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Data obtained through Sentinel are intended to complement other types of evidence such as preclinical studies, clinical trials, postmarket studies, and adverse event reports, all of which are used by FDA to inform regulatory decisions regarding medical product safety. The information contained in this report is provided as part of FDA's commitment to place knowledge acquired from Sentinel in the public domain as soon as possible. Any public health actions taken by FDA regarding products involved in Sentinel queries will continue to be communicated through existing channels.

FDA wants to emphasize that the fact that FDA has initiated a query involving a medical product and is reporting findings related to that query does not mean that FDA is suggesting health care practitioners should change their prescribing practices for the medical product or that patients taking the medical product should stop using it. Patients who have questions about the use of an identified medical product should contact their health care practitioners.

The following report contains a description of the request, request specifications, and results from the modular program run(s).

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Overview for Request: cder_mpl1r_wp205

Request ID: cder_mpl1r_wp205_nsdv_v02

Request Description: In this report we described racial and ethnic differences in COVID-19 testing, positivity, hospitalization, and mortality among individuals in the rapidly refreshed version of the Sentinel Distributed Database (rSDD) designed for COVID-19 analyses, during the first year of the pandemic.

Sentinel Routine Querying Module: Cohort Identification and Descriptive Analysis (CIDA) module, version 11.2.3

Data Source: We distributed this query to six Sentinel Data Partners (DP) on January 27, 2022. These six Data Partners are a subset of the SDD that rapidly refresh to provide the freshest feasible data and do not include patients with Medicare coverage. The cohort selection period was April 1, 2020, through March 31, 2021. Please see Appendix A for a list of dates of available data for each Data Partner.

Study Design: We identified cohorts of individuals who were tested for COVID-19, were diagnosed as COVID-19 positive, were hospitalized with COVID-19, or had critical COVID-19 between April 1, 2020 and March 31, 2021 and evaluated the occurrence of testing positive among those tested, being hospitalized among those diagnosed, having critical COVID among those diagnosed, having critical COVID among those hospitalized, death among those diagnosed, and death among those hospitalized. This is a Type 2 analysis in the Query Request Package (QRP) documentation.

Events of Interest: We identified cohorts based on the occurrence of the following cohort-defining index (first qualifying occurrence) and outcome events of interest:

1. **Tested for COVID-19:** any eligible individual with a SARS-COV-2 PCR test performed, regardless of the result.
2. **Diagnosed as COVID-19 positive:** any eligible individual with evidence of an International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) diagnosis code of U07.1 (see Appendix C) in any position on the discharge summary, in any care setting OR having a positive result for a SARS-COV-2 PCR test.
3. **Hospitalized with COVID-19:** any eligible individual with evidence in an inpatient care setting of ICD-10-CM diagnosis code of U07.1 in any position on the discharge summary.
4. **Critical COVID-19:** any eligible individual with evidence in an inpatient care setting of ICD-10-CM diagnosis code of U07.1 in any position on the discharge summary AND evidence of receipt of extracorporeal membranous oxygenation (ECMO), mechanical ventilation, intensive care unit stay OR a combination of acute renal failure diagnosis AND receipt of renal replacement therapy in the inpatient care setting. We used ICD-10-CM diagnosis codes, ICD-10 Procedure Coding System (ICD-10-PCS) procedure codes, Healthcare Common Procedure Coding System (HCPCS) codes, Revenue codes, and Current Procedural Terminology, Fourth Edition (CPT-4) codes to define these measures. Please see Appendix F for a list of diagnosis and procedure codes used.

Only the first qualifying event for each eligible member was included per cohort; cohort re-entry was not allowed.

Within each cohort, we evaluated the occurrence of an outcome that was reflective of disease progression relative to the index event. For example, in a cohort of individuals who tested for COVID-19, the outcome event of interest was diagnosed as COVID-19 positive. Similarly, in a cohort of individuals who were diagnosed as COVID-19 positive, the outcome event of interest was hospitalized with COVID-19.

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Proportions of Interest: Within each pertinent cohort, we estimated the following proportions:

1. Tested for COVID-19, among all eligible enrolled members
2. Diagnosed as COVID-19 positive, among those tested for COVID-19
3. Diagnosed as COVID-19 positive, among all eligible enrolled members
4. Hospitalized with COVID-19, among all eligible enrolled members
5. Hospitalized with COVID-19, among those diagnosed as COVID-19 positive
6. Critical COVID-19, among all eligible enrolled members
7. Critical COVID-19, among those diagnosed as COVID-19 positive
8. Critical COVID-19, among those hospitalized with COVID-19
9. Death, among those diagnosed as COVID-19 positive
10. Death, among those hospitalized with COVID-19

All proportions of interest were stratified by year-month, race, Hispanic origin, census bureau region, race and year-month, Hispanic origin and year-month, census bureau region and year-month, race and census bureau region, Hispanic origin and census bureau region, race and census bureau region and year-month, Hispanic origin and census bureau region and year-month.

Cohort Eligibility Criteria: We required members to be continuously enrolled in health plans with medical and drug coverage in the 183 days prior to the cohort-defining index event of interest. A gap in coverage of up to 45 days was allowed and treated as continuous enrollment. The following age groups were included in the cohort: 0-5, 6-11, 12-18, 19-29, 30-39, 40-49, 50-64, 65-74, and 75+ years.

Follow-up Time: Follow-up began on the day of the index event of interest and continued until the first occurrence of any of the following: 1) disenrollment; 2) death; 3) the end of the data provided by each Data Partner; 4) the end of the query period; or 5) occurrence of the outcome.

Baseline Characteristics: We assessed the following demographic and clinical characteristics in the 183 days prior to the index event of interest: race, census bureau region (see Appendix B), Hispanic ethnicity, month-year of event, Charlson/Elixhauser combined comorbidity score¹, asthma, any cancer, chronic obstructive pulmonary disease (COPD), obesity, chronic kidney disease, diabetes mellitus, hypertension, liver disease, vascular disease, congestive heart failure, coronary artery disease, solid organ transplant, blood stem cell transplant, HIV, smoking, alcohol use/abuse, neurologic conditions, sickle cell disease, drug abuse/dependence, pulmonary conditions (including ARDS, acute respiratory failure, pneumonia, chronic respiratory failure), cystic fibrosis, interstitial lung disease, adult BMI of 19.9 or less, adult BMI of 20-29, adult BMI of 30-39, adult BMI of 40 or greater, healthcare utilization, and drug utilization. We also assessed use of the following in the 183 days prior to the index event of interest: immunosuppressants, immune modulators, systemic glucocorticoids, non-systemic glucocorticoids (including inhaled, ophthalmic, and topical), inhaled glucocorticoids, ophthalmic glucocorticoids, topical glucocorticoids, chemotherapy. We assessed use of the following in the 30 days prior to and including the day of the index event of interest: angiotensin converting enzyme (ACE) inhibitors, angiotensin II receptor blockers (ARBs), and vasopressors. We assessed these symptoms of COVID-19 from the day prior to the index event of interest through 14 days following the index event of interest: fever, cough, dyspnea/shortness of breath, diarrhea, myalgia, malaise/fatigue, smell/taste disturbance, nasal congestion, sore throat, nausea or vomiting, headache, and multi-system inflammatory syndrome. We also assessed three criteria from seven days before to seven days after index event of interest: COVID-19 positive diagnosis (by U07.1 ICD-10-CM diagnosis code), inpatient hospitalization, and combination of COVID-19 positive diagnosis AND inpatient hospitalization. Finally, we assessed four characteristics on the same day as the index event of interest: ICU stay, ECMO, mechanical ventilation, and a combination of renal replacement therapy plus acute renal failure diagnosis. Please see Appendix D for a list of generic and brand names of medical products, and Appendix E for specific procedure codes used to define baseline characteristics in this request.

¹Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A combined comorbidity score predicted mortality in elderly patients better than existing scores. *J Clin Epidemiol.* 2011;64(7):749-759

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Limitations: Algorithms used to define exposures, outcomes, and baseline characteristics are imperfect and may result in misclassification. All individuals in the Sentinel Distributed Database are assigned one value of race in the Sentinel Common Data Model, mostly according to self-report. A significant proportion of members in the rapidly refreshed Sentinel Distributed Database have unknown race. Unknown race is a heterogeneous category assigned to individuals with multiple race selections in source data, race selection in source data other than the listed categories in the Sentinel Common Data Model, or missing race. Additionally, data completeness varies by data source and claims type (i.e., care setting); we expect inpatient claims may not be complete for ≥ 60 days (i.e., ≥ 60 days for the national health plans, ≥ 30 days for the integrated delivery systems). Therefore, estimates utilizing inpatient claims (e.g., baseline characteristics, or events) may be underestimated. Additionally, healthcare utilization data should be interpreted with caution, as patterns of use may differ during the pandemic. All data in this report should be interpreted with these limitations in mind.

Notes: Please contact the Sentinel Operations Center (info@sentinel-system.org) for questions and to provide comments/suggestions for future enhancements to this document. For more information on Sentinel's routine querying modules, please refer to the documentation (<https://dev.sentinel-system.org/projects/SENTINEL/repos/sentinel-routine-querying-tool-documentation/browse>).

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**Glossary of Terms for Analyses Using
Cohort Identification and Descriptive Analysis (CIDA) Module***

Amount Supplied - number of units (pills, tablets, vials) dispensed. Net amount per NDC per dispensing.

Blackout Period - number of days at the beginning of a treatment episode that events are to be ignored. If an event occurs during the blackout period, the episode is excluded.

Care Setting - type of medical encounter or facility where the exposure, event, or condition code was recorded. Possible care settings include: Inpatient Hospital Stay (IP), Non-Acute Institutional Stay (IS), Emergency Department (ED), Ambulatory Visit (AV), and Other Ambulatory Visit (OA). For laboratory results, possible care settings include: Emergency Department (E), Home (H), Inpatient (I), Outpatient (O), or Unknown or Missing (U). The Care Setting, along with the Principal Diagnosis Indicator (PDX), forms the Care Setting/PDX parameter.

Ambulatory Visit (AV) - includes visits at outpatient clinics, same-day surgeries, urgent care visits, and other same-day ambulatory hospital encounters, but excludes emergency department encounters.

Emergency Department (ED) - includes ED encounters that become inpatient stays (in which case inpatient stays would be a separate encounter). Excludes urgent care visits.

Inpatient Hospital Stay (IP) - includes all inpatient stays, same-day hospital discharges, hospital transfers, and acute hospital care where the discharge is after the admission date.

Non-Acute Institutional Stay (IS) - includes hospice, skilled nursing facility (SNF), rehab center, nursing home, residential, overnight non-hospital dialysis and other non-hospital stays.

Other Ambulatory Visit (OA) - includes other non overnight AV encounters such as hospice visits, home health visits, skilled nursing facility visits, other non-hospital visits, as well as telemedicine, telephone and email consultations.

Charlson/Elixhauser Combined Comorbidity Score - calculated based on comorbidities observed during a requester-defined window around the exposure episode start date (e.g., in the 183 days prior to index).

Code Days - the minimum number of times the diagnosis must be found during the evaluation period in order to fulfill the algorithm to identify the corresponding patient characteristic.

Cohort Definition (drug/exposure) - indicates how the cohort will be defined: 01: Cohort includes only the first valid treatment episode during the query period; 02: Cohort includes all valid treatment episodes during the query period; 03: Cohort includes all valid treatment episodes during the query period until an event occurs.

Computed Start Marketing Date - represents the first observed dispensing date among all valid users within a GROUP (scenario) within each Data Partner site.

Days Supplied - number of days supplied for all dispensings in qualifying treatment episodes.

Eligible Members - number of members eligible for an incident treatment episode (defined by the drug/exposure and event washout periods) with drug and medical coverage during the query period.

Enrollment Gap - number of days allowed between two consecutive enrollment periods without breaking a "continuously enrolled" sequence.

Episodes - treatment episodes; length of episode is determined by days supplied in one dispensing or consecutive dispensings bridged by the episode gap.

Episode Gap - number of days allowed between two (or more) consecutive exposures (dispensings/procedures) to be considered the same treatment episode.

Event Deduplication - specifies how events are counted by the Modular Program (MP) algorithm: 0: Counts all occurrences of a health outcome of interest (HOI) during an exposure episode; 1: de-duplicates occurrences of the same HOI code and code type on the same day; 2: de-duplicates occurrences of the same HOI group on the same day (e.g., de-duplicates at the group level).

Exposure Episode Length - number of days after exposure initiation that is considered "exposed time."

Exposure Extension Period - number of days post treatment period in which the outcomes/events are counted for a treatment episode. Extensions are added after any episode gaps have been bridged.

Lookback Period - number of days wherein a member is required to have evidence of pre-existing condition (diagnosis/procedure/drug dispensing).

Maximum Episode Duration - truncates exposure episodes after a requester-specified number of exposed days. Applied after any gaps are bridged and extension days added to the length of the exposure episode.

Member-Years - sum of all days of enrollment with medical and drug coverage in the query period preceded by an exposure washout period all divided by 365.25.

Minimum Days Supplied - specifies a minimum number of days in length of the days supplied for the episode to be considered.

Minimum Episode Duration - specifies a minimum number of days in length of the episode for it to be considered. Applied after any gaps are bridged and extension days added to the length of the exposure episode.

Monitoring Period - used to define time periods of interest for both sequential analysis and simple cohort characterization requests.

Principal Diagnosis (PDX) - diagnosis or condition established to be chiefly responsible for admission of the patient to the hospital. 'P' = principal diagnosis, 'S' = secondary diagnosis, 'X' = unspecified diagnosis, '.' = blank. Along with the Care Setting values, forms the Caresetting/PDX parameter.

Query Period - period in which the modular program looks for exposures and outcomes of interest.

Switch Evaluation Step Value - value used to differentiate evaluation step. Each switch pattern can support up to 2 evaluation steps (0 = switch pattern evaluation start; 1 = first evaluation; 2 = second evaluation).

Switch Gap Inclusion Indicator - indicator for whether gaps in treatment episodes that are included in a switch episode will be counted as part of the switch episode duration.

Switch Pattern Cohort Inclusion Date - indicates which date to use for inclusion into the switch pattern cohort of interest as well as optionally as the index date of the treatment episode initiating the switch pattern. Valid options are the product approval date, product marketing date, other requester defined date, or computed start marketing date.

Switch Pattern Cohort Inclusion Strategy - indicates how the switch pattern cohort inclusion date will be used: 01: used only as a switch cohort entry date. First treatment episode dispensing date is used as index for computing time to first switch; 02: used as switch cohort entry date and as initial switch step index date for computing time to first switch.

Treatment Episode Truncation Indicator - indicates whether the exposure episode will be truncated at the occurrence of a requester-specified code.

Washout Period (drug/exposure) - number of days a user is required to have no evidence of prior exposure (drug dispensing/procedure) and continuous drug and medical coverage prior to an incident treatment episode.

Washout Period (event/outcome) - number of days a user is required to have no evidence of a prior event (procedure/diagnosis) and continuous drug and medical coverage prior to an incident treatment episode.

Years at Risk - number of days supplied plus any episode gaps and exposure extension periods all divided by 365.25.

*all terms may not be used in this report

Table 1a. Aggregated Baseline Characteristics of Members with Evidence of a PCR Test for SARS COV2 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021

Patient Characteristics¹	Number	Percent
Unique patients	2,270,701	N/A
Demographic Characteristics	Mean	Standard Deviation
Age (years)	49.8	19.5
Age	Number	Percent
0-5 years	50,373	2.20%
6-11 years	54,984	2.40%
12-18 years	98,996	4.40%
19-29 years	313,368	13.80%
30-39 years	303,318	13.40%
40-49 years	258,386	11.40%
50-64 years	461,251	20.30%
65-74 years	441,213	19.40%
≥ 75 years	288,812	12.70%
Sex		
Female	1,277,222	56.20%
Male	993,479	43.80%
Race²		
American Indian or Alaska Native	10,211	0.40%
Asian	78,867	3.50%
Black or African American	170,551	7.50%
Native Hawaiian or Other Pacific Islander	12,845	0.60%
Unknown	859,082	37.80%
White	1,139,145	50.20%
Hispanic origin		
Yes	135,670	6.00%
No	931,096	41.00%
Unknown	1,203,935	53.00%
Year		
2020	1,851,654	81.50%
2021	419,047	18.50%
Recorded History of Prior to Index Event (-183,-1)		
Asthma	140,200	6.20%
Any Cancer	127,092	5.60%
COPD	166,758	7.30%
Obesity	320,792	14.10%
Chronic Kidney Disease	215,917	9.50%
Diabetes Mellitus	337,118	14.80%

Table 1a. Aggregated Baseline Characteristics of Members with Evidence of a PCR Test for SARS COV2 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021

Patient Characteristics¹	Number	Percent
Hypertension	706,676	31.10%
Liver Disease	77,154	3.40%
Vascular Disease	818,916	36.10%
Congestive Heart Failure	113,426	5.00%
Coronary Artery Disease	259,305	11.40%
Solid Organ Transplant	905	0.00%
Blood Stem Cell Transplant	106	0.00%
HIV	6,863	0.30%
Smoking	233,447	10.30%
Alcohol Use/Abuse	38,746	1.70%
Neurologic Conditions	169,204	7.50%
Sickle Cell Disease	1,938	0.10%
Drug Abuse/Dependence	26,255	1.20%
Pulmonary Conditions	76,952	3.40%
Cystic Fibrosis	349	0.00%
Interstitial Lung Disease	19,500	0.90%
Adult BMI 19.9 or less	13,965	0.60%
Adult BMI 20-29	159,955	7.00%
Adult BMI 30-39	161,489	7.10%
Adult BMI 40 or greater	68,687	3.00%
Recorded Use of Prior to Index Event (-183,-1)		
Immunosuppressants	31,750	1.40%
Immune Modulators	53,506	2.40%
Glucocorticoids Systemic	428,744	18.90%
Glucocorticoids NonSystemic	250,483	11.00%
Glucocorticoids Inhaled	115,927	5.10%
Glucocorticoids Ophthalmic	27,665	1.20%
Glucocorticoids Topical	122,603	5.40%
Chemotherapy	28,451	1.30%
Concurrent Use Of (-30,0)		
ACE Inhibitors	108,637	4.80%
ARBs	94,605	4.20%
Vasopressors	3,766	0.20%
Comorbidity		
Charlson/Elixhauser combined comorbidity score ³	0.9	1.9
Symptoms at Diagnosis (-1,14)		
Fever	117,009	5.20%

Table 1a. Aggregated Baseline Characteristics of Members with Evidence of a PCR Test for SARS COV2 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021

Patient Characteristics¹	Number	Percent
Cough	213,612	9.40%
Dyspnea/Short of Breath	168,527	7.40%
Diarrhea	50,184	2.20%
Myalgia	28,328	1.20%
Malaise or Fatigue	121,659	5.40%
Smell or Taste Disturbance	12,955	0.60%
Nasal Congestion	31,370	1.40%
Sore Throat	98,127	4.30%
Nausea or Vomiting	62,380	2.70%
Headache	30,716	1.40%
Multi-system Inflammatory Syndrome	24	0.00%
Index Criteria (-7,7)		
COVID Positive Diagnosis	129,980	5.70%
Inpatient Hospitalization	139,457	6.10%
COVID Positive Diagnosis - Inpatient	19,599	0.90%
Index Criteria (0,0)		
Intensive Care	27,642	1.20%
ECMO	18	0.00%
Mechanical Ventilation	5,843	0.30%
Renal Replacement Therapy + Acute Renal Failure Diagnosis (Renal Replacement Combo)	42	0.00%
Health Service Utilization Intensity (-183, -1)		
Mean number of ambulatory encounters	6.6	8.8
Mean number of emergency room encounters	0.2	0.8
Mean number of inpatient hospital encounters	0.1	0.3
Mean number of non-acute institutional encounters	0.1	0.6
Mean number of other ambulatory encounters	2.7	5.6
Mean number of filled prescriptions	9.5	12.5
Mean number of generics dispensed	4.3	4.5
Mean number of unique drug classes dispensed	4.1	4.2

¹All metrics are based on total number of episodes per group, except for sex, race, and Hispanic origin which are based on total number of unique patients.

²Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

³The Charlson/Elixhauser Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A combined comorbidity score predicted mortality in elderly patients better than existing scores. J Clin Epidemiol. 2011;64(7):749-759)

Table 1b. Aggregated Baseline Characteristics of Members Positive for COVID, Overall and by Race, in the Rapid COVID-19 Sentinel Distributed Database (SDD) between April 1, 2020 and March 31, 2021

Patient Characteristics ¹	Overall		Unknown		Known		American Indian or Alaska Native		Asian		Black or African American		Native Hawaiian or Other Pacific Islander		White	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Unique patients	930,606	N/A	422,789	N/A	507,817	N/A	3,539	N/A	20,942	N/A	77,492	N/A	4,906	N/A	400,938	N/A
Demographic Characteristics	Standard		Standard		Standard		Standard		Standard		Standard		Standard		Standard	
	Mean	Deviation	Mean	Deviation	Mean	Deviation	Mean	Deviation	Mean	Deviation	Mean	Deviation	Mean	Deviation	Mean	Deviation
Age (years)	53.9	19.6	46.5	20.7	60.2	16.6	51.8	16.8	45.7	16.6	61.4	15	61	12.3	60.7	16.8
Age	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0-5 years	10,620	1.10%	7,917	1.90%	2,703	0.50%	29	0.80%	346	1.70%	361	0.50%	42	0.90%	1,925	0.50%
6-11 years	15,467	1.70%	11,708	2.80%	3,759	0.70%	44	1.20%	324	1.50%	480	0.60%	41	0.80%	2,870	0.70%
12-18 years	38,245	4.10%	27,620	6.50%	10,625	2.10%	124	3.50%	705	3.40%	1,050	1.40%	78	1.60%	8,668	2.20%
19-29 years	105,173	11.30%	65,985	15.60%	39,188	7.70%	413	11.70%	3,367	16.10%	4,155	5.40%	327	6.70%	30,926	7.70%
30-39 years	101,399	10.90%	56,541	13.40%	44,858	8.80%	443	12.50%	4,354	20.80%	6,475	8.40%	348	7.10%	33,238	8.30%
40-49 years	104,723	11.30%	58,270	13.80%	46,453	9.10%	539	15.20%	3,586	17.10%	6,842	8.80%	472	9.60%	35,014	8.70%
50-64 years	189,632	20.40%	91,495	21.60%	98,137	19.30%	873	24.70%	3,975	19.00%	15,901	20.50%	762	15.50%	76,626	19.10%
65-74 years	198,745	21.40%	66,407	15.70%	132,338	26.10%	613	17.30%	2,732	13.00%	24,554	31.70%	1,646	33.60%	102,793	25.60%
≥ 75 years	166,602	17.90%	36,846	8.70%	129,756	25.60%	461	13.00%	1,553	7.40%	17,674	22.80%	1,190	24.30%	108,878	27.20%
Sex																
Female	503,629	54.10%	223,069	52.80%	280,560	55.20%	2,060	58.20%	11,017	52.60%	46,874	60.50%	2,438	49.70%	218,171	54.40%
Male	426,977	45.90%	199,720	47.20%	227,257	44.80%	1,479	41.80%	9,925	47.40%	30,618	39.50%	2,468	50.30%	182,767	45.60%
Race ²																
American Indian or Alaska Native	3,539	0.40%	0	0.00%	3,539	0.70%	3,539	100.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Asian	20,942	2.30%	0	0.00%	20,942	4.10%	0	0.00%	20,942	100.00%	0	0.00%	0	0.00%	0	0.00%
Black or African American	77,492	8.30%	0	0.00%	77,492	15.30%	0	0.00%	0	0.00%	77,492	100.00%	0	0.00%	0	0.00%
Native Hawaiian or Other Pacific Islander	4,906	0.50%	0	0.00%	4,906	1.00%	0	0.00%	0	0.00%	0	0.00%	4,906	100.00%	0	0.00%
Unknown	422,789	45.40%	422,789	100.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
White	400,938	43.10%	0	0.00%	400,938	79.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	400,938	100.00%
Hispanic origin																
Yes	59,242	6.40%	48,392	11.40%	10,850	2.10%	857	24.20%	1,669	8.00%	1,127	1.50%	223	4.50%	6,974	1.70%
No	292,644	31.40%	1,737	0.40%	290,907	57.30%	1,777	50.20%	7,585	36.20%	48,972	63.20%	4,078	83.10%	228,495	57.00%
Unknown	578,720	62.20%	372,660	88.10%	206,060	40.60%	905	25.60%	11,688	55.80%	27,393	35.30%	605	12.30%	165,469	41.30%
Year																
2020	668,665	71.90%	300,423	71.10%	368,242	72.50%	2,671	75.50%	15,150	72.30%	56,656	73.10%	3,559	72.50%	290,206	72.40%
2021	261,941	28.10%	122,366	28.90%	139,575	27.50%	868	24.50%	5,792	27.70%	20,836	26.90%	1,347	27.50%	110,732	27.60%
Recorded History of Prior to Index Event (-183,-1)																
Asthma	55,815	6.00%	22,001	5.20%	33,814	6.70%	312	8.80%	889	4.20%	7,210	9.30%	300	6.10%	25,103	6.30%
Any Cancer	54,210	5.80%	16,485	3.90%	37,725	7.40%	155	4.40%	592	2.80%	6,857	8.80%	306	6.20%	29,815	7.40%

Table 1b. Aggregated Baseline Characteristics of Members Positive for COVID, Overall and by Race, in the Rapid COVID-19 Sentinel Distributed Database (SDD) between April 1, 2020 and March 31, 2021

Patient Characteristics ¹	Overall		Unknown		Known		American Indian or Alaska Native		Asian		Black or African American		Native Hawaiian or Other Pacific Islander		White	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Chronic Obstructive Pulmonary Disease	81,319	8.70%	21,667	5.10%	59,652	11.70%	265	7.50%	516	2.50%	10,277	13.30%	434	8.80%	48,160	12.00%
Obesity	167,046	18.00%	64,805	15.30%	102,241	20.10%	640	18.10%	1,350	6.40%	23,854	30.80%	912	18.60%	75,485	18.80%
Chronic Kidney Disease	116,336	12.50%	31,498	7.50%	84,838	16.70%	406	11.50%	1,417	6.80%	19,148	24.70%	1,008	20.50%	62,859	15.70%
Diabetes Mellitus	191,902	20.60%	64,340	15.20%	127,562	25.10%	874	24.70%	3,307	15.80%	29,913	38.60%	1,812	36.90%	91,656	22.90%
Hypertension	370,137	39.80%	121,509	28.70%	248,628	49.00%	1,263	35.70%	4,936	23.60%	50,236	64.80%	2,527	51.50%	189,666	47.30%
Liver Disease	34,918	3.80%	13,199	3.10%	21,719	4.30%	182	5.10%	696	3.30%	3,596	4.60%	284	5.80%	16,961	4.20%
Vascular Disease	413,511	44.40%	137,316	32.50%	276,195	54.40%	1,406	39.70%	5,522	26.40%	52,725	68.00%	2,783	56.70%	213,759	53.30%
Congestive Heart Failure	67,944	7.30%	16,915	4.00%	51,029	10.00%	188	5.30%	462	2.20%	11,690	15.10%	464	9.50%	38,225	9.50%
Coronary Artery Disease	131,398	14.10%	35,876	8.50%	95,522	18.80%	401	11.30%	1,284	6.10%	16,838	21.70%	980	20.00%	76,019	19.00%
Solid Organ Transplant	623	0.10%	219	0.10%	404	0.10%	0	0.00%	15	0.10%	115	0.10%	6	0.10%	268	0.10%
Blood Stem Cell Transplant	64	0.00%	34	0.00%	30	0.00%	0	0.00%	2	0.00%	6	0.00%	1	0.00%	21	0.00%
HIV	2,838	0.30%	1,106	0.30%	1,732	0.30%	26	0.70%	40	0.20%	810	1.00%	12	0.20%	844	0.20%
Smoking	101,144	10.90%	30,709	7.30%	70,435	13.90%	446	12.60%	752	3.60%	12,559	16.20%	602	12.30%	56,076	14.00%
Alcohol Use/Abuse	14,137	1.50%	4,757	1.10%	9,380	1.80%	114	3.20%	98	0.50%	1,679	2.20%	89	1.80%	7,400	1.80%
Neurologic Conditions	97,375	10.50%	26,409	6.20%	70,966	14.00%	328	9.30%	723	3.50%	11,798	15.20%	546	11.10%	57,571	14.40%
Sickle Cell Disease	925	0.10%	318	0.10%	607	0.10%	2	0.10%	5	0.00%	550	0.70%	6	0.10%	44	0.00%
Drug Abuse/Dependence	9,871	1.10%	3,344	0.80%	6,527	1.30%	86	2.40%	58	0.30%	1,361	1.80%	64	1.30%	4,958	1.20%
Pulmonary Conditions	48,378	5.20%	14,335	3.40%	34,043	6.70%	196	5.50%	542	2.60%	6,727	8.70%	319	6.50%	26,259	6.50%
Cystic Fibrosis	132	0.00%	53	0.00%	79	0.00%	0	0.00%	2	0.00%	7	0.00%	0	0.00%	70	0.00%
Interstitial Lung Disease	9,564	1.00%	2,684	0.60%	6,880	1.40%	28	0.80%	96	0.50%	1,144	1.50%	79	1.60%	5,533	1.40%
Adult Body Mass Index (BMI) 19.9 or less	6,491	0.70%	2,051	0.50%	4,440	0.90%	9	0.30%	140	0.70%	822	1.10%	48	1.00%	3,421	0.90%
Adult BMI 20-29	77,262	8.30%	30,212	7.10%	47,050	9.30%	165	4.70%	1,399	6.70%	8,126	10.50%	652	13.30%	36,708	9.20%
Adult BMI 30-39	86,331	9.30%	33,613	8.00%	52,718	10.40%	279	7.90%	709	3.40%	11,773	15.20%	478	9.70%	39,479	9.80%
Adult BMI 40 or greater	37,110	4.00%	13,892	3.30%	23,218	4.60%	170	4.80%	166	0.80%	6,357	8.20%	183	3.70%	16,342	4.10%
Recorded Use of Prior to Index Event (-183,-1)																
Immunosuppressants	14,479	1.60%	5,081	1.20%	9,398	1.90%	69	1.90%	213	1.00%	1,932	2.50%	106	2.20%	7,078	1.80%
Immune Modulators	24,524	2.60%	8,513	2.00%	16,011	3.20%	84	2.40%	368	1.80%	2,729	3.50%	160	3.30%	12,670	3.20%
Glucocorticoids Systemic	202,287	21.70%	77,512	18.30%	124,775	24.60%	785	22.20%	2,563	12.20%	20,672	26.70%	976	19.90%	99,779	24.90%
Glucocorticoids NonSystemic	105,921	11.40%	39,427	9.30%	66,494	13.10%	423	12.00%	2,013	9.60%	11,317	14.60%	656	13.40%	52,085	13.00%
Glucocorticoids Inhaled	49,902	5.40%	17,267	4.10%	32,635	6.40%	213	6.00%	662	3.20%	5,561	7.20%	228	4.60%	25,971	6.50%
Glucocorticoids Ophthalmic	11,063	1.20%	3,776	0.90%	7,287	1.40%	38	1.10%	202	1.00%	1,428	1.80%	104	2.10%	5,515	1.40%
Glucocorticoids Topical	51,703	5.60%	20,471	4.80%	31,232	6.20%	200	5.70%	1,246	5.90%	5,220	6.70%	381	7.80%	24,185	6.00%
Chemotherapy	13,034	1.40%	4,309	1.00%	8,725	1.70%	47	1.30%	176	0.80%	1,679	2.20%	82	1.70%	6,741	1.70%

Table 1b. Aggregated Baseline Characteristics of Members Positive for COVID, Overall and by Race, in the Rapid COVID-19 Sentinel Distributed Database (SDD) between April 1, 2020 and March 31, 2021

Patient Characteristics ¹	Overall		Unknown		Known		American Indian or Alaska Native		Asian		Black or African American		Native Hawaiian or Other Pacific Islander		White	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Concurrent Use Of (-30,0)																
Angiotensin Converting Enzyme (ACE) Inhibitors	55,374	6.00%	20,268	4.80%	35,106	6.90%	255	7.20%	733	3.50%	5,653	7.30%	368	7.50%	28,097	7.00%
Angiotensin II Receptor Blockers (ARBs)	49,544	5.30%	17,872	4.20%	31,672	6.20%	192	5.40%	1,043	5.00%	6,876	8.90%	323	6.60%	23,238	5.80%
Vasopressors	2,412	0.30%	763	0.20%	1,649	0.30%	6	0.20%	36	0.20%	414	0.50%	24	0.50%	1,169	0.30%
Comorbidity																
Charlson/Elixhauser combined comorbidity score ³	1.2	2.3	0.7	1.8	1.5	2.5	1.1	2.1	0.5	1.4	2	2.9	1.5	2.6	1.5	2.5
Symptoms at Diagnosis (-1,14)																
Fever	106,969	11.50%	46,260	10.90%	60,709	12.00%	388	11.00%	2,519	12.00%	11,437	14.80%	653	13.30%	45,712	11.40%
Cough	183,044	19.70%	79,923	18.90%	103,121	20.30%	679	19.20%	3,878	18.50%	16,971	21.90%	1,032	21.00%	80,561	20.10%
Dyspnea/Short of Breath	177,592	19.10%	62,534	14.80%	115,058	22.70%	761	21.50%	3,032	14.50%	22,884	29.50%	1,246	25.40%	87,135	21.70%
Diarrhea	34,081	3.70%	12,443	2.90%	21,638	4.30%	138	3.90%	501	2.40%	3,917	5.10%	197	4.00%	16,885	4.20%
Myalgia	23,648	2.50%	11,573	2.70%	12,075	2.40%	99	2.80%	584	2.80%	1,948	2.50%	123	2.50%	9,321	2.30%
Malaise or Fatigue	111,270	12.00%	39,783	9.40%	71,487	14.10%	346	9.80%	1,728	8.30%	13,033	16.80%	652	13.30%	55,728	13.90%
Smell or Taste Disturbance	19,529	2.10%	10,436	2.50%	9,093	1.80%	72	2.00%	357	1.70%	1,565	2.00%	77	1.60%	7,022	1.80%
Nasal Congestion	22,682	2.40%	11,879	2.80%	10,803	2.10%	66	1.90%	295	1.40%	1,295	1.70%	62	1.30%	9,085	2.30%
Sore Throat	33,989	3.70%	18,433	4.40%	15,556	3.10%	146	4.10%	808	3.90%	1,820	2.30%	153	3.10%	12,629	3.10%
Nausea or Vomiting	39,298	4.20%	15,040	3.60%	24,258	4.80%	189	5.30%	562	2.70%	4,446	5.70%	244	5.00%	18,817	4.70%
Headache	10,907	1.20%	5,411	1.30%	5,496	1.10%	47	1.30%	247	1.20%	1,277	1.60%	58	1.20%	3,867	1.00%
Multi-system Inflammatory Syndrome	112	0.00%	54	0.00%	58	0.00%	0	0.00%	1	0.00%	16	0.00%	0	0.00%	41	0.00%
Index Criteria (-7,7)																
COVID Positive Diagnosis	763,627	82.10%	345,632	81.80%	417,995	82.30%	2,779	78.50%	15,941	76.10%	65,949	85.10%	4,019	81.90%	329,307	82.10%
Inpatient Hospitalization	129,345	13.90%	39,226	9.30%	90,119	17.70%	515	14.60%	2,000	9.60%	20,332	26.20%	1,081	22.00%	66,191	16.50%
COVID Positive Diagnosis - Inpatient	115,695	12.40%	36,215	8.60%	79,480	15.70%	462	13.10%	1,840	8.80%	18,476	23.80%	967	19.70%	57,735	14.40%
Index Criteria (0,0)																
Intensive Care	43,882	4.70%	12,693	3.00%	31,189	6.10%	142	4.00%	632	3.00%	7,660	9.90%	394	8.00%	22,361	5.60%
Extracorporeal Membrane Oxygenation (ECMO)	91	0.00%	50	0.00%	41	0.00%	0	0.00%	4	0.00%	14	0.00%	1	0.00%	22	0.00%
Mechanical Ventilation	15,048	1.60%	4,297	1.00%	10,751	2.10%	46	1.30%	261	1.20%	2,823	3.60%	158	3.20%	7,463	1.90%

Table 1b. Aggregated Baseline Characteristics of Members Positive for COVID, Overall and by Race, in the Rapid COVID-19 Sentinel Distributed Database (SDD) between April 1, 2020 and March 31, 2021

Patient Characteristics ¹	Overall		Unknown		Known		American Indian or Alaska Native		Asian		Black or African American		Native Hawaiian or Other Pacific Islander		White	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Renal Replacement Therapy + Acute Renal Failure Diagnosis	964	0.10%	408	0.10%	556	0.10%	3	0.10%	24	0.10%	243	0.30%	4	0.10%	282	0.10%
Health Service Utilization Intensity (-183, -1)																
Mean number of ambulatory encounters	8.1	10.9	6.6	9.8	9.4	11.5	7.6	10.9	5.4	8.6	10.3	13	8.2	10.7	9.5	11.4
Mean number of emergency room encounters	0.3	1.2	0.3	1.1	0.3	1.2	0.4	1.6	0.1	0.8	0.5	1.8	0.2	0.7	0.3	1.1
Mean number of inpatient hospital encounters	0.1	0.4	0.1	0.3	0.1	0.5	0.1	0.5	0	0.3	0.2	0.6	0.1	0.5	0.1	0.5
Mean number of non-acute institutional encounters	0.2	0.8	0.1	0.5	0.2	0.9	0.1	0.7	0	0.4	0.4	1.3	0.3	1.2	0.2	0.9
Mean number of other ambulatory encounters	1.9	4.9	1.2	3.9	2.5	5.5	2.9	6.1	1.8	4.9	2.7	6.5	3.3	7.3	2.5	5.3
Mean number of filled prescriptions	11.7	15.9	8.8	13.6	14.1	17.3	12.6	17.8	6.3	9.7	15.9	17.4	12.1	13.8	14.2	17.6
Mean number of generics dispensed	5	4.9	3.9	4.5	5.9	5.1	5	5.2	3.1	3.6	6.9	5.3	5.8	4.6	5.9	5.2
Mean number of unique drug classes dispensed	4.7	4.5	3.7	4.2	5.6	4.7	4.7	4.8	2.9	3.3	6.5	4.8	5.4	4.2	5.5	4.7

¹All metrics are based on total number of episodes per group, except for sex, race, and Hispanic origin which are based on total number of unique patients.

²Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

³The Charlson/Elixhauser Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A combined comorbidity score predicted mortality in elderly patients better than existing scores. J Clin Epidemiol. 2011;64(7):749-759)

Table 1c. Aggregated Baseline Characteristics of Members Hospitalized with COVID, Overall and by Race, in the Rapid COVID-19 Sentinel Distributed Database (SDD) between April 1, 2020 and March 31, 2021

Patient Characteristics ¹	Overall		Unknown		Known		American Indian or Alaska Native		Asian		Black or African American		Native Hawaiian or Other Pacific Islander		White	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Unique patients	133,341	N/A	41,833	N/A	91,508	N/A	551	N/A	2,107	N/A	20,371	N/A	1,092	N/A	67,387	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation
Age (years)	71.2	13.4	66.5	15.5	73.4	11.9	65.7	13.2	65.3	14.6	71	11.9	71.7	9.9	74.4	11.6
Age	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0-5 years	90	0.10%	73	0.20%	17	0.00%	0	0.00%	1	0.00%	6	0.00%	0	0.00%	10	0.00%
6-11 years	62	0.00%	44	0.10%	18	0.00%	0	0.00%	3	0.10%	7	0.00%	0	0.00%	8	0.00%
12-18 years	242	0.20%	166	0.40%	76	0.10%	4	0.70%	4	0.20%	24	0.10%	0	0.00%	44	0.10%
19-29 years	1,521	1.10%	943	2.30%	578	0.60%	15	2.70%	53	2.50%	131	0.60%	8	0.70%	371	0.60%
30-39 years	3,006	2.30%	1,677	4.00%	1,329	1.50%	23	4.20%	159	7.50%	404	2.00%	19	1.70%	724	1.10%
40-49 years	5,378	4.00%	2,973	7.10%	2,405	2.60%	46	8.30%	192	9.10%	696	3.40%	44	4.00%	1,427	2.10%
50-64 years	22,438	16.80%	9,730	23.30%	12,708	13.90%	127	23.00%	388	18.40%	3,569	17.50%	132	12.10%	8,492	12.60%
65-74 years	43,780	32.80%	13,531	32.30%	30,249	33.10%	178	32.30%	683	32.40%	7,794	38.30%	423	38.70%	21,171	31.40%
≥ 75 years	56,824	42.60%	12,696	30.30%	44,128	48.20%	158	28.70%	624	29.60%	7,740	38.00%	466	42.70%	35,140	52.10%
Sex																
Female	64,698	48.50%	19,503	46.60%	45,195	49.40%	296	53.70%	936	44.40%	11,349	55.70%	427	39.10%	32,187	47.80%
Male	68,643	51.50%	22,330	53.40%	46,313	50.60%	255	46.30%	1,171	55.60%	9,022	44.30%	665	60.90%	35,200	52.20%
Race ²																
American Indian or Alaska Native	551	0.40%	0	0.00%	551	0.60%	551	100.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Asian	2,107	1.60%	0	0.00%	2,107	2.30%	0	0.00%	2,107	100.00%	0	0.00%	0	0.00%	0	0.00%
Black or African American	20,371	15.30%	0	0.00%	20,371	22.30%	0	0.00%	0	0.00%	20,371	100.00%	0	0.00%	0	0.00%
Native Hawaiian or Other Pacific Islander	1,092	0.80%	0	0.00%	1,092	1.20%	0	0.00%	0	0.00%	0	0.00%	1,092	100.00%	0	0.00%
Unknown	41,833	31.40%	41,833	100.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
White	67,387	50.50%	0	0.00%	67,387	73.60%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	67,387	100.00%
Hispanic origin																
Yes	5,576	4.20%	4,968	11.90%	608	0.70%	69	12.50%	90	4.30%	67	0.30%	13	1.20%	369	0.50%
No	67,210	50.40%	102	0.20%	67,108	73.30%	379	68.80%	1,121	53.20%	15,264	74.90%	1,017	93.10%	49,327	73.20%

Table 1c. Aggregated Baseline Characteristics of Members Hospitalized with COVID, Overall and by Race, in the Rapid COVID-19 Sentinel Distributed Database (SDD) between April 1, 2020 and March 31, 2021

Patient Characteristics ¹	Overall		Unknown		Known		American Indian or Alaska Native		Asian		Black or African American		Native Hawaiian or Other Pacific Islander		White	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Unknown	60,555	45.40%	36,763	87.90%	23,792	26.00%	103	18.70%	896	42.50%	5,040	24.70%	62	5.70%	17,691	26.30%
Year																
2020	94,230	70.70%	29,199	69.80%	65,031	71.10%	396	71.90%	1,479	70.20%	14,793	72.60%	779	71.30%	47,584	70.60%
2021	39,111	29.30%	12,634	30.20%	26,477	28.90%	155	28.10%	628	29.80%	5,578	27.40%	313	28.70%	19,803	29.40%
Recorded History of Prior to Index Event (-183,-1)																
Asthma	11,790	8.80%	3,692	8.80%	8,098	8.80%	64	11.60%	163	7.70%	2,229	10.90%	83	7.60%	5,559	8.20%
Any Cancer	15,915	11.90%	4,308	10.30%	11,607	12.70%	46	8.30%	163	7.70%	2,670	13.10%	88	8.10%	8,640	12.80%
COPD	30,019	22.50%	7,407	17.70%	22,612	24.70%	92	16.70%	185	8.80%	4,417	21.70%	170	15.60%	17,748	26.30%
Obesity	40,847	30.60%	12,770	30.50%	28,077	30.70%	139	25.20%	271	12.90%	7,724	37.90%	245	22.40%	19,698	29.20%
Chronic Kidney Disease	43,805	32.90%	11,073	26.50%	32,732	35.80%	140	25.40%	553	26.20%	8,679	42.60%	394	36.10%	22,966	34.10%
Diabetes Mellitus	59,015	44.30%	17,108	40.90%	41,907	45.80%	272	49.40%	939	44.60%	11,399	56.00%	592	54.20%	28,705	42.60%
Hypertension	98,434	73.80%	27,766	66.40%	70,668	77.20%	347	63.00%	1,257	59.70%	17,241	84.60%	792	72.50%	51,031	75.70%
Liver Disease	9,343	7.00%	2,945	7.00%	6,398	7.00%	60	10.90%	126	6.00%	1,346	6.60%	82	7.50%	4,784	7.10%
Vascular Disease	106,628	80.00%	30,296	72.40%	76,332	83.40%	383	69.50%	1,359	64.50%	17,923	88.00%	845	77.40%	55,822	82.80%
Congestive Heart Failure	28,315	21.20%	6,907	16.50%	21,408	23.40%	81	14.70%	208	9.90%	5,515	27.10%	193	17.70%	15,411	22.90%
Coronary Artery Disease	44,484	33.40%	11,234	26.90%	33,250	36.30%	136	24.70%	467	22.20%	7,054	34.60%	345	31.60%	25,248	37.50%
Solid Organ Transplant	237	0.20%	70	0.20%	167	0.20%	0	0.00%	6	0.30%	59	0.30%	5	0.50%	97	0.10%
Blood Stem Cell Transplant	17	0.00%	6	0.00%	11	0.00%	0	0.00%	0	0.00%	1	0.00%	0	0.00%	10	0.00%
HIV	516	0.40%	166	0.40%	350	0.40%	3	0.50%	6	0.30%	212	1.00%	3	0.30%	126	0.20%
Smoking	31,610	23.70%	8,211	19.60%	23,399	25.60%	140	25.40%	214	10.20%	4,941	24.30%	209	19.10%	17,895	26.60%
Alcohol Use/Abuse	3,543	2.70%	1,000	2.40%	2,543	2.80%	35	6.40%	17	0.80%	600	2.90%	21	1.90%	1,870	2.80%
Neurologic Conditions	29,485	22.10%	7,292	17.40%	22,193	24.30%	103	18.70%	225	10.70%	4,653	22.80%	189	17.30%	17,023	25.30%
Sickle Cell Disease	315	0.20%	97	0.20%	218	0.20%	1	0.20%	2	0.10%	202	1.00%	1	0.10%	12	0.00%
Drug Abuse/Dependence	2,527	1.90%	744	1.80%	1,783	1.90%	30	5.40%	8	0.40%	467	2.30%	19	1.70%	1,259	1.90%
Pulmonary Conditions	29,790	22.30%	9,430	22.50%	20,360	22.20%	137	24.90%	391	18.60%	4,257	20.90%	208	19.00%	15,367	22.80%
Cystic Fibrosis	25	0.00%	9	0.00%	16	0.00%	0	0.00%	0	0.00%	1	0.00%	0	0.00%	15	0.00%

Table 1c. Aggregated Baseline Characteristics of Members Hospitalized with COVID, Overall and by Race, in the Rapid COVID-19 Sentinel Distributed Database (SDD) between April 1, 2020 and March 31, 2021

Patient Characteristics ¹	Overall		Unknown		Known		American Indian or Alaska Native		Asian		Black or African American		Native Hawaiian or Other Pacific Islander		White	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Interstitial Lung Disease	3,839	2.90%	1,072	2.60%	2,767	3.00%	14	2.50%	35	1.70%	523	2.60%	35	3.20%	2,160	3.20%
Adult BMI 19.9 or less	1,837	1.40%	455	1.10%	1,382	1.50%	2	0.40%	25	1.20%	335	1.60%	17	1.60%	1,003	1.50%
Adult BMI 20-29	16,140	12.10%	4,594	11.00%	11,546	12.60%	30	5.40%	266	12.60%	2,670	13.10%	180	16.50%	8,400	12.50%
Adult BMI 30-39	20,656	15.50%	6,301	15.10%	14,355	15.70%	52	9.40%	133	6.30%	3,811	18.70%	134	12.30%	10,225	15.20%
Adult BMI 40 or greater	10,538	7.90%	3,354	8.00%	7,184	7.90%	40	7.30%	36	1.70%	2,208	10.80%	43	3.90%	4,857	7.20%
Recorded Use of Prior to Index Event (-183,-1)																
Immunosuppressants	3,961	3.00%	1,183	2.80%	2,778	3.00%	23	4.20%	50	2.40%	729	3.60%	35	3.20%	1,941	2.90%
Immune Modulators	7,125	5.30%	2,227	5.30%	4,898	5.40%	34	6.20%	104	4.90%	1,090	5.40%	47	4.30%	3,623	5.40%
Glucocorticoids Systemic	51,345	38.50%	15,893	38.00%	35,452	38.70%	199	36.10%	587	27.90%	7,136	35.00%	326	29.90%	27,204	40.40%
Glucocorticoids NonSystemic	24,921	18.70%	7,276	17.40%	17,645	19.30%	87	15.80%	364	17.30%	3,605	17.70%	186	17.00%	13,403	19.90%
Glucocorticoids Inhaled	14,636	11.00%	4,186	10.00%	10,450	11.40%	53	9.60%	155	7.40%	2,063	10.10%	80	7.30%	8,099	12.00%
Glucocorticoids Ophthalmic	2,555	1.90%	736	1.80%	1,819	2.00%	8	1.50%	44	2.10%	436	2.10%	28	2.60%	1,303	1.90%
Glucocorticoids Topical	9,835	7.40%	2,918	7.00%	6,917	7.60%	31	5.60%	189	9.00%	1,415	6.90%	102	9.30%	5,180	7.70%
Chemotherapy	4,199	3.10%	1,265	3.00%	2,934	3.20%	14	2.50%	43	2.00%	673	3.30%	27	2.50%	2,177	3.20%
Concurrent Use Of (-30,0)																
ACE Inhibitors	12,023	9.00%	3,781	9.00%	8,242	9.00%	65	11.80%	145	6.90%	1,736	8.50%	97	8.90%	6,199	9.20%
ARBs	11,275	8.50%	3,412	8.20%	7,863	8.60%	41	7.40%	225	10.70%	2,114	10.40%	94	8.60%	5,389	8.00%
Vasopressors	2,058	1.50%	635	1.50%	1,423	1.60%	9	1.60%	41	1.90%	362	1.80%	27	2.50%	984	1.50%
Comorbidity	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation
Charlson/Elixhauser combined comorbidity score ³	2.9	3.3	2.4	3.1	3.2	3.4	2.5	3.1	1.7	2.6	3.5	3.5	2.6	3.2	3.2	3.4
Symptoms at Diagnosis (-1,14)																
Fever	30,295	22.70%	9,545	22.80%	20,750	22.70%	97	17.60%	582	27.60%	5,181	25.40%	253	23.20%	14,637	21.70%
Cough	32,323	24.20%	10,378	24.80%	21,945	24.00%	103	18.70%	597	28.30%	4,838	23.70%	274	25.10%	16,133	23.90%
Dyspnea/Short of Breath	99,740	74.80%	31,218	74.60%	68,522	74.90%	408	74.00%	1,562	74.10%	14,824	72.80%	819	75.00%	50,909	75.50%
Diarrhea	13,627	10.20%	4,049	9.70%	9,578	10.50%	56	10.20%	197	9.30%	2,047	10.00%	86	7.90%	7,192	10.70%

Table 1c. Aggregated Baseline Characteristics of Members Hospitalized with COVID, Overall and by Race, in the Rapid COVID-19 Sentinel Distributed Database (SDD) between April 1, 2020 and March 31, 2021

Patient Characteristics ¹	Overall		Unknown		Known		American Indian or Alaska Native		Asian		Black or African American		Native Hawaiian or Other Pacific Islander		White	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Myalgia	2,137	1.60%	780	1.90%	1,357	1.50%	7	1.30%	41	1.90%	268	1.30%	18	1.60%	1,023	1.50%
Malaise or Fatigue	43,419	32.60%	11,850	28.30%	31,569	34.50%	133	24.10%	549	26.10%	6,909	33.90%	319	29.20%	23,659	35.10%
Smell or Taste Disturbance	1,191	0.90%	403	1.00%	788	0.90%	5	0.90%	20	0.90%	200	1.00%	12	1.10%	551	0.80%
Nasal Congestion	678	0.50%	235	0.60%	443	0.50%	2	0.40%	6	0.30%	98	0.50%	2	0.20%	335	0.50%
Sore Throat	1,160	0.90%	411	1.00%	749	0.80%	5	0.90%	27	1.30%	155	0.80%	10	0.90%	552	0.80%
Nausea or Vomiting	13,086	9.80%	4,068	9.70%	9,018	9.90%	61	11.10%	158	7.50%	1,944	9.50%	84	7.70%	6,771	10.00%
Headache	1,556	1.20%	514	1.20%	1,042	1.10%	9	1.60%	36	1.70%	293	1.40%	21	1.90%	683	1.00%
Multi-system Inflammatory Syndrome	92	0.10%	45	0.10%	47	0.10%	0	0.00%	1	0.00%	16	0.10%	0	0.00%	30	0.00%
Index Criteria (-7,7)																
COVID Positive Diagnosis	133,341	100.00%	41,833	100.00%	91,508	100.00%	551	100.00%	2,107	100.00%	20,371	100.00%	1,092	100.00%	67,387	100.00%
Inpatient Hospitalization	133,341	100.00%	41,833	100.00%	91,508	100.00%	551	100.00%	2,107	100.00%	20,371	100.00%	1,092	100.00%	67,387	100.00%
COVID Positive Diagnosis - Inpatient	133,341	100.00%	41,833	100.00%	91,508	100.00%	551	100.00%	2,107	100.00%	20,371	100.00%	1,092	100.00%	67,387	100.00%
Index Criteria (0,0)																
Intensive Care	67,988	51.00%	21,345	51.00%	46,643	51.00%	247	44.80%	1,088	51.60%	10,727	52.70%	595	54.50%	33,986	50.40%
ECMO	177	0.10%	101	0.20%	76	0.10%	0	0.00%	10	0.50%	22	0.10%	1	0.10%	43	0.10%
Mechanical Ventilation	22,913	17.20%	7,032	16.80%	15,881	17.40%	93	16.90%	430	20.40%	3,811	18.70%	245	22.40%	11,302	16.80%
Renal Replacement Therapy + Acute Renal Failure Diagnosis	1,509	1.10%	636	1.50%	873	1.00%	5	0.90%	38	1.80%	353	1.70%	7	0.60%	470	0.70%
Health Service Utilization Intensity (-183, -1)																
	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation
Mean number of ambulatory encounters	13.5	15.4	12.4	15.6	14.1	15.2	12.3	16.5	10.3	15.5	14.1	16.4	10.7	12.8	14.2	14.9
Mean number of emergency room encounters	0.8	2.1	0.9	2.1	0.8	2	1.2	3.2	0.6	1.2	0.9	2.6	0.5	1.1	0.8	1.9
Mean number of inpatient hospital encounters	0.3	0.7	0.2	0.7	0.3	0.8	0.4	0.9	0.1	0.5	0.3	0.8	0.2	0.6	0.3	0.8

Table 1c. Aggregated Baseline Characteristics of Members Hospitalized with COVID, Overall and by Race, in the Rapid COVID-19 Sentinel Distributed Database (SDD) between April 1, 2020 and March 31, 2021

Patient Characteristics ¹	Overall		Unknown		Known		American Indian or Alaska Native		Asian		Black or African American		Native Hawaiian or Other Pacific Islander		White	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Mean number of non-acute institutional encounters	0.5	1.4	0.3	1	0.6	1.5	0.3	1.1	0.2	1	0.7	1.8	0.5	1.5	0.5	1.4
Mean number of other ambulatory encounters	3.7	7.3	2.9	6.7	4	7.5	4.2	7.1	3.7	7.5	4.2	8.9	4.4	10.2	4	7
Mean number of filled prescriptions	20.8	20.7	18.9	19.5	21.7	21.2	21.5	24.2	14.2	14.5	21.6	20.4	16.8	17.1	22	21.6
Mean number of generics dispensed	8.8	6	8.1	5.9	9.1	6.1	8	6.5	6.7	4.9	9.3	5.9	7.9	5.4	9.2	6.1
Mean number of unique drug classes dispensed	8.2	5.5	7.5	5.3	8.6	5.5	7.4	5.8	6.3	4.5	8.7	5.3	7.4	4.9	8.6	5.6

¹All metrics are based on total number of episodes per group, except for sex, race, and Hispanic origin which are based on total number of unique patients.

²Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

³The Charlson/Elixhauser Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A combined comorbidity score predicted mortality in elderly patients better than existing scores. J Clin Epidemiol. 2011;64(7):749-759)

Table 1d. Aggregated Baseline Characteristics of Members Hospitalized with Critical COVID, Overall and by Race, in the Rapid COVID-19 Sentinel Distributed Database (SDD) between April 1, 2020 and March 31, 2021

Patient Characteristics ¹	Overall		Unknown		Known		American Indian or Alaska Native		Asian		Black or African American		Other Pacific Islander		White	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Unique patients	74,389	N/A	23,106	N/A	51,283	N/A	288	N/A	1,163	N/A	11,780	N/A	648	N/A	37,404	N/A
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation
Age (years)	71.9	12.5	67.6	14.2	73.8	11.2	67.8	12.5	67.3	13.1	71.4	11.5	72.3	9.7	74.8	10.8
Age	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0-5 years	32	0.00%	24	0.10%	8	0.00%	0	0.00%	0	0.00%	4	0.00%	0	0.00%	4	0.00%
6-11 years	24	0.00%	19	0.10%	5	0.00%	0	0.00%	1	0.10%	1	0.00%	0	0.00%	3	0.00%
12-18 years	79	0.10%	57	0.20%	22	0.00%	0	0.00%	0	0.00%	9	0.10%	0	0.00%	13	0.00%
19-29 years	477	0.60%	301	1.30%	176	0.30%	4	1.40%	19	1.60%	48	0.40%	1	0.20%	104	0.30%
30-39 years	1,155	1.60%	657	2.80%	498	1.00%	6	2.10%	59	5.10%	176	1.50%	12	1.90%	245	0.70%
40-49 years	2,723	3.70%	1,550	6.70%	1,173	2.30%	23	8.00%	88	7.60%	366	3.10%	24	3.70%	672	1.80%
50-64 years	12,480	16.80%	5,442	23.60%	7,038	13.70%	70	24.30%	220	18.90%	2,017	17.10%	78	12.00%	4,653	12.40%
65-74 years	25,308	34.00%	7,908	34.20%	17,400	33.90%	90	31.30%	396	34.00%	4,614	39.20%	246	38.00%	12,054	32.20%
≥ 75 years	32,111	43.20%	7,148	30.90%	24,963	48.70%	95	33.00%	380	32.70%	4,545	38.60%	287	44.30%	19,656	52.60%
Sex																
Female	33,690	45.30%	9,916	42.90%	23,774	46.40%	141	49.00%	458	39.40%	6,317	53.60%	217	33.50%	16,641	44.50%
Male	40,699	54.70%	13,190	57.10%	27,509	53.60%	147	51.00%	705	60.60%	5,463	46.40%	431	66.50%	20,763	55.50%
Race ²																
American Indian or Alaska Native	288	0.40%	0	0.00%	288	0.60%	288	100.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Asian	1,163	1.60%	0	0.00%	1,163	2.30%	0	0.00%	1,163	100.00%	0	0.00%	0	0.00%	0	0.00%
Black or African American	11,780	15.80%	0	0.00%	11,780	23.00%	0	0.00%	0	0.00%	11,780	100.00%	0	0.00%	0	0.00%
Native Hawaiian or Other Pacific Islander	648	0.90%	0	0.00%	648	1.30%	0	0.00%	0	0.00%	0	0.00%	648	100.00%	0	0.00%
Unknown	23,106	31.10%	23,106	100.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
White	37,404	50.30%	0	0.00%	37,404	72.90%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	37,404	100.00%
Hispanic origin																
Yes	3,275	4.40%	2,963	12.80%	312	0.60%	32	11.10%	50	4.30%	35	0.30%	7	1.10%	188	0.50%

Table 1d. Aggregated Baseline Characteristics of Members Hospitalized with Critical COVID, Overall and by Race, in the Rapid COVID-19 Sentinel Distributed Database (SDD) between April 1, 2020 and March 31, 2021

Patient Characteristics ¹	Overall		Unknown		Known		American Indian or Alaska Native		Asian		Black or African American		Other Pacific Islander		White	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
No	37,567	50.50%	51	0.20%	37,516	73.20%	198	68.80%	627	53.90%	8,884	75.40%	601	92.70%	27,206	72.70%
Unknown	33,547	45.10%	20,092	87.00%	13,455	26.20%	58	20.10%	486	41.80%	2,861	24.30%	40	6.20%	10,010	26.80%
Year																
2020	52,933	71.20%	16,176	70.00%	36,757	71.70%	215	74.70%	817	70.20%	8,673	73.60%	463	71.50%	26,589	71.10%
2021	21,456	28.80%	6,930	30.00%	14,526	28.30%	73	25.30%	346	29.80%	3,107	26.40%	185	28.50%	10,815	28.90%
Recorded History of Prior to Index Event (-183,-1)																
Asthma	6,492	8.70%	1,989	8.60%	4,503	8.80%	39	13.50%	91	7.80%	1,298	11.00%	46	7.10%	3,029	8.10%
Any Cancer	9,329	12.50%	2,518	10.90%	6,811	13.30%	33	11.50%	99	8.50%	1,634	13.90%	56	8.60%	4,989	13.30%
COPD	18,426	24.80%	4,569	19.80%	13,857	27.00%	55	19.10%	117	10.10%	2,822	24.00%	111	17.10%	10,752	28.70%
Obesity	24,080	32.40%	7,329	31.70%	16,751	32.70%	74	25.70%	160	13.80%	4,658	39.50%	148	22.80%	11,711	31.30%
Chronic Kidney Disease	26,951	36.20%	6,893	29.80%	20,058	39.10%	77	26.70%	368	31.60%	5,453	46.30%	255	39.40%	13,905	37.20%
Diabetes Mellitus	35,225	47.40%	10,245	44.30%	24,980	48.70%	157	54.50%	559	48.10%	6,908	58.60%	355	54.80%	17,001	45.50%
Hypertension	56,932	76.50%	16,065	69.50%	40,867	79.70%	193	67.00%	748	64.30%	10,211	86.70%	480	74.10%	29,235	78.20%
Liver Disease	5,607	7.50%	1,765	7.60%	3,842	7.50%	32	11.10%	80	6.90%	841	7.10%	45	6.90%	2,844	7.60%
Vascular Disease	61,406	82.50%	17,478	75.60%	43,928	85.70%	210	72.90%	806	69.30%	10,617	90.10%	510	78.70%	31,785	85.00%
Congestive Heart Failure	18,094	24.30%	4,450	19.30%	13,644	26.60%	48	16.70%	140	12.00%	3,632	30.80%	136	21.00%	9,688	25.90%
Coronary Artery Disease	27,328	36.70%	6,948	30.10%	20,380	39.70%	74	25.70%	297	25.50%	4,529	38.40%	229	35.30%	15,251	40.80%
Solid Organ Transplant	156	0.20%	46	0.20%	110	0.20%	0	0.00%	4	0.30%	46	0.40%	3	0.50%	57	0.20%
Blood Stem Cell Transplant	10	0.00%	2	0.00%	8	0.00%	0	0.00%	0	0.00%	1	0.00%	0	0.00%	7	0.00%
HIV	305	0.40%	100	0.40%	205	0.40%	1	0.30%	2	0.20%	127	1.10%	2	0.30%	73	0.20%
Smoking	19,025	25.60%	4,885	21.10%	14,140	27.60%	76	26.40%	124	10.70%	3,086	26.20%	135	20.80%	10,719	28.70%
Alcohol Use/Abuse	2,180	2.90%	608	2.60%	1,572	3.10%	21	7.30%	9	0.80%	405	3.40%	14	2.20%	1,123	3.00%
Neurologic Conditions	16,596	22.30%	4,115	17.80%	12,481	24.30%	57	19.80%	126	10.80%	2,735	23.20%	111	17.10%	9,452	25.30%
Sickle Cell Disease	182	0.20%	47	0.20%	135	0.30%	1	0.30%	0	0.00%	123	1.00%	1	0.20%	10	0.00%
Drug Abuse/Dependence	1,448	1.90%	417	1.80%	1,031	2.00%	15	5.20%	4	0.30%	283	2.40%	9	1.40%	720	1.90%
Pulmonary Conditions	19,980	26.90%	6,190	26.80%	13,790	26.90%	95	33.00%	241	20.70%	3,011	25.60%	149	23.00%	10,294	27.50%
Cystic Fibrosis	12	0.00%	4	0.00%	8	0.00%	0	0.00%	0	0.00%	1	0.00%	0	0.00%	7	0.00%

Table 1d. Aggregated Baseline Characteristics of Members Hospitalized with Critical COVID, Overall and by Race, in the Rapid COVID-19 Sentinel Distributed Database (SDD) between April 1, 2020 and March 31, 2021

Patient Characteristics ¹	Overall		Unknown		Known		American Indian or Alaska Native		Asian		Black or African American		Other Pacific Islander		White	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Interstitial Lung Disease	2,568	3.50%	712	3.10%	1,856	3.60%	9	3.10%	22	1.90%	372	3.20%	19	2.90%	1,434	3.80%
Adult BMI 19.9 or less	1,128	1.50%	283	1.20%	845	1.60%	1	0.30%	14	1.20%	210	1.80%	12	1.90%	608	1.60%
Adult BMI 20-29	9,384	12.60%	2,638	11.40%	6,746	13.20%	19	6.60%	155	13.30%	1,531	13.00%	123	19.00%	4,918	13.10%
Adult BMI 30-39	12,324	16.60%	3,652	15.80%	8,672	16.90%	21	7.30%	81	7.00%	2,354	20.00%	81	12.50%	6,135	16.40%
Adult BMI 40 or greater	6,364	8.60%	1,998	8.60%	4,366	8.50%	24	8.30%	25	2.10%	1,351	11.50%	27	4.20%	2,939	7.90%
Recorded Use of Prior to Index Event (-183,-1)																
Immunosuppressants	2,297	3.10%	672	2.90%	1,625	3.20%	16	5.60%	31	2.70%	449	3.80%	15	2.30%	1,114	3.00%
Immune Modulators	4,167	5.60%	1,288	5.60%	2,879	5.60%	21	7.30%	61	5.20%	681	5.80%	25	3.90%	2,091	5.60%
Glucocorticoids Systemic	30,018	40.40%	9,103	39.40%	20,915	40.80%	122	42.40%	340	29.20%	4,302	36.50%	210	32.40%	15,941	42.60%
Glucocorticoids NonSystemic	14,476	19.50%	4,148	18.00%	10,328	20.10%	44	15.30%	209	18.00%	2,203	18.70%	130	20.10%	7,742	20.70%
Glucocorticoids Inhaled	8,625	11.60%	2,427	10.50%	6,198	12.10%	26	9.00%	88	7.60%	1,297	11.00%	60	9.30%	4,727	12.60%
Glucocorticoids Ophthalmic	1,510	2.00%	430	1.90%	1,080	2.10%	3	1.00%	28	2.40%	268	2.30%	18	2.80%	763	2.00%
Glucocorticoids Topical	5,645	7.60%	1,643	7.10%	4,002	7.80%	18	6.30%	107	9.20%	840	7.10%	72	11.10%	2,965	7.90%
Chemotherapy	2,438	3.30%	735	3.20%	1,703	3.30%	10	3.50%	29	2.50%	398	3.40%	20	3.10%	1,246	3.30%
Concurrent Use Of (-30,0)																
ACE Inhibitors	6,689	9.00%	2,121	9.20%	4,568	8.90%	39	13.50%	92	7.90%	950	8.10%	57	8.80%	3,430	9.20%
ARBs	6,471	8.70%	1,985	8.60%	4,486	8.70%	21	7.30%	136	11.70%	1,211	10.30%	67	10.30%	3,051	8.20%
Vasopressors	2,063	2.80%	630	2.70%	1,433	2.80%	8	2.80%	40	3.40%	378	3.20%	25	3.90%	982	2.60%
Comorbidity	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation
Charlson/Elixhauser combined comorbidity score ³	3.3	3.5	2.7	3.3	3.5	3.5	2.7	3.3	2	2.8	3.8	3.7	2.8	3.3	3.5	3.5
Symptoms at Diagnosis (-1,14)																
Fever	17,014	22.90%	5,371	23.20%	11,643	22.70%	48	16.70%	333	28.60%	2,968	25.20%	148	22.80%	8,146	21.80%
Cough	16,941	22.80%	5,495	23.80%	11,446	22.30%	52	18.10%	324	27.90%	2,528	21.50%	151	23.30%	8,391	22.40%
Dyspnea/Short of Breath	58,609	78.80%	18,304	79.20%	40,305	78.60%	228	79.20%	931	80.10%	8,995	76.40%	518	79.90%	29,633	79.20%
Diarrhea	6,777	9.10%	2,034	8.80%	4,743	9.20%	24	8.30%	104	8.90%	1,087	9.20%	41	6.30%	3,487	9.30%

Table 1d. Aggregated Baseline Characteristics of Members Hospitalized with Critical COVID, Overall and by Race, in the Rapid COVID-19 Sentinel Distributed Database (SDD) between April 1, 2020 and March 31, 2021

Patient Characteristics ¹	Overall		Unknown		Known		American Indian or Alaska Native		Asian		Black or African American		Other Pacific Islander		White	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Myalgia	991	1.30%	351	1.50%	640	1.20%	4	1.40%	23	2.00%	132	1.10%	10	1.50%	471	1.30%
Malaise or Fatigue	23,181	31.20%	6,354	27.50%	16,827	32.80%	77	26.70%	320	27.50%	3,826	32.50%	179	27.60%	12,425	33.20%
Smell or Taste Disturbance	554	0.70%	193	0.80%	361	0.70%	1	0.30%	11	0.90%	82	0.70%	5	0.80%	262	0.70%
Nasal Congestion	344	0.50%	108	0.50%	236	0.50%	0	0.00%	3	0.30%	50	0.40%	2	0.30%	181	0.50%
Sore Throat	560	0.80%	208	0.90%	352	0.70%	2	0.70%	12	1.00%	73	0.60%	5	0.80%	260	0.70%
Nausea or Vomiting	6,582	8.80%	2,059	8.90%	4,523	8.80%	27	9.40%	86	7.40%	1,048	8.90%	31	4.80%	3,331	8.90%
Headache	825	1.10%	272	1.20%	553	1.10%	5	1.70%	19	1.60%	160	1.40%	10	1.50%	359	1.00%
Multi-system Inflammatory Syndrome	59	0.10%	31	0.10%	28	0.10%	0	0.00%	0	0.00%	12	0.10%	0	0.00%	16	0.00%
Index Criteria (-7,7)																
COVID Positive Diagnosis	74,389	100.00%	23,106	100.00%	51,283	100.00%	288	100.00%	1,163	100.00%	11,780	100.00%	648	100.00%	37,404	100.00%
Inpatient Hospitalization	74,389	100.00%	23,106	100.00%	51,283	100.00%	288	100.00%	1,163	100.00%	11,780	100.00%	648	100.00%	37,404	100.00%
COVID Positive Diagnosis - Inpatient	74,389	100.00%	23,106	100.00%	51,283	100.00%	288	100.00%	1,163	100.00%	11,780	100.00%	648	100.00%	37,404	100.00%
Index Criteria (0,0)																
Intensive Care	71,472	96.10%	22,290	96.50%	49,182	95.90%	265	92.00%	1,113	95.70%	11,271	95.70%	621	95.80%	35,912	96.00%
ECMO	182	0.20%	103	0.40%	79	0.20%	0	0.00%	10	0.90%	22	0.20%	1	0.20%	46	0.10%
Mechanical Ventilation	24,252	32.60%	7,376	31.90%	16,876	32.90%	103	35.80%	440	37.80%	4,055	34.40%	253	39.00%	12,025	32.10%
Renal Replacement Therapy + Acute Renal Failure Diagnosis	1,565	2.10%	656	2.80%	909	1.80%	5	1.70%	40	3.40%	368	3.10%	7	1.10%	489	1.30%
Health Service Utilization Intensity (-183, -1)																
	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
	Mean	Deviation	Mean	Deviation	Mean	Deviation	Mean	Deviation	Mean	Deviation	Mean	Deviation	Mean	Deviation	Mean	Deviation
Mean number of ambulatory encounters	14.5	16.8	13.2	17.3	15	16.5	12.8	18.8	10.9	16.8	15.3	17.9	11.2	13.5	15.1	16
Mean number of emergency room encounters	0.9	2.2	1	2.2	0.8	2.2	1.4	4	0.6	1.3	0.9	2.8	0.4	0.9	0.8	2
Mean number of inpatient hospital encounters	0.4	0.8	0.3	0.8	0.4	0.8	0.5	1	0.2	0.6	0.4	0.9	0.3	0.7	0.4	0.8
Mean number of non-acute institutional encounters	0.5	1.4	0.3	1.1	0.6	1.6	0.3	1.1	0.2	1	0.8	1.9	0.5	1.6	0.6	1.4

Table 1d. Aggregated Baseline Characteristics of Members Hospitalized with Critical COVID, Overall and by Race, in the Rapid COVID-19 Sentinel Distributed Database (SDD) between April 1, 2020 and March 31, 2021

Patient Characteristics ¹	Overall		Unknown		Known		American Indian or Alaska Native		Asian		Black or African American		Other Pacific Islander		White	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Mean number of other ambulatory encounters	3.9	7.8	3.2	7.5	4.2	7.9	4.3	7.7	3.8	8.1	4.5	9.4	4.8	11.3	4.1	7.2
Mean number of filled prescriptions	21.5	21.1	19.8	20.2	22.3	21.5	23.8	26.9	15.1	14.4	22.4	20.8	17.3	17.2	22.6	21.8
Mean number of generics dispensed	9.2	6.1	8.5	6	9.5	6.2	8.6	6.5	7.1	5	9.6	6	8.3	5.5	9.5	6.3
Mean number of unique drug classes dispensed	8.6	5.6	7.9	5.4	8.9	5.6	7.9	5.8	6.6	4.6	9	5.4	7.7	5	8.9	5.7

¹All metrics are based on total number of episodes per group, except for sex, race, and Hispanic origin which are based on total number of unique patients.

²Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

³The Charlson/Elixhauser Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A combined comorbidity score predicted mortality in elderly patients better than existing scores. J Clin Epidemiol. 2011;64(7):749-759)

Table 2a. Characteristic Profile of Index = COVID+: Outcome = Hospitalized with COVID, Overall Race in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021

Characteristic Category	Number of Patients	Percent of Total Number of Patients
Intensive Care only	30,062	3.2%
Mechanical Ventilation only	1,503	0.2%
Renal Replacement Combo only	177	0.0%
Intensive Care and ECMO	11	0.0%
Intensive Care and Mechanical Ventilation	12,975	1.4%
Intensive Care and Renal Replacement Combo	272	0.0%
ECMO and Renal Replacement Combo	2	0.0%
Mechanical Ventilation and Renal Replacement Combo	14	0.0%
Intensive Care and ECMO and Mechanical Ventilation	63	0.0%
Intensive Care and ECMO and Renal Replacement Combo	6	0.0%
Intensive Care and Mechanical Ventilation and Renal Replacement Combo	484	0.1%
All Characteristics Present	9	0.0%
No Characteristics Present	885,028	95.1%

Table 2b. Characteristic Profile of Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, Overall Race in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021

Characteristic Category	Number of Patients	Percent of Total Number of Patients
Intensive Care only	47,069	35.3%
Mechanical Ventilation only	2,384	1.8%
Renal Replacement Combo only	296	0.2%
Intensive Care and ECMO	16	0.0%
Intensive Care and Mechanical Ventilation	19,594	14.7%
Intensive Care and Renal Replacement Combo	393	0.3%
ECMO and Renal Replacement Combo	3	0.0%
Mechanical Ventilation and Renal Replacement Combo	26	0.0%
Intensive Care and ECMO and Mechanical Ventilation	125	0.1%
Intensive Care and ECMO and Renal Replacement Combo	7	0.0%
Intensive Care and Mechanical Ventilation and Renal Replacement Combo	758	0.6%
All Characteristics Present	26	0.0%
No Characteristics Present	62,644	47.0%

Table 2c. Characteristic Profile of Index = Hospitalized with Critical COVID: Outcome = None, Overall Race in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021

Characteristic Category	Number of Patients	Percent of Total Number of Patients
Intensive Care only	49,388	66.4%
ECMO only	1	0.0%
Mechanical Ventilation only	2,572	3.5%
Renal Replacement Combo only	314	0.4%
Intensive Care and ECMO	17	0.0%
Intensive Care and Mechanical Ventilation	20,718	27.9%
Intensive Care and Renal Replacement Combo	407	0.5%
ECMO and Renal Replacement Combo	3	0.0%
Mechanical Ventilation and Renal Replacement Combo	27	0.0%
Intensive Care and ECMO and Mechanical Ventilation	128	0.2%
Intensive Care and ECMO and Renal Replacement Combo	7	0.0%
Intensive Care and Mechanical Ventilation and Renal Replacement Combo	781	1.0%
All Characteristics Present	26	0.0%
No Characteristics Present	0	0.0%

Table 3. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ¹	Number of Patients with Subsequent Outcome Event	Eligible Members ¹	Patients with Subsequent Outcome per 10,000 Patients
Index = Evidence of PCR Test for SARS COV2: Outcome = None	2,270,701	1,412.96	N/A ²	16,070,578	N/A
Index = Evidence of PCR Test for SARS COV2: Outcome = COVID+	2,270,701	1,412.96	383,447	16,070,578	1,688.67
Index = COVID+: Outcome = Hospitalized with COVID, Overall Race	930,606	579.07	133,341	16,070,578	1,432.84
Index = COVID+: Outcome = Hospitalized with COVID, Unknown Race	422,789	555.54	41,833	7,610,411	989.45
Index = COVID+: Outcome = Hospitalized with COVID, Known Race	507,817	600.24	91,508	8,460,167	1,801.99
Index = COVID+: Outcome = Hospitalized with Critical COVID	930,606	579.07	74,389	16,070,578	799.36
Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, Overall Race	133,341	82.97	74,389	16,070,578	5,578.85
Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, Unknown Race	41,833	54.97	23,106	7,610,411	5,523.39
Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, Known Race	91,508	108.16	51,283	8,460,167	5,604.21
Index = Hospitalized with Critical COVID: Outcome = None, Overall Race	74,389	46.29	N/A	16,070,578	N/A
Index = Hospitalized with Critical COVID: Outcome = None, Unknown Race	23,106	30.36	N/A	7,610,411	N/A
Index = Hospitalized with Critical COVID: Outcome = None, Known Race	51,283	60.62	N/A	8,460,167	N/A
Index = COVID+: Outcome = Death	930,606	579.07	24,651	16,070,578	264.89
Index = Hospitalized with COVID: Outcome = Death	133,341	82.97	21,054	16,070,578	1,578.96

¹Eligible Members are reflective of the number of patients that met all cohort entry criteria on at least one day during the query period.

²Data presented by a dash, asterisk, or period represent missing information. Data represented by NaN (Not a Number) is due to their inability to be calculated. This table may not use all data representations.

Table 4. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Year and Month

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ¹	Number of Patients with Subsequent Outcome Event	Eligible Members ¹	Patients with Subsequent Outcome per 10,000 Patients
Index = Evidence of PCR Test for SARS COV2: Outcome = None					
<i>2020</i>					
April	62,595	52.37	N/A ²	11,953,153	N/A
May	116,758	98.04	N/A	11,909,143	N/A
June	198,370	168.15	N/A	11,796,970	N/A
July	275,987	204.67	N/A	13,484,773	N/A
August	201,567	150.76	N/A	13,369,920	N/A
September	174,714	134.82	N/A	12,958,639	N/A
October	236,227	181.91	N/A	12,985,656	N/A
November	313,177	248.64	N/A	12,595,473	N/A
December	272,259	216.6	N/A	12,569,736	N/A
<i>2021</i>					
January	194,626	172.65	N/A	11,273,059	N/A
February	114,287	104.8	N/A	10,904,730	N/A
March	110,134	101.45	N/A	10,856,113	N/A
Index = Evidence of PCR Test for SARS COV2: Outcome = COVID+					
<i>2020</i>					
April	62,595	52.37	14,948	11,953,153	2,388.05
May	116,758	98.04	17,883	11,909,143	1,531.63
June	198,370	168.15	31,286	11,796,970	1,577.15
July	275,987	204.67	46,614	13,484,773	1,688.99
August	201,567	150.76	28,599	13,369,920	1,418.83
September	174,714	134.82	24,110	12,958,639	1,379.97
October	236,227	181.91	36,776	12,985,656	1,556.81
November	313,177	248.64	63,144	12,595,473	2,016.24
December	272,259	216.6	57,381	12,569,736	2,107.59
<i>2021</i>					
January	194,626	172.65	38,290	11,273,059	1,967.36
February	114,287	104.8	14,022	10,904,730	1,226.91
March	110,134	101.45	10,394	10,856,113	943.76
Index = COVID+: Outcome = Hospitalized with COVID, Overall Race					
<i>2020</i>					
April	29,285	24.5	7,511	11,953,153	2,564.79
May	24,629	20.62	3,575	11,943,321	1,451.54
June	35,823	30.05	4,529	11,922,110	1,264.27

Table 4. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Year and Month

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ¹	Number of Patients with Subsequent Outcome Event	Eligible Members ¹	Patients with Subsequent Outcome per 10,000 Patients
July	71,930	52.25	11,108	13,767,464	1,544.28
August	47,394	34.23	7,026	13,846,608	1,482.47
September	43,077	31.72	5,624	13,579,416	1,305.57
October	73,622	53.64	10,251	13,726,224	1,392.38
November	155,640	115.4	21,331	13,486,911	1,370.53
December	187,265	137.61	27,074	13,608,341	1,445.76
2021					
January	148,721	120.75	21,109	12,316,623	1,419.37
February	61,584	51.4	8,464	11,981,343	1,374.38
March	51,636	43.12	5,739	11,974,512	1,111.43
Index = COVID+: Outcome = Hospitalized with COVID, Unknown Race					
2020					
April	10,702	23.16	1,810	4,621,694	1,691.27
May	9,374	20.21	841	4,637,966	897.16
June	16,260	35.01	1,168	4,643,762	718.33
July	34,540	56.78	3,583	6,082,881	1,037.35
August	21,641	35.17	2,223	6,152,700	1,027.22
September	19,793	33.04	1,828	5,990,224	923.56
October	33,113	54.16	3,219	6,113,419	972.13
November	69,487	116.21	6,967	5,979,522	1,002.63
December	85,513	139.97	8,777	6,109,180	1,026.39
2021					
January	68,726	124.97	6,631	5,499,271	964.85
February	28,845	54.15	2,731	5,327,347	946.78
March	24,795	46.29	2,055	5,356,573	828.8
Index = COVID+: Outcome = Hospitalized with COVID, Known Race					
2020					
April	18,583	25.35	5,701	7,331,459	3,067.86
May	15,255	20.88	2,734	7,305,355	1,792.20
June	19,563	26.88	3,361	7,278,348	1,718.04
July	37,390	48.66	7,525	7,684,583	2,012.57
August	25,753	33.47	4,803	7,693,908	1,865.03
September	23,284	30.68	3,796	7,589,192	1,630.30
October	40,509	53.21	7,032	7,612,805	1,735.91
November	86,153	114.76	14,364	7,507,389	1,667.27

Table 4. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Year and Month

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ¹	Number of Patients with Subsequent Outcome Event	Eligible Members ¹	Patients with Subsequent Outcome per 10,000 Patients
December	101,752	135.68	18,297	7,499,161	1,798.20
2021					
January	79,995	117.34	14,478	6,817,352	1,809.86
February	32,739	49.2	5,733	6,653,996	1,751.12
March	26,841	40.56	3,684	6,617,939	1,372.53
Index = COVID+: Outcome = Hospitalized with Critical COVID					
2020					
April	29,285	24.5	4,315	11,953,153	1,473.45
May	24,629	20.62	2,051	11,943,321	832.76
June	35,823	30.05	2,844	11,922,110	793.9
July	71,930	52.25	6,756	13,767,464	939.25
August	47,394	34.23	4,164	13,846,608	878.59
September	43,077	31.72	3,208	13,579,416	744.71
October	73,622	53.64	5,720	13,726,224	776.94
November	155,640	115.4	11,505	13,486,911	739.21
December	187,265	137.61	14,770	13,608,341	788.72
2021					
January	148,721	120.75	11,315	12,316,623	760.82
February	61,584	51.4	4,678	11,981,343	759.61
March	51,636	43.12	3,063	11,974,512	593.19
Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, Overall Race					
2020					
April	6,876	5.75	3,973	11,953,153	5,778.07
May	3,461	2.89	2,011	11,964,657	5,810.46
June	3,887	3.25	2,460	11,963,295	6,328.79
July	10,563	7.63	6,453	13,838,866	6,109.06
August	7,150	5.12	4,247	13,976,329	5,939.86
September	5,305	3.86	3,039	13,745,512	5,728.56
October	9,477	6.81	5,340	13,925,642	5,634.69
November	20,406	14.84	11,039	13,746,058	5,409.68
December	27,105	19.37	14,782	13,996,406	5,453.61
2021					
January	22,792	17.8	12,242	12,804,903	5,371.18
February	9,745	7.74	5,334	12,584,085	5,473.58
March	6,574	5.21	3,469	12,618,810	5,276.85

Table 4. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Year and Month

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ¹	Number of Patients with Subsequent Outcome Event	Eligible Members ¹	Patients with Subsequent Outcome per 10,000 Patients
Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, Unknown Race					
<i>2020</i>					
April	1,662	3.6	899	4,621,694	5,409.15
May	835	1.8	479	4,646,738	5,736.53
June	1,008	2.16	619	4,660,562	6,140.87
July	3,360	5.5	2,060	6,114,026	6,130.95
August	2,244	3.61	1,306	6,213,323	5,819.96
September	1,747	2.88	1,014	6,068,089	5,804.24
October	3,012	4.85	1,677	6,206,728	5,567.73
November	6,593	10.81	3,536	6,100,486	5,363.26
December	8,738	13.89	4,728	6,289,401	5,410.85
<i>2021</i>					
January	7,126	12.44	3,814	5,726,028	5,352.23
February	3,130	5.58	1,728	5,609,776	5,520.77
March	2,378	4.2	1,246	5,659,155	5,239.70
Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, Known Race					
<i>2020</i>					
April	5,214	7.11	3,074	7,331,459	5,895.67
May	2,626	3.59	1,532	7,317,919	5,833.97
June	2,879	3.94	1,841	7,302,733	6,394.58
July	7,203	9.32	4,393	7,724,840	6,098.85
August	4,906	6.32	2,941	7,763,006	5,994.70
September	3,558	4.63	2,025	7,677,423	5,691.40
October	6,465	8.38	3,663	7,718,914	5,665.89
November	13,813	18.07	7,503	7,645,572	5,431.84
December	18,367	23.83	10,054	7,707,005	5,473.95
<i>2021</i>					
January	15,666	22.13	8,428	7,078,875	5,379.80
February	6,615	9.48	3,606	6,974,309	5,451.25
March	4,196	6.03	2,223	6,959,655	5,297.90
Index = Hospitalized with Critical COVID: Outcome = None, Overall Race					
<i>2020</i>					
April	3,903	3.27	N/A	11,953,153	N/A
May	2,023	1.69	N/A	11,967,255	N/A
June	2,421	2.02	N/A	11,967,051	N/A

Table 4. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Year and Month

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ¹	Number of Patients with Subsequent Outcome Event	Eligible Members ¹	Patients with Subsequent Outcome per 10,000 Patients
July	6,369	4.6	N/A	13,843,864	N/A
August	4,285	3.06	N/A	13,985,131	N/A
September	3,064	2.23	N/A	13,756,722	N/A
October	5,253	3.77	N/A	13,938,658	N/A
November	10,879	7.9	N/A	13,762,832	N/A
December	14,736	10.51	N/A	14,021,932	N/A
2021					
January	12,338	9.61	N/A	12,837,881	N/A
February	5,465	4.33	N/A	12,625,706	N/A
March	3,653	2.88	N/A	12,663,327	N/A
Index = Hospitalized with Critical COVID: Outcome = None, Unknown Race					
2020					
April	886	1.92	N/A	4,621,694	N/A
May	485	1.04	N/A	4,647,460	N/A
June	613	1.32	N/A	4,661,579	N/A
July	2,035	3.33	N/A	6,115,393	N/A
August	1,304	2.1	N/A	6,215,907	N/A
September	1,025	1.69	N/A	6,071,474	N/A
October	1,650	2.66	N/A	6,210,694	N/A
November	3,482	5.7	N/A	6,105,685	N/A
December	4,696	7.46	N/A	6,297,498	N/A
2021					
January	3,857	6.72	N/A	5,736,595	N/A
February	1,767	3.14	N/A	5,623,103	N/A
March	1,306	2.3	N/A	5,673,426	N/A
Index = Hospitalized with Critical COVID: Outcome = None, Known Race					
2020					
April	3,017	4.12	N/A	7,331,459	N/A
May	1,538	2.1	N/A	7,319,795	N/A
June	1,808	2.47	N/A	7,305,472	N/A
July	4,334	5.61	N/A	7,728,471	N/A
August	2,981	3.84	N/A	7,769,224	N/A
September	2,039	2.65	N/A	7,685,248	N/A
October	3,603	4.66	N/A	7,727,964	N/A
November	7,397	9.66	N/A	7,657,147	N/A

Table 4. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Year and Month

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ¹	Number of Patients with Subsequent Outcome Event	Eligible Members ¹	Patients with Subsequent Outcome per 10,000 Patients
December	10,040	13	N/A	7,724,434	N/A
2021					
January	8,481	11.94	N/A	7,101,286	N/A
February	3,698	5.28	N/A	7,002,603	N/A
March	2,347	3.36	N/A	6,989,901	N/A
Index = COVID+: Outcome = Death					
2020					
April	29,285	24.5	2,367	11,953,153	808.26
May	24,629	20.62	1,017	11,943,321	412.93
June	35,823	30.05	922	11,922,110	257.38
July	71,930	52.25	2,210	13,767,464	307.24
August	47,394	34.23	1,401	13,846,608	295.61
September	43,077	31.72	1,044	13,579,416	242.36
October	73,622	53.64	1,698	13,726,224	230.64
November	155,640	115.4	3,760	13,486,911	241.58
December	187,265	137.61	4,908	13,608,341	262.09
2021					
January	148,721	120.75	3,645	12,316,623	245.09
February	61,584	51.4	1,271	11,981,343	206.38
March	51,636	43.12	408	11,974,512	79.01
Index = Hospitalized with COVID: Outcome = Death					
2020					
April	6,876	5.75	1636.00	11,953,153	2,379.29
May	3,461	2.89	696.00	11,964,657	2,010.98
June	3,887	3.25	605.00	11,963,295	1,556.47
July	10,563	7.63	1793.00	13,838,866	1,697.43
August	7,150	5.12	1149.00	13,976,329	1,606.99
September	5,305	3.86	818.00	13,745,512	1,541.94
October	9,477	6.81	1363.00	13,925,642	1,438.22
November	20,406	14.84	3240.00	13,746,058	1,587.77
December	27,105	19.37	4434.00	13,996,406	1,635.86

Table 4. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Year and Month

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members¹	Number of Patients with Subsequent Outcome Event	Eligible Members¹	Patients with Subsequent Outcome per 10,000 Patients
<i>2021</i>					
January	22,792	17.8	3587.00	12,804,903	1,573.80
February	9,745	7.74	1332.00	12,584,085	1,366.85
March	6,574	5.21	401.00	12,618,810	609.98

¹Eligible Members are reflective of the number of patients that met all cohort entry criteria on at least one day during the query period.

²Data presented by a dash, asterisk, or period represent missing information. Data represented by NaN (Not a Number) is due to their inability to be calculated. This table may not use all data representations.

Table 5. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Race¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
Index = Evidence of PCR Test for SARS COV2: Outcome = None					
American Indian or Alaska Native	10,211	1,985.22	N/A ³	51,435	N/A
Asian	78,867	1,548.18	N/A	509,418	N/A
Black or African American	170,551	1,606.43	N/A	1,061,674	N/A
Native Hawaiian or Other Pacific Islander	12,845	1,534.83	N/A	83,690	N/A
Unknown	859,082	1,128.82	N/A	7,610,411	N/A
White	1,139,145	1,686.64	N/A	6,753,950	N/A
Index = Evidence of PCR Test for SARS COV2: Outcome = COVID+					
American Indian or Alaska Native	10,211	1,985.22	1,686	51,435	1,651.16
Asian	78,867	1,548.18	10,729	509,418	1,360.39
Black or African American	170,551	1,606.43	32,118	1,061,674	1,883.19
Native Hawaiian or Other Pacific Islander	12,845	1,534.83	2,310	83,690	1,798.37
Unknown	859,082	1,128.82	165,525	7,610,411	1,926.77
White	1,139,145	1,686.64	171,079	6,753,950	1,501.82
Index = COVID+: Outcome = Hospitalized with COVID					
American Indian or Alaska Native	3,539	688.05	551	51,435	1,556.94
Asian	20,942	411.1	2,107	509,418	1,006.11
Black or African American	77,492	729.9	20,371	1,061,674	2,628.79
Native Hawaiian or Other Pacific Islander	4,906	586.21	1,092	83,690	2,225.85
Unknown	422,789	555.54	41,833	7,610,411	989.45
White	400,938	593.63	67,387	6,753,950	1,680.73
Index = COVID+: Outcome = Hospitalized with Critical COVID					
American Indian or Alaska Native	3,539	688.05	288	51,435	813.79
Asian	20,942	411.1	1,163	509,418	555.34
Black or African American	77,492	729.9	11,780	1,061,674	1,520.16
Native Hawaiian or Other Pacific Islander	4,906	586.21	648	83,690	1,320.83
Unknown	422,789	555.54	23,106	7,610,411	546.51
White	400,938	593.63	37,404	6,753,950	932.91
Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID					
American Indian or Alaska Native	551	107.13	288	51,435	5,226.86
Asian	2,107	41.36	1,163	509,418	5,519.70
Black or African American	20,371	191.88	11,780	1,061,674	5,782.73
Native Hawaiian or Other Pacific Islander	1,092	130.48	648	83,690	5,934.07
Unknown	41,833	54.97	23,106	7,610,411	5,523.39
White	67,387	99.77	37,404	6,753,950	5,550.63

Table 5. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Race¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
Index = Hospitalized with Critical COVID: Outcome = None					
American Indian or Alaska Native	288	55.99	N/A	51,435	N/A
Asian	1,163	22.83	N/A	509,418	N/A
Black or African American	11,780	110.96	N/A	1,061,674	N/A
Native Hawaiian or Other Pacific Islander	648	77.43	N/A	83,690	N/A
Unknown	23,106	30.36	N/A	7,610,411	N/A
White	37,404	55.38	N/A	6,753,950	N/A
Index = COVID+: Outcome = Death					
American Indian or Alaska Native	3,539	688.05	115	51,435	324.95
Asian	20,942	411.1	368	509,418	175.72
Black or African American	77,492	729.9	3,884	1,061,674	501.21
Native Hawaiian or Other Pacific Islander	4,906	586.21	245	83,690	499.39
Unknown	422,789	555.54	6,395	7,610,411	151.26
White	400,938	593.63	13,644	6,753,950	340.3
Index = Hospitalized with COVID: Outcome = Death					
American Indian or Alaska Native	551	107.13	96	51,435	1,742.29
Asian	2,107	41.36	322	509,418	1,528.24
Black or African American	20,371	191.88	3,324	1,061,674	1,631.73
Native Hawaiian or Other Pacific Islander	1,092	130.48	214	83,690	1,959.71
Unknown	41,833	54.97	5,742	7,610,411	1,372.60
White	67,387	99.77	11,356	6,753,950	1,685.19

¹Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

²Eligible Members are reflective of the number of patients that met all cohort entry criteria on at least one day during the query period.

³Data presented by a dash, asterisk, or period represent missing information. Data represented by NaN (Not a Number) is due to their inability to be calculated. This table may not use all data representations.

Table 6. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Hispanic Origin¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
Index = Evidence of PCR Test for SARS COV2: Outcome = None					
Hispanic	135,670	2,143.25	N/A ³	633,010	N/A
Not Hispanic	931,096	1,851.29	N/A	5,029,453	N/A
Unknown	1,203,935	1,156.73	N/A	10,408,115	N/A
Index = Evidence of PCR Test for SARS COV2: Outcome = COVID+					
Hispanic	135,670	2,143.25	31,651	633,010	2,332.94
Not Hispanic	931,096	1,851.29	138,198	5,029,453	1,484.25
Unknown	1,203,935	1,156.73	213,598	10,408,115	1,774.17
Index = COVID+: Outcome = Hospitalized with COVID, Overall Race					
Hispanic	59,242	935.88	5,576	633,010	941.22
Not Hispanic	292,644	581.86	67,210	5,029,453	2,296.65
Unknown	578,720	556.03	60,555	10,408,115	1,046.36
Index = COVID+: Outcome = Hospitalized with COVID, Unknown Race					
Hispanic	48,392	1,000.41	4,968	483,720	1,026.62
Not Hispanic	1,737	445.66	102	38,976	587.22
Unknown	372,660	525.78	36,763	7,087,715	986.50
Index = COVID+: Outcome = Hospitalized with COVID, Known Race					
Hispanic	10,850	726.77	608	149,290	560.37
Not Hispanic	290,907	582.92	67,108	4,990,477	2,306.85
Unknown	206,060	620.59	23,792	3,320,400	1,154.62
Index = COVID+: Outcome = Hospitalized with COVID, American Indian or Alaska Native					
Hispanic	857	817.83	69	10,479	805.13
Not Hispanic	1,777	646.04	379	27,506	2,132.81
Unknown	905	672.86	103	13,450	1,138.12
Index = COVID+: Outcome = Hospitalized with COVID, Asian					
Hispanic	1,669	964.74	90	17,300	539.25
Not Hispanic	7,585	407.28	1,121	186,235	1,477.92
Unknown	11,688	382.11	896	305,883	766.60
Index = COVID+: Outcome = Hospitalized with COVID, Black or African American					
Hispanic	1,127	762.72	67	14,776	594.50
Not Hispanic	48,972	730.12	15,264	670,738	3,116.88
Unknown	27,393	728.23	5,040	376,160	1,839.89
Index = COVID+: Outcome = Hospitalized with COVID, Native Hawaiian or Other Pacific Islander					
Hispanic	223	810.91	13	2,750	582.96

Table 6. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Hispanic Origin¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
Not Hispanic	4,078	578.03	1,017	70,550	2,493.87
Unknown	605	582.29	62	10,390	1,024.79
Index = COVID+: Outcome = Hospitalized with COVID, White					
Hispanic	6,974	670.67	369	103,985	529.11
Not Hispanic	228,495	566.22	49,327	4,035,448	2,158.78
Unknown	165,469	632.89	17,691	2,614,517	1,069.14
Index = COVID+: Outcome = Hospitalized with Critical COVID					
Hispanic	59,242	935.88	3,275	633,010	552.82
Not Hispanic	292,644	581.86	37,567	5,029,453	1,283.71
Unknown	578,720	556.03	33,547	10,408,115	579.68
Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, Overall Race					
Hispanic	5,576	88.09	3,275	633,010	5,873.39
Not Hispanic	67,210	133.63	37,567	5,029,453	5,589.50
Unknown	60,555	58.18	33,547	10,408,115	5,539.92
Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, Unknown Race					
Hispanic	4,968	102.70	2,963	483,720	5,964.17
Not Hispanic	102	26.17	51	38,976	5,000.00
Unknown	36,763	51.87	20,092	7,087,715	5,465.28
Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, Known Race					
Hispanic	608	40.73	312	149,290	5,131.58
Not Hispanic	67,108	134.47	37,516	4,990,477	5,590.39
Unknown	23,792	71.65	13,455	3,320,400	5,655.26
Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, American Indian or Alaska Native					
Hispanic	69	65.85	32	10,479	4,637.68
Not Hispanic	379	137.79	198	27,506	5,224.27
Unknown	103	76.58	58	13,450	5,631.07
Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, Asian					
Hispanic	90	52.02	50	17,300	5,555.56
Not Hispanic	1,121	60.19	627	186,235	5,593.22
Unknown	896	29.29	486	305,883	5,424.11
Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, Black or African American					
Hispanic	67	45.34	35	14,776	5,223.88
Not Hispanic	15,264	227.57	8,884	670,738	5,820.23

Table 6. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Hispanic Origin¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
Unknown	5,040	133.99	2,861	376,160	5,676.59
Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, Native Hawaiian or Other Pacific Islander					
Hispanic	13	47.27	7	2,750	5,384.62
Not Hispanic	1,017	144.15	601	70,550	5,909.54
Unknown	62	59.67	40	10,390	6,451.61
Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, White					
Hispanic	369	35.49	188	103,985	5,094.85
Not Hispanic	49,327	122.23	27,206	4,035,448	5,515.44
Unknown	17,691	67.66	10,010	2,614,517	5,658.24
Index = Hospitalized with Critical COVID: Outcome = None, Overall Race					
Hispanic	3,275	51.74	N/A	633,010	N/A
Not Hispanic	37,567	74.69	N/A	5,029,453	N/A
Unknown	33,547	32.23	N/A	10,408,115	N/A
Index = Hospitalized with Critical COVID: Outcome = None, Unknown Race					
Hispanic	2,963	61.25	N/A	483,720	N/A
Not Hispanic	51	13.08	N/A	38,976	N/A
Unknown	20,092	28.35	N/A	7,087,715	N/A
Index = Hospitalized with Critical COVID: Outcome = None, Known Race					
Hispanic	312	20.90	N/A	149,290	N/A
Not Hispanic	37,516	75.18	N/A	4,990,477	N/A
Unknown	13,455	40.52	N/A	3,320,400	N/A
Index = Hospitalized with Critical COVID: Outcome = None, American Indian or Alaska Native					
Hispanic	32	30.54	N/A	10,479	N/A
Not Hispanic	198	71.98	N/A	27,506	N/A
Unknown	58	43.12	N/A	13,450	N/A
Index = Hospitalized with Critical COVID: Outcome = None, Asian					
Hispanic	50	28.90	N/A	17,300	N/A
Not Hispanic	627	33.67	N/A	186,235	N/A
Unknown	486	15.89	N/A	305,883	N/A
Index = Hospitalized with Critical COVID: Outcome = None, Black or African American					
Hispanic	35	23.69	N/A	14,776	N/A
Not Hispanic	8,884	132.45	N/A	670,738	N/A
Unknown	2,861	76.06	N/A	376,160	N/A

Table 6. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Hispanic Origin¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
Index = Hospitalized with Critical COVID: Outcome = None, Native Hawaiian or Other Pacific Islander					
Hispanic	7	25.45	N/A	2,750	N/A
Not Hispanic	601	85.19	N/A	70,550	N/A
Unknown	40	38.50	N/A	10,390	N/A
Index = Hospitalized with Critical COVID: Outcome = None, White					
Hispanic	188	18.08	N/A	103,985	N/A
Not Hispanic	27,206	67.42	N/A	4,035,448	N/A
Unknown	10,010	38.29	N/A	2,614,517	N/A
Index = COVID+: Outcome = Death					
Hispanic	59,242	935.88	888	633,010	149.89
Not Hispanic	292,644	581.86	13,963	5,029,453	477.13
Unknown	578,720	556.03	9,800	10,408,115	169.34
Index = Hospitalized with COVID: Outcome = Death					
Hispanic	5,576	88.09	792	633,010	1,420.37
Not Hispanic	67,210	133.63	11,437	5,029,453	1,701.68
Unknown	60,555	58.18	8,825	10,408,115	1,457.35

¹Ethnicity data may not be completely populated at all Data Partners; therefore, data about ethnicity may be incomplete.

²Eligible Members are reflective of the number of patients that met all cohort entry criteria on at least one day during the query period.

³Data presented by a dash, asterisk, or period represent missing information. Data represented by NaN (Not a Number) is due to their inability to be calculated. This table may not use all data representations.

Table 7. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
Index = Evidence of PCR Test for SARS COV2: Outcome = None					
Midwest	340,586	1,039.32	N/A ³	3,276,993	N/A
Northeast	416,539	1,803.10	N/A	2,310,125	N/A
South	770,052	1,240.46	N/A	6,207,796	N/A
West	680,745	1,753.93	N/A	3,881,246	N/A
CB Region (Invalid)	2,270	208.58	N/A	108,830	N/A
CB Region (Missing)	60,334	2,399.64	N/A	251,429	N/A
CB Region (Other)	175	51.23	N/A	34,159	N/A
Index = Evidence of PCR Test for SARS COV2: Outcome = COVID+					
Midwest	340,586	1,039.32	61,515	3,276,993	1,806.15
Northeast	416,539	1,803.10	69,263	2,310,125	1,662.82
South	770,052	1,240.46	147,822	6,207,796	1,919.64
West	680,745	1,753.93	98,408	3,881,246	1,445.59
CB Region (Invalid)	2,270	208.58	356	108,830	1,568.28
CB Region (Missing)	60,334	2,399.64	6,074	251,429	1,006.73
CB Region (Other)	175	51.23	9	34,159	514.29
Index = COVID+: Outcome = Hospitalized with COVID, Overall Race					
Midwest	189,972	579.71	29,356	3,276,993	1,545.28
Northeast	157,811	683.13	16,775	2,310,125	1,062.98
South	402,490	648.36	69,706	6,207,796	1,731.87
West	169,988	437.97	16,828	3,881,246	989.95
CB Region (Invalid)	1,247	114.58	104	108,830	834
CB Region (Missing)	8,552	340.14	468	251,429	547.24
CB Region (Other)	546	159.84	104	34,159	1,904.76
Index = COVID+: Outcome = Hospitalized with COVID, Unknown Race					
Midwest	79,689	519.44	9,775	1,534,119	1,226.64
Northeast	85,097	649.87	7,186	1,309,449	844.45
South	178,443	620.25	18,854	2,876,962	1,056.58
West	76,196	451.79	5,779	1,686,527	758.44
CB Region (Invalid)	677	72.93	38	92,826	561.3
CB Region (Missing)	2,259	274.15	122	82,401	540.06
CB Region (Other)	428	152.17	79	28,127	1,845.79
Index = COVID+: Outcome = Hospitalized with COVID, Known Race					
Midwest	110,283	632.77	19,581	1,742,874	1,775.52
Northeast	72,714	726.65	9,589	1,000,676	1,318.73
South	224,047	672.65	50,852	3,330,834	2,269.70
West	93,792	427.35	11,049	2,194,719	1,178.03
CB Region (Invalid)	570	356.16	66	16,004	1,157.89
CB Region (Missing)	6,293	372.31	346	169,028	549.82
CB Region (Other)	118	195.62	25	6,032	2,118.64
Index = COVID+: Outcome = Hospitalized with Critical COVID					
Midwest	189,972	579.71	15,409	3,276,993	811.12
Northeast	157,811	683.13	8,826	2,310,125	559.28
South	402,490	648.36	40,359	6,207,796	1,002.73
West	169,988	437.97	9,412	3,881,246	553.69
CB Region (Invalid)	1,247	114.58	52	108,830	417
CB Region (Missing)	8,552	340.14	261	251,429	305.19

Table 7. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
CB Region (Other)	546	159.84	70	34,159	1,282.05
Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, Overall Race					
Midwest	29,356	89.58	15,409	3,276,993	5,249.01
Northeast	16,775	72.62	8,826	2,310,125	5,261.40
South	69,706	112.29	40,359	6,207,796	5,789.89
West	16,828	43.36	9,412	3,881,246	5,593.06
CB Region (Invalid)	104	9.56	52	108,830	5,000.00
CB Region (Missing)	468	18.61	261	251,429	5,576.92
CB Region (Other)	104	30.45	70	34,159	6,730.77
Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, Unknown Race					
Midwest	9,775	63.72	5,196	1,534,119	5,315.60
Northeast	7,186	54.88	3,770	1,309,449	5,246.31
South	18,854	65.53	10,714	2,876,962	5,682.61
West	5,779	34.27	3,302	1,686,527	5,713.79
CB Region (Invalid)	38	4.09	15	92,826	3,947.37
CB Region (Missing)	122	14.81	59	82,401	4,836.07
CB Region (Other)	79	28.09	50	28,127	6,329.11
Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, Known Race					
Midwest	19,581	112.35	10,213	1,742,874	5,215.77
Northeast	9,589	95.83	5,056	1,000,676	5,272.71
South	50,852	152.67	29,645	3,330,834	5,829.66
West	11,049	50.34	6,110	2,194,719	5,529.91
CB Region (Invalid)	66	41.24	37	16,004	5,606.06
CB Region (Missing)	346	20.47	202	169,028	5,838.15
CB Region (Other)	25	41.45	20	6,032	8,000.00
Index = Hospitalized with Critical COVID: Outcome = None, Overall Race					
Midwest	15,409	47.02	N/A	3,276,993	N/A
Northeast	8,826	38.21	N/A	2,310,125	N/A
South	40,359	65.01	N/A	6,207,796	N/A
West	9,412	24.25	N/A	3,881,246	N/A
CB Region (Invalid)	52	4.78	N/A	108,830	N/A
CB Region (Missing)	261	10.38	N/A	251,429	N/A
CB Region (Other)	70	20.49	N/A	34,159	N/A
Index = Hospitalized with Critical COVID: Outcome = None, Unknown Race					
Midwest	5,196	33.87	N/A	1,534,119	N/A
Northeast	3,770	28.79	N/A	1,309,449	N/A
South	10,714	37.24	N/A	2,876,962	N/A
West	3,302	19.58	N/A	1,686,527	N/A
CB Region (Invalid)	15	1.62	N/A	92,826	N/A
CB Region (Missing)	59	7.16	N/A	82,401	N/A
CB Region (Other)	50	17.78	N/A	28,127	N/A
Index = Hospitalized with Critical COVID: Outcome = None, Known Race					
Midwest	10,213	58.6	N/A	1,742,874	N/A
Northeast	5,056	50.53	N/A	1,000,676	N/A
South	29,645	89	N/A	3,330,834	N/A
West	6,110	27.84	N/A	2,194,719	N/A
CB Region (Invalid)	37	23.12	N/A	16,004	N/A

Table 7. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
CB Region (Missing)	202	11.95	N/A	169,028	N/A
CB Region (Other)	20	33.16	N/A	6,032	N/A
Index = COVID+: Outcome = Death					
Midwest	189,972	579.71	5,526	3,276,993	290.88
Northeast	157,811	683.13	3,230	2,310,125	204.68
South	402,490	648.36	12,527	6,207,796	311.24
West	169,988	437.97	3,275	3,881,246	192.66
CB Region (Invalid)	1,247	114.58	19	108,830	152.37
CB Region (Missing)	8,552	340.14	66	251,429	77.17
CB Region (Other)	546	159.84	8	34,159	146.52
Index = Hospitalized with COVID: Outcome = Death					
Midwest	29,356	89.58	4,494	3,276,993	1,530.86
Northeast	16,775	72.62	2,844	2,310,125	1,695.38
South	69,706	112.29	10,961	6,207,796	1,572.46
West	16,828	43.36	2,682	3,881,246	1,593.77
CB Region (Invalid)	104	9.56	17	108,830	1,634.62
CB Region (Missing)	468	18.61	50	251,429	1,068.38
CB Region (Other)	104	30.45	6	34,159	576.92

¹See Appendix B for a list of states and territories included in each Census Bureau region.

²Eligible Members are reflective of the number of patients that met all cohort entry criteria on at least one day during the query period.

³Data presented by a dash, asterisk, or period represent missing information. Data represented by NaN (Not a Number) is due to their inability to be calculated. This table may not use all data representations.

Table 8. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region and Race^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
Index = Evidence of PCR Test for SARS COV2: Outcome = None					
<i>Midwest</i>					
American Indian or Alaska Native	1,469	1,341.68	N/A ⁴	10,949	N/A
Asian	9,669	1,328.32	N/A	72,791	N/A
Black or African American	28,428	1,465.07	N/A	194,038	N/A
Native Hawaiian or Other Pacific Islander	1,772	1,494.48	N/A	11,857	N/A
Unknown	108,793	709.16	N/A	1,534,119	N/A
White	190,455	1,310.56	N/A	1,453,239	N/A
<i>Northeast</i>					
American Indian or Alaska Native	540	2,099.53	N/A	2,572	N/A
Asian	15,690	1,816.33	N/A	86,383	N/A
Black or African American	20,208	1,858.99	N/A	108,704	N/A
Native Hawaiian or Other Pacific Islander	645	1,646.25	N/A	3,918	N/A
Unknown	218,226	1,666.55	N/A	1,309,449	N/A
White	161,230	2,017.65	N/A	799,099	N/A
<i>South</i>					
American Indian or Alaska Native	1,652	1,365.29	N/A	12,100	N/A
Asian	11,812	1,164.79	N/A	101,409	N/A
Black or African American	93,184	1,475.74	N/A	631,440	N/A
Native Hawaiian or Other Pacific Islander	3,373	1,243.14	N/A	27,133	N/A
Unknown	322,666	1,121.55	N/A	2,876,962	N/A
White	337,365	1,318.47	N/A	2,558,752	N/A
<i>West</i>					
American Indian or Alaska Native	5,598	2,469.89	N/A	22,665	N/A
Asian	36,819	1,641.15	N/A	224,349	N/A
Black or African American	24,783	2,186.80	N/A	113,330	N/A
Native Hawaiian or Other Pacific Islander	5,911	1,709.77	N/A	34,572	N/A
Unknown	198,993	1,179.90	N/A	1,686,527	N/A
White	408,641	2,270.48	N/A	1,799,803	N/A
<i>CB Region (Invalid)</i>					
American Indian or Alaska Native	8	720.72	N/A	111	N/A
Asian	106	393.18	N/A	2,696	N/A
Black or African American	98	695.04	N/A	1,410	N/A
Native Hawaiian or Other Pacific Islander	9	656.93	N/A	137	N/A
Unknown	980	105.57	N/A	92,826	N/A
White	1,069	917.60	N/A	11,650	N/A
<i>CB Region (Missing)</i>					
American Indian or Alaska Native	944	3,184.89	N/A	2,964	N/A
Asian	4,754	2,454.94	N/A	19,365	N/A
Black or African American	3,844	3,077.42	N/A	12,491	N/A
Native Hawaiian or Other Pacific Islander	1,120	3,346.28	N/A	3,347	N/A
Unknown	9,297	1,128.26	N/A	82,401	N/A
White	40,375	3,085.33	N/A	130,861	N/A

Table 8. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region and Race^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Other)</i>					
American Indian or Alaska Native	0	0.00	N/A	74	N/A
Asian	17	70.10	N/A	2,425	N/A
Black or African American	6	229.89	N/A	261	N/A
Native Hawaiian or Other Pacific Islander	15	55.03	N/A	2,726	N/A
Unknown	127	45.15	N/A	28,127	N/A
White	10	183.15	N/A	546	N/A
Index = Evidence of PCR Test for SARS COV2: Outcome = COVID+					
<i>Midwest</i>					
American Indian or Alaska Native	1,469	1,341.68	251	10,949	1,708.65
Asian	9,669	1,328.32	1,651	72,791	1,707.52
Black or African American	28,428	1,465.07	5,322	194,038	1,872.10
Native Hawaiian or Other Pacific Islander	1,772	1,494.48	354	11,857	1,997.74
Unknown	108,793	709.16	21,924	1,534,119	2,015.20
White	190,455	1,310.56	32,013	1,453,239	1,680.87
<i>Northeast</i>					
American Indian or Alaska Native	540	2,099.53	92	2,572	1,703.70
Asian	15,690	1,816.33	1,986	86,383	1,265.77
Black or African American	20,208	1,858.99	3,710	108,704	1,835.91
Native Hawaiian or Other Pacific Islander	645	1,646.25	126	3,918	1,953.49
Unknown	218,226	1,666.55	38,557	1,309,449	1,766.84
White	161,230	2,017.65	24,792	799,099	1,537.68
<i>South</i>					
American Indian or Alaska Native	1,652	1,365.29	387	12,100	2,342.62
Asian	11,812	1,164.79	1,935	101,409	1,638.16
Black or African American	93,184	1,475.74	18,750	631,440	2,012.15
Native Hawaiian or Other Pacific Islander	3,373	1,243.14	662	27,133	1,962.64
Unknown	322,666	1,121.55	64,602	2,876,962	2,002.13
White	337,365	1,318.47	61,486	2,558,752	1,822.54
<i>West</i>					
American Indian or Alaska Native	5,598	2,469.89	858	22,665	1,532.69
Asian	36,819	1,641.15	4,677	224,349	1,270.27
Black or African American	24,783	2,186.80	3,798	113,330	1,532.50
Native Hawaiian or Other Pacific Islander	5,911	1,709.77	986	34,572	1,668.08
Unknown	198,993	1,179.90	39,152	1,686,527	1,967.51
White	408,641	2,270.48	48,937	1,799,803	1,197.55
<i>CB Region (Invalid)</i>					
American Indian or Alaska Native	8	720.72	2	111	2,500.00
Asian	106	393.18	12	2,696	1,132.08
Black or African American	98	695.04	18	1,410	1,836.73
Native Hawaiian or Other Pacific Islander	9	656.93	1	137	1,111.11
Unknown	980	105.57	152	92,826	1,551.02
White	1,069	917.60	171	11,650	1,599.63

Table 8. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region and Race^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Missing)</i>					
American Indian or Alaska Native	944	3,184.89	96	2,964	1,016.95
Asian	4,754	2,454.94	467	19,365	982.33
Black or African American	3,844	3,077.42	520	12,491	1,352.76
Native Hawaiian or Other Pacific Islander	1,120	3,346.28	180	3,347	1,607.14
Unknown	9,297	1,128.26	1,131	82,401	1,216.52
White	40,375	3,085.33	3,680	130,861	911.46
<i>CB Region (Other)</i>					
American Indian or Alaska Native	0	0.00	0	74	NaN
Asian	17	70.10	1	2,425	588.24
Black or African American	6	229.89	0	261	0.00
Native Hawaiian or Other Pacific Islander	15	55.03	1	2,726	666.67
Unknown	127	45.15	7	28,127	551.18
White	10	183.15	0	546	0.00
Index = COVID+; Outcome = Hospitalized with COVID					
<i>Midwest</i>					
American Indian or Alaska Native	695	634.76	109	10,949	1,568.35
Asian	3,393	466.13	423	72,791	1,246.68
Black or African American	13,010	670.49	3,280	194,038	2,521.14
Native Hawaiian or Other Pacific Islander	756	637.60	208	11,857	2,751.32
Unknown	79,689	519.44	9,775	1,534,119	1,226.64
White	92,429	636.02	15,561	1,453,239	1,683.56
<i>Northeast</i>					
American Indian or Alaska Native	203	789.27	14	2,572	689.66
Asian	4,406	510.05	323	86,383	733.09
Black or African American	10,073	926.64	2,046	108,704	2,031.17
Native Hawaiian or Other Pacific Islander	360	918.84	68	3,918	1,888.89
Unknown	85,097	649.87	7,186	1,309,449	844.45
White	57,672	721.71	7,138	799,099	1,237.69
<i>South</i>					
American Indian or Alaska Native	1,120	925.62	196	12,100	1,750.00
Asian	4,736	467.02	609	101,409	1,285.90
Black or African American	47,932	759.09	14,181	631,440	2,958.57
Native Hawaiian or Other Pacific Islander	1,665	613.64	451	27,133	2,708.71
Unknown	178,443	620.25	18,854	2,876,962	1,056.58
White	168,594	658.89	35,415	2,558,752	2,100.61
<i>West</i>					
American Indian or Alaska Native	1,397	616.37	224	22,665	1,603.44
Asian	7,719	344.06	714	224,349	924.99
Black or African American	5,783	510.28	825	113,330	1,426.60
Native Hawaiian or Other Pacific Islander	1,840	532.22	335	34,572	1,820.65
Unknown	76,196	451.79	5,779	1,686,527	758.44
White	77,053	428.12	8,951	1,799,803	1,161.67

Table 8. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region and Race^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Invalid)</i>					
American Indian or Alaska Native	4	360.36	0	111	0.00
Asian	63	233.68	3	2,696	476.19
Black or African American	39	276.60	6	1,410	1,538.46
Native Hawaiian or Other Pacific Islander	4	291.97	1	137	2,500.00
Unknown	677	72.93	38	92,826	561.30
White	460	394.85	56	11,650	1,217.39
<i>CB Region (Missing)</i>					
American Indian or Alaska Native	119	401.48	8	2,964	672.27
Asian	588	303.64	29	19,365	493.20
Black or African American	645	516.37	33	12,491	511.63
Native Hawaiian or Other Pacific Islander	217	648.34	11	3,347	506.91
Unknown	2,259	274.15	122	82,401	540.06
White	4,724	360.99	265	130,861	560.97
<i>CB Region (Other)</i>					
American Indian or Alaska Native	1	135.14	0	74	0.00
Asian	37	152.58	6	2,425	1,621.62
Black or African American	10	383.14	0	261	0.00
Native Hawaiian or Other Pacific Islander	64	234.78	18	2,726	2,812.50
Unknown	428	152.17	79	28,127	1,845.79
White	6	109.89	1	546	1,666.67
Index = COVID+; Outcome = Hospitalized with Critical COVID					
<i>Midwest</i>					
American Indian or Alaska Native	695	634.76	49	10,949	705.04
Asian	3,393	466.13	192	72,791	565.87
Black or African American	13,010	670.49	1,910	194,038	1,468.10
Native Hawaiian or Other Pacific Islander	756	637.60	113	11,857	1,494.71
Unknown	79,689	519.44	5,196	1,534,119	652.03
White	92,429	636.02	7,949	1,453,239	860.01
<i>Northeast</i>					
American Indian or Alaska Native	203	789.27	7	2,572	344.83
Asian	4,406	510.05	152	86,383	344.98
Black or African American	10,073	926.64	1,053	108,704	1,045.37
Native Hawaiian or Other Pacific Islander	360	918.84	31	3,918	861.11
Unknown	85,097	649.87	3,770	1,309,449	443.02
White	57,672	721.71	3,813	799,099	661.15
<i>South</i>					
American Indian or Alaska Native	1,120	925.62	117	12,100	1,044.64
Asian	4,736	467.02	394	101,409	831.93
Black or African American	47,932	759.09	8,351	631,440	1,742.26
Native Hawaiian or Other Pacific Islander	1,665	613.64	282	27,133	1,693.69
Unknown	178,443	620.25	10,714	2,876,962	600.42
White	168,594	658.89	20,501	2,558,752	1,216.00

Table 8. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region and Race^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>West</i>					
American Indian or Alaska Native	1,397	616.37	112	22,665	801.72
Asian	7,719	344.06	401	224,349	519.50
Black or African American	5,783	510.28	441	113,330	762.58
Native Hawaiian or Other Pacific Islander	1,840	532.22	200	34,572	1,086.96
Unknown	76,196	451.79	3,302	1,686,527	433.36
White	77,053	428.12	4,956	1,799,803	643.19
<i>CB Region (Invalid)</i>					
American Indian or Alaska Native	4	360.36	0	111	0.00
Asian	63	233.68	2	2,696	317.46
Black or African American	39	276.60	2	1,410	512.82
Native Hawaiian or Other Pacific Islander	4	291.97	0	137	0.00
Unknown	677	72.93	15	92,826	221.57
White	460	394.85	33	11,650	717.39
<i>CB Region (Missing)</i>					
American Indian or Alaska Native	119	401.48	3	2,964	252.10
Asian	588	303.64	17	19,365	289.12
Black or African American	645	516.37	23	12,491	356.59
Native Hawaiian or Other Pacific Islander	217	648.34	8	3,347	368.66
Unknown	2,259	274.15	59	82,401	261.18
White	4,724	360.99	151	130,861	319.64
<i>CB Region (Other)</i>					
American Indian or Alaska Native	1	135.14	0	74	0.00
Asian	37	152.58	5	2,425	1,351.35
Black or African American	10	383.14	0	261	0.00
Native Hawaiian or Other Pacific Islander	64	234.78	14	2,726	2,187.50
Unknown	428	152.17	50	28,127	1,168.22
White	6	109.89	1	546	1,666.67
Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID					
<i>Midwest</i>					
American Indian or Alaska Native	109	99.55	49	10,949	4,495.41
Asian	423	58.11	192	72,791	4,539.01
Black or African American	3,280	169.04	1,910	194,038	5,823.17
Native Hawaiian or Other Pacific Islander	208	175.42	113	11,857	5,432.69
Unknown	9,775	63.72	5,196	1,534,119	5,315.60
White	15,561	107.08	7,949	1,453,239	5,108.28
<i>Northeast</i>					
American Indian or Alaska Native	14	54.43	7	2,572	5,000.00
Asian	323	37.39	152	86,383	4,705.88
Black or African American	2,046	188.22	1,053	108,704	5,146.63
Native Hawaiian or Other Pacific Islander	68	173.56	31	3,918	4,558.82
Unknown	7,186	54.88	3,770	1,309,449	5,246.31
White	7,138	89.33	3,813	799,099	5,341.83

Table 8. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region and Race^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>South</i>					
American Indian or Alaska Native	196	161.98	117	12,100	5,969.39
Asian	609	60.05	394	101,409	6,469.62
Black or African American	14,181	224.58	8,351	631,440	5,888.87
Native Hawaiian or Other Pacific Islander	451	166.22	282	27,133	6,252.77
Unknown	18,854	65.53	10,714	2,876,962	5,682.61
White	35,415	138.41	20,501	2,558,752	5,788.79
<i>West</i>					
American Indian or Alaska Native	224	98.83	112	22,665	5,000.00
Asian	714	31.83	401	224,349	5,616.25
Black or African American	825	72.80	441	113,330	5,345.45
Native Hawaiian or Other Pacific Islander	335	96.90	200	34,572	5,970.15
Unknown	5,779	34.27	3,302	1,686,527	5,713.79
White	8,951	49.73	4,956	1,799,803	5,536.81
<i>CB Region (Invalid)</i>					
American Indian or Alaska Native	0	0.00	0	111	NaN
Asian	3	11.13	2	2,696	6,666.67
Black or African American	6	42.55	2	1,410	3,333.33
Native Hawaiian or Other Pacific Islander	1	72.99	0	137	0.00
Unknown	38	4.09	15	92,826	3,947.37
White	56	48.07	33	11,650	5,892.86
<i>CB Region (Missing)</i>					
American Indian or Alaska Native	8	26.99	3	2,964	3,750.00
Asian	29	14.98	17	19,365	5,862.07
Black or African American	33	26.42	23	12,491	6,969.70
Native Hawaiian or Other Pacific Islander	11	32.87	8	3,347	7,272.73
Unknown	122	14.81	59	82,401	4,836.07
White	265	20.25	151	130,861	5,698.11
<i>CB Region (Other)</i>					
American Indian or Alaska Native	0	0.00	0	74	NaN
Asian	6	24.74	5	2,425	8,333.33
Black or African American	0	0.00	0	261	NaN
Native Hawaiian or Other Pacific Islander	18	66.03	14	2,726	7,777.78
Unknown	79	28.09	50	28,127	6,329.11
White	1	18.32	1	546	10,000.00
Index = Hospitalized with Critical COVID: Outcome = None					
<i>Midwest</i>					
American Indian or Alaska Native	49	44.75	N/A	10,949	N/A
Asian	192	26.38	N/A	72,791	N/A
Black or African American	1,910	98.43	N/A	194,038	N/A
Native Hawaiian or Other Pacific Islander	113	95.30	N/A	11,857	N/A
Unknown	5,196	33.87	N/A	1,534,119	N/A
White	7,949	54.70	N/A	1,453,239	N/A

Table 8. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region and Race^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>Northeast</i>					
American Indian or Alaska Native	7	27.22	N/A	2,572	N/A
Asian	152	17.60	N/A	86,383	N/A
Black or African American	1,053	96.87	N/A	108,704	N/A
Native Hawaiian or Other Pacific Islander	31	79.12	N/A	3,918	N/A
Unknown	3,770	28.79	N/A	1,309,449	N/A
White	3,813	47.72	N/A	799,099	N/A
<i>South</i>					
American Indian or Alaska Native	117	96.69	N/A	12,100	N/A
Asian	394	38.85	N/A	101,409	N/A
Black or African American	8,351	132.25	N/A	631,440	N/A
Native Hawaiian or Other Pacific Islander	282	103.93	N/A	27,133	N/A
Unknown	10,714	37.24	N/A	2,876,962	N/A
White	20,501	80.12	N/A	2,558,752	N/A
<i>West</i>					
American Indian or Alaska Native	112	49.42	N/A	22,665	N/A
Asian	401	17.87	N/A	224,349	N/A
Black or African American	441	38.91	N/A	113,330	N/A
Native Hawaiian or Other Pacific Islander	200	57.85	N/A	34,572	N/A
Unknown	3,302	19.58	N/A	1,686,527	N/A
White	4,956	27.54	N/A	1,799,803	N/A
<i>CB Region (Invalid)</i>					
American Indian or Alaska Native	0	0.00	N/A	111	N/A
Asian	2	7.42	N/A	2,696	N/A
Black or African American	2	14.18	N/A	1,410	N/A
Native Hawaiian or Other Pacific Islander	0	0.00	N/A	137	N/A
Unknown	15	1.62	N/A	92,826	N/A
White	33	28.33	N/A	11,650	N/A
<i>CB Region (Missing)</i>					
American Indian or Alaska Native	3	10.12	N/A	2,964	N/A
Asian	17	8.78	N/A	19,365	N/A
Black or African American	23	18.41	N/A	12,491	N/A
Native Hawaiian or Other Pacific Islander	8	23.90	N/A	3,347	N/A
Unknown	59	7.16	N/A	82,401	N/A
White	151	11.54	N/A	130,861	N/A
<i>CB Region (Other)</i>					
American Indian or Alaska Native	0	0.00	N/A	74	N/A
Asian	5	20.62	N/A	2,425	N/A
Black or African American	0	0.00	N/A	261	N/A
Native Hawaiian or Other Pacific Islander	14	51.36	N/A	2,726	N/A
Unknown	50	17.78	N/A	28,127	N/A
White	1	18.32	N/A	546	N/A

Table 8. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region and Race^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
Index = COVID+; Outcome = Death					
<i>Midwest</i>					
American Indian or Alaska Native	695	634.76	22	10,949	316.55
Asian	3,393	466.13	64	72,791	188.62
Black or African American	13,010	670.49	628	194,038	482.71
Native Hawaiian or Other Pacific Islander	756	637.60	49	11,857	648.15
Unknown	79,689	519.44	1,554	1,534,119	195.01
White	92,429	636.02	3,209	1,453,239	347.19
<i>Northeast</i>					
American Indian or Alaska Native	203	789.27	1	2,572	49.26
Asian	4,406	510.05	59	86,383	133.91
Black or African American	10,073	926.64	428	108,704	424.90
Native Hawaiian or Other Pacific Islander	360	918.84	10	3,918	277.78
Unknown	85,097	649.87	1,197	1,309,449	140.66
White	57,672	721.71	1,535	799,099	266.16
<i>South</i>					
American Indian or Alaska Native	1,120	925.62	40	12,100	357.14
Asian	4,736	467.02	110	101,409	232.26
Black or African American	47,932	759.09	2,685	631,440	560.17
Native Hawaiian or Other Pacific Islander	1,665	613.64	102	27,133	612.61
Unknown	178,443	620.25	2,747	2,876,962	153.94
White	168,594	658.89	6,843	2,558,752	405.89
<i>West</i>					
American Indian or Alaska Native	1,397	616.37	51	22,665	365.07
Asian	7,719	344.06	132	224,349	171.01
Black or African American	5,783	510.28	139	113,330	240.36
Native Hawaiian or Other Pacific Islander	1,840	532.22	83	34,572	451.09
Unknown	76,196	451.79	880	1,686,527	115.49
White	77,053	428.12	1,990	1,799,803	258.26
<i>CB Region (Invalid)</i>					
American Indian or Alaska Native	4	360.36	0	111	0.00
Asian	63	233.68	0	2,696	0.00
Black or African American	39	276.60	0	1,410	0.00
Native Hawaiian or Other Pacific Islander	4	291.97	0	137	0.00
Unknown	677	72.93	2	92,826	29.54
White	460	394.85	17	11,650	369.57
<i>CB Region (Missing)</i>					
American Indian or Alaska Native	119	401.48	1	2,964	84.03
Asian	588	303.64	3	19,365	51.02
Black or African American	645	516.37	4	12,491	62.02
Native Hawaiian or Other Pacific Islander	217	648.34	0	3,347	0.00
Unknown	2,259	274.15	8	82,401	35.41
White	4,724	360.99	50	130,861	105.84

Table 8. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region and Race^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Other)</i>					
American Indian or Alaska Native	1	135.14	0	74	0.00
Asian	37	152.58	0	2,425	0.00
Black or African American	10	383.14	0	261	0.00
Native Hawaiian or Other Pacific Islander	64	234.78	1	2,726	156.25
Unknown	428	152.17	7	28,127	163.55
White	6	109.89	0	546	0.00
Index = Hospitalized with COVID: Outcome = Death					
<i>Midwest</i>					
American Indian or Alaska Native	109	99.55	18	10,949	1,651.38
Asian	423	58.11	53	72,791	1,252.96
Black or African American	3,280	169.04	494	194,038	1,506.10
Native Hawaiian or Other Pacific Islander	208	175.42	41	11,857	1,971.15
Unknown	9,775	63.72	1,406	1,534,119	1,438.36
White	15,561	107.08	2,482	1,453,239	1,595.01
<i>Northeast</i>					
American Indian or Alaska Native	14	54.43	1	2,572	714.29
Asian	323	37.39	54	86,383	1,671.83
Black or African American	2,046	188.22	375	108,704	1,832.84
Native Hawaiian or Other Pacific Islander	68	173.56	10	3,918	1,470.59
Unknown	7,186	54.88	1,089	1,309,449	1,515.45
White	7,138	89.33	1,315	799,099	1,842.25
<i>South</i>					
American Indian or Alaska Native	196	161.98	35	12,100	1,785.71
Asian	609	60.05	104	101,409	1,707.72
Black or African American	14,181	224.58	2,341	631,440	1,650.80
Native Hawaiian or Other Pacific Islander	451	166.22	92	27,133	2,039.91
Unknown	18,854	65.53	2,458	2,876,962	1,303.70
White	35,415	138.41	5,931	2,558,752	1,674.71
<i>West</i>					
American Indian or Alaska Native	224	98.83	42	22,665	1,875.00
Asian	714	31.83	109	224,349	1,526.61
Black or African American	825	72.80	111	113,330	1,345.45
Native Hawaiian or Other Pacific Islander	335	96.90	70	34,572	2,089.55
Unknown	5,779	34.27	778	1,686,527	1,346.25
White	8,951	49.73	1,572	1,799,803	1,756.23
<i>CB Region (Invalid)</i>					
American Indian or Alaska Native	0	0.00	0	111	NaN
Asian	3	11.13	0	2,696	0.00
Black or African American	6	42.55	0	1,410	0.00
Native Hawaiian or Other Pacific Islander	1	72.99	0	137	0.00
Unknown	38	4.09	2	92,826	526.32
White	56	48.07	15	11,650	2,678.57

Table 8. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region and Race^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Missing)</i>					
American Indian or Alaska Native	8	26.99	0	2,964	0.00
Asian	29	14.98	2	19,365	689.66
Black or African American	33	26.42	3	12,491	909.09
Native Hawaiian or Other Pacific Islander	11	32.87	0	3,347	0.00
Unknown	122	14.81	4	82,401	327.87
White	265	20.25	41	130,861	1,547.17
<i>CB Region (Other)</i>					
American Indian or Alaska Native	0	0.00	0	74	NaN
Asian	6	24.74	0	2,425	0.00
Black or African American	0	0.00	0	261	NaN
Native Hawaiian or Other Pacific Islander	18	66.03	1	2,726	555.56
Unknown	79	28.09	5	28,127	632.91
White	1	18.32	0	546	0.00

¹Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

²See Appendix B for a list of states and territories included in each Census Bureau region.

³Eligible Members are reflective of the number of patients that met all cohort entry criteria on at least one day during the query period.

⁴Data presented by a dash, asterisk, or period represent missing information. Data represented by NaN (Not a Number) is due to their inability to be calculated. This table may not use all data representations.

Table 9. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region and Hispanic Origin^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
Index = Evidence of PCR Test for SARS COV2: Outcome = None					
<i>Midwest</i>					
Yes	9,117	1,571.30	N/A ⁴	58,022	N/A
No	176,794	1,655.66	N/A	1,067,816	N/A
Unknown	154,675	719.03	N/A	2,151,155	N/A
<i>Northeast</i>					
Yes	18,966	2,690.25	N/A	70,499	N/A
No	16,542	1,340.33	N/A	123,417	N/A
Unknown	381,031	1,800.54	N/A	2,116,209	N/A
<i>South</i>					
Yes	32,984	1,607.93	N/A	205,133	N/A
No	291,469	1,394.51	N/A	2,090,124	N/A
Unknown	445,599	1,138.90	N/A	3,912,539	N/A
<i>West</i>					
Yes	70,241	2,470.59	N/A	284,309	N/A
No	397,389	2,505.86	N/A	1,585,837	N/A
Unknown	213,115	1,059.69	N/A	2,011,100	N/A
<i>CB Region (Invalid)</i>					
Yes	135	759.71	N/A	1,777	N/A
No	764	1,864.32	N/A	4,098	N/A
Unknown	1,371	133.16	N/A	102,955	N/A
<i>CB Region (Missing)</i>					
Yes	4,212	3,231.80	N/A	13,033	N/A
No	48,136	3,043.83	N/A	158,143	N/A
Unknown	7,986	995.10	N/A	80,253	N/A
<i>CB Region (Other)</i>					
Yes	15	632.91	N/A	237	N/A
No	2	1,111.11	N/A	18	N/A
Unknown	158	46.60	N/A	33,904	N/A
Index = Evidence of PCR Test for SARS COV2: Outcome = COVID+					
<i>Midwest</i>					
Yes	9,117	1,571.30	2,249	58,022	2,466.82
No	176,794	1,655.66	29,361	1,067,816	1,660.75
Unknown	154,675	719.03	29,905	2,151,155	1,933.41

Table 9. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region and Hispanic Origin^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>Northeast</i>					
Yes	18,966	2,690.25	3,966	70,499	2,091.11
No	16,542	1,340.33	2,995	123,417	1,810.54
Unknown	381,031	1,800.54	62,302	2,116,209	1,635.09
<i>South</i>					
Yes	32,984	1,607.93	8,355	205,133	2,533.05
No	291,469	1,394.51	55,685	2,090,124	1,910.49
Unknown	445,599	1,138.90	83,782	3,912,539	1,880.21
<i>West</i>					
Yes	70,241	2,470.59	16,502	284,309	2,349.34
No	397,389	2,505.86	45,408	1,585,837	1,142.66
Unknown	213,115	1,059.69	36,498	2,011,100	1,712.60
<i>CB Region (Invalid)</i>					
Yes	135	759.71	30	1,777	2,222.22
No	764	1,864.32	133	4,098	1,740.84
Unknown	1,371	133.16	193	102,955	1,407.73
<i>CB Region (Missing)</i>					
Yes	4,212	3,231.80	549	13,033	1,303.42
No	48,136	3,043.83	4,616	158,143	958.95
Unknown	7,986	995.10	909	80,253	1,138.24
<i>CB Region (Other)</i>					
Yes	15	632.91	0	237	0.00
No	2	1,111.11	0	18	0.00
Unknown	158	46.60	9	33,904	569.62
Index = COVID+: Outcome = Hospitalized with COVID, Overall Race					
<i>Midwest</i>					
Yes	5,052	870.70	529	58,022	1,047.11
No	70,496	660.19	15,149	1,067,816	2,148.92
Unknown	114,424	531.92	13,678	2,151,155	1,195.38
<i>Northeast</i>					
Yes	8,337	1,182.57	542	70,499	650.11
No	8,762	709.95	2,298	123,417	2,622.69
Unknown	140,712	664.92	13,935	2,116,209	990.32
<i>South</i>					

Table 9. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region and Hispanic Origin^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
Yes	20,896	1,018.66	2,458	205,133	1,176.30
No	143,270	685.46	40,414	2,090,124	2,820.83
Unknown	238,324	609.13	26,834	3,912,539	1,125.95
<i>West</i>					
Yes	24,193	850.94	2,004	284,309	828.34
No	64,005	403.60	8,978	1,585,837	1,402.70
Unknown	81,790	406.69	5,846	2,011,100	714.76
<i>CB Region (Invalid)</i>					
Yes	75	422.06	6	1,777	800.00
No	225	549.05	41	4,098	1,822.22
Unknown	947	91.98	57	102,955	601.90
<i>CB Region (Missing)</i>					
Yes	686	526.36	37	13,033	539.36
No	5,886	372.19	330	158,143	560.65
Unknown	1,980	246.72	101	80,253	510.10
<i>CB Region (Other)</i>					
Yes	3	126.58	0	237	0.00
No	0	0.00	0	18	NaN
Unknown	543	160.16	104	33,904	1,915.29
Index = COVID+: Outcome = Hospitalized with COVID, Unknown Race					
<i>Midwest</i>					
Yes	3,575	931.67	440	38,372	1,230.77
No	363	548.84	10	6,614	275.48
Unknown	75,751	508.69	9,325	1,489,133	1,231.01
<i>Northeast</i>					
Yes	6,598	1,246.55	474	52,930	718.40
No	0	0.00	0	20	NaN
Unknown	78,499	624.74	6,712	1,256,499	855.04
<i>South</i>					
Yes	17,499	1,048.80	2,249	166,848	1,285.22
No	5	588.24	0	85	0.00
Unknown	160,939	593.86	16,605	2,710,029	1,031.76
<i>West</i>					

Table 9. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region and Hispanic Origin^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
Yes	20,306	929.28	1,782	218,514	877.57
No	1,220	430.29	83	28,353	680.33
Unknown	54,670	379.74	3,914	1,439,660	715.93
<i>CB Region (Invalid)</i>					
Yes	56	466.67	5	1,200	892.86
No	1	149.25	0	67	0.00
Unknown	620	67.72	33	91,559	532.26
<i>CB Region (Missing)</i>					
Yes	357	622.71	18	5,733	504.20
No	148	385.82	9	3,836	608.11
Unknown	1,754	240.83	95	72,832	541.62
<i>CB Region (Other)</i>					
Yes	1	81.30	0	123	0.00
No	0	0.00	0	1	NaN
Unknown	427	152.48	79	28,003	1,850.12
Index = COVID+; Outcome = Hospitalized with COVID, Known Race					
<i>Midwest</i>					
Yes	1,477	751.65	89	19,650	602.57
No	70,133	660.88	15,139	1,061,202	2,158.61
Unknown	38,673	584.16	4,353	662,022	1,125.59
<i>Northeast</i>					
Yes	1,739	989.81	68	17,569	391.03
No	8,762	710.07	2,298	123,397	2,622.69
Unknown	62,213	723.65	7,223	859,710	1,161.01
<i>South</i>					
Yes	3,397	887.29	209	38,285	615.25
No	143,265	685.47	40,414	2,090,039	2,820.93
Unknown	77,385	643.53	10,229	1,202,510	1,321.83
<i>West</i>					
Yes	3,887	590.77	222	65,795	571.13
No	62,785	403.12	8,895	1,557,484	1,416.74
Unknown	27,120	474.59	1,932	571,440	712.39
<i>CB Region (Invalid)</i>					

Table 9. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region and Hispanic Origin^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
Yes	19	329.29	1	577	526.32
No	224	555.69	41	4,031	1,830.36
Unknown	327	286.94	24	11,396	733.94
<i>CB Region (Missing)</i>					
Yes	329	450.68	19	7,300	577.51
No	5,738	371.86	321	154,307	559.43
Unknown	226	304.54	6	7,421	265.49
<i>CB Region (Other)</i>					
Yes	2	175.44	0	114	0.00
No	0	0.00	0	17	NaN
Unknown	116	196.58	25	5,901	2,155.17
Index = COVID+; Outcome = Hospitalized with COVID, American Indian or Alaska Native					
<i>Midwest</i>					
Yes	110	703.77	11	1,563	1,000.00
No	395	761.37	71	5,188	1,797.47
Unknown	190	452.60	27	4,198	1,421.05
<i>Northeast</i>					
Yes	104	1,082.21	2	961	192.31
No	11	738.26	3	149	2,727.27
Unknown	88	601.92	9	1,462	1,022.73
<i>South</i>					
Yes	323	1,064.60	31	3,034	959.75
No	472	912.43	125	5,173	2,648.31
Unknown	325	834.83	40	3,893	1,230.77
<i>West</i>					
Yes	297	668.32	21	4,444	707.07
No	805	553.34	176	14,548	2,186.34
Unknown	295	803.16	27	3,673	915.25
<i>CB Region (Invalid)</i>					
Yes	0	0.00	0	33	NaN
No	2	1,000.00	0	20	0.00
Unknown	2	344.83	0	58	0.00
<i>CB Region (Missing)</i>					
Yes	23	526.32	4	437	1,739.13

Table 9. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region and Hispanic Origin^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
No	92	378.91	4	2,428	434.78
Unknown	4	404.04	0	99	0.00
<i>CB Region (Other)</i>					
Yes	0	0.00	0	7	NaN
No	0	NaN	0	0	NaN
Unknown	1	149.25	0	67	0.00
Index = COVID+: Outcome = Hospitalized with COVID, Asian					
<i>Midwest</i>					
Yes	121	897.63	6	1,348	495.87
No	2,001	618.41	299	32,357	1,494.25
Unknown	1,271	325.18	118	39,086	928.40
<i>Northeast</i>					
Yes	317	1,199.85	13	2,642	410.09
No	155	793.65	43	1,953	2,774.19
Unknown	3,934	481.00	267	81,788	678.70
<i>South</i>					
Yes	653	1,104.72	37	5,911	566.62
No	986	496.08	290	19,876	2,941.18
Unknown	3,097	409.54	282	75,622	910.56
<i>West</i>					
Yes	563	819.74	33	6,868	586.15
No	3,885	340.55	460	114,080	1,184.04
Unknown	3,271	316.34	221	103,401	675.63
<i>CB Region (Invalid)</i>					
Yes	2	338.98	0	59	0.00
No	8	437.16	2	183	2,500.00
Unknown	53	215.97	1	2,454	188.68
<i>CB Region (Missing)</i>					
Yes	13	278.97	1	466	769.23
No	550	309.28	27	17,783	490.91
Unknown	25	224.01	1	1,116	400.00
<i>CB Region (Other)</i>					
Yes	0	0.00	0	6	NaN

Table 9. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region and Hispanic Origin^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
No	0	0.00	0	3	NaN
Unknown	37	153.15	6	2,416	1,621.62
Index = COVID+: Outcome = Hospitalized with COVID, Black or African American					
<i>Midwest</i>					
Yes	148	626.32	12	2,363	810.81
No	9,404	708.13	2,538	132,801	2,698.85
Unknown	3,458	587.36	730	58,874	2,111.05
<i>Northeast</i>					
Yes	318	1,024.15	18	3,105	566.04
No	1,490	839.20	456	17,755	3,060.40
Unknown	8,265	940.87	1,572	87,844	1,902.00
<i>South</i>					
Yes	381	888.32	27	4,289	708.66
No	33,340	783.74	11,559	425,396	3,467.01
Unknown	14,211	704.37	2,595	201,755	1,826.05
<i>West</i>					
Yes	254	573.75	10	4,427	393.70
No	4,126	496.51	676	83,100	1,638.39
Unknown	1,403	543.74	139	25,803	990.73
<i>CB Region (Invalid)</i>					
Yes	4	769.23	0	52	0.00
No	17	557.38	2	305	1,176.47
Unknown	18	170.94	4	1,053	2,222.22
<i>CB Region (Missing)</i>					
Yes	22	415.88	0	529	0.00
No	595	523.12	33	11,374	554.62
Unknown	28	476.19	0	588	0.00
<i>CB Region (Other)</i>					
Yes	0	0.00	0	11	NaN
No	0	0.00	0	7	NaN
Unknown	10	411.52	0	243	0.00
Index = COVID+: Outcome = Hospitalized with COVID, Native Hawaiian or Other Pacific Islander					
<i>Midwest</i>					

Table 9. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region and Hispanic Origin^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
Yes	30	949.37	1	316	333.33
No	670	640.23	201	10,465	3,000.00
Unknown	56	520.45	6	1,076	1,071.43
<i>Northeast</i>					
Yes	43	1,628.79	2	264	465.12
No	209	823.48	56	2,538	2,679.43
Unknown	108	967.74	10	1,116	925.93
<i>South</i>					
Yes	46	946.50	2	486	434.78
No	1,499	602.01	443	24,900	2,955.30
Unknown	120	686.89	6	1,747	500.00
<i>West</i>					
Yes	93	675.87	8	1,376	860.22
No	1,500	506.33	306	29,625	2,040.00
Unknown	247	691.68	21	3,571	850.20
<i>CB Region (Invalid)</i>					
Yes	0	0.00	0	9	NaN
No	2	416.67	0	48	0.00
Unknown	2	250.00	1	80	5,000.00
<i>CB Region (Missing)</i>					
Yes	10	436.68	0	229	0.00
No	198	666.22	11	2,972	555.56
Unknown	9	616.44	0	146	0.00
<i>CB Region (Other)</i>					
Yes	1	142.86	0	70	0.00
No	0	0.00	0	2	NaN
Unknown	63	237.38	18	2,654	2,857.14

Index = COVID+; Outcome = Hospitalized with COVID, White

Midwest

Yes	1,068	759.60	59	14,060	552.43
No	57,663	654.97	12,030	880,391	2,086.26
Unknown	33,698	603.06	3,472	558,788	1,030.33

Northeast

Table 9. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region and Hispanic Origin^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
Yes	957	903.09	33	10,597	344.83
No	6,897	682.86	1,740	101,002	2,522.84
Unknown	49,818	724.63	5,365	687,500	1,076.92
<i>South</i>					
Yes	1,994	811.72	112	24,565	561.69
No	106,968	662.47	27,997	1,614,694	2,617.32
Unknown	59,632	648.53	7,306	919,493	1,225.18
<i>West</i>					
Yes	2,680	550.53	150	48,680	559.70
No	52,469	398.66	7,277	1,316,131	1,386.91
Unknown	21,904	503.55	1,524	434,992	695.76
<i>CB Region (Invalid)</i>					
Yes	13	306.60	1	424	769.23
No	195	561.15	37	3,475	1,897.44
Unknown	252	325.12	18	7,751	714.29
<i>CB Region (Missing)</i>					
Yes	261	462.85	14	5,639	536.40
No	4,303	359.33	246	119,750	571.69
Unknown	160	292.40	5	5,472	312.50
<i>CB Region (Other)</i>					
Yes	1	500.00	0	20	0.00
No	0	0.00	0	5	NaN
Unknown	5	95.97	1	521	2,000.00
Index = COVID+; Outcome = Hospitalized with Critical COVID					
<i>Midwest</i>					
Yes	5,052	870.70	305	58,022	603.72
No	70,496	660.19	7,676	1,067,816	1,088.86
Unknown	114,424	531.92	7,428	2,151,155	649.16
<i>Northeast</i>					
Yes	8,337	1,182.57	258	70,499	309.46
No	8,762	709.95	1,140	123,417	1,301.07
Unknown	140,712	664.92	7,428	2,116,209	527.89
<i>South</i>					
Yes	20,896	1,018.66	1,565	205,133	748.95

Table 9. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region and Hispanic Origin^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
No	143,270	685.46	23,658	2,090,124	1,651.29
Unknown	238,324	609.13	15,136	3,912,539	635.10
<i>West</i>					
Yes	24,193	850.94	1,125	284,309	465.01
No	64,005	403.60	4,871	1,585,837	761.03
Unknown	81,790	406.69	3,416	2,011,100	417.65
<i>CB Region (Invalid)</i>					
Yes	75	422.06	2	1,777	266.67
No	225	549.05	28	4,098	1,244.44
Unknown	947	91.98	22	102,955	232.31
<i>CB Region (Missing)</i>					
Yes	686	526.36	20	13,033	291.55
No	5,886	372.19	194	158,143	329.60
Unknown	1,980	246.72	47	80,253	237.37
<i>CB Region (Other)</i>					
Yes	3	126.58	0	237	0.00
No	0	0.00	0	18	NaN
Unknown	543	160.16	70	33,904	1,289.13
Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, Overall Race					
<i>Midwest</i>					
Yes	529	91.17	305	58,022	5,765.60
No	15,149	141.87	7,676	1,067,816	5,067.00
Unknown	13,678	63.58	7,428	2,151,155	5,430.62
<i>Northeast</i>					
Yes	542	76.88	258	70,499	4,760.15
No	2,298	186.20	1,140	123,417	4,960.84
Unknown	13,935	65.85	7,428	2,116,209	5,330.46
<i>South</i>					
Yes	2,458	119.82	1,565	205,133	6,366.97
No	40,414	193.36	23,658	2,090,124	5,853.91
Unknown	26,834	68.58	15,136	3,912,539	5,640.61
<i>West</i>					
Yes	2,004	70.49	1,125	284,309	5,613.77
No	8,978	56.61	4,871	1,585,837	5,425.48

Table 9. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region and Hispanic Origin^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
Unknown	5,846	29.07	3,416	2,011,100	5,843.31
<i>CB Region (Invalid)</i>					
Yes	6	33.76	2	1,777	3,333.33
No	41	100.05	28	4,098	6,829.27
Unknown	57	5.54	22	102,955	3,859.65
<i>CB Region (Missing)</i>					
Yes	37	28.39	20	13,033	5,405.41
No	330	20.87	194	158,143	5,878.79
Unknown	101	12.59	47	80,253	4,653.47
<i>CB Region (Other)</i>					
Yes	0	0.00	0	237	NaN
No	0	0.00	0	18	NaN
Unknown	104	30.67	70	33,904	6,730.77
Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, Unknown Race					
<i>Midwest</i>					
Yes	440	114.67	268	38,372	6,090.91
No	10	15.12	5	6,614	5,000.00
Unknown	9,325	62.62	4,923	1,489,133	5,279.36
<i>Northeast</i>					
Yes	474	89.55	228	52,930	4,810.13
No	0	0.00	0	20	NaN
Unknown	6,712	53.42	3,542	1,256,499	5,277.12
<i>South</i>					
Yes	2,249	134.79	1,443	166,848	6,416.18
No	0	0.00	0	85	NaN
Unknown	16,605	61.27	9,271	2,710,029	5,583.26
<i>West</i>					
Yes	1,782	81.55	1,012	218,514	5,679.01
No	83	29.27	42	28,353	5,060.24
Unknown	3,914	27.19	2,248	1,439,660	5,743.48
<i>CB Region (Invalid)</i>					
Yes	5	41.67	2	1,200	4,000.00
No	0	0.00	0	67	NaN

Table 9. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region and Hispanic Origin^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
Unknown	33	3.60	13	91,559	3,939.39
<i>CB Region (Missing)</i>					
Yes	18	31.40	10	5,733	5,555.56
No	9	23.46	4	3,836	4,444.44
Unknown	95	13.04	45	72,832	4,736.84
<i>CB Region (Other)</i>					
Yes	0	0.00	0	123	NaN
No	0	0.00	0	1	NaN
Unknown	79	28.21	50	28,003	6,329.11
Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, Known Race					
<i>Midwest</i>					
Yes	89	45.29	37	19,650	4,157.30
No	15,139	142.66	7,671	1,061,202	5,067.05
Unknown	4,353	65.75	2,505	662,022	5,754.65
<i>Northeast</i>					
Yes	68	38.70	30	17,569	4,411.76
No	2,298	186.23	1,140	123,397	4,960.84
Unknown	7,223	84.02	3,886	859,710	5,380.04
<i>South</i>					
Yes	209	54.59	122	38,285	5,837.32
No	40,414	193.36	23,658	2,090,039	5,853.91
Unknown	10,229	85.06	5,865	1,202,510	5,733.70
<i>West</i>					
Yes	222	33.74	113	65,795	5,090.09
No	8,895	57.11	4,829	1,557,484	5,428.89
Unknown	1,932	33.81	1,168	571,440	6,045.55
<i>CB Region (Invalid)</i>					
Yes	1	17.33	0	577	0.00
No	41	101.71	28	4,031	6,829.27
Unknown	24	21.06	9	11,396	3,750.00
<i>CB Region (Missing)</i>					
Yes	19	26.03	10	7,300	5,263.16
No	321	20.80	190	154,307	5,919.00

Table 9. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region and Hispanic Origin^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
Unknown	6	8.09	2	7,421	3,333.33
<i>CB Region (Other)</i>					
Yes	0	0.00	0	114	NaN
No	0	0.00	0	17	NaN
Unknown	25	42.37	20	5,901	8,000.00
Index = Hospitalized with COVID; Outcome = Hospitalized with Critical COVID, American Indian or Alaska Native					
<i>Midwest</i>					
Yes	11	70.38	3	1,563	2,727.27
No	71	136.85	32	5,188	4,507.04
Unknown	27	64.32	14	4,198	5,185.19
<i>Northeast</i>					
Yes	2	20.81	0	961	0.00
No	3	201.34	2	149	6,666.67
Unknown	9	61.56	5	1,462	5,555.56
<i>South</i>					
Yes	31	102.18	18	3,034	5,806.45
No	125	241.64	73	5,173	5,840.00
Unknown	40	102.75	26	3,893	6,500.00
<i>West</i>					
Yes	21	47.25	10	4,444	4,761.90
No	176	120.98	89	14,548	5,056.82
Unknown	27	73.51	13	3,673	4,814.81
<i>CB Region (Invalid)</i>					
Yes	0	0.00	0	33	NaN
No	0	0.00	0	20	NaN
Unknown	0	0.00	0	58	NaN
<i>CB Region (Missing)</i>					
Yes	4	91.53	1	437	2,500.00
No	4	16.47	2	2,428	5,000.00
Unknown	0	0.00	0	99	NaN
<i>CB Region (Other)</i>					
Yes	0	0.00	0	7	NaN
No	0	NaN	0	0	NaN
Unknown	0	0.00	0	67	NaN

Table 9. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region and Hispanic Origin^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, Asian					
<i>Midwest</i>					
Yes	6	44.51	2	1,348	3,333.33
No	299	92.41	137	32,357	4,581.94
Unknown	118	30.19	53	39,086	4,491.53
<i>Northeast</i>					
Yes	13	49.21	5	2,642	3,846.15
No	43	220.17	24	1,953	5,581.40
Unknown	267	32.65	123	81,788	4,606.74
<i>South</i>					
Yes	37	62.60	23	5,911	6,216.22
No	290	145.90	191	19,876	6,586.21
Unknown	282	37.29	180	75,622	6,382.98
<i>West</i>					
Yes	33	48.05	19	6,868	5,757.58
No	460	40.32	257	114,080	5,586.96
Unknown	221	21.37	125	103,401	5,656.11
<i>CB Region (Invalid)</i>					
Yes	0	0.00	0	59	NaN
No	2	109.29	2	183	10,000.00
Unknown	1	4.07	0	2,454	0.00
<i>CB Region (Missing)</i>					
Yes	1	21.46	1	466	10,000.00
No	27	15.18	16	17,783	5,925.93
Unknown	1	8.96	0	1,116	0.00
<i>CB Region (Other)</i>					
Yes	0	0.00	0	6	NaN
No	0	0.00	0	3	NaN
Unknown	6	24.83	5	2,416	8,333.33
Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, Black or African American					
<i>Midwest</i>					
Yes	12	50.78	6	2,363	5,000.00
No	2,538	191.11	1,439	132,801	5,669.82

Table 9. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region and Hispanic Origin^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
Unknown	730	123.99	465	58,874	6,369.86
<i>Northeast</i>					
Yes	18	57.97	8	3,105	4,444.44
No	456	256.83	240	17,755	5,263.16
Unknown	1,572	178.95	805	87,844	5,120.87
<i>South</i>					
Yes	27	62.95	17	4,289	6,296.30
No	11,559	271.72	6,823	425,396	5,902.76
Unknown	2,595	128.62	1,511	201,755	5,822.74
<i>West</i>					
Yes	10	22.59	4	4,427	4,000.00
No	676	81.35	359	83,100	5,310.65
Unknown	139	53.87	78	25,803	5,611.51
<i>CB Region (Invalid)</i>					
Yes	0	0.00	0	52	NaN
No	2	65.57	0	305	0.00
Unknown	4	37.99	2	1,053	5,000.00
<i>CB Region (Missing)</i>					
Yes	0	0.00	0	529	NaN
No	33	29.01	23	11,374	6,969.70
Unknown	0	0.00	0	588	NaN
<i>CB Region (Other)</i>					
Yes	0	0.00	0	11	NaN
No	0	0.00	0	7	NaN
Unknown	0	0.00	0	243	NaN
Index = Hospitalized with COVID; Outcome = Hospitalized with Critical COVID, Native Hawaiian or Other Pacific Islander					
<i>Midwest</i>					
Yes	1	31.65	0	316	0.00
No	201	192.07	110	10,465	5,472.64
Unknown	6	55.76	3	1,076	5,000.00
<i>Northeast</i>					
Yes	2	75.76	0	264	0.00
No	56	220.65	25	2,538	4,464.29

Table 9. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region and Hispanic Origin^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
Unknown	10	89.61	6	1,116	6,000.00
<i>South</i>					
Yes	2	41.15	2	486	10,000.00
No	443	177.91	276	24,900	6,230.25
Unknown	6	34.34	4	1,747	6,666.67
<i>West</i>					
Yes	8	58.14	5	1,376	6,250.00
No	306	103.29	182	29,625	5,947.71
Unknown	21	58.81	13	3,571	6,190.48
<i>CB Region (Invalid)</i>					
Yes	0	0.00	0	9	NaN
No	0	0.00	0	48	NaN
Unknown	1	125.00	0	80	0.00
<i>CB Region (Missing)</i>					
Yes	0	0.00	0	229	NaN
No	11	37.01	8	2,972	7,272.73
Unknown	0	0.00	0	146	NaN
<i>CB Region (Other)</i>					
Yes	0	0.00	0	70	NaN
No	0	0.00	0	2	NaN
Unknown	18	67.82	14	2,654	7,777.78

Index = Hospitalized with COVID; Outcome = Hospitalized with Critical COVID, White

<i>Midwest</i>					
Yes	59	41.96	26	14,060	4,406.78
No	12,030	136.64	5,953	880,391	4,948.46
Unknown	3,472	62.13	1,970	558,788	5,673.96
<i>Northeast</i>					
Yes	33	31.14	17	10,597	5,151.52
No	1,740	172.27	849	101,002	4,879.31
Unknown	5,365	78.04	2,947	687,500	5,493.01
<i>South</i>					
Yes	112	45.59	62	24,565	5,535.71
No	27,997	173.39	16,295	1,614,694	5,820.27

Table 9. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region and Hispanic Origin^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
Unknown	7,306	79.46	4,144	919,493	5,672.05
<i>West</i>					
Yes	150	30.81	75	48,680	5,000.00
No	7,277	55.29	3,942	1,316,131	5,417.07
Unknown	1,524	35.04	939	434,992	6,161.42
<i>CB Region (Invalid)</i>					
Yes	1	23.58	0	424	0.00
No	37	106.47	26	3,475	7,027.03
Unknown	18	23.22	7	7,751	3,888.89
<i>CB Region (Missing)</i>					
Yes	14	24.83	8	5,639	5,714.29
No	246	20.54	141	119,750	5,731.71
Unknown	5	9.14	2	5,472	4,000.00
<i>CB Region (Other)</i>					
Yes	0	0.00	0	20	NaN
No	0	0.00	0	5	NaN
Unknown	1	19.19	1	521	10,000.00
Index = Hospitalized with Critical COVID: Outcome = None, Overall Race					
<i>Midwest</i>					
Yes	305	52.57	N/A	58,022	N/A
No	7,676	71.89	N/A	1,067,816	N/A
Unknown	7,428	34.53	N/A	2,151,155	N/A
<i>Northeast</i>					
Yes	258	36.60	N/A	70,499	N/A
No	1,140	92.37	N/A	123,417	N/A
Unknown	7,428	35.10	N/A	2,116,209	N/A
<i>South</i>					
Yes	1,565	76.29	N/A	205,133	N/A
No	23,658	113.19	N/A	2,090,124	N/A
Unknown	15,136	38.69	N/A	3,912,539	N/A
<i>West</i>					
Yes	1,125	39.57	N/A	284,309	N/A
No	4,871	30.72	N/A	1,585,837	N/A
Unknown	3,416	16.99	N/A	2,011,100	N/A

Table 9. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region and Hispanic Origin^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Invalid)</i>					
Yes	2	11.25	N/A	1,777	N/A
No	28	68.33	N/A	4,098	N/A
Unknown	22	2.14	N/A	102,955	N/A
<i>CB Region (Missing)</i>					
Yes	20	15.35	N/A	13,033	N/A
No	194	12.27	N/A	158,143	N/A
Unknown	47	5.86	N/A	80,253	N/A
<i>CB Region (Other)</i>					
Yes	0	0.00	N/A	237	N/A
No	0	0.00	N/A	18	N/A
Unknown	70	20.65	N/A	33,904	N/A
Index = Hospitalized with Critical COVID: Outcome = None, Unknown Race					
<i>Midwest</i>					
Yes	268	69.84	N/A	38,372	N/A
No	5	7.56	N/A	6,614	N/A
Unknown	4,923	33.06	N/A	1,489,133	N/A
<i>Northeast</i>					
Yes	228	43.08	N/A	52,930	N/A
No	0	0.00	N/A	20	N/A
Unknown	3,542	28.19	N/A	1,256,499	N/A
<i>South</i>					
Yes	1,443	86.49	N/A	166,848	N/A
No	0	0.00	N/A	85	N/A
Unknown	9,271	34.21	N/A	2,710,029	N/A
<i>West</i>					
Yes	1,012	46.31	N/A	218,514	N/A
No	42	14.81	N/A	28,353	N/A
Unknown	2,248	15.61	N/A	1,439,660	N/A
<i>CB Region (Invalid)</i>					
Yes	2	16.67	N/A	1,200	N/A
No	0	0.00	N/A	67	N/A
Unknown	13	1.42	N/A	91,559	N/A

Table 9. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region and Hispanic Origin^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Missing)</i>					
Yes	10	17.44	N/A	5,733	N/A
No	4	10.43	N/A	3,836	N/A
Unknown	45	6.18	N/A	72,832	N/A
<i>CB Region (Other)</i>					
Yes	0	0.00	N/A	123	N/A
No	0	0.00	N/A	1	N/A
Unknown	50	17.86	N/A	28,003	N/A
Index = Hospitalized with Critical COVID: Outcome = None, Known Race					
<i>Midwest</i>					
Yes	37	18.83	N/A	19,650	N/A
No	7,671	72.29	N/A	1,061,202	N/A
Unknown	2,505	37.84	N/A	662,022	N/A
<i>Northeast</i>					
Yes	30	17.08	N/A	17,569	N/A
No	1,140	92.38	N/A	123,397	N/A
Unknown	3,886	45.20	N/A	859,710	N/A
<i>South</i>					
Yes	122	31.87	N/A	38,285	N/A
No	23,658	113.19	N/A	2,090,039	N/A
Unknown	5,865	48.77	N/A	1,202,510	N/A
<i>West</i>					
Yes	113	17.17	N/A	65,795	N/A
No	4,829	31.01	N/A	1,557,484	N/A
Unknown	1,168	20.44	N/A	571,440	N/A
<i>CB Region (Invalid)</i>					
Yes	0	0.00	N/A	577	N/A
No	28	69.46	N/A	4,031	N/A
Unknown	9	7.90	N/A	11,396	N/A
<i>CB Region (Missing)</i>					
Yes	10	13.70	N/A	7,300	N/A
No	190	12.31	N/A	154,307	N/A
Unknown	2	2.70	N/A	7,421	N/A

Table 9. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region and Hispanic Origin^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Other)</i>					
Yes	0	0.00	N/A	114	N/A
No	0	0.00	N/A	17	N/A
Unknown	20	33.89	N/A	5,901	N/A
Index = Hospitalized with Critical COVID: Outcome = None, American Indian or Alaska Native					
<i>Midwest</i>					
Yes	3	19.19	N/A	1,563	N/A
No	32	61.68	N/A	5,188	N/A
Unknown	14	33.35	N/A	4,198	N/A
<i>Northeast</i>					
Yes	0	0.00	N/A	961	N/A
No	2	134.23	N/A	149	N/A
Unknown	5	34.20	N/A	1,462	N/A
<i>South</i>					
Yes	18	59.33	N/A	3,034	N/A
No	73	141.12	N/A	5,173	N/A
Unknown	26	66.79	N/A	3,893	N/A
<i>West</i>					
Yes	10	22.50	N/A	4,444	N/A
No	89	61.18	N/A	14,548	N/A
Unknown	13	35.39	N/A	3,673	N/A
<i>CB Region (Invalid)</i>					
Yes	0	0.00	N/A	33	N/A
No	0	0.00	N/A	20	N/A
Unknown	0	0.00	N/A	58	N/A
<i>CB Region (Missing)</i>					
Yes	1	22.88	N/A	437	N/A
No	2	8.24	N/A	2,428	N/A
Unknown	0	0.00	N/A	99	N/A
<i>CB Region (Other)</i>					
Yes	0	0.00	N/A	7	N/A
No	0	NaN	N/A	0	N/A
Unknown	0	0.00	N/A	67	N/A
Index = Hospitalized with Critical COVID: Outcome = None, Asian					

Table 9. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region and Hispanic Origin^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>Midwest</i>					
Yes	2	14.84	N/A	1,348	N/A
No	137	42.34	N/A	32,357	N/A
Unknown	53	13.56	N/A	39,086	N/A
<i>Northeast</i>					
Yes	5	18.93	N/A	2,642	N/A
No	24	122.89	N/A	1,953	N/A
Unknown	123	15.04	N/A	81,788	N/A
<i>South</i>					
Yes	23	38.91	N/A	5,911	N/A
No	191	96.10	N/A	19,876	N/A
Unknown	180	23.80	N/A	75,622	N/A
<i>West</i>					
Yes	19	27.66	N/A	6,868	N/A
No	257	22.53	N/A	114,080	N/A
Unknown	125	12.09	N/A	103,401	N/A
<i>CB Region (Invalid)</i>					
Yes	0	0.00	N/A	59	N/A
No	2	109.29	N/A	183	N/A
Unknown	0	0.00	N/A	2,454	N/A
<i>CB Region (Missing)</i>					
Yes	1	21.46	N/A	466	N/A
No	16	9.00	N/A	17,783	N/A
Unknown	0	0.00	N/A	1,116	N/A
<i>CB Region (Other)</i>					
Yes	0	0.00	N/A	6	N/A
No	0	0.00	N/A	3	N/A
Unknown	5	20.70	N/A	2,416	N/A

Index = Hospitalized with Critical COVID: Outcome = None, Black or African American

<i>Midwest</i>					
Yes	6	25.39	N/A	2,363	N/A
No	1,439	108.36	N/A	132,801	N/A
Unknown	465	78.98	N/A	58,874	N/A
<i>Northeast</i>					

Table 9. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region and Hispanic Origin^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
Yes	8	25.76	N/A	3,105	N/A
No	240	135.17	N/A	17,755	N/A
Unknown	805	91.64	N/A	87,844	N/A
<i>South</i>					
Yes	17	39.64	N/A	4,289	N/A
No	6,823	160.39	N/A	425,396	N/A
Unknown	1,511	74.89	N/A	201,755	N/A
<i>West</i>					
Yes	4	9.04	N/A	4,427	N/A
No	359	43.20	N/A	83,100	N/A
Unknown	78	30.23	N/A	25,803	N/A
<i>CB Region (Invalid)</i>					
Yes	0	0.00	N/A	52	N/A
No	0	0.00	N/A	305	N/A
Unknown	2	18.99	N/A	1,053	N/A
<i>CB Region (Missing)</i>					
Yes	0	0.00	N/A	529	N/A
No	23	20.22	N/A	11,374	N/A
Unknown	0	0.00	N/A	588	N/A
<i>CB Region (Other)</i>					
Yes	0	0.00	N/A	11	N/A
No	0	0.00	N/A	7	N/A
Unknown	0	0.00	N/A	243	N/A
Index = Hospitalized with Critical COVID: Outcome = None, Native Hawaiian or Other Pacific Islander					
<i>Midwest</i>					
Yes	0	0.00	N/A	316	N/A
No	110	105.11	N/A	10,465	N/A
Unknown	3	27.88	N/A	1,076	N/A
<i>Northeast</i>					
Yes	0	0.00	N/A	264	N/A
No	25	98.50	N/A	2,538	N/A
Unknown	6	53.76	N/A	1,116	N/A
<i>South</i>					
Yes	2	41.15	N/A	486	N/A

Table 9. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region and Hispanic Origin^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
No	276	110.84	N/A	24,900	N/A
Unknown	4	22.90	N/A	1,747	N/A
<i>West</i>					
Yes	5	36.34	N/A	1,376	N/A
No	182	61.43	N/A	29,625	N/A
Unknown	13	36.40	N/A	3,571	N/A
<i>CB Region (Invalid)</i>					
Yes	0	0.00	N/A	9	N/A
No	0	0.00	N/A	48	N/A
Unknown	0	0.00	N/A	80	N/A
<i>CB Region (Missing)</i>					
Yes	0	0.00	N/A	229	N/A
No	8	26.92	N/A	2,972	N/A
Unknown	0	0.00	N/A	146	N/A
<i>CB Region (Other)</i>					
Yes	0	0.00	N/A	70	N/A
No	0	0.00	N/A	2	N/A
Unknown	14	52.75	N/A	2,654	N/A
Index = Hospitalized with Critical COVID: Outcome = None, White					
<i>Midwest</i>					
Yes	26	18.49	N/A	14,060	N/A
No	5,953	67.62	N/A	880,391	N/A
Unknown	1,970	35.25	N/A	558,788	N/A
<i>Northeast</i>					
Yes	17	16.04	N/A	10,597	N/A
No	849	84.06	N/A	101,002	N/A
Unknown	2,947	42.87	N/A	687,500	N/A
<i>South</i>					
Yes	62	25.24	N/A	24,565	N/A
No	16,295	100.92	N/A	1,614,694	N/A
Unknown	4,144	45.07	N/A	919,493	N/A
<i>West</i>					
Yes	75	15.41	N/A	48,680	N/A
No	3,942	29.95	N/A	1,316,131	N/A

Table 9. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region and Hispanic Origin^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
Unknown	939	21.59	N/A	434,992	N/A
<i>CB Region (Invalid)</i>					
Yes	0	0.00	N/A	424	N/A
No	26	74.82	N/A	3,475	N/A
Unknown	7	9.03	N/A	7,751	N/A
<i>CB Region (Missing)</i>					
Yes	8	14.19	N/A	5,639	N/A
No	141	11.77	N/A	119,750	N/A
Unknown	2	3.65	N/A	5,472	N/A
<i>CB Region (Other)</i>					
Yes	0	0.00	N/A	20	N/A
No	0	0.00	N/A	5	N/A
Unknown	1	19.19	N/A	521	N/A
Index = COVID+; Outcome = Death					
<i>Midwest</i>					
Yes	5,052	870.70	69	58,022	136.58
No	70,496	660.19	3,180	1,067,816	451.09
Unknown	114,424	531.92	2,277	2,151,155	199.00
<i>Northeast</i>					
Yes	8,337	1,182.57	74	70,499	88.76
No	8,762	709.95	485	123,417	553.53
Unknown	140,712	664.92	2,671	2,116,209	189.82
<i>South</i>					
Yes	20,896	1,018.66	382	205,133	182.81
No	143,270	685.46	8,096	2,090,124	565.09
Unknown	238,324	609.13	4,049	3,912,539	169.89
<i>West</i>					
Yes	24,193	850.94	360	284,309	148.80
No	64,005	403.60	2,132	1,585,837	333.10
Unknown	81,790	406.69	783	2,011,100	95.73
<i>CB Region (Invalid)</i>					
Yes	75	422.06	0	1,777	0.00
No	225	549.05	14	4,098	622.22
Unknown	947	91.98	5	102,955	52.80

Table 9. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region and Hispanic Origin^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Missing)</i>					
Yes	686	526.36	3	13,033	43.73
No	5,886	372.19	56	158,143	95.14
Unknown	1,980	246.72	7	80,253	35.35
<i>CB Region (Other)</i>					
Yes	3	126.58	0	237	0.00
No	0	0.00	0	18	NaN
Unknown	543	160.16	8	33,904	147.33
Index = Hospitalized with COVID: Outcome = Death					
<i>Midwest</i>					
Yes	529	91.17	62	58,022	1,172.02
No	15,149	141.87	2,420	1,067,816	1,597.47
Unknown	13,678	63.58	2,012	2,151,155	1,470.98
<i>Northeast</i>					
Yes	542	76.88	70	70,499	1,291.51
No	2,298	186.20	389	123,417	1,692.78
Unknown	13,935	65.85	2,385	2,116,209	1,711.52
<i>South</i>					
Yes	2,458	119.82	350	205,133	1,423.92
No	40,414	193.36	6,910	2,090,124	1,709.80
Unknown	26,834	68.58	3,701	3,912,539	1,379.22
<i>West</i>					
Yes	2,004	70.49	307	284,309	1,531.94
No	8,978	56.61	1,661	1,585,837	1,850.08
Unknown	5,846	29.07	714	2,011,100	1,221.35
<i>CB Region (Invalid)</i>					
Yes	6	33.76	0	1,777	0.00
No	41	100.05	13	4,098	3,170.73
Unknown	57	5.54	4	102,955	701.75
<i>CB Region (Missing)</i>					
Yes	37	28.39	3	13,033	810.81
No	330	20.87	44	158,143	1,333.33
Unknown	101	12.59	3	80,253	297.03

Table 9. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region and Hispanic Origin^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Other)</i>					
Yes	0	0.00	0	237	NaN
No	0	0.00	0	18	NaN
Unknown	104	30.67	6	33,904	576.92

¹Ethnicity data may not be completely populated at all Data Partners; therefore, data about ethnicity may be incomplete.

²See Appendix B for a list of states and territories included in each Census Bureau region.

³Eligible Members are reflective of the number of patients that met all cohort entry criteria on at least one day during the query period.

⁴Data presented by a dash, asterisk, or period represent missing information. Data represented by NaN (Not a Number) is due to their inability to be calculated. This table may not use all data representations.

Table 10. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Race, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
Index = Evidence of PCR Test for SARS COV2: Outcome = None					
<i>American Indian or Alaska Native, 2020</i>					
April	369	88.54	N/A ³	41,676	N/A
May	610	147.16	N/A	41,452	N/A
June	903	220.52	N/A	40,949	N/A
July	1,187	273.30	N/A	43,432	N/A
August	889	206.93	N/A	42,961	N/A
September	716	172.35	N/A	41,543	N/A
October	1,111	267.65	N/A	41,509	N/A
November	1,454	363.95	N/A	39,950	N/A
December	1,158	294.66	N/A	39,299	N/A
<i>American Indian or Alaska Native, 2021</i>					
January	805	223.94	N/A	35,947	N/A
February	502	145.45	N/A	34,514	N/A
March	507	148.85	N/A	34,061	N/A
<i>Asian, 2020</i>					
April	2,102	50.56	N/A	415,717	N/A
May	3,697	89.09	N/A	414,984	N/A
June	6,678	162.17	N/A	411,781	N/A
July	8,716	201.69	N/A	432,146	N/A
August	7,054	166.60	N/A	423,411	N/A
September	6,049	147.58	N/A	409,875	N/A
October	7,909	192.83	N/A	410,158	N/A
November	11,199	281.41	N/A	397,956	N/A
December	10,025	254.12	N/A	394,505	N/A
<i>Asian, 2021</i>					
January	6,672	182.29	N/A	366,005	N/A
February	4,387	123.80	N/A	354,356	N/A
March	4,379	124.23	N/A	352,491	N/A
<i>Black or African American, 2020</i>					
April	8,107	89.67	N/A	904,140	N/A
May	13,221	147.95	N/A	893,600	N/A
June	17,093	194.76	N/A	877,624	N/A
July	22,901	250.91	N/A	912,728	N/A
August	15,824	175.32	N/A	902,592	N/A
September	12,223	139.49	N/A	876,292	N/A

Table 10. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Race, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
October	14,562	166.42	N/A	875,004	N/A
November	17,742	207.94	N/A	853,242	N/A
December	18,283	215.21	N/A	849,539	N/A
<i>Black or African American, 2021</i>					
January	14,179	185.51	N/A	764,340	N/A
February	8,456	114.47	N/A	738,728	N/A
March	7,960	109.13	N/A	729,405	N/A
<i>Native Hawaiian or Other Pacific Islander, 2020</i>					
April	445	60.37	N/A	73,716	N/A
May	770	105.14	N/A	73,237	N/A
June	1,108	153.25	N/A	72,302	N/A
July	1,602	212.91	N/A	75,244	N/A
August	1,169	157.20	N/A	74,366	N/A
September	884	121.68	N/A	72,650	N/A
October	1,256	173.76	N/A	72,285	N/A
November	1,672	236.98	N/A	70,553	N/A
December	1,453	208.84	N/A	69,576	N/A
<i>Native Hawaiian or Other Pacific Islander, 2021</i>					
January	1,148	181.12	N/A	63,382	N/A
February	665	108.11	N/A	61,509	N/A
March	673	110.80	N/A	60,740	N/A
<i>Unknown, 2020</i>					
April	18,681	40.42	N/A	4,621,694	N/A
May	32,315	69.80	N/A	4,629,930	N/A
June	70,127	152.01	N/A	4,613,378	N/A
July	109,103	181.81	N/A	6,000,921	N/A
August	77,355	128.88	N/A	6,001,982	N/A
September	65,556	113.24	N/A	5,789,228	N/A
October	89,046	151.64	N/A	5,872,366	N/A
November	122,697	215.70	N/A	5,688,255	N/A
December	110,288	191.13	N/A	5,770,172	N/A
<i>Unknown, 2021</i>					
January	78,231	151.26	N/A	5,172,075	N/A
February	43,845	87.75	N/A	4,996,462	N/A
March	41,838	83.41	N/A	5,015,767	N/A

White, 2020

Table 10. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Race, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
April	32,891	55.78	N/A	5,896,210	N/A
May	66,145	112.95	N/A	5,855,940	N/A
June	102,461	177.24	N/A	5,780,936	N/A
July	132,478	220.05	N/A	6,020,302	N/A
August	99,276	167.57	N/A	5,924,608	N/A
September	89,286	154.77	N/A	5,769,051	N/A
October	122,343	214.10	N/A	5,714,334	N/A
November	158,413	285.66	N/A	5,545,517	N/A
December	131,052	240.61	N/A	5,446,645	N/A
<i>White, 2021</i>					
January	93,591	192.13	N/A	4,871,310	N/A
February	56,432	119.58	N/A	4,719,161	N/A
March	54,777	117.46	N/A	4,663,649	N/A
Index = Evidence of PCR Test for SARS COV2: Outcome = COVID+					
<i>American Indian or Alaska Native, 2020</i>					
April	369	88.54	62	41,676	1,680.22
May	610	147.16	96	41,452	1,573.77
June	903	220.52	138	40,949	1,528.24
July	1,187	273.30	198	43,432	1,668.07
August	889	206.93	113	42,961	1,271.09
September	716	172.35	90	41,543	1,256.98
October	1,111	267.65	176	41,509	1,584.16
November	1,454	363.95	317	39,950	2,180.19
December	1,158	294.66	264	39,299	2,279.79
<i>American Indian or Alaska Native, 2021</i>					
January	805	223.94	146	35,947	1,813.66
February	502	145.45	53	34,514	1,055.78
March	507	148.85	33	34,061	650.89
<i>Asian, 2020</i>					
April	2,102	50.56	535	415,717	2,545.20
May	3,697	89.09	593	414,984	1,604.00
June	6,678	162.17	871	411,781	1,304.28
July	8,716	201.69	1,128	432,146	1,294.17
August	7,054	166.60	725	423,411	1,027.79
September	6,049	147.58	588	409,875	972.06
October	7,909	192.83	906	410,158	1,145.53

Table 10. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Race, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
November	11,199	281.41	1,926	397,956	1,719.80
December	10,025	254.12	1,668	394,505	1,663.84
<i>Asian, 2021</i>					
January	6,672	182.29	1,048	366,005	1,570.74
February	4,387	123.80	400	354,356	911.78
March	4,379	124.23	341	352,491	778.72
<i>Black or African American, 2020</i>					
April	8,107	89.67	2,509	904,140	3,094.86
May	13,221	147.95	2,324	893,600	1,757.81
June	17,093	194.76	2,998	877,624	1,753.93
July	22,901	250.91	4,775	912,728	2,085.06
August	15,824	175.32	2,824	902,592	1,784.63
September	12,223	139.49	1,751	876,292	1,432.55
October	14,562	166.42	2,359	875,004	1,619.97
November	17,742	207.94	3,623	853,242	2,042.05
December	18,283	215.21	3,911	849,539	2,139.15
<i>Black or African American, 2021</i>					
January	14,179	185.51	3,051	764,340	2,151.77
February	8,456	114.47	1,218	738,728	1,440.40
March	7,960	109.13	775	729,405	973.62
<i>Native Hawaiian or Other Pacific Islander, 2020</i>					
April	445	60.37	104	73,716	2,337.08
May	770	105.14	103	73,237	1,337.66
June	1,108	153.25	187	72,302	1,687.73
July	1,602	212.91	309	75,244	1,928.84
August	1,169	157.20	182	74,366	1,556.89
September	884	121.68	128	72,650	1,447.96
October	1,256	173.76	176	72,285	1,401.27
November	1,672	236.98	359	70,553	2,147.13
December	1,453	208.84	339	69,576	2,333.10
<i>Native Hawaiian or Other Pacific Islander, 2021</i>					
January	1,148	181.12	275	63,382	2,395.47
February	665	108.11	95	61,509	1,428.57
March	673	110.80	53	60,740	787.52
<i>Unknown, 2020</i>					
April	18,681	40.42	5,454	4,621,694	2,919.54

Table 10. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Race, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
May	32,315	69.80	6,084	4,629,930	1,882.72
June	70,127	152.01	13,750	4,613,378	1,960.73
July	109,103	181.81	21,507	6,000,921	1,971.26
August	77,355	128.88	12,311	6,001,982	1,591.49
September	65,556	113.24	10,316	5,789,228	1,573.62
October	89,046	151.64	15,743	5,872,366	1,767.96
November	122,697	215.70	27,110	5,688,255	2,209.51
December	110,288	191.13	25,548	5,770,172	2,316.48
<i>Unknown, 2021</i>					
January	78,231	151.26	16,949	5,172,075	2,166.53
February	43,845	87.75	6,166	4,996,462	1,406.32
March	41,838	83.41	4,587	5,015,767	1,096.37
<i>White, 2020</i>					
April	32,891	55.78	6,284	5,896,210	1,910.55
May	66,145	112.95	8,683	5,855,940	1,312.72
June	102,461	177.24	13,342	5,780,936	1,302.15
July	132,478	220.05	18,697	6,020,302	1,411.33
August	99,276	167.57	12,444	5,924,608	1,253.48
September	89,286	154.77	11,237	5,769,051	1,258.54
October	122,343	214.10	17,416	5,714,334	1,423.54
November	158,413	285.66	29,809	5,545,517	1,881.73
December	131,052	240.61	25,651	5,446,645	1,957.31
<i>White, 2021</i>					
January	93,591	192.13	16,821	4,871,310	1,797.29
February	56,432	119.58	6,090	4,719,161	1,079.17
March	54,777	117.46	4,605	4,663,649	840.68

Index = COVID+; Outcome = Hospitalized with COVID

<i>American Indian or Alaska Native, 2020</i>					
April	112	26.87	30	41,676	2,678.57
May	90	21.58	24	41,712	2,666.67
June	139	33.31	20	41,723	1,438.85
July	266	59.17	33	44,952	1,240.60
August	166	36.60	29	45,359	1,746.99
September	176	39.44	25	44,624	1,420.45
October	308	68.33	49	45,075	1,590.91
November	675	152.47	97	44,272	1,437.04

Table 10. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Race, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
December	739	166.57	116	44,365	1,569.69
<i>American Indian or Alaska Native, 2021</i>					
January	533	129.38	89	41,196	1,669.79
February	183	45.79	24	39,967	1,311.48
March	152	38.20	15	39,786	986.84
<i>Asian, 2020</i>					
April	974	23.43	197	415,717	2,022.59
May	716	17.21	79	416,117	1,103.35
June	872	20.97	86	415,864	986.24
July	1,432	32.41	139	441,890	970.67
August	1,038	23.59	82	439,973	789.98
September	873	20.21	63	432,047	721.65
October	1,331	30.45	125	437,106	939.14
November	3,644	84.54	352	431,016	965.97
December	4,270	98.22	424	434,747	992.97
<i>Asian, 2021</i>					
January	3,156	77.11	332	409,286	1,051.96
February	1,404	35.06	134	400,475	954.42
March	1,232	30.72	94	401,083	762.99
<i>Black or African American, 2020</i>					
April	5,672	62.73	2,181	904,140	3,845.20
May	3,294	36.74	848	896,460	2,574.38
June	4,074	45.75	1,088	890,457	2,670.59
July	8,729	93.03	2,507	938,303	2,872.04
August	5,180	54.99	1,305	942,026	2,519.31
September	3,172	34.26	689	925,974	2,172.13
October	4,613	49.44	1,133	933,037	2,456.10
November	8,985	97.60	2,167	920,616	2,411.80
December	12,937	139.82	3,273	925,232	2,529.95
<i>Black or African American, 2021</i>					
January	11,931	141.99	3,010	840,298	2,522.84
February	5,165	63.27	1,345	816,324	2,604.07
March	3,740	46.19	825	809,741	2,205.88
<i>Native Hawaiian or Other Pacific Islander, 2020</i>					
April	174	23.60	58	73,716	3,333.33
May	136	18.50	36	73,512	2,647.06

Table 10. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Race, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
June	226	30.87	52	73,203	2,300.88
July	468	60.77	113	77,007	2,414.53
August	292	37.80	59	77,245	2,020.55
September	205	26.84	38	76,386	1,853.66
October	330	43.05	71	76,659	2,151.52
November	787	103.81	155	75,815	1,969.50
December	941	124.35	230	75,676	2,444.21
<i>Native Hawaiian or Other Pacific Islander, 2021</i>					
January	831	119.19	190	69,723	2,286.40
February	319	46.81	53	68,141	1,661.44
March	197	29.12	37	67,657	1,878.17
<i>Unknown, 2020</i>					
April	10,702	23.16	1,810	4,621,694	1,691.27
May	9,374	20.21	841	4,637,966	897.16
June	16,260	35.01	1,168	4,643,762	718.33
July	34,540	56.78	3,583	6,082,881	1,037.35
August	21,641	35.17	2,223	6,152,700	1,027.22
September	19,793	33.04	1,828	5,990,224	923.56
October	33,113	54.16	3,219	6,113,419	972.13
November	69,487	116.21	6,967	5,979,522	1,002.63
December	85,513	139.97	8,777	6,109,180	1,026.39
<i>Unknown, 2021</i>					
January	68,726	124.97	6,631	5,499,271	964.85
February	28,845	54.15	2,731	5,327,347	946.78
March	24,795	46.29	2,055	5,356,573	828.80
<i>White, 2020</i>					
April	11,651	19.76	3,235	5,896,210	2,776.59
May	11,019	18.75	1,747	5,877,554	1,585.44
June	14,252	24.33	2,115	5,857,101	1,484.00
July	26,495	42.86	4,733	6,182,431	1,786.37
August	19,077	30.82	3,328	6,189,305	1,744.51
September	18,858	30.86	2,981	6,110,161	1,580.76
October	33,927	55.43	5,654	6,120,928	1,666.52
November	72,062	119.39	11,593	6,035,670	1,608.75
December	82,865	137.67	14,254	6,019,141	1,720.15
<i>White, 2021</i>					

Table 10. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Race, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
January	63,544	116.45	10,857	5,456,849	1,708.58
February	25,668	48.17	4,177	5,329,089	1,627.32
March	21,520	40.61	2,713	5,299,672	1,260.69
Index = COVID+; Outcome = Hospitalized with Critical COVID					
<i>American Indian or Alaska Native, 2020</i>					
April	112	26.87	20	41,676	1,785.71
May	90	21.58	12	41,712	1,333.33
June	139	33.31	13	41,723	935.25
July	266	59.17	21	44,952	789.47
August	166	36.60	17	45,359	1,024.10
September	176	39.44	14	44,624	795.45
October	308	68.33	21	45,075	681.82
November	675	152.47	47	44,272	696.30
December	739	166.57	64	44,365	866.04
<i>American Indian or Alaska Native, 2021</i>					
January	533	129.38	41	41,196	769.23
February	183	45.79	9	39,967	491.80
March	152	38.20	9	39,786	592.11
<i>Asian, 2020</i>					
April	974	23.43	109	415,717	1,119.10
May	716	17.21	43	416,117	600.56
June	872	20.97	57	415,864	653.67
July	1,432	32.41	83	441,890	579.61
August	1,038	23.59	50	439,973	481.70
September	873	20.21	40	432,047	458.19
October	1,331	30.45	68	437,106	510.89
November	3,644	84.54	171	431,016	469.26
December	4,270	98.22	231	434,747	540.98
<i>Asian, 2021</i>					
January	3,156	77.11	190	409,286	602.03
February	1,404	35.06	70	400,475	498.58
March	1,232	30.72	51	401,083	413.96
<i>Black or African American, 2020</i>					
April	5,672	62.73	1,314	904,140	2,316.64
May	3,294	36.74	517	896,460	1,569.52
June	4,074	45.75	695	890,457	1,705.94

Table 10. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Race, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
July	8,729	93.03	1,476	938,303	1,690.92
August	5,180	54.99	772	942,026	1,490.35
September	3,172	34.26	399	925,974	1,257.88
October	4,613	49.44	668	933,037	1,448.08
November	8,985	97.60	1,231	920,616	1,370.06
December	12,937	139.82	1,859	925,232	1,436.96
<i>Black or African American, 2021</i>					
January	11,931	141.99	1,651	840,298	1,383.79
February	5,165	63.27	745	816,324	1,442.40
March	3,740	46.19	453	809,741	1,211.23
<i>Native Hawaiian or Other Pacific Islander, 2020</i>					
April	174	23.60	34	73,716	1,954.02
May	136	18.50	16	73,512	1,176.47
June	226	30.87	29	73,203	1,283.19
July	468	60.77	81	77,007	1,730.77
August	292	37.80	36	77,245	1,232.88
September	205	26.84	24	76,386	1,170.73
October	330	43.05	39	76,659	1,181.82
November	787	103.81	94	75,815	1,194.41
December	941	124.35	130	75,676	1,381.51
<i>Native Hawaiian or Other Pacific Islander, 2021</i>					
January	831	119.19	113	69,723	1,359.81
February	319	46.81	33	68,141	1,034.48
March	197	29.12	19	67,657	964.47
<i>Unknown, 2020</i>					
April	10,702	23.16	970	4,621,694	906.37
May	9,374	20.21	471	4,637,966	502.45
June	16,260	35.01	711	4,643,762	437.27
July	34,540	56.78	2,201	6,082,881	637.23
August	21,641	35.17	1,292	6,152,700	597.01
September	19,793	33.04	1,059	5,990,224	535.04
October	33,113	54.16	1,759	6,113,419	531.21
November	69,487	116.21	3,725	5,979,522	536.07
December	85,513	139.97	4,768	6,109,180	557.58
<i>Unknown, 2021</i>					
January	68,726	124.97	3,537	5,499,271	514.65

Table 10. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Race, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
February	28,845	54.15	1,526	5,327,347	529.03
March	24,795	46.29	1,087	5,356,573	438.39
<i>White, 2020</i>					
April	11,651	19.76	1,868	5,896,210	1,603.30
May	11,019	18.75	992	5,877,554	900.26
June	14,252	24.33	1,339	5,857,101	939.52
July	26,495	42.86	2,894	6,182,431	1,092.28
August	19,077	30.82	1,997	6,189,305	1,046.81
September	18,858	30.86	1,672	6,110,161	886.63
October	33,927	55.43	3,165	6,120,928	932.89
November	72,062	119.39	6,237	6,035,670	865.50
December	82,865	137.67	7,718	6,019,141	931.39
<i>White, 2021</i>					
January	63,544	116.45	5,783	5,456,849	910.08
February	25,668	48.17	2,295	5,329,089	894.11
March	21,520	40.61	1,444	5,299,672	671.00
Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID					
<i>American Indian or Alaska Native, 2020</i>					
April	28	6.72	18	41,676	6,428.57
May	23	5.50	12	41,794	5,217.39
June	16	3.82	12	41,869	7,500.00
July	34	7.52	20	45,216	5,882.35
August	28	6.11	16	45,847	5,714.29
September	20	4.42	10	45,240	5,000.00
October	46	10.04	23	45,837	5,000.00
November	90	19.87	45	45,286	5,000.00
December	111	24.17	61	45,931	5,495.50
<i>American Indian or Alaska Native, 2021</i>					
January	107	24.76	52	43,219	4,859.81
February	29	6.85	9	42,363	3,103.45
March	19	4.49	10	42,289	5,263.16
<i>Asian, 2020</i>					
April	182	4.38	102	415,717	5,604.40
May	78	1.87	45	416,899	5,769.23
June	79	1.89	52	417,266	6,582.28
July	129	2.91	80	444,052	6,201.55

Table 10. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Race, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
August	79	1.78	44	443,371	5,569.62
September	63	1.44	37	436,347	5,873.02
October	106	2.40	60	442,136	5,660.38
November	342	7.82	170	437,163	4,970.76
December	421	9.48	230	444,095	5,463.18
<i>Asian, 2021</i>					
January	364	8.64	203	421,202	5,576.92
February	155	3.74	83	414,973	5,354.84
March	109	2.62	57	416,583	5,229.36
<i>Black or African American, 2020</i>					
April	2,055	22.73	1,240	904,140	6,034.06
May	820	9.11	502	899,796	6,121.95
June	981	10.95	622	896,101	6,340.47
July	2,441	25.78	1,450	946,882	5,940.19
August	1,365	14.27	806	956,598	5,904.76
September	676	7.16	396	944,023	5,857.99
October	1,084	11.37	646	953,230	5,959.41
November	2,122	22.48	1,210	944,015	5,702.17
December	3,249	34.01	1,851	955,172	5,697.14
<i>Black or African American, 2021</i>					
January	3,143	35.87	1,726	876,273	5,491.57
February	1,518	17.65	832	860,295	5,480.90
March	917	10.71	499	856,562	5,441.66
<i>Native Hawaiian or Other Pacific Islander, 2020</i>					
April	46	6.24	31	73,716	6,739.13
May	39	5.30	16	73,634	4,102.56
June	45	6.13	24	73,417	5,333.33
July	112	14.47	78	77,395	6,964.29
August	66	8.46	41	77,972	6,212.12
September	37	4.79	23	77,318	6,216.22
October	61	7.85	36	77,743	5,901.64
November	149	19.31	90	77,154	6,040.27
December	224	28.86	125	77,628	5,580.36
<i>Native Hawaiian or Other Pacific Islander, 2021</i>					
January	211	29.25	129	72,136	6,113.74
February	62	8.72	35	71,121	5,645.16

Table 10. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Race, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
March	40	5.65	20	70,850	5,000.00
<i>Unknown, 2020</i>					
April	1,662	3.60	899	4,621,694	5,409.15
May	835	1.80	479	4,646,738	5,736.53
June	1,008	2.16	619	4,660,562	6,140.87
July	3,360	5.50	2,060	6,114,026	6,130.95
August	2,244	3.61	1,306	6,213,323	5,819.96
September	1,747	2.88	1,014	6,068,089	5,804.24
October	3,012	4.85	1,677	6,206,728	5,567.73
November	6,593	10.81	3,536	6,100,486	5,363.26
December	8,738	13.89	4,728	6,289,401	5,410.85
<i>Unknown, 2021</i>					
January	7,126	12.44	3,814	5,726,028	5,352.23
February	3,130	5.58	1,728	5,609,776	5,520.77
March	2,378	4.20	1,246	5,659,155	5,239.70
<i>White, 2020</i>					
April	2,903	4.92	1,683	5,896,210	5,797.45
May	1,666	2.83	957	5,885,796	5,744.30
June	1,758	2.99	1,131	5,874,080	6,433.45
July	4,487	7.22	2,765	6,211,295	6,162.25
August	3,368	5.40	2,034	6,239,218	6,039.19
September	2,762	4.47	1,559	6,174,495	5,644.46
October	5,168	8.34	2,898	6,199,968	5,607.59
November	11,110	18.09	5,988	6,141,954	5,389.74
December	14,362	23.22	7,787	6,184,179	5,421.95
<i>White, 2021</i>					
January	11,841	20.90	6,318	5,666,045	5,335.70
February	4,851	8.68	2,647	5,585,557	5,456.61
March	3,111	5.58	1,637	5,573,371	5,261.97

Index = Hospitalized with Critical COVID: Outcome = None

American Indian or Alaska Native, 2020

April	18	4.32	N/A	41,676	N/A
May	12	2.87	N/A	41,803	N/A
June	12	2.86	N/A	41,886	N/A
July	20	4.42	N/A	45,237	N/A
August	14	3.05	N/A	45,880	N/A

Table 10. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Race, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
September	12	2.65	N/A	45,284	N/A
October	21	4.58	N/A	45,889	N/A
November	44	9.70	N/A	45,361	N/A
December	62	13.46	N/A	46,046	N/A
<i>American Indian or Alaska Native, 2021</i>					
January	52	11.99	N/A	43,365	N/A
February	11	2.58	N/A	42,555	N/A
March	10	2.35	N/A	42,494	N/A
<i>Asian, 2020</i>					
April	101	2.43	N/A	415,717	N/A
May	46	1.10	N/A	416,970	N/A
June	52	1.25	N/A	417,366	N/A
July	79	1.78	N/A	444,177	N/A
August	45	1.01	N/A	443,538	N/A
September	36	0.82	N/A	436,547	N/A
October	61	1.38	N/A	442,356	N/A
November	168	3.84	N/A	437,425	N/A
December	229	5.15	N/A	444,523	N/A
<i>Asian, 2021</i>					
January	204	4.84	N/A	421,746	N/A
February	84	2.02	N/A	415,657	N/A
March	58	1.39	N/A	417,324	N/A
<i>Black or African American, 2020</i>					
April	1,220	13.49	N/A	904,140	N/A
May	505	5.61	N/A	900,543	N/A
June	608	6.78	N/A	897,112	N/A
July	1,437	15.15	N/A	948,224	N/A
August	824	8.59	N/A	958,873	N/A
September	400	4.22	N/A	946,756	N/A
October	644	6.74	N/A	956,186	N/A
November	1,187	12.53	N/A	947,351	N/A
December	1,848	19.26	N/A	959,365	N/A
<i>Black or African American, 2021</i>					
January	1,725	19.57	N/A	881,229	N/A
February	859	9.91	N/A	866,456	N/A
March	523	6.06	N/A	863,177	N/A

Table 10. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Race, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
<i>Native Hawaiian or Other Pacific Islander, 2020</i>					
April	31	4.21	N/A	73,716	N/A
May	16	2.17	N/A	73,647	N/A
June	23	3.13	N/A	73,449	N/A
July	78	10.07	N/A	77,448	N/A
August	40	5.12	N/A	78,057	N/A
September	25	3.23	N/A	77,428	N/A
October	35	4.50	N/A	77,861	N/A
November	89	11.51	N/A	77,293	N/A
December	126	16.19	N/A	77,824	N/A
<i>Native Hawaiian or Other Pacific Islander, 2021</i>					
January	128	17.68	N/A	72,393	N/A
February	35	4.90	N/A	71,449	N/A
March	22	3.09	N/A	71,195	N/A
<i>Unknown, 2020</i>					
April	886	1.92	N/A	4,621,694	N/A
May	485	1.04	N/A	4,647,460	N/A
June	613	1.32	N/A	4,661,579	N/A
July	2,035	3.33	N/A	6,115,393	N/A
August	1,304	2.10	N/A	6,215,907	N/A
September	1,025	1.69	N/A	6,071,474	N/A
October	1,650	2.66	N/A	6,210,694	N/A
November	3,482	5.70	N/A	6,105,685	N/A
December	4,696	7.46	N/A	6,297,498	N/A
<i>Unknown, 2021</i>					
January	3,857	6.72	N/A	5,736,595	N/A
February	1,767	3.14	N/A	5,623,103	N/A
March	1,306	2.30	N/A	5,673,426	N/A
<i>White, 2020</i>					
April	1,647	2.79	N/A	5,896,210	N/A
May	959	1.63	N/A	5,886,832	N/A
June	1,113	1.89	N/A	5,875,659	N/A
July	2,720	4.38	N/A	6,213,385	N/A
August	2,058	3.30	N/A	6,242,876	N/A
September	1,566	2.53	N/A	6,179,233	N/A
October	2,842	4.58	N/A	6,205,672	N/A

Table 10. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Race, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
November	5,909	9.61	N/A	6,149,717	N/A
December	7,775	12.55	N/A	6,196,676	N/A
<i>White, 2021</i>					
January	6,372	11.21	N/A	5,682,553	N/A
February	2,709	4.83	N/A	5,606,486	N/A
March	1,734	3.10	N/A	5,595,711	N/A
Index = COVID+; Outcome = Death					
<i>American Indian or Alaska Native, 2020</i>					
April	112	26.87	13	41,676	1,160.71
May	90	21.58	8	41,712	888.89
June	139	33.31	2	41,723	143.88
July	266	59.17	4	44,952	150.38
August	166	36.60	7	45,359	421.69
September	176	39.44	6	44,624	340.91
October	308	68.33	6	45,075	194.81
November	675	152.47	22	44,272	325.93
December	739	166.57	24	44,365	324.76
<i>American Indian or Alaska Native, 2021</i>					
January	533	129.38	17	41,196	318.95
February	183	45.79	6	39,967	327.87
March	152	38.20	0	39,786	0.00
<i>Asian, 2020</i>					
April	974	23.43	46	415,717	472.28
May	716	17.21	19	416,117	265.36
June	872	20.97	16	415,864	183.49
July	1,432	32.41	27	441,890	188.55
August	1,038	23.59	9	439,973	86.71
September	873	20.21	14	432,047	160.37
October	1,331	30.45	27	437,106	202.85
November	3,644	84.54	52	431,016	142.70
December	4,270	98.22	73	434,747	170.96
<i>Asian, 2021</i>					
January	3,156	77.11	55	409,286	174.27
February	1,404	35.06	24	400,475	170.94
March	1,232	30.72	6	401,083	48.70

Table 10. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Race, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
<i>Black or African American, 2020</i>					
April	5,672	62.73	735	904,140	1,295.84
May	3,294	36.74	196	896,460	595.02
June	4,074	45.75	190	890,457	466.37
July	8,729	93.03	495	938,303	567.08
August	5,180	54.99	245	942,026	472.97
September	3,172	34.26	121	925,974	381.46
October	4,613	49.44	180	933,037	390.20
November	8,985	97.60	357	920,616	397.33
December	12,937	139.82	569	925,232	439.82
<i>Black or African American, 2021</i>					
January	11,931	141.99	519	840,298	435.00
February	5,165	63.27	204	816,324	394.97
March	3,740	46.19	73	809,741	195.19
<i>Native Hawaiian or Other Pacific Islander, 2020</i>					
April	174	23.60	25	73,716	1,436.78
May	136	18.50	14	73,512	1,029.41
June	226	30.87	11	73,203	486.73
July	468	60.77	27	77,007	576.92
August	292	37.80	13	77,245	445.21
September	205	26.84	10	76,386	487.80
October	330	43.05	10	76,659	303.03
November	787	103.81	30	75,815	381.19
December	941	124.35	53	75,676	563.23
<i>Native Hawaiian or Other Pacific Islander, 2021</i>					
January	831	119.19	41	69,723	493.38
February	319	46.81	10	68,141	313.48
March	197	29.12	1	67,657	50.76
<i>Unknown, 2020</i>					
April	10,702	23.16	333	4,621,694	311.16
May	9,374	20.21	130	4,637,966	138.68
June	16,260	35.01	147	4,643,762	90.41
July	34,540	56.78	605	6,082,881	175.16
August	21,641	35.17	348	6,152,700	160.81
September	19,793	33.04	304	5,990,224	153.59
October	33,113	54.16	466	6,113,419	140.73

Table 10. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Race, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
November	69,487	116.21	1,139	5,979,522	163.92
December	85,513	139.97	1,418	6,109,180	165.82
<i>Unknown, 2021</i>					
January	68,726	124.97	1,033	5,499,271	150.31
February	28,845	54.15	371	5,327,347	128.62
March	24,795	46.29	101	5,356,573	40.73
<i>White, 2020</i>					
April	11,651	19.76	1,215	5,896,210	1,042.83
May	11,019	18.75	650	5,877,554	589.89
June	14,252	24.33	556	5,857,101	390.12
July	26,495	42.86	1,052	6,182,431	397.06
August	19,077	30.82	779	6,189,305	408.35
September	18,858	30.86	589	6,110,161	312.33
October	33,927	55.43	1,009	6,120,928	297.40
November	72,062	119.39	2,160	6,035,670	299.74
December	82,865	137.67	2,771	6,019,141	334.40
<i>White, 2021</i>					
January	63,544	116.45	1,980	5,456,849	311.60
February	25,668	48.17	656	5,329,089	255.57
March	21,520	40.61	227	5,299,672	105.48
Index = Hospitalized with COVID: Outcome = Death					
<i>American Indian or Alaska Native, 2020</i>					
April	28	6.72	9	41,676	3,214.29
May	23	5.50	7	41,794	3,043.48
June	16	3.82	2	41,869	1,250.00
July	34	7.52	2	45,216	588.24
August	28	6.11	5	45,847	1,785.71
September	20	4.42	4	45,240	2,000.00
October	46	10.04	4	45,837	869.57
November	90	19.87	19	45,286	2,111.11
December	111	24.17	23	45,931	2,072.07
<i>American Indian or Alaska Native, 2021</i>					
January	107	24.76	16	43,219	1,495.33
February	29	6.85	5	42,363	1,724.14
March	19	4.49	0	42,289	0.00

Asian, 2020

Table 10. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Race, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
April	182	4.38	39	415,717	2,142.86
May	78	1.87	11	416,899	1,410.26
June	79	1.89	13	417,266	1,645.57
July	129	2.91	23	444,052	1,782.95
August	79	1.78	8	443,371	1,012.66
September	63	1.44	8	436,347	1,269.84
October	106	2.40	19	442,136	1,792.45
November	342	7.82	45	437,163	1,315.79
December	421	9.48	73	444,095	1,733.97
<i>Asian, 2021</i>					
January	364	8.64	54	421,202	1,483.52
February	155	3.74	23	414,973	1,483.87
March	109	2.62	6	416,583	550.46
<i>Black or African American, 2020</i>					
April	2,055	22.73	517	904,140	2,515.82
May	820	9.11	146	899,796	1,780.49
June	981	10.95	147	896,101	1,498.47
July	2,441	25.78	429	946,882	1,757.48
August	1,365	14.27	221	956,598	1,619.05
September	676	7.16	91	944,023	1,346.15
October	1,084	11.37	156	953,230	1,439.11
November	2,122	22.48	320	944,015	1,508.01
December	3,249	34.01	520	955,172	1,600.49
<i>Black or African American, 2021</i>					
January	3,143	35.87	499	876,273	1,587.66
February	1,518	17.65	204	860,295	1,343.87
March	917	10.71	74	856,562	806.98
<i>Native Hawaiian or Other Pacific Islander, 2020</i>					
April	46	6.24	18	73,716	3,913.04
May	39	5.30	13	73,634	3,333.33
June	45	6.13	6	73,417	1,333.33
July	112	14.47	26	77,395	2,321.43
August	66	8.46	10	77,972	1,515.15
September	37	4.79	8	77,318	2,162.16
October	61	7.85	11	77,743	1,803.28
November	149	19.31	27	77,154	1,812.08

Table 10. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Race, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
December	224	28.86	46	77,628	2,053.57
<i>Native Hawaiian or Other Pacific Islander, 2021</i>					
January	211	29.25	40	72,136	1,895.73
February	62	8.72	9	71,121	1,451.61
March	40	5.65	0	70,850	0.00
<i>Unknown, 2020</i>					
April	1,662	3.60	257	4,621,694	1,546.33
May	835	1.80	108	4,646,738	1,293.41
June	1,008	2.16	109	4,660,562	1,081.35
July	3,360	5.50	482	6,114,026	1,434.52
August	2,244	3.61	284	6,213,323	1,265.60
September	1,747	2.88	253	6,068,089	1,448.20
October	3,012	4.85	415	6,206,728	1,377.82
November	6,593	10.81	1,003	6,100,486	1,521.31
December	8,738	13.89	1,301	6,289,401	1,488.90
<i>Unknown, 2021</i>					
January	7,126	12.44	1,023	5,726,028	1,435.59
February	3,130	5.58	402	5,609,776	1,284.35
March	2,378	4.20	105	5,659,155	441.55
<i>White, 2020</i>					
April	2,903	4.92	796	5,896,210	2,741.99
May	1,666	2.83	411	5,885,796	2,466.99
June	1,758	2.99	328	5,874,080	1,865.76
July	4,487	7.22	831	6,211,295	1,852.02
August	3,368	5.40	621	6,239,218	1,843.82
September	2,762	4.47	454	6,174,495	1,643.74
October	5,168	8.34	758	6,199,968	1,466.72
November	11,110	18.09	1,826	6,141,954	1,643.56
December	14,362	23.22	2,471	6,184,179	1,720.51

Table 10. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Race, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members²	Number of Patients with Subsequent Outcome Event	Eligible Members²	Patients with Subsequent Outcome per 10,000 Patients
<i>White, 2021</i>					
January	11,841	20.90	1,955	5,666,045	1,651.04
February	4,851	8.68	689	5,585,557	1,420.33
March	3,111	5.58	216	5,573,371	694.31

¹Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

²Eligible Members are reflective of the number of patients that met all cohort entry criteria on at least one day during the query period.

³Data presented by a dash, asterisk, or period represent missing information. Data represented by NaN (Not a Number) is due to their inability to be calculated. This table may not use all data representations.

Table 11. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Hispanic Origin, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
Index = Evidence of PCR Test for SARS COV2: Outcome = None					
<i>Hispanic, 2020</i>					
April	4,062	81.30	N/A ³	499,613	N/A
May	6,973	140.38	N/A	496,739	N/A
June	12,585	256.46	N/A	490,720	N/A
July	17,372	333.92	N/A	520,252	N/A
August	11,241	220.42	N/A	509,989	N/A
September	9,230	188.19	N/A	490,453	N/A
October	14,408	294.24	N/A	489,671	N/A
November	20,266	431.95	N/A	469,174	N/A
December	16,328	353.91	N/A	461,356	N/A
<i>Hispanic, 2021</i>					
January	10,822	256.56	N/A	421,814	N/A
February	6,310	156.42	N/A	403,391	N/A
March	6,073	151.49	N/A	400,887	N/A
<i>Not Hispanic, 2020</i>					
April	32,657	71.09	N/A	4,593,513	N/A
May	62,183	136.79	N/A	4,545,776	N/A
June	82,230	184.04	N/A	4,468,089	N/A
July	107,013	234.62	N/A	4,561,101	N/A
August	81,453	181.98	N/A	4,475,871	N/A
September	71,615	164.22	N/A	4,360,993	N/A
October	97,437	226.20	N/A	4,307,517	N/A
November	123,397	294.97	N/A	4,183,416	N/A
December	102,847	251.79	N/A	4,084,560	N/A
<i>Not Hispanic, 2021</i>					
January	75,083	206.20	N/A	3,641,346	N/A
February	48,070	136.59	N/A	3,519,359	N/A
March	47,111	136.19	N/A	3,459,293	N/A
<i>Unknown, 2020</i>					
April	25,876	37.72	N/A	6,860,027	N/A
May	47,602	69.32	N/A	6,866,628	N/A
June	103,555	151.44	N/A	6,838,161	N/A
July	151,602	180.41	N/A	8,403,420	N/A
August	108,873	129.86	N/A	8,384,060	N/A
September	93,869	115.78	N/A	8,107,193	N/A

Table 11. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Hispanic Origin, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
October	124,382	151.90	N/A	8,188,468	N/A
November	169,514	213.42	N/A	7,942,883	N/A
December	153,084	190.79	N/A	8,023,820	N/A
<i>Unknown, 2021</i>					
January	108,721	150.79	N/A	7,209,899	N/A
February	59,907	85.80	N/A	6,981,980	N/A
March	56,950	81.40	N/A	6,995,933	N/A
Index = Evidence of PCR Test for SARS COV2: Outcome = COVID+					
<i>Hispanic, 2020</i>					
April	4,062	81.30	1,342	499,613	3,303.79
May	6,973	140.38	1,709	496,739	2,450.88
June	12,585	256.46	3,074	490,720	2,442.59
July	17,372	333.92	4,372	520,252	2,516.69
August	11,241	220.42	2,196	509,989	1,953.56
September	9,230	188.19	1,711	490,453	1,853.74
October	14,408	294.24	3,163	489,671	2,195.31
November	20,266	431.95	5,584	469,174	2,755.35
December	16,328	353.91	4,399	461,356	2,694.15
<i>Hispanic, 2021</i>					
January	10,822	256.56	2,535	421,814	2,342.45
February	6,310	156.42	909	403,391	1,440.57
March	6,073	151.49	657	400,887	1,081.84
<i>Not Hispanic, 2020</i>					
April	32,657	71.09	6,391	4,593,513	1,957.01
May	62,183	136.79	7,995	4,545,776	1,285.72
June	82,230	184.04	10,383	4,468,089	1,262.68
July	107,013	234.62	15,694	4,561,101	1,466.55
August	81,453	181.98	10,451	4,475,871	1,283.07
September	71,615	164.22	8,723	4,360,993	1,218.04
October	97,437	226.20	13,532	4,307,517	1,388.79
November	123,397	294.97	23,514	4,183,416	1,905.56
December	102,847	251.79	19,885	4,084,560	1,933.45
<i>Not Hispanic, 2021</i>					
January	75,083	206.20	13,277	3,641,346	1,768.31
February	48,070	136.59	4,856	3,519,359	1,010.19
March	47,111	136.19	3,497	3,459,293	742.29

Table 11. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Hispanic Origin, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
<i>Unknown, 2020</i>					
April	25,876	37.72	7,215	6,860,027	2,788.30
May	47,602	69.32	8,179	6,866,628	1,718.21
June	103,555	151.44	17,829	6,838,161	1,721.69
July	151,602	180.41	26,548	8,403,420	1,751.16
August	108,873	129.86	15,952	8,384,060	1,465.19
September	93,869	115.78	13,676	8,107,193	1,456.92
October	124,382	151.90	20,081	8,188,468	1,614.46
November	169,514	213.42	34,046	7,942,883	2,008.45
December	153,084	190.79	33,097	8,023,820	2,162.02
<i>Unknown, 2021</i>					
January	108,721	150.79	22,478	7,209,899	2,067.49
February	59,907	85.80	8,257	6,981,980	1,378.30
March	56,950	81.40	6,240	6,995,933	1,095.70
Index = COVID+; Outcome = Hospitalized with COVID, Overall Race					
<i>Hispanic, 2020</i>					
April	2,163	43.29	419	499,613	1,937.12
May	1,788	35.85	209	498,676	1,168.90
June	3,316	66.62	364	497,779	1,097.71
July	5,935	110.66	646	536,329	1,088.46
August	3,026	56.36	303	536,905	1,001.32
September	2,321	44.21	208	524,979	896.17
October	4,714	88.89	430	530,307	912.18
November	10,052	193.77	821	518,772	816.75
December	11,106	213.34	973	520,576	876.10
<i>Hispanic, 2021</i>					
January	8,718	180.48	715	483,045	820.14
February	3,350	71.93	298	465,760	889.55
March	2,753	59.14	190	465,513	690.16
<i>Not Hispanic, 2020</i>					
April	10,164	22.13	3,382	4,593,513	3,327.43
May	8,161	17.86	1,789	4,568,594	2,192.13
June	10,741	23.64	2,516	4,544,232	2,342.43
July	22,347	47.48	5,910	4,706,875	2,644.65
August	15,462	32.87	3,765	4,704,278	2,435.00
September	13,415	28.83	3,018	4,653,013	2,249.72

Table 11. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Hispanic Origin, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
October	24,364	52.35	5,419	4,654,450	2,224.18
November	52,675	114.51	10,812	4,600,130	2,052.59
December	59,294	129.76	13,439	4,569,339	2,266.50
<i>Not Hispanic, 2021</i>					
January	45,101	108.77	10,591	4,146,536	2,348.28
February	17,897	44.19	4,108	4,049,647	2,295.36
March	13,023	32.43	2,461	4,015,930	1,889.73
<i>Unknown, 2020</i>					
April	16,958	24.72	3,710	6,860,027	2,187.76
May	14,680	21.35	1,577	6,876,051	1,074.25
June	21,766	31.64	1,649	6,880,099	757.60
July	43,648	51.20	4,552	8,524,260	1,042.89
August	28,906	33.59	2,958	8,605,425	1,023.32
September	27,341	32.54	2,398	8,401,424	877.07
October	44,544	52.15	4,402	8,541,467	988.24
November	92,913	111.03	9,698	8,368,009	1,043.77
December	116,865	137.19	12,662	8,518,426	1,083.47
<i>Unknown, 2021</i>					
January	94,902	123.46	9,803	7,687,042	1,032.96
February	40,337	54.03	4,058	7,465,936	1,006.02
March	35,860	47.86	3,088	7,493,069	861.13
Index = COVID+: Outcome = Hospitalized with COVID, Unknown Race					
<i>Hispanic, 2020</i>					
April	1,834	47.74	369	384,156	2,012.00
May	1,467	38.32	194	382,874	1,322.43
June	2,755	72.15	329	381,862	1,194.19
July	4,925	120.14	591	409,947	1,200.00
August	2,440	59.54	269	409,809	1,102.46
September	1,852	46.23	186	400,599	1,004.32
October	3,908	96.68	377	404,202	964.69
November	8,202	207.63	723	395,021	881.49
December	9,092	229.78	867	395,684	953.59
<i>Hispanic, 2021</i>					
January	7,062	192.82	630	366,248	892.10

Table 11. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Hispanic Origin, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
February	2,698	76.52	268	352,610	993.33
March	2,157	61.26	165	352,110	764.95
<i>Not Hispanic, 2020</i>					
April	62	18.59	13	33,352	2,096.77
May	58	17.41	5	33,316	862.07
June	36	10.81	1	33,291	277.78
July	98	28.24	2	34,705	204.08
August	80	22.90	5	34,934	625.00
September	69	20.01	3	34,489	434.78
October	178	51.12	11	34,821	617.98
November	468	136.37	28	34,318	598.29
December	305	88.93	13	34,295	426.23
<i>Not Hispanic, 2021</i>					
January	166	49.94	10	33,238	602.41
February	105	32.61	4	32,198	380.95
March	112	34.81	7	32,171	625.00
<i>Unknown, 2020</i>					
April	8,806	20.95	1,428	4,204,186	1,621.62
May	7,849	18.59	642	4,221,776	817.94
June	13,469	31.85	838	4,228,609	622.17
July	29,517	52.35	2,990	5,638,229	1,012.98
August	19,121	33.50	1,949	5,707,957	1,019.30
September	17,872	32.17	1,639	5,555,136	917.08
October	29,027	51.15	2,831	5,674,396	975.30
November	60,817	109.58	6,216	5,550,183	1,022.08
December	76,116	134.03	7,897	5,679,201	1,037.50
<i>Unknown, 2021</i>					
January	61,498	120.59	5,991	5,099,785	974.18
February	26,042	52.69	2,459	4,942,539	944.24
March	22,526	45.30	1,883	4,972,292	835.92

Index = COVID+; Outcome = Hospitalized with COVID, Known Race

Hispanic, 2020

April	329	28.50	50	115,457	1,519.76
May	321	27.72	15	115,802	467.29
June	561	48.40	35	115,917	623.89
July	1,010	79.92	55	126,382	544.55

Table 11. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Hispanic Origin, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
August	586	46.11	34	127,096	580.20
September	469	37.71	22	124,380	469.08
October	806	63.91	53	126,105	657.57
November	1,850	149.49	98	123,751	529.73
December	2,014	161.26	106	124,892	526.32
<i>Hispanic, 2021</i>					
January	1,656	141.78	85	116,797	513.29
February	652	57.62	30	113,150	460.12
March	596	52.56	25	113,403	419.46
<i>Not Hispanic, 2020</i>					
April	10,102	22.15	3,369	4,560,161	3,334.98
May	8,103	17.87	1,784	4,535,278	2,201.65
June	10,705	23.73	2,515	4,510,941	2,349.37
July	22,249	47.62	5,908	4,672,170	2,655.40
August	15,382	32.94	3,760	4,669,344	2,444.42
September	13,346	28.90	3,015	4,618,524	2,259.10
October	24,186	52.35	5,408	4,619,629	2,236.00
November	52,207	114.34	10,784	4,565,812	2,065.62
December	58,989	130.07	13,426	4,535,044	2,276.02
<i>Not Hispanic, 2021</i>					
January	44,935	109.24	10,581	4,113,298	2,354.73
February	17,792	44.29	4,104	4,017,449	2,306.65
March	12,911	32.41	2,454	3,983,759	1,900.70
<i>Unknown, 2020</i>					
April	8,152	30.69	2,282	2,655,841	2,799.31
May	6,831	25.74	935	2,654,275	1,368.76
June	8,297	31.29	811	2,651,490	977.46
July	14,131	48.96	1,562	2,886,031	1,105.37
August	9,785	33.77	1,009	2,897,468	1,031.17
September	9,469	33.27	759	2,846,288	801.56
October	15,517	54.12	1,571	2,867,071	1,012.44
November	32,096	113.90	3,482	2,817,826	1,084.87
December	40,749	143.52	4,765	2,839,225	1,169.35
<i>Unknown, 2021</i>					
January	33,404	129.11	3,812	2,587,257	1,141.18
February	14,295	56.65	1,599	2,523,397	1,118.57

Table 11. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Hispanic Origin, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
March	13,334	52.90	1,205	2,520,777	903.70
Index = COVID+; Outcome = Hospitalized with COVID, American Indian or Alaska Native					
<i>Hispanic, 2020</i>					
April	31	38.98	5	7,953	1,612.90
May	17	21.35	2	7,962	1,176.47
June	51	63.73	3	8,002	588.24
July	93	105.41	7	8,823	752.69
August	39	43.91	5	8,881	1,282.05
September	33	38.00	1	8,685	303.03
October	81	92.14	6	8,791	740.74
November	138	160.54	9	8,596	652.17
December	175	202.48	16	8,643	914.29
<i>Hispanic, 2021</i>					
January	122	152.06	15	8,023	1,229.51
February	37	47.63	0	7,769	0.00
March	40	51.37	0	7,787	0.00
<i>Not Hispanic, 2020</i>					
April	59	24.75	19	23,834	3,220.34
May	56	23.58	18	23,750	3,214.29
June	51	21.52	15	23,697	2,941.18
July	101	40.71	17	24,810	1,683.17
August	84	33.67	17	24,951	2,023.81
September	94	38.16	21	24,630	2,234.04
October	151	60.95	33	24,776	2,185.43
November	379	155.38	70	24,392	1,846.97
December	375	154.36	79	24,294	2,106.67
<i>Not Hispanic, 2021</i>					
January	261	114.92	63	22,711	2,413.79
February	99	44.78	20	22,109	2,020.20
March	67	30.50	7	21,968	1,044.78
<i>Unknown, 2020</i>					
April	22	22.25	6	9,889	2,727.27
May	17	17.00	4	10,000	2,352.94
June	37	36.91	2	10,024	540.54

Table 11. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Hispanic Origin, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
July	72	63.61	9	11,319	1,250.00
August	43	37.30	7	11,527	1,627.91
September	49	43.33	3	11,309	612.24
October	76	66.04	10	11,508	1,315.79
November	158	140.02	18	11,284	1,139.24
December	189	165.38	21	11,428	1,111.11
<i>Unknown, 2021</i>					
January	150	143.38	11	10,462	733.33
February	47	46.59	4	10,089	851.06
March	45	44.86	8	10,031	1,777.78

Index = COVID+; Outcome = Hospitalized with COVID, Asian

Hispanic, 2020

April	62	49.17	6	12,610	967.74
May	45	35.56	3	12,656	666.67
June	103	81.52	9	12,635	873.79
July	196	139.28	8	14,072	408.16
August	104	73.80	3	14,092	288.46
September	70	51.08	2	13,705	285.71
October	104	74.49	8	13,961	769.23
November	244	178.81	12	13,646	491.80
December	323	234.13	13	13,796	402.48

Hispanic, 2021

January	261	206.49	14	12,640	536.40
February	83	68.44	5	12,127	602.41
March	74	60.48	7	12,236	945.95

Not Hispanic, 2020

April	296	17.89	79	165,435	2,668.92
May	265	16.06	48	164,986	1,811.32
June	283	17.21	35	164,479	1,236.75
July	438	25.61	73	170,994	1,666.67
August	371	21.58	51	171,912	1,374.66
September	303	17.80	37	170,228	1,221.12
October	534	31.13	82	171,516	1,535.58
November	1,686	99.34	218	169,714	1,293.00
December	1,603	94.63	224	169,390	1,397.38

Not Hispanic, 2021

Table 11. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Hispanic Origin, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
January	1,034	64.15	172	161,186	1,663.44
February	405	25.67	61	157,771	1,506.17
March	367	23.37	41	157,055	1,117.17
<i>Unknown, 2020</i>					
April	616	25.92	112	237,672	1,818.18
May	406	17.02	28	238,475	689.66
June	486	20.36	42	238,750	864.20
July	798	31.07	58	256,824	726.82
August	563	22.17	28	253,969	497.34
September	500	20.15	24	248,114	480.00
October	693	27.54	35	251,629	505.05
November	1,714	69.21	122	247,656	711.79
December	2,344	93.18	187	251,561	797.78
<i>Unknown, 2021</i>					
January	1,861	79.04	146	235,460	784.52
February	916	39.73	68	230,577	742.36
March	791	34.13	46	231,792	581.54
Index = COVID+; Outcome = Hospitalized with COVID, Black or African American					
<i>Hispanic, 2020</i>					
April	59	53.16	14	11,099	2,372.88
May	36	32.44	3	11,098	833.33
June	79	71.00	5	11,127	632.91
July	102	83.98	3	12,146	294.12
August	57	46.42	4	12,279	701.75
September	46	38.36	1	11,992	217.39
October	81	66.63	3	12,156	370.37
November	183	153.76	8	11,902	437.16
December	187	154.29	11	12,120	588.24
<i>Hispanic, 2021</i>					
January	168	148.57	9	11,308	535.71
February	65	59.30	6	10,961	923.08
March	64	58.23	0	10,990	0.00
<i>Not Hispanic, 2020</i>					
April	3,455	58.69	1,349	588,710	3,904.49
May	1,982	33.99	567	583,067	2,860.75
June	2,545	44.01	848	578,216	3,332.02

Table 11. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Hispanic Origin, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
July	5,881	97.51	2,046	603,098	3,479.00
August	3,435	56.75	1,069	605,272	3,112.08
September	2,028	34.00	544	596,508	2,682.45
October	2,905	48.33	868	601,046	2,987.95
November	5,646	94.98	1,638	594,456	2,901.17
December	8,144	136.51	2,455	596,580	3,014.49
<i>Not Hispanic, 2021</i>					
January	7,711	141.82	2,333	543,734	3,025.55
February	3,219	60.94	979	528,259	3,041.32
March	2,021	38.66	568	522,787	2,810.49
<i>Unknown, 2020</i>					
April	2,158	70.91	818	304,331	3,790.55
May	1,276	42.21	278	302,295	2,178.68
June	1,450	48.15	235	301,114	1,620.69
July	2,746	85.00	458	323,059	1,667.88
August	1,688	52.02	232	324,475	1,374.41
September	1,098	34.59	144	317,474	1,311.48
October	1,627	50.87	262	319,835	1,610.33
November	3,156	100.43	521	314,258	1,650.82
December	4,606	145.51	807	316,532	1,752.06
<i>Unknown, 2021</i>					
January	4,052	142.05	668	285,256	1,648.57
February	1,881	67.88	360	277,104	1,913.88
March	1,655	59.97	257	275,964	1,552.87

Index = COVID+; Outcome = Hospitalized with COVID, Native Hawaiian or Other Pacific Islander

Hispanic, 2020

April	8	37.30	1	2,145	1,250.00
May	12	55.56	1	2,160	833.33
June	10	46.21	1	2,164	1,000.00
July	25	105.89	1	2,361	400.00
August	16	67.40	1	2,374	625.00
September	10	42.92	0	2,330	0.00
October	11	46.63	0	2,359	0.00

Table 11. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Hispanic Origin, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
November	34	146.87	3	2,315	882.35
December	35	150.67	3	2,323	857.14
<i>Hispanic, 2021</i>					
January	28	126.93	2	2,206	714.29
February	20	93.02	0	2,150	0.00
March	14	65.57	0	2,135	0.00
<i>Not Hispanic, 2020</i>					
April	150	23.85	50	62,890	3,333.33
May	98	15.63	30	62,691	3,061.22
June	187	29.94	50	62,457	2,673.80
July	388	59.12	109	65,629	2,809.28
August	235	35.68	56	65,864	2,382.98
September	164	25.15	36	65,221	2,195.12
October	268	40.95	62	65,438	2,313.43
November	653	100.78	140	64,794	2,143.95
December	811	125.52	219	64,612	2,700.37
<i>Not Hispanic, 2021</i>					
January	701	118.00	178	59,406	2,539.23
February	264	45.46	52	58,077	1,969.70
March	159	27.59	35	57,635	2,201.26
<i>Unknown, 2020</i>					
April	16	18.43	7	8,681	4,375.00
May	26	30.02	5	8,661	1,923.08
June	29	33.79	1	8,582	344.83
July	55	61.00	3	9,017	545.45
August	41	45.52	2	9,007	487.80
September	31	35.09	2	8,835	645.16
October	51	57.55	9	8,862	1,764.71
November	100	114.86	12	8,706	1,200.00
December	95	108.68	8	8,741	842.11
<i>Unknown, 2021</i>					
January	102	125.76	10	8,111	980.39
February	35	44.23	1	7,914	285.71
March	24	30.43	2	7,887	833.33

Index = COVID+; Outcome = Hospitalized with COVID, White

Hispanic, 2020

Table 11. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Hispanic Origin, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
April	169	20.70	24	81,650	1,420.12
May	211	25.75	6	81,926	284.36
June	318	38.79	17	81,989	534.59
July	594	66.76	36	88,980	606.06
August	370	41.35	21	89,470	567.57
September	310	35.36	18	87,668	580.65
October	529	59.55	36	88,838	680.53
November	1,251	143.31	66	87,292	527.58
December	1,294	147.03	63	88,010	486.86
<i>Hispanic, 2021</i>					
January	1,077	130.36	45	82,620	417.83
February	447	55.78	19	80,143	425.06
March	404	50.34	18	80,255	445.54
<i>Not Hispanic, 2020</i>					
April	6,142	16.51	1,872	3,719,292	3,047.87
May	5,702	15.41	1,121	3,700,784	1,965.98
June	7,639	20.75	1,567	3,682,092	2,051.32
July	15,441	40.55	3,663	3,807,639	2,372.26
August	11,257	29.61	2,567	3,801,345	2,280.36
September	10,757	28.59	2,377	3,761,937	2,209.72
October	20,328	54.11	4,363	3,756,853	2,146.30
November	43,843	118.10	8,718	3,712,456	1,988.46
December	48,056	130.58	10,449	3,680,168	2,174.34
<i>Not Hispanic, 2021</i>					
January	35,228	105.91	7,835	3,326,261	2,224.08
February	13,805	42.46	2,992	3,251,233	2,167.33
March	10,297	31.94	1,803	3,224,314	1,751.00
<i>Unknown, 2020</i>					
April	5,340	25.49	1,339	2,095,268	2,507.49
May	5,106	24.37	620	2,094,844	1,214.26
June	6,295	30.08	531	2,093,020	843.53
July	10,460	45.76	1,034	2,285,812	988.53
August	7,450	32.41	740	2,298,490	993.29
September	7,791	34.46	586	2,260,556	752.15
October	13,070	57.44	1,255	2,275,237	960.21
November	26,968	120.61	2,809	2,235,922	1,041.60

Table 11. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Hispanic Origin, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
December	33,515	148.89	3,742	2,250,963	1,116.51
<i>Unknown, 2021</i>					
January	27,239	133.01	2,977	2,047,968	1,092.92
February	11,416	57.15	1,166	1,997,713	1,021.37
March	10,819	54.23	892	1,995,103	824.48
Index = COVID+; Outcome = Hospitalized with Critical COVID					
<i>Hispanic, 2020</i>					
April	2,163	43.29	223	499,613	1,030.98
May	1,788	35.85	135	498,676	755.03
June	3,316	66.62	236	497,779	711.70
July	5,935	110.66	412	536,329	694.19
August	3,026	56.36	187	536,905	617.98
September	2,321	44.21	125	524,979	538.56
October	4,714	88.89	239	530,307	507.00
November	10,052	193.77	476	518,772	473.54
December	11,106	213.34	569	520,576	512.34
<i>Hispanic, 2021</i>					
January	8,718	180.48	413	483,045	473.73
February	3,350	71.93	170	465,760	507.46
March	2,753	59.14	90	465,513	326.92
<i>Not Hispanic, 2020</i>					
April	10,164	22.13	2,016	4,593,513	1,983.47
May	8,161	17.86	1,027	4,568,594	1,258.42
June	10,741	23.64	1,589	4,544,232	1,479.38
July	22,347	47.48	3,563	4,706,875	1,594.40
August	15,462	32.87	2,265	4,704,278	1,464.88
September	13,415	28.83	1,687	4,653,013	1,257.55
October	24,364	52.35	3,011	4,654,450	1,235.84
November	52,675	114.51	5,788	4,600,130	1,098.81
December	59,294	129.76	7,290	4,569,339	1,229.47
<i>Not Hispanic, 2021</i>					
January	45,101	108.77	5,697	4,146,536	1,263.16
February	17,897	44.19	2,286	4,049,647	1,277.31
March	13,023	32.43	1,348	4,015,930	1,035.09
<i>Unknown, 2020</i>					
April	16,958	24.72	2,076	6,860,027	1,224.20

Table 11. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Hispanic Origin, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
May	14,680	21.35	889	6,876,051	605.59
June	21,766	31.64	1,019	6,880,099	468.16
July	43,648	51.20	2,781	8,524,260	637.14
August	28,906	33.59	1,712	8,605,425	592.26
September	27,341	32.54	1,396	8,401,424	510.59
October	44,544	52.15	2,470	8,541,467	554.51
November	92,913	111.03	5,241	8,368,009	564.08
December	116,865	137.19	6,911	8,518,426	591.37
<i>Unknown, 2021</i>					
January	94,902	123.46	5,205	7,687,042	548.46
February	40,337	54.03	2,222	7,465,936	550.86
March	35,860	47.86	1,625	7,493,069	453.15
Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, Overall Race					
<i>Hispanic, 2020</i>					
April	386	7.73	205	499,613	5,310.88
May	215	4.30	136	500,400	6,325.58
June	301	6.01	199	501,008	6,611.30
July	645	11.89	412	542,452	6,387.60
August	330	6.02	200	548,097	6,060.61
September	194	3.60	117	538,575	6,030.93
October	379	6.94	219	545,718	5,778.36
November	775	14.40	454	538,231	5,858.06
December	974	17.74	578	548,957	5,934.29
<i>Hispanic, 2021</i>					
January	784	15.12	440	518,589	5,612.24
February	352	6.92	199	508,531	5,653.41
March	241	4.72	116	510,700	4,813.28
<i>Not Hispanic, 2020</i>					
April	3,071	6.69	1,846	4,593,513	6,011.07
May	1,710	3.74	983	4,575,104	5,748.54
June	2,149	4.72	1,382	4,556,688	6,430.90
July	5,660	11.97	3,431	4,727,483	6,061.84
August	3,857	8.14	2,316	4,740,814	6,004.67
September	2,799	5.96	1,578	4,700,216	5,637.73
October	5,012	10.64	2,794	4,711,377	5,574.62
November	10,426	22.30	5,585	4,675,395	5,356.80

Table 11. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Hispanic Origin, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
December	13,579	28.98	7,391	4,685,414	5,442.96
<i>Not Hispanic, 2021</i>					
January	11,436	26.65	6,143	4,291,385	5,371.63
February	4,735	11.21	2,608	4,224,882	5,507.92
March	2,776	6.61	1,510	4,201,863	5,439.48
<i>Unknown, 2020</i>					
April	3,419	4.98	1,922	6,860,027	5,621.53
May	1,536	2.23	892	6,889,153	5,807.29
June	1,437	2.08	879	6,905,599	6,116.91
July	4,258	4.97	2,610	8,568,931	6,129.64
August	2,963	3.41	1,731	8,687,418	5,842.05
September	2,312	2.72	1,344	8,506,721	5,813.15
October	4,086	4.71	2,327	8,668,547	5,695.06
November	9,205	10.79	5,000	8,532,432	5,431.83
December	12,552	14.33	6,813	8,762,035	5,427.82
<i>Unknown, 2021</i>					
January	10,572	13.22	5,659	7,994,929	5,352.82
February	4,658	5.93	2,527	7,850,672	5,425.08
March	3,557	4.50	1,843	7,906,247	5,181.33
Index = Hospitalized with COVID; Outcome = Hospitalized with Critical COVID, Unknown Race					
<i>Hispanic, 2020</i>					
April	343	8.93	177	384,156	5,160.35
May	197	5.13	125	384,321	6,345.18
June	272	7.07	185	384,520	6,801.47
July	588	14.17	378	414,990	6,428.57
August	295	7.04	184	418,999	6,237.29
September	175	4.25	108	411,677	6,171.43
October	336	8.06	201	416,695	5,982.14
November	676	16.45	409	410,855	6,050.30
December	874	20.87	518	418,758	5,926.77
<i>Hispanic, 2021</i>					
January	690	17.46	393	395,196	5,695.65
February	315	8.13	181	387,345	5,746.03
March	207	5.32	104	388,763	5,024.15
<i>Not Hispanic, 2020</i>					
April	13	3.90	8	33,352	6,153.85

Table 11. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Hispanic Origin, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
May	4	1.20	2	33,363	5,000.00
June	1	0.30	1	33,390	10,000.00
July	2	0.57	1	34,837	5,000.00
August	5	1.42	2	35,156	4,000.00
September	3	0.86	0	34,783	0.00
October	7	1.99	3	35,176	4,285.71
November	26	7.46	9	34,839	3,461.54
December	17	4.82	11	35,251	6,470.59
<i>Not Hispanic, 2021</i>					
January	10	2.90	7	34,441	7,000.00
February	6	1.79	4	33,529	6,666.67
March	8	2.38	3	33,585	3,750.00
<i>Unknown, 2020</i>					
April	1,306	3.11	714	4,204,186	5,467.08
May	634	1.50	352	4,229,054	5,552.05
June	735	1.73	433	4,242,652	5,891.16
July	2,770	4.89	1,681	5,664,199	6,068.59
August	1,944	3.38	1,120	5,759,168	5,761.32
September	1,569	2.79	906	5,621,629	5,774.38
October	2,669	4.64	1,473	5,754,857	5,518.92
November	5,891	10.42	3,118	5,654,792	5,292.82
December	7,847	13.45	4,199	5,835,392	5,351.09
<i>Unknown, 2021</i>					
January	6,426	12.13	3,414	5,296,391	5,312.79
February	2,809	5.41	1,543	5,188,902	5,493.06
March	2,163	4.13	1,139	5,236,807	5,265.83
Index = Hospitalized with COVID; Outcome = Hospitalized with Critical COVID, Known Race					

Hispanic, 2020

April	43	3.72	28	115,457	6,511.63
May	18	1.55	11	116,079	6,111.11
June	29	2.49	14	116,488	4,827.59
July	57	4.47	34	127,462	5,964.91
August	35	2.71	16	129,098	4,571.43
September	19	1.50	9	126,898	4,736.84
October	43	3.33	18	129,023	4,186.05
November	99	7.77	45	127,376	4,545.45

Table 11. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Hispanic Origin, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
December	100	7.68	60	130,199	6,000.00
<i>Hispanic, 2021</i>					
January	94	7.62	47	123,393	5,000.00
February	37	3.05	18	121,186	4,864.86
March	34	2.79	12	121,937	3,529.41
<i>Not Hispanic, 2020</i>					
April	3,058	6.71	1,838	4,560,161	6,010.46
May	1,706	3.76	981	4,541,741	5,750.29
June	2,148	4.75	1,381	4,523,298	6,429.24
July	5,658	12.06	3,430	4,692,646	6,062.21
August	3,852	8.19	2,314	4,705,658	6,007.27
September	2,796	5.99	1,578	4,665,433	5,643.78
October	5,005	10.70	2,791	4,676,201	5,576.42
November	10,400	22.41	5,576	4,640,556	5,361.54
December	13,562	29.16	7,380	4,650,163	5,441.68
<i>Not Hispanic, 2021</i>					
January	11,426	26.84	6,136	4,256,944	5,370.21
February	4,729	11.28	2,604	4,191,353	5,506.45
March	2,768	6.64	1,507	4,168,278	5,444.36
<i>Unknown, 2020</i>					
April	2,113	7.96	1,208	2,655,841	5,716.99
May	902	3.39	540	2,660,099	5,986.70
June	702	2.64	446	2,662,947	6,353.28
July	1,488	5.12	929	2,904,732	6,243.28
August	1,019	3.48	611	2,928,250	5,996.07
September	743	2.58	438	2,885,092	5,895.02
October	1,417	4.86	854	2,913,690	6,026.82
November	3,314	11.52	1,882	2,877,640	5,678.94
December	4,705	16.08	2,614	2,926,643	5,555.79
<i>Unknown, 2021</i>					
January	4,146	15.36	2,245	2,698,538	5,414.86
February	1,849	6.95	984	2,661,770	5,321.80
March	1,394	5.22	704	2,669,440	5,050.22
Index = Hospitalized with COVID; Outcome = Hospitalized with Critical COVID, American Indian or Alaska Native					
<i>Hispanic, 2020</i>					
April	5	6.29	2	7,953	4,000.00

Table 11. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Hispanic Origin, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
May	2	2.50	1	7,988	5,000.00
June	3	3.73	3	8,042	10,000.00
July	7	7.86	3	8,910	4,285.71
August	5	5.52	3	9,053	6,000.00
September	1	1.12	0	8,890	0.00
October	5	5.54	1	9,024	2,000.00
November	10	11.24	2	8,900	2,000.00
December	12	13.25	8	9,060	6,666.67
<i>Hispanic, 2021</i>					
January	18	21.03	9	8,559	5,000.00
February	1	1.19	0	8,386	0.00
March	0	0.00	0	8,428	NaN
<i>Not Hispanic, 2020</i>					
April	18	7.55	13	23,834	7,222.22
May	17	7.15	7	23,789	4,117.65
June	11	4.63	8	23,773	7,272.73
July	19	7.62	13	24,923	6,842.11
August	17	6.76	10	25,143	5,882.35
September	16	6.43	10	24,882	6,250.00
October	32	12.75	15	25,102	4,687.50
November	61	24.56	34	24,834	5,573.77
December	79	31.55	42	25,043	5,316.46
<i>Not Hispanic, 2021</i>					
January	74	31.24	34	23,689	4,594.59
February	24	10.32	6	23,254	2,500.00
March	11	4.75	6	23,171	5,454.55
<i>Unknown, 2020</i>					
April	5	5.06	3	9,889	6,000.00
May	4	3.99	4	10,017	10,000.00
June	2	1.99	1	10,054	5,000.00
July	8	7.03	4	11,383	5,000.00
August	6	5.15	3	11,651	5,000.00
September	3	2.62	0	11,468	0.00
October	9	7.69	7	11,711	7,777.78
November	19	16.45	9	11,552	4,736.84
December	20	16.91	11	11,828	5,500.00

Table 11. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Hispanic Origin, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
<i>Unknown, 2021</i>					
January	15	13.67	9	10,971	6,000.00
February	4	3.73	3	10,723	7,500.00
March	8	7.48	4	10,690	5,000.00
Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, Asian					
<i>Hispanic, 2020</i>					
April	5	3.97	2	12,610	4,000.00
May	4	3.15	3	12,711	7,500.00
June	8	6.28	5	12,730	6,250.00
July	8	5.61	7	14,257	8,750.00
August	2	1.38	1	14,459	5,000.00
September	3	2.12	2	14,168	6,666.67
October	7	4.83	2	14,480	2,857.14
November	11	7.72	5	14,252	4,545.45
December	12	8.21	11	14,624	9,166.67
<i>Hispanic, 2021</i>					
January	11	8.06	6	13,654	5,454.55
February	9	6.73	3	13,375	3,333.33
March	10	7.39	3	13,535	3,000.00
<i>Not Hispanic, 2020</i>					
April	70	4.23	44	165,435	6,285.71
May	49	2.97	26	165,208	5,306.12
June	30	1.82	18	164,909	6,000.00
July	68	3.96	41	171,671	6,029.41
August	55	3.18	28	172,939	5,090.91
September	34	1.98	20	171,556	5,882.35
October	69	3.99	42	173,098	6,086.96
November	211	12.29	101	171,724	4,786.73
December	239	13.83	136	172,838	5,690.38
<i>Not Hispanic, 2021</i>					
January	182	10.98	105	165,771	5,769.23
February	70	4.29	44	163,125	6,285.71
March	44	2.70	22	162,681	5,000.00
<i>Unknown, 2020</i>					
April	107	4.50	56	237,672	5,233.64
May	25	1.05	16	238,980	6,400.00

Table 11. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Hispanic Origin, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
June	41	1.71	29	239,627	7,073.17
July	53	2.05	32	258,124	6,037.74
August	22	0.86	15	255,973	6,818.18
September	26	1.04	15	250,623	5,769.23
October	30	1.18	16	254,558	5,333.33
November	120	4.78	64	251,187	5,333.33
December	170	6.62	83	256,633	4,882.35
<i>Unknown, 2021</i>					
January	171	7.07	92	241,777	5,380.12
February	76	3.19	36	238,473	4,736.84
March	55	2.29	32	240,367	5,818.18
Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, Black or African American					
<i>Hispanic, 2020</i>					
April	12	10.81	9	11,099	7,500.00
May	3	2.69	2	11,144	6,666.67
June	5	4.46	0	11,204	0.00
July	3	2.44	1	12,294	3,333.33
August	5	3.99	1	12,523	2,000.00
September	0	0.00	0	12,286	NaN
October	3	2.40	2	12,488	6,666.67
November	9	7.31	5	12,304	5,555.56
December	9	7.09	3	12,690	3,333.33
<i>Hispanic, 2021</i>					
January	11	9.18	7	11,987	6,363.64
February	7	5.94	5	11,792	7,142.86
March	0	0.00	0	11,866	NaN
<i>Not Hispanic, 2020</i>					
April	1,266	21.50	792	588,710	6,255.92
May	551	9.42	350	585,018	6,352.09
June	759	13.05	493	581,499	6,495.39
July	1,993	32.78	1,184	608,076	5,940.79
August	1,112	18.11	659	613,976	5,926.26
September	534	8.79	314	607,358	5,880.15
October	831	13.55	498	613,222	5,992.78
November	1,612	26.49	904	608,538	5,607.94
December	2,443	39.76	1,383	614,508	5,661.07

Table 11. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Hispanic Origin, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
<i>Not Hispanic, 2021</i>					
January	2,424	42.87	1,338	565,374	5,519.80
February	1,109	19.99	608	554,670	5,482.42
March	630	11.44	361	550,829	5,730.16
<i>Unknown, 2020</i>					
April	777	25.53	439	304,331	5,649.94
May	266	8.76	150	303,634	5,639.10
June	217	7.15	129	303,398	5,944.70
July	445	13.63	265	326,512	5,955.06
August	248	7.51	146	330,099	5,887.10
September	142	4.38	82	324,379	5,774.65
October	250	7.63	146	327,520	5,840.00
November	501	15.50	301	323,173	6,007.98
December	797	24.30	465	327,974	5,834.38
<i>Unknown, 2021</i>					
January	708	23.69	381	298,912	5,381.36
February	402	13.68	219	293,833	5,447.76
March	287	9.77	138	293,867	4,808.36
Index = Hospitalized with COVID; Outcome = Hospitalized with Critical COVID, Native Hawaiian or Other Pacific Islander					
<i>Hispanic, 2020</i>					
April	1	4.66	0	2,145	0.00
May	1	4.62	0	2,164	0.00
June	0	0.00	0	2,179	NaN
July	2	8.38	2	2,386	10,000.00
August	1	4.13	1	2,420	10,000.00
September	0	0.00	0	2,391	NaN
October	0	0.00	0	2,429	NaN
November	3	12.52	2	2,396	6,666.67
December	2	8.22	1	2,434	5,000.00
<i>Hispanic, 2021</i>					
January	3	12.84	1	2,336	3,333.33
February	0	0.00	0	2,303	NaN
March	0	0.00	0	2,300	NaN
<i>Not Hispanic, 2020</i>					
April	41	6.52	28	62,890	6,829.27
May	33	5.26	13	62,797	3,939.39

Table 11. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Hispanic Origin, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
June	43	6.87	23	62,624	5,348.84
July	108	16.38	76	65,933	7,037.04
August	62	9.33	37	66,436	5,967.74
September	35	5.31	21	65,949	6,000.00
October	53	8.00	32	66,285	6,037.74
November	133	20.20	81	65,846	6,090.23
December	214	32.34	120	66,164	5,607.48
<i>Not Hispanic, 2021</i>					
January	198	32.27	119	61,356	6,010.10
February	59	9.75	33	60,486	5,593.22
March	38	6.31	18	60,220	4,736.84
<i>Unknown, 2020</i>					
April	4	4.61	3	8,681	7,500.00
May	5	5.77	3	8,673	6,000.00
June	2	2.32	1	8,614	5,000.00
July	2	2.20	0	9,076	0.00
August	3	3.29	3	9,116	10,000.00
September	2	2.23	2	8,978	10,000.00
October	8	8.86	4	9,029	5,000.00
November	13	14.59	7	8,912	5,384.62
December	8	8.86	4	9,030	5,000.00
<i>Unknown, 2021</i>					
January	10	11.84	9	8,444	9,000.00
February	3	3.60	2	8,332	6,666.67
March	2	2.40	2	8,330	10,000.00

Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, White

Hispanic, 2020

April	20	2.45	15	81,650	7,500.00
May	8	0.97	5	82,072	6,250.00
June	13	1.58	6	82,333	4,615.38
July	37	4.13	21	89,615	5,675.68
August	22	2.43	10	90,643	4,545.45
September	15	1.68	7	89,163	4,666.67
October	28	3.09	13	90,602	4,642.86
November	66	7.37	31	89,524	4,696.97
December	65	7.11	37	91,391	5,692.31

Table 11. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Hispanic Origin, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
<i>Hispanic, 2021</i>					
January	51	5.87	24	86,857	4,705.88
February	20	2.34	10	85,330	5,000.00
March	24	2.80	9	85,808	3,750.00
<i>Not Hispanic, 2020</i>					
April	1,663	4.47	961	3,719,292	5,778.71
May	1,056	2.85	585	3,704,929	5,539.77
June	1,305	3.54	839	3,690,493	6,429.12
July	3,470	9.08	2,116	3,822,043	6,097.98
August	2,606	6.81	1,580	3,827,164	6,062.93
September	2,177	5.74	1,213	3,795,688	5,571.89
October	4,020	10.58	2,204	3,798,494	5,482.59
November	8,383	22.24	4,456	3,769,614	5,315.52
December	10,587	28.07	5,699	3,771,610	5,383.02
<i>Not Hispanic, 2021</i>					
January	8,548	24.84	4,540	3,440,754	5,311.18
February	3,467	10.23	1,913	3,389,818	5,517.74
March	2,045	6.07	1,100	3,371,377	5,378.97
<i>Unknown, 2020</i>					
April	1,220	5.82	707	2,095,268	5,795.08
May	602	2.87	367	2,098,795	6,096.35
June	440	2.09	286	2,101,254	6,500.00
July	980	4.26	628	2,299,637	6,408.16
August	740	3.19	444	2,321,411	6,000.00
September	570	2.49	339	2,289,644	5,947.37
October	1,120	4.85	681	2,310,872	6,080.36
November	2,661	11.66	1,501	2,282,816	5,640.74
December	3,710	15.98	2,051	2,321,178	5,528.30
<i>Unknown, 2021</i>					
January	3,242	15.16	1,754	2,138,434	5,410.24
February	1,364	6.46	724	2,110,409	5,307.92
March	1,042	4.92	528	2,116,186	5,067.18

Index = Hospitalized with Critical COVID: Outcome = None, Overall Race

<i>Hispanic, 2020</i>					
April	203	4.06	N/A	499,613	N/A
May	136	2.72	N/A	500,569	N/A

Table 11. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Hispanic Origin, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
June	197	3.93	N/A	501,243	N/A
July	408	7.52	N/A	542,786	N/A
August	202	3.68	N/A	548,648	N/A
September	115	2.13	N/A	539,233	N/A
October	218	3.99	N/A	546,435	N/A
November	450	8.35	N/A	539,093	N/A
December	577	10.49	N/A	550,121	N/A
<i>Hispanic, 2021</i>					
January	445	8.56	N/A	520,034	N/A
February	202	3.96	N/A	510,264	N/A
March	122	2.38	N/A	512,533	N/A
<i>Not Hispanic, 2020</i>					
April	1,821	3.96	N/A	4,593,513	N/A
May	984	2.15	N/A	4,576,183	N/A
June	1,350	2.96	N/A	4,558,342	N/A
July	3,387	7.16	N/A	4,729,817	N/A
August	2,347	4.95	N/A	4,745,203	N/A
September	1,589	3.38	N/A	4,705,873	N/A
October	2,750	5.83	N/A	4,718,007	N/A
November	5,509	11.76	N/A	4,684,026	N/A
December	7,377	15.70	N/A	4,698,519	N/A
<i>Not Hispanic, 2021</i>					
January	6,192	14.37	N/A	4,308,119	N/A
February	2,672	6.29	N/A	4,245,843	N/A
March	1,589	3.76	N/A	4,224,171	N/A
<i>Unknown, 2020</i>					
April	1,879	2.74	N/A	6,860,027	N/A
May	903	1.31	N/A	6,890,503	N/A
June	874	1.27	N/A	6,907,466	N/A
July	2,574	3.00	N/A	8,571,261	N/A
August	1,736	2.00	N/A	8,691,280	N/A
September	1,360	1.60	N/A	8,511,616	N/A
October	2,285	2.63	N/A	8,674,216	N/A
November	4,920	5.76	N/A	8,539,713	N/A
December	6,782	7.73	N/A	8,773,292	N/A
<i>Unknown, 2021</i>					

Table 11. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Hispanic Origin, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
January	5,701	7.12	N/A	8,009,728	N/A
February	2,591	3.29	N/A	7,869,599	N/A
March	1,942	2.45	N/A	7,926,623	N/A
Index = Hospitalized with Critical COVID: Outcome = None, Unknown Race					
<i>Hispanic, 2020</i>					
April	176	4.58	N/A	384,156	N/A
May	124	3.23	N/A	384,476	N/A
June	183	4.76	N/A	384,735	N/A
July	374	9.01	N/A	415,290	N/A
August	186	4.43	N/A	419,494	N/A
September	106	2.57	N/A	412,263	N/A
October	200	4.79	N/A	417,332	N/A
November	405	9.84	N/A	411,612	N/A
December	519	12.36	N/A	419,768	N/A
<i>Hispanic, 2021</i>					
January	397	10.01	N/A	396,467	N/A
February	184	4.73	N/A	388,863	N/A
March	109	2.79	N/A	390,368	N/A
<i>Not Hispanic, 2020</i>					
April	8	2.40	N/A	33,352	N/A
May	2	0.60	N/A	33,368	N/A
June	1	0.30	N/A	33,397	N/A
July	1	0.29	N/A	34,844	N/A
August	2	0.57	N/A	35,164	N/A
September	0	0.00	N/A	34,794	N/A
October	3	0.85	N/A	35,190	N/A
November	9	2.58	N/A	34,857	N/A
December	11	3.12	N/A	35,286	N/A
<i>Not Hispanic, 2021</i>					
January	7	2.03	N/A	34,482	N/A
February	4	1.19	N/A	33,570	N/A
March	3	0.89	N/A	33,627	N/A
<i>Unknown, 2020</i>					
April	702	1.67	N/A	4,204,186	N/A
May	359	0.85	N/A	4,229,616	N/A
June	429	1.01	N/A	4,243,447	N/A

Table 11. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Hispanic Origin, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
July	1,660	2.93	N/A	5,665,259	N/A
August	1,116	1.94	N/A	5,761,249	N/A
September	919	1.63	N/A	5,624,417	N/A
October	1,447	2.51	N/A	5,758,172	N/A
November	3,068	5.42	N/A	5,659,216	N/A
December	4,166	7.13	N/A	5,842,444	N/A
<i>Unknown, 2021</i>					
January	3,453	6.51	N/A	5,305,646	N/A
February	1,579	3.04	N/A	5,200,670	N/A
March	1,194	2.27	N/A	5,249,431	N/A

Index = Hospitalized with Critical COVID: Outcome = None, Known Race

Hispanic, 2020

April	27	2.34	N/A	115,457	N/A
May	12	1.03	N/A	116,093	N/A
June	14	1.20	N/A	116,508	N/A
July	34	2.67	N/A	127,496	N/A
August	16	1.24	N/A	129,154	N/A
September	9	0.71	N/A	126,970	N/A
October	18	1.39	N/A	129,103	N/A
November	45	3.53	N/A	127,481	N/A
December	58	4.45	N/A	130,353	N/A

Hispanic, 2021

January	48	3.88	N/A	123,567	N/A
February	18	1.48	N/A	121,401	N/A
March	13	1.06	N/A	122,165	N/A

Not Hispanic, 2020

April	1,813	3.98	N/A	4,560,161	N/A
May	982	2.16	N/A	4,542,815	N/A
June	1,349	2.98	N/A	4,524,945	N/A
July	3,386	7.21	N/A	4,694,973	N/A
August	2,345	4.98	N/A	4,710,039	N/A
September	1,589	3.40	N/A	4,671,079	N/A
October	2,747	5.87	N/A	4,682,817	N/A
November	5,500	11.83	N/A	4,649,169	N/A
December	7,366	15.80	N/A	4,663,233	N/A

Not Hispanic, 2021

Table 11. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Hispanic Origin, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
January	6,185	14.47	N/A	4,273,637	N/A
February	2,668	6.33	N/A	4,212,273	N/A
March	1,586	3.78	N/A	4,190,544	N/A
<i>Unknown, 2020</i>					
April	1,177	4.43	N/A	2,655,841	N/A
May	544	2.04	N/A	2,660,887	N/A
June	445	1.67	N/A	2,664,019	N/A
July	914	3.15	N/A	2,906,002	N/A
August	620	2.12	N/A	2,930,031	N/A
September	441	1.53	N/A	2,887,199	N/A
October	838	2.87	N/A	2,916,044	N/A
November	1,852	6.43	N/A	2,880,497	N/A
December	2,616	8.93	N/A	2,930,848	N/A
<i>Unknown, 2021</i>					
January	2,248	8.31	N/A	2,704,082	N/A
February	1,012	3.79	N/A	2,668,929	N/A
March	748	2.79	N/A	2,677,192	N/A

Index = Hospitalized with Critical COVID: Outcome = None, American Indian or Alaska Native

Hispanic, 2020

April	2	2.51	N/A	7,953	N/A
May	1	1.25	N/A	7,991	N/A
June	3	3.73	N/A	8,046	N/A
July	3	3.37	N/A	8,914	N/A
August	3	3.31	N/A	9,061	N/A
September	0	0.00	N/A	8,898	N/A
October	1	1.11	N/A	9,033	N/A
November	2	2.24	N/A	8,913	N/A
December	8	8.81	N/A	9,079	N/A

Hispanic, 2021

January	9	10.49	N/A	8,580	N/A
February	0	0.00	N/A	8,415	N/A
March	0	0.00	N/A	8,458	N/A

Not Hispanic, 2020

April	13	5.45	N/A	23,834	N/A
May	7	2.94	N/A	23,793	N/A
June	8	3.36	N/A	23,785	N/A

Table 11. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Hispanic Origin, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
July	13	5.21	N/A	24,938	N/A
August	8	3.18	N/A	25,163	N/A
September	12	4.82	N/A	24,910	N/A
October	13	5.17	N/A	25,134	N/A
November	33	13.26	N/A	24,883	N/A
December	43	17.12	N/A	25,116	N/A
<i>Not Hispanic, 2021</i>					
January	36	15.13	N/A	23,787	N/A
February	6	2.57	N/A	23,383	N/A
March	6	2.57	N/A	23,313	N/A
<i>Unknown, 2020</i>					
April	3	3.03	N/A	9,889	N/A
May	4	3.99	N/A	10,019	N/A
June	1	0.99	N/A	10,055	N/A
July	4	3.51	N/A	11,385	N/A
August	3	2.57	N/A	11,656	N/A
September	0	0.00	N/A	11,476	N/A
October	7	5.97	N/A	11,722	N/A
November	9	7.78	N/A	11,565	N/A
December	11	9.28	N/A	11,851	N/A
<i>Unknown, 2021</i>					
January	7	6.36	N/A	10,998	N/A
February	5	4.65	N/A	10,757	N/A
March	4	3.73	N/A	10,723	N/A

Index = Hospitalized with Critical COVID: Outcome = None, Asian

Hispanic, 2020

April	1	0.79	N/A	12,610	N/A
May	4	3.15	N/A	12,715	N/A
June	5	3.93	N/A	12,734	N/A
July	7	4.91	N/A	14,264	N/A
August	1	0.69	N/A	14,467	N/A
September	2	1.41	N/A	14,177	N/A
October	2	1.38	N/A	14,489	N/A
November	5	3.50	N/A	14,266	N/A
December	10	6.83	N/A	14,644	N/A

Hispanic, 2021

Table 11. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Hispanic Origin, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
January	6	4.39	N/A	13,671	N/A
February	3	2.24	N/A	13,397	N/A
March	4	2.95	N/A	13,562	N/A
<i>Not Hispanic, 2020</i>					
April	44	2.66	N/A	165,435	N/A
May	26	1.57	N/A	165,229	N/A
June	18	1.09	N/A	164,950	N/A
July	41	2.39	N/A	171,723	N/A
August	28	1.62	N/A	173,013	N/A
September	20	1.17	N/A	171,656	N/A
October	42	2.42	N/A	173,208	N/A
November	99	5.76	N/A	171,859	N/A
December	136	7.86	N/A	173,083	N/A
<i>Not Hispanic, 2021</i>					
January	106	6.38	N/A	166,093	N/A
February	45	2.75	N/A	163,509	N/A
March	22	1.35	N/A	163,082	N/A
<i>Unknown, 2020</i>					
April	56	2.36	N/A	237,672	N/A
May	16	0.67	N/A	239,026	N/A
June	29	1.21	N/A	239,682	N/A
July	31	1.20	N/A	258,190	N/A
August	16	0.62	N/A	256,058	N/A
September	14	0.56	N/A	250,714	N/A
October	17	0.67	N/A	254,659	N/A
November	64	2.55	N/A	251,300	N/A
December	83	3.23	N/A	256,796	N/A
<i>Unknown, 2021</i>					
January	92	3.80	N/A	241,982	N/A
February	36	1.51	N/A	238,751	N/A
March	32	1.33	N/A	240,680	N/A
Index = Hospitalized with Critical COVID: Outcome = None, Black or African American					
<i>Hispanic, 2020</i>					
April	9	8.11	N/A	11,099	N/A
May	2	1.79	N/A	11,146	N/A
June	0	0.00	N/A	11,207	N/A

Table 11. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Hispanic Origin, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
July	1	0.81	N/A	12,301	N/A
August	1	0.80	N/A	12,531	N/A
September	0	0.00	N/A	12,298	N/A
October	2	1.60	N/A	12,500	N/A
November	5	4.06	N/A	12,317	N/A
December	3	2.36	N/A	12,707	N/A
<i>Hispanic, 2021</i>					
January	7	5.83	N/A	12,007	N/A
February	5	4.23	N/A	11,815	N/A
March	0	0.00	N/A	11,891	N/A
<i>Not Hispanic, 2020</i>					
April	780	13.25	N/A	588,710	N/A
May	351	6.00	N/A	585,462	N/A
June	482	8.28	N/A	582,113	N/A
July	1,173	19.26	N/A	608,939	N/A
August	676	10.98	N/A	615,601	N/A
September	318	5.22	N/A	609,355	N/A
October	497	8.08	N/A	615,392	N/A
November	886	14.50	N/A	611,000	N/A
December	1,380	22.34	N/A	617,632	N/A
<i>Not Hispanic, 2021</i>					
January	1,342	23.58	N/A	569,090	N/A
February	626	11.19	N/A	559,308	N/A
March	373	6.71	N/A	555,792	N/A
<i>Unknown, 2020</i>					
April	431	14.16	N/A	304,331	N/A
May	152	5.00	N/A	303,935	N/A
June	126	4.15	N/A	303,792	N/A
July	263	8.04	N/A	326,984	N/A
August	147	4.44	N/A	330,741	N/A
September	82	2.52	N/A	325,103	N/A
October	145	4.42	N/A	328,294	N/A
November	296	9.13	N/A	324,034	N/A
December	465	14.13	N/A	329,026	N/A
<i>Unknown, 2021</i>					
January	376	12.53	N/A	300,132	N/A

Table 11. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Hispanic Origin, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
February	228	7.72	N/A	295,333	N/A
March	150	5.08	N/A	295,494	N/A
Index = Hospitalized with Critical COVID: Outcome = None, Native Hawaiian or Other Pacific Islander					
<i>Hispanic, 2020</i>					
April	0	0.00	N/A	2,145	N/A
May	0	0.00	N/A	2,165	N/A
June	0	0.00	N/A	2,181	N/A
July	2	8.38	N/A	2,388	N/A
August	1	4.13	N/A	2,422	N/A
September	0	0.00	N/A	2,393	N/A
October	0	0.00	N/A	2,431	N/A
November	2	8.34	N/A	2,398	N/A
December	1	4.10	N/A	2,437	N/A
<i>Hispanic, 2021</i>					
January	1	4.28	N/A	2,338	N/A
February	0	0.00	N/A	2,307	N/A
March	0	0.00	N/A	2,304	N/A
<i>Not Hispanic, 2020</i>					
April	28	4.45	N/A	62,890	N/A
May	13	2.07	N/A	62,808	N/A
June	22	3.51	N/A	62,651	N/A
July	76	11.52	N/A	65,980	N/A
August	36	5.41	N/A	66,514	N/A
September	23	3.48	N/A	66,052	N/A
October	31	4.67	N/A	66,396	N/A
November	80	12.13	N/A	65,975	N/A
December	121	18.24	N/A	66,343	N/A
<i>Not Hispanic, 2021</i>					
January	118	19.16	N/A	61,596	N/A
February	33	5.43	N/A	60,794	N/A
March	20	3.30	N/A	60,544	N/A
<i>Unknown, 2020</i>					
April	3	3.46	N/A	8,681	N/A
May	3	3.46	N/A	8,674	N/A
June	1	1.16	N/A	8,617	N/A
July	0	0.00	N/A	9,080	N/A

Table 11. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Hispanic Origin, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
August	3	3.29	N/A	9,121	N/A
September	2	2.23	N/A	8,983	N/A
October	4	4.43	N/A	9,034	N/A
November	7	7.85	N/A	8,920	N/A
December	4	4.42	N/A	9,044	N/A
<i>Unknown, 2021</i>					
January	9	10.64	N/A	8,459	N/A
February	2	2.40	N/A	8,348	N/A
March	2	2.40	N/A	8,347	N/A
Index = Hospitalized with Critical COVID: Outcome = None, White					
<i>Hispanic, 2020</i>					
April	15	1.84	N/A	81,650	N/A
May	5	0.61	N/A	82,076	N/A
June	6	0.73	N/A	82,340	N/A
July	21	2.34	N/A	89,629	N/A
August	10	1.10	N/A	90,673	N/A
September	7	0.78	N/A	89,204	N/A
October	13	1.43	N/A	90,650	N/A
November	31	3.46	N/A	89,587	N/A
December	36	3.94	N/A	91,486	N/A
<i>Hispanic, 2021</i>					
January	25	2.87	N/A	86,971	N/A
February	10	1.17	N/A	85,467	N/A
March	9	1.05	N/A	85,950	N/A
<i>Not Hispanic, 2020</i>					
April	948	2.55	N/A	3,719,292	N/A
May	585	1.58	N/A	3,705,523	N/A
June	819	2.22	N/A	3,691,446	N/A
July	2,083	5.45	N/A	3,823,393	N/A
August	1,597	4.17	N/A	3,829,748	N/A
September	1,216	3.20	N/A	3,799,106	N/A
October	2,164	5.69	N/A	3,802,687	N/A
November	4,402	11.66	N/A	3,775,452	N/A
December	5,686	15.04	N/A	3,781,059	N/A
<i>Not Hispanic, 2021</i>					
January	4,583	13.27	N/A	3,453,071	N/A

Table 11. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Hispanic Origin, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
February	1,958	5.75	N/A	3,405,279	N/A
March	1,165	3.44	N/A	3,387,813	N/A
<i>Unknown, 2020</i>					
April	684	3.26	N/A	2,095,268	N/A
May	369	1.76	N/A	2,099,233	N/A
June	288	1.37	N/A	2,101,873	N/A
July	616	2.68	N/A	2,300,363	N/A
August	451	1.94	N/A	2,322,455	N/A
September	343	1.50	N/A	2,290,923	N/A
October	665	2.88	N/A	2,312,335	N/A
November	1,476	6.46	N/A	2,284,678	N/A
December	2,053	8.83	N/A	2,324,131	N/A
<i>Unknown, 2021</i>					
January	1,764	8.23	N/A	2,142,511	N/A
February	741	3.50	N/A	2,115,740	N/A
March	560	2.64	N/A	2,121,948	N/A

Index = COVID+; Outcome = Death

Hispanic, 2020

April	2,163	43.29	93	499,613	429.96
May	1,788	35.85	37	498,676	206.94
June	3,316	66.62	55	497,779	165.86
July	5,935	110.66	100	536,329	168.49
August	3,026	56.36	47	536,905	155.32
September	2,321	44.21	36	524,979	155.11
October	4,714	88.89	60	530,307	127.28
November	10,052	193.77	152	518,772	151.21
December	11,106	213.34	158	520,576	142.27

Hispanic, 2021

January	8,718	180.48	104	483,045	119.29
February	3,350	71.93	39	465,760	116.42
March	2,753	59.14	7	465,513	25.43

Not Hispanic, 2020

April	10,164	22.13	1,315	4,593,513	1,293.78
May	8,161	17.86	627	4,568,594	768.29

Table 11. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Hispanic Origin, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
June	10,741	23.64	604	4,544,232	562.33
July	22,347	47.48	1,319	4,706,875	590.24
August	15,462	32.87	887	4,704,278	573.66
September	13,415	28.83	606	4,653,013	451.73
October	24,364	52.35	987	4,654,450	405.11
November	52,675	114.51	2,035	4,600,130	386.33
December	59,294	129.76	2,665	4,569,339	449.46
<i>Not Hispanic, 2021</i>					
January	45,101	108.77	2,013	4,146,536	446.33
February	17,897	44.19	675	4,049,647	377.16
March	13,023	32.43	230	4,015,930	176.61
<i>Unknown, 2020</i>					
April	16,958	24.72	959	6,860,027	565.51
May	14,680	21.35	353	6,876,051	240.46
June	21,766	31.64	263	6,880,099	120.83
July	43,648	51.20	791	8,524,260	181.22
August	28,906	33.59	467	8,605,425	161.56
September	27,341	32.54	402	8,401,424	147.03
October	44,544	52.15	651	8,541,467	146.15
November	92,913	111.03	1,573	8,368,009	169.30
December	116,865	137.19	2,085	8,518,426	178.41
<i>Unknown, 2021</i>					
January	94,902	123.46	1,528	7,687,042	161.01
February	40,337	54.03	557	7,465,936	138.09
March	35,860	47.86	171	7,493,069	47.69
Index = Hospitalized with COVID: Outcome = Death					
<i>Hispanic, 2020</i>					
April	386	7.73	69	499,613	1,787.56
May	215	4.30	31	500,400	1,441.86
June	301	6.01	45	501,008	1,495.02
July	645	11.89	84	542,452	1,302.33
August	330	6.02	43	548,097	1,303.03
September	194	3.60	30	538,575	1,546.39
October	379	6.94	56	545,718	1,477.57
November	775	14.40	130	538,231	1,677.42
December	974	17.74	143	548,957	1,468.17

Table 11. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Hispanic Origin, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
<i>Hispanic, 2021</i>					
January	784	15.12	110	518,589	1,403.06
February	352	6.92	43	508,531	1,221.59
March	241	4.72	8	510,700	331.95
<i>Not Hispanic, 2020</i>					
April	3,071	6.69	770	4,593,513	2,507.33
May	1,710	3.74	382	4,575,104	2,233.92
June	2,149	4.72	380	4,556,688	1,768.26
July	5,660	11.97	1,064	4,727,483	1,879.86
August	3,857	8.14	716	4,740,814	1,856.37
September	2,799	5.96	460	4,700,216	1,643.44
October	5,012	10.64	738	4,711,377	1,472.47
November	10,426	22.30	1,710	4,675,395	1,640.13
December	13,579	28.98	2,378	4,685,414	1,751.23
<i>Not Hispanic, 2021</i>					
January	11,436	26.65	1,942	4,291,385	1,698.15
February	4,735	11.21	678	4,224,882	1,431.89
March	2,776	6.61	219	4,201,863	788.90
<i>Unknown, 2020</i>					
April	3,419	4.98	797	6,860,027	2,331.09
May	1,536	2.23	283	6,889,153	1,842.45
June	1,437	2.08	180	6,905,599	1,252.61
July	4,258	4.97	645	8,568,931	1,514.80
August	2,963	3.41	390	8,687,418	1,316.23
September	2,312	2.72	328	8,506,721	1,418.69
October	4,086	4.71	569	8,668,547	1,392.56
November	9,205	10.79	1,400	8,532,432	1,520.91
December	12,552	14.33	1,913	8,762,035	1,524.06
<i>Unknown, 2021</i>					
January	10,572	13.22	1,535	7,994,929	1,451.95
February	4,658	5.93	611	7,850,672	1,311.72
March	3,557	4.50	174	7,906,247	489.18

¹Ethnicity data may not be completely populated at all Data Partners; therefore, data about ethnicity may be incomplete.

²Eligible Members are reflective of the number of patients that met all cohort entry criteria on at least one day during the query period.

³Data presented by a dash, asterisk, or period represent missing information. Data represented by NaN (Not a Number) is due to their inability to be calculated. This table may not use all data representations.

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
Index = Evidence of PCR Test for SARS COV2: Outcome = None					
<i>Midwest, 2020</i>					
April	6,674	NaN	N/A	-	N/A
May	18,174	NaN	N/A	-	N/A
June	28,170	NaN	N/A	-	N/A
July	40,415	NaN	N/A	-	N/A
August	30,764	NaN	N/A	-	N/A
September	30,058	NaN	N/A	-	N/A
October	40,579	NaN	N/A	-	N/A
November	53,110	NaN	N/A	-	N/A
December	36,594	NaN	N/A	-	N/A
<i>Midwest, 2021</i>					
January	23,578	NaN	N/A	-	N/A
February	15,427	NaN	N/A	-	N/A
March	17,043	NaN	N/A	-	N/A
<i>Northeast, 2020</i>					
April	9,894	NaN	N/A	-	N/A
May	18,247	NaN	N/A	-	N/A
June	31,890	NaN	N/A	-	N/A
July	43,891	NaN	N/A	-	N/A
August	39,762	NaN	N/A	-	N/A
September	37,225	NaN	N/A	-	N/A
October	44,547	NaN	N/A	-	N/A
November	57,640	NaN	N/A	-	N/A
December	50,679	NaN	N/A	-	N/A
<i>Northeast, 2021</i>					
January	37,986	NaN	N/A	-	N/A
February	21,650	NaN	N/A	-	N/A
March	23,128	NaN	N/A	-	N/A
<i>South, 2020</i>					
April	26,016	NaN	N/A	-	N/A
May	45,111	NaN	N/A	-	N/A
June	81,209	NaN	N/A	-	N/A
July	107,416	NaN	N/A	-	N/A
August	68,726	NaN	N/A	-	N/A

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
September	54,640	NaN	N/A	-	N/A
October	69,935	NaN	N/A	-	N/A
November	85,569	NaN	N/A	-	N/A
December	91,943	NaN	N/A	-	N/A
<i>South, 2021</i>					
January	71,405	NaN	N/A	-	N/A
February	37,234	NaN	N/A	-	N/A
March	30,848	NaN	N/A	-	N/A
<i>West, 2020</i>					
April	17,276	NaN	N/A	-	N/A
May	31,747	NaN	N/A	-	N/A
June	51,979	NaN	N/A	-	N/A
July	76,044	NaN	N/A	-	N/A
August	56,347	NaN	N/A	-	N/A
September	48,044	NaN	N/A	-	N/A
October	74,544	NaN	N/A	-	N/A
November	108,346	NaN	N/A	-	N/A
December	86,456	NaN	N/A	-	N/A
<i>West, 2021</i>					
January	57,047	NaN	N/A	-	N/A
February	36,990	NaN	N/A	-	N/A
March	35,925	NaN	N/A	-	N/A
<i>CB Region (Invalid), 2020</i>					
April	54	NaN	N/A	-	N/A
May	107	NaN	N/A	-	N/A
June	205	NaN	N/A	-	N/A
July	229	NaN	N/A	-	N/A
August	207	NaN	N/A	-	N/A
September	170	NaN	N/A	-	N/A
October	269	NaN	N/A	-	N/A
November	290	NaN	N/A	-	N/A
December	287	NaN	N/A	-	N/A
<i>CB Region (Invalid), 2021</i>					
January	208	NaN	N/A	-	N/A
February	126	NaN	N/A	-	N/A

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
March	118	NaN	N/A	-	N/A
<i>CB Region (Missing), 2020</i>					
April	2,679	NaN	N/A	-	N/A
May	3,365	NaN	N/A	-	N/A
June	4,910	NaN	N/A	-	N/A
July	7,965	NaN	N/A	-	N/A
August	5,743	NaN	N/A	-	N/A
September	4,574	NaN	N/A	-	N/A
October	6,338	NaN	N/A	-	N/A
November	8,198	NaN	N/A	-	N/A
December	6,274	NaN	N/A	-	N/A
<i>CB Region (Missing), 2021</i>					
January	4,385	NaN	N/A	-	N/A
February	2,845	NaN	N/A	-	N/A
March	3,058	NaN	N/A	-	N/A
<i>CB Region (Other), 2020</i>					
April	2	NaN	N/A	-	N/A
May	7	NaN	N/A	-	N/A
June	7	NaN	N/A	-	N/A
July	27	NaN	N/A	-	N/A
August	18	NaN	N/A	-	N/A
September	3	NaN	N/A	-	N/A
October	15	NaN	N/A	-	N/A
November	24	NaN	N/A	-	N/A
December	26	NaN	N/A	-	N/A
<i>CB Region (Other), 2021</i>					
January	17	NaN	N/A	-	N/A
February	15	NaN	N/A	-	N/A
March	14	NaN	N/A	-	N/A
Index = Evidence of PCR Test for SARS COV2: Outcome = COVID+					
<i>Midwest, 2020</i>					
April	6,674	NaN	1,736	-	2,601.14
May	18,174	NaN	3,581	-	1,970.40
June	28,170	NaN	3,904	-	1,385.87
July	40,415	NaN	6,013	-	1,487.81

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
August	30,764	NaN	4,757	-	1,546.29
September	30,058	NaN	4,658	-	1,549.67
October	40,579	NaN	7,770	-	1,914.78
November	53,110	NaN	13,808	-	2,599.89
December	36,594	NaN	8,018	-	2,191.07
<i>Midwest, 2021</i>					
January	23,578	NaN	4,234	-	1,795.74
February	15,427	NaN	1,569	-	1,017.05
March	17,043	NaN	1,467	-	860.76
<i>Northeast, 2020</i>					
April	9,894	NaN	4,056	-	4,099.45
May	18,247	NaN	3,814	-	2,090.21
June	31,890	NaN	4,442	-	1,392.91
July	43,891	NaN	5,966	-	1,359.28
August	39,762	NaN	5,090	-	1,280.12
September	37,225	NaN	4,838	-	1,299.66
October	44,547	NaN	6,174	-	1,385.95
November	57,640	NaN	10,694	-	1,855.31
December	50,679	NaN	10,863	-	2,143.49
<i>Northeast, 2021</i>					
January	37,986	NaN	7,099	-	1,868.85
February	21,650	NaN	3,156	-	1,457.74
March	23,128	NaN	3,071	-	1,327.83
<i>South, 2020</i>					
April	26,016	NaN	5,783	-	2,222.86
May	45,111	NaN	6,764	-	1,499.41
June	81,209	NaN	15,725	-	1,936.36
July	107,416	NaN	22,521	-	2,096.62
August	68,726	NaN	11,938	-	1,737.04
September	54,640	NaN	8,648	-	1,582.72
October	69,935	NaN	12,111	-	1,731.75
November	85,569	NaN	17,312	-	2,023.16
December	91,943	NaN	21,188	-	2,304.47
<i>South, 2021</i>					
January	71,405	NaN	16,903	-	2,367.20

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
February	37,234	NaN	5,781	-	1,552.61
March	30,848	NaN	3,148	-	1,020.49
<i>West, 2020</i>					
April	17,276	NaN	3,013	-	1,744.04
May	31,747	NaN	3,472	-	1,093.65
June	51,979	NaN	6,781	-	1,304.57
July	76,044	NaN	11,201	-	1,472.96
August	56,347	NaN	6,285	-	1,115.41
September	48,044	NaN	5,498	-	1,144.37
October	74,544	NaN	10,173	-	1,364.70
November	108,346	NaN	20,170	-	1,861.63
December	86,456	NaN	16,438	-	1,901.31
<i>West, 2021</i>					
January	57,047	NaN	9,528	-	1,670.20
February	36,990	NaN	3,328	-	899.7
March	35,925	NaN	2,521	-	701.74
<i>CB Region (Invalid), 2020</i>					
April	54	NaN	10	-	1,851.85
May	107	NaN	18	-	1,682.24
June	205	NaN	31	-	1,512.20
July	229	NaN	38	-	1,659.39
August	207	NaN	25	-	1,207.73
September	170	NaN	28	-	1,647.06
October	269	NaN	28	-	1,040.89
November	290	NaN	65	-	2,241.38
December	287	NaN	52	-	1,811.85
<i>CB Region (Invalid), 2021</i>					
January	208	NaN	32	-	1,538.46
February	126	NaN	18	-	1,428.57
March	118	NaN	11	-	932.2
<i>CB Region (Missing), 2020</i>					
April	2,679	NaN	350	-	1,306.46
May	3,365	NaN	234	-	695.39
June	4,910	NaN	403	-	820.77
July	7,965	NaN	870	-	1,092.28

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
August	5,743	NaN	503	-	875.85
September	4,574	NaN	439	-	959.77
October	6,338	NaN	520	-	820.45
November	8,198	NaN	1,095	-	1,335.69
December	6,274	NaN	821	-	1,308.58
<i>CB Region (Missing), 2021</i>					
January	4,385	NaN	493	-	1,124.29
February	2,845	NaN	170	-	597.54
March	3,058	NaN	176	-	575.54
<i>CB Region (Other), 2020</i>					
April	2	NaN	0	-	0
May	7	NaN	0	-	0
June	7	NaN	0	-	0
July	27	NaN	5	-	1,851.85
August	18	NaN	1	-	555.56
September	3	NaN	1	-	3,333.33
October	15	NaN	0	-	0
November	24	NaN	0	-	0
December	26	NaN	1	-	384.62
-					
January	17	NaN	1	-	588.24
February	15	NaN	0	-	0
March	14	NaN	0	-	0

Index = COVID+; Outcome = Hospitalized with COVID, Overall Race

<i>Midwest, 2020</i>					
April	4,315	NaN	1,522	-	3,527.23
May	5,504	NaN	1,035	-	1,880.45
June	4,203	NaN	547	-	1,301.45
July	8,293	NaN	1,176	-	1,418.06
August	8,139	NaN	1,270	-	1,560.39
September	10,482	NaN	1,481	-	1,412.90
October	21,993	NaN	3,337	-	1,517.30
November	49,894	NaN	7,357	-	1,474.53
December	36,255	NaN	5,768	-	1,590.95

Midwest, 2021

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
January	21,782	NaN	3,471	-	1,593.52
February	9,253	NaN	1,312	-	1,417.92
March	9,859	NaN	1,080	-	1,095.45
<i>Northeast, 2020</i>					
April	11,784	NaN	2,696	-	2,287.85
May	7,999	NaN	713	-	891.36
June	5,567	NaN	258	-	463.45
July	7,577	NaN	410	-	541.11
August	6,539	NaN	335	-	512.31
September	6,357	NaN	320	-	503.38
October	9,040	NaN	724	-	800.88
November	21,159	NaN	2,316	-	1,094.57
December	29,877	NaN	3,716	-	1,243.77
<i>Northeast, 2021</i>					
January	24,445	NaN	2,736	-	1,119.25
February	12,695	NaN	1,286	-	1,013.00
March	14,772	NaN	1,265	-	856.35
<i>South, 2020</i>					
April	8,810	NaN	2,396	-	2,719.64
May	7,658	NaN	1,390	-	1,815.10
June	19,172	NaN	3,036	-	1,583.56
July	41,574	NaN	8,168	-	1,964.69
August	23,569	NaN	4,672	-	1,982.26
September	18,174	NaN	3,210	-	1,766.26
October	28,288	NaN	4,962	-	1,754.10
November	50,040	NaN	8,519	-	1,702.44
December	82,271	NaN	13,559	-	1,648.09
<i>South, 2021</i>					
January	74,616	NaN	12,103	-	1,622.04
February	29,366	NaN	4,841	-	1,648.51
March	18,952	NaN	2,850	-	1,503.80
<i>West, 2020</i>					
April	3,984	NaN	836	-	2,098.39
May	3,221	NaN	406	-	1,260.48
June	6,520	NaN	662	-	1,015.34

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
July	13,541	NaN	1,313	-	969.65
August	8,454	NaN	708	-	837.47
September	7,496	NaN	581	-	775.08
October	13,475	NaN	1,153	-	855.66
November	32,601	NaN	3,034	-	930.65
December	36,973	NaN	3,913	-	1,058.34
<i>West, 2021</i>					
January	26,558	NaN	2,721	-	1,024.55
February	9,689	NaN	987	-	1,018.68
March	7,476	NaN	514	-	687.53
<i>CB Region (Invalid), 2020</i>					
April	33	NaN	6	-	1,818.18
May	30	NaN	3	-	1,000.00
June	50	NaN	4	-	800
July	90	NaN	12	-	1,333.33
August	69	NaN	8	-	1,159.42
September	74	NaN	6	-	810.81
October	112	NaN	12	-	1,071.43
November	182	NaN	14	-	769.23
December	235	NaN	15	-	638.3
<i>CB Region (Invalid), 2021</i>					
January	175	NaN	10	-	571.43
February	103	NaN	9	-	873.79
March	94	NaN	5	-	531.91
<i>CB Region (Missing), 2020</i>					
April	340	NaN	52	-	1,529.41
May	173	NaN	25	-	1,445.09
June	274	NaN	22	-	802.92
July	796	NaN	25	-	314.07
August	535	NaN	17	-	317.76
September	454	NaN	17	-	374.45
October	599	NaN	30	-	500.83
November	1,688	NaN	70	-	414.69
December	1,618	NaN	94	-	580.96
<i>CB Region (Missing), 2021</i>					

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
January	1,123	NaN	65	-	578.81
February	472	NaN	28	-	593.22
March	480	NaN	23	-	479.17
<i>CB Region (Other), 2020</i>					
April	19	NaN	3	-	1,578.95
May	44	NaN	3	-	681.82
June	37	NaN	0	-	0
July	59	NaN	4	-	677.97
August	89	NaN	16	-	1,797.75
September	40	NaN	9	-	2,250.00
October	115	NaN	33	-	2,869.57
November	76	NaN	21	-	2,763.16
December	36	NaN	9	-	2,500.00
<i>CB Region (Other), 2021</i>					
January	22	NaN	3	-	1,363.64
February	6	NaN	1	-	1,666.67
March	3	NaN	2	-	6,666.67

Index = COVID+; Outcome = Hospitalized with COVID, Unknown Race

Midwest, 2020

April	1,047	NaN	240	-	2,292.26
May	1,594	NaN	210	-	1,317.44
June	1,186	NaN	95	-	801.01
July	3,607	NaN	416	-	1,153.31
August	3,535	NaN	475	-	1,343.71
September	4,836	NaN	555	-	1,147.64
October	9,432	NaN	1,131	-	1,199.11
November	20,939	NaN	2,567	-	1,225.94
December	15,638	NaN	1,996	-	1,276.38

Midwest, 2021

January	9,476	NaN	1,220	-	1,287.46
February	4,175	NaN	476	-	1,140.12
March	4,224	NaN	394	-	932.77

Northeast, 2020

April	5,575	NaN	837	-	1,501.35
May	3,636	NaN	189	-	519.8

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
June	2,427	NaN	67	-	276.06
July	4,129	NaN	231	-	559.46
August	3,626	NaN	181	-	499.17
September	3,554	NaN	163	-	458.64
October	5,119	NaN	345	-	673.96
November	11,952	NaN	1,104	-	923.69
December	16,558	NaN	1,779	-	1,074.41
<i>Northeast, 2021</i>					
January	13,234	NaN	1,181	-	892.4
February	6,997	NaN	525	-	750.32
March	8,290	NaN	584	-	704.46
<i>South, 2020</i>					
April	2,610	NaN	463	-	1,773.95
May	2,595	NaN	294	-	1,132.95
June	9,161	NaN	733	-	800.13
July	19,766	NaN	2,408	-	1,218.25
August	10,207	NaN	1,264	-	1,238.37
September	7,862	NaN	890	-	1,132.03
October	12,146	NaN	1,315	-	1,082.66
November	22,187	NaN	2,272	-	1,024.02
December	35,783	NaN	3,637	-	1,016.40
<i>South, 2021</i>					
January	33,454	NaN	3,281	-	980.75
February	13,390	NaN	1,397	-	1,043.32
March	9,282	NaN	900	-	969.62
<i>West, 2020</i>					
April	1,378	NaN	257	-	1,865.02
May	1,433	NaN	143	-	997.91
June	3,335	NaN	264	-	791.6
July	6,750	NaN	511	-	757.04
August	4,025	NaN	278	-	690.68
September	3,358	NaN	212	-	631.33
October	6,094	NaN	394	-	646.54
November	13,822	NaN	982	-	710.46
December	16,978	NaN	1,324	-	779.83

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
<i>West, 2021</i>					
January	12,132	NaN	924	-	761.62
February	4,089	NaN	323	-	789.92
March	2,802	NaN	167	-	596
<i>CB Region (Invalid), 2020</i>					
April	15	NaN	2	-	1,333.33
May	21	NaN	2	-	952.38
June	30	NaN	1	-	333.33
July	52	NaN	4	-	769.23
August	43	NaN	4	-	930.23
September	44	NaN	0	-	0
October	67	NaN	4	-	597.01
November	81	NaN	6	-	740.74
December	107	NaN	5	-	467.29
<i>CB Region (Invalid), 2021</i>					
January	92	NaN	4	-	434.78
February	63	NaN	5	-	793.65
March	62	NaN	1	-	161.29
<i>CB Region (Missing), 2020</i>					
April	65	NaN	9	-	1,384.62
May	59	NaN	1	-	169.49
June	91	NaN	8	-	879.12
July	191	NaN	9	-	471.2
August	131	NaN	5	-	381.68
September	108	NaN	1	-	92.59
October	163	NaN	7	-	429.45
November	443	NaN	20	-	451.47
December	424	NaN	30	-	707.55
<i>CB Region (Missing), 2021</i>					
January	322	NaN	19	-	590.06
February	128	NaN	5	-	390.63
March	134	NaN	8	-	597.01
<i>CB Region (Other), 2020</i>					
April	12	NaN	2	-	1,666.67
May	36	NaN	2	-	555.56

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
June	30	NaN	0	-	0
July	45	NaN	4	-	888.89
August	74	NaN	16	-	2,162.16
September	31	NaN	7	-	2,258.06
October	92	NaN	23	-	2,500.00
November	63	NaN	16	-	2,539.68
December	25	NaN	6	-	2,400.00
<i>CB Region (Other), 2021</i>					
January	16	NaN	2	-	1,250.00
February	3	NaN	0	-	0
March	1	NaN	1	-	10,000.00
Index = COVID+; Outcome = Hospitalized with COVID, Known Race					
<i>Midwest, 2020</i>					
April	3,268	NaN	1,282	-	3,922.89
May	3,910	NaN	825	-	2,109.97
June	3,017	NaN	452	-	1,498.18
July	4,686	NaN	760	-	1,621.85
August	4,604	NaN	795	-	1,726.76
September	5,646	NaN	926	-	1,640.10
October	12,561	NaN	2,206	-	1,756.23
November	28,955	NaN	4,790	-	1,654.29
December	20,617	NaN	3,772	-	1,829.56
<i>Midwest, 2021</i>					
January	12,306	NaN	2,251	-	1,829.19
February	5,078	NaN	836	-	1,646.32
March	5,635	NaN	686	-	1,217.39
<i>Northeast, 2020</i>					
April	6,209	NaN	1,859	-	2,994.04
May	4,363	NaN	524	-	1,201.01
June	3,140	NaN	191	-	608.28
July	3,448	NaN	179	-	519.14
August	2,913	NaN	154	-	528.66
September	2,803	NaN	157	-	560.11
October	3,921	NaN	379	-	966.59
November	9,207	NaN	1,212	-	1,316.39

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
December	13,319	NaN	1,937	-	1,454.31
<i>Northeast, 2021</i>					
January	11,211	NaN	1,555	-	1,387.03
February	5,698	NaN	761	-	1,335.56
March	6,482	NaN	681	-	1,050.60
<i>South, 2020</i>					
April	6,200	NaN	1,933	-	3,117.74
May	5,063	NaN	1,096	-	2,164.72
June	10,011	NaN	2,303	-	2,300.47
July	21,808	NaN	5,760	-	2,641.23
August	13,362	NaN	3,408	-	2,550.52
September	10,312	NaN	2,320	-	2,249.81
October	16,142	NaN	3,647	-	2,259.32
November	27,853	NaN	6,247	-	2,242.85
December	46,488	NaN	9,922	-	2,134.31
<i>South, 2021</i>					
January	41,162	NaN	8,822	-	2,143.24
February	15,976	NaN	3,444	-	2,155.73
March	9,670	NaN	1,950	-	2,016.55
<i>West, 2020</i>					
April	2,606	NaN	579	-	2,221.80
May	1,788	NaN	263	-	1,470.92
June	3,185	NaN	398	-	1,249.61
July	6,791	NaN	802	-	1,180.97
August	4,429	NaN	430	-	970.87
September	4,138	NaN	369	-	891.74
October	7,381	NaN	759	-	1,028.32
November	18,779	NaN	2,052	-	1,092.71
December	19,995	NaN	2,589	-	1,294.82
<i>West, 2021</i>					
January	14,426	NaN	1,797	-	1,245.67
February	5,600	NaN	664	-	1,185.71
March	4,674	NaN	347	-	742.4
<i>CB Region (Invalid), 2020</i>					
April	18	NaN	4	-	2,222.22

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
May	9	NaN	1	-	1,111.11
June	20	NaN	3	-	1,500.00
July	38	NaN	8	-	2,105.26
August	26	NaN	4	-	1,538.46
September	30	NaN	6	-	2,000.00
October	45	NaN	8	-	1,777.78
November	101	NaN	8	-	792.08
December	128	NaN	10	-	781.25
<i>CB Region (Invalid), 2021</i>					
January	83	NaN	6	-	722.89
February	40	NaN	4	-	1,000.00
March	32	NaN	4	-	1,250.00
<i>CB Region (Missing), 2020</i>					
April	275	NaN	43	-	1,563.64
May	114	NaN	24	-	2,105.26
June	183	NaN	14	-	765.03
July	605	NaN	16	-	264.46
August	404	NaN	12	-	297.03
September	346	NaN	16	-	462.43
October	436	NaN	23	-	527.52
November	1,245	NaN	50	-	401.61
December	1,194	NaN	64	-	536.01
<i>CB Region (Missing), 2021</i>					
January	801	NaN	46	-	574.28
February	344	NaN	23	-	668.6
March	346	NaN	15	-	433.53
<i>CB Region (Other), 2020</i>					
April	7	NaN	1	-	1,428.57
May	8	NaN	1	-	1,250.00
June	7	NaN	0	-	0
July	14	NaN	0	-	0
August	15	NaN	0	-	0
September	9	NaN	2	-	2,222.22
October	23	NaN	10	-	4,347.83
November	13	NaN	5	-	3,846.15

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
December	11	NaN	3	-	2,727.27
<i>CB Region (Other), 2021</i>					
January	6	NaN	1	-	1,666.67
February	3	NaN	1	-	3,333.33
March	2	NaN	1	-	5,000.00
Index = COVID+; Outcome = Hospitalized with COVID, American Indian or Alaska Native					
<i>Midwest, 2020</i>					
April	11	NaN	6	-	5,454.55
May	41	NaN	9	-	2,195.12
June	20	NaN	4	-	2,000.00
July	36	NaN	2	-	555.56
August	23	NaN	6	-	2,608.70
September	33	NaN	6	-	1,818.18
October	92	NaN	15	-	1,630.43
November	187	NaN	24	-	1,283.42
December	137	NaN	20	-	1,459.85
<i>Midwest, 2021</i>					
January	63	NaN	10	-	1,587.30
February	22	NaN	2	-	909.09
March	30	NaN	5	-	1,666.67
<i>Northeast, 2020</i>					
April	25	NaN	3	-	1,200.00
May	6	NaN	0	-	0
June	6	NaN	0	-	0
July	6	NaN	0	-	0
August	8	NaN	1	-	1,250.00
September	7	NaN	0	-	0
October	12	NaN	1	-	833.33
November	25	NaN	2	-	800
December	37	NaN	0	-	0
<i>Northeast, 2021</i>					
January	39	NaN	3	-	769.23
February	11	NaN	1	-	909.09
March	21	NaN	3	-	1,428.57

South, 2020

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
April	24	NaN	10	-	4,166.67
May	15	NaN	2	-	1,333.33
June	62	NaN	8	-	1,290.32
July	104	NaN	14	-	1,346.15
August	52	NaN	12	-	2,307.69
September	64	NaN	11	-	1,718.75
October	93	NaN	15	-	1,612.90
November	163	NaN	22	-	1,349.69
December	228	NaN	45	-	1,973.68
<i>South, 2021</i>					
January	211	NaN	45	-	2,132.70
February	59	NaN	9	-	1,525.42
March	45	NaN	3	-	666.67
<i>West, 2020</i>					
April	49	NaN	10	-	2,040.82
May	26	NaN	12	-	4,615.38
June	48	NaN	8	-	1,666.67
July	106	NaN	16	-	1,509.43
August	71	NaN	8	-	1,126.76
September	65	NaN	8	-	1,230.77
October	107	NaN	18	-	1,682.24
November	270	NaN	49	-	1,814.81
December	312	NaN	49	-	1,570.51
<i>West, 2021</i>					
January	204	NaN	30	-	1,470.59
February	88	NaN	12	-	1,363.64
March	51	NaN	4	-	784.31
<i>CB Region (Invalid), 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	1	NaN	0	-	0
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
November	2	NaN	0	-	0
December	0	NaN	0	-	NaN
<i>CB Region (Invalid), 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	1	NaN	0	-	0
<i>CB Region (Missing), 2020</i>					
April	3	NaN	1	-	3,333.33
May	2	NaN	1	-	5,000.00
June	3	NaN	0	-	0
July	13	NaN	1	-	769.23
August	12	NaN	2	-	1,666.67
September	7	NaN	0	-	0
October	4	NaN	0	-	0
November	27	NaN	0	-	0
December	25	NaN	2	-	800
<i>CB Region (Missing), 2021</i>					
January	16	NaN	1	-	625
February	3	NaN	0	-	0
March	4	NaN	0	-	0
<i>CB Region (Other), 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	1	NaN	0	-	0
December	0	NaN	0	-	NaN
<i>CB Region (Other), 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN

Index = COVID+; Outcome = Hospitalized with COVID, Asian

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
<i>Midwest, 2020</i>					
April	84	NaN	29	-	3,452.38
May	213	NaN	32	-	1,502.35
June	165	NaN	15	-	909.09
July	122	NaN	8	-	655.74
August	122	NaN	22	-	1,803.28
September	155	NaN	19	-	1,225.81
October	350	NaN	41	-	1,171.43
November	927	NaN	107	-	1,154.26
December	634	NaN	77	-	1,214.51
<i>Midwest, 2021</i>					
January	288	NaN	33	-	1,145.83
February	154	NaN	18	-	1,168.83
March	179	NaN	22	-	1,229.05
<i>Northeast, 2020</i>					
April	485	NaN	96	-	1,979.38
May	240	NaN	14	-	583.33
June	165	NaN	4	-	242.42
July	209	NaN	8	-	382.78
August	202	NaN	4	-	198.02
September	171	NaN	4	-	233.92
October	231	NaN	8	-	346.32
November	548	NaN	33	-	602.19
December	723	NaN	54	-	746.89
<i>Northeast, 2021</i>					
January	628	NaN	44	-	700.64
February	390	NaN	34	-	871.79
March	414	NaN	20	-	483.09
<i>South, 2020</i>					
April	101	NaN	25	-	2,475.25
May	110	NaN	17	-	1,545.45
June	246	NaN	37	-	1,504.07
July	452	NaN	63	-	1,393.81
August	214	NaN	27	-	1,261.68
September	179	NaN	16	-	893.85

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
October	245	NaN	30	-	1,224.49
November	552	NaN	64	-	1,159.42
December	972	NaN	124	-	1,275.72
<i>South, 2021</i>					
January	996	NaN	133	-	1,335.34
February	408	NaN	45	-	1,102.94
March	261	NaN	28	-	1,072.80
<i>West, 2020</i>					
April	254	NaN	40	-	1,574.80
May	143	NaN	16	-	1,118.88
June	273	NaN	28	-	1,025.64
July	597	NaN	60	-	1,005.03
August	443	NaN	28	-	632.05
September	330	NaN	19	-	575.76
October	457	NaN	39	-	853.39
November	1,472	NaN	140	-	951.09
December	1,813	NaN	163	-	899.06
<i>West, 2021</i>					
January	1,178	NaN	121	-	1,027.16
February	417	NaN	37	-	887.29
March	342	NaN	23	-	672.51
<i>CB Region (Invalid), 2020</i>					
April	5	NaN	0	-	0
May	1	NaN	0	-	0
June	2	NaN	0	-	0
July	4	NaN	0	-	0
August	3	NaN	0	-	0
September	8	NaN	1	-	1,250.00
October	2	NaN	1	-	5,000.00
November	13	NaN	0	-	0
December	13	NaN	0	-	0
<i>CB Region (Invalid), 2021</i>					
January	6	NaN	0	-	0
February	3	NaN	0	-	0
March	3	NaN	1	-	3,333.33

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Missing), 2020</i>					
April	42	NaN	7	-	1,666.67
May	8	NaN	0	-	0
June	19	NaN	2	-	1,052.63
July	44	NaN	0	-	0
August	50	NaN	1	-	200
September	26	NaN	3	-	1,153.85
October	37	NaN	3	-	810.81
November	127	NaN	7	-	551.18
December	111	NaN	5	-	450.45
<i>CB Region (Missing), 2021</i>					
January	59	NaN	1	-	169.49
February	32	NaN	0	-	0
March	33	NaN	0	-	0
<i>CB Region (Other), 2020</i>					
April	3	NaN	0	-	0
May	1	NaN	0	-	0
June	2	NaN	0	-	0
July	4	NaN	0	-	0
August	4	NaN	0	-	0
September	4	NaN	1	-	2,500.00
October	9	NaN	3	-	3,333.33
November	5	NaN	1	-	2,000.00
December	4	NaN	1	-	2,500.00
<i>CB Region (Other), 2021</i>					
January	1	NaN	0	-	0
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN

Index = COVID+; Outcome = Hospitalized with COVID, Black or African American

Midwest, 2020

April	1,135	NaN	539	-	4,748.90
May	908	NaN	237	-	2,610.13
June	549	NaN	126	-	2,295.08
July	1,038	NaN	223	-	2,148.36
August	772	NaN	157	-	2,033.68

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
September	506	NaN	92	-	1,818.18
October	1,046	NaN	255	-	2,437.86
November	2,468	NaN	560	-	2,269.04
December	2,204	NaN	571	-	2,590.74
<i>Midwest, 2021</i>					
January	1,289	NaN	317	-	2,459.27
February	528	NaN	98	-	1,856.06
March	567	NaN	105	-	1,851.85
<i>Northeast, 2020</i>					
April	1,589	NaN	645	-	4,059.16
May	712	NaN	134	-	1,882.02
June	464	NaN	40	-	862.07
July	570	NaN	39	-	684.21
August	481	NaN	28	-	582.12
September	363	NaN	19	-	523.42
October	474	NaN	52	-	1,097.05
November	1,081	NaN	212	-	1,961.15
December	1,459	NaN	292	-	2,001.37
<i>Northeast, 2021</i>					
January	1,282	NaN	256	-	1,996.88
February	753	NaN	175	-	2,324.04
March	845	NaN	154	-	1,822.49
<i>South, 2020</i>					
April	2,567	NaN	905	-	3,525.52
May	1,511	NaN	449	-	2,971.54
June	2,807	NaN	888	-	3,163.52
July	6,474	NaN	2,157	-	3,331.79
August	3,571	NaN	1,076	-	3,013.16
September	2,072	NaN	561	-	2,707.53
October	2,653	NaN	783	-	2,951.38
November	4,278	NaN	1,254	-	2,931.28
December	7,958	NaN	2,235	-	2,808.49
<i>South, 2021</i>					
January	8,468	NaN	2,323	-	2,743.27
February	3,540	NaN	1,016	-	2,870.06

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
March	2,033	NaN	534	-	2,626.66
<i>West, 2020</i>					
April	323	NaN	84	-	2,600.62
May	145	NaN	24	-	1,655.17
June	242	NaN	34	-	1,404.96
July	554	NaN	85	-	1,534.30
August	305	NaN	40	-	1,311.48
September	198	NaN	15	-	757.58
October	411	NaN	42	-	1,021.90
November	1,012	NaN	136	-	1,343.87
December	1,181	NaN	169	-	1,430.99
<i>West, 2021</i>					
January	823	NaN	111	-	1,348.72
February	319	NaN	55	-	1,724.14
March	270	NaN	30	-	1,111.11
<i>CB Region (Invalid), 2020</i>					
April	4	NaN	0	-	0
May	1	NaN	0	-	0
June	0	NaN	0	-	NaN
July	4	NaN	2	-	5,000.00
August	3	NaN	2	-	6,666.67
September	2	NaN	1	-	5,000.00
October	3	NaN	1	-	3,333.33
November	10	NaN	0	-	0
December	4	NaN	0	-	0
<i>CB Region (Invalid), 2021</i>					
January	5	NaN	0	-	0
February	1	NaN	0	-	0
March	2	NaN	0	-	0
<i>CB Region (Missing), 2020</i>					
April	52	NaN	8	-	1,538.46
May	17	NaN	4	-	2,352.94
June	11	NaN	0	-	0
July	87	NaN	1	-	114.94
August	47	NaN	2	-	425.53

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
September	31	NaN	1	-	322.58
October	26	NaN	0	-	0
November	136	NaN	5	-	367.65
December	130	NaN	6	-	461.54
<i>CB Region (Missing), 2021</i>					
January	62	NaN	3	-	483.87
February	24	NaN	1	-	416.67
March	22	NaN	2	-	909.09
<i>CB Region (Other), 2020</i>					
April	2	NaN	0	-	0
May	0	NaN	0	-	NaN
June	1	NaN	0	-	0
July	2	NaN	0	-	0
August	1	NaN	0	-	0
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	1	NaN	0	-	0
<i>CB Region (Other), 2021</i>					
January	2	NaN	0	-	0
February	0	NaN	0	-	NaN
March	1	NaN	0	-	0
Index = COVID+; Outcome = Hospitalized with COVID, Native Hawaiian or Other Pacific Islander					
<i>Midwest, 2020</i>					
April	25	NaN	13	-	5,200.00
May	29	NaN	12	-	4,137.93
June	24	NaN	7	-	2,916.67
July	36	NaN	11	-	3,055.56
August	26	NaN	7	-	2,692.31
September	42	NaN	5	-	1,190.48
October	65	NaN	15	-	2,307.69
November	179	NaN	51	-	2,849.16
December	153	NaN	45	-	2,941.18
<i>Midwest, 2021</i>					
January	114	NaN	25	-	2,192.98

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
February	35	NaN	10	-	2,857.14
March	28	NaN	7	-	2,500.00
<i>Northeast, 2020</i>					
April	34	NaN	18	-	5,294.12
May	20	NaN	2	-	1,000.00
June	17	NaN	2	-	1,176.47
July	16	NaN	1	-	625
August	15	NaN	0	-	0
September	11	NaN	2	-	1,818.18
October	18	NaN	4	-	2,222.22
November	44	NaN	5	-	1,136.36
December	57	NaN	9	-	1,578.95
<i>Northeast, 2021</i>					
January	71	NaN	11	-	1,549.30
February	30	NaN	8	-	2,666.67
March	27	NaN	6	-	2,222.22
<i>South, 2020</i>					
April	57	NaN	16	-	2,807.02
May	37	NaN	11	-	2,972.97
June	88	NaN	24	-	2,727.27
July	216	NaN	73	-	3,379.63
August	115	NaN	35	-	3,043.48
September	64	NaN	17	-	2,656.25
October	96	NaN	23	-	2,395.83
November	213	NaN	43	-	2,018.78
December	296	NaN	86	-	2,905.41
<i>South, 2021</i>					
January	288	NaN	83	-	2,881.94
February	127	NaN	22	-	1,732.28
March	68	NaN	18	-	2,647.06
<i>West, 2020</i>					
April	51	NaN	9	-	1,764.71
May	42	NaN	10	-	2,380.95
June	83	NaN	19	-	2,289.16
July	165	NaN	28	-	1,696.97

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
August	113	NaN	17	-	1,504.42
September	71	NaN	13	-	1,830.99
October	125	NaN	22	-	1,760.00
November	307	NaN	49	-	1,596.09
December	387	NaN	86	-	2,222.22
<i>West, 2021</i>					
January	328	NaN	68	-	2,073.17
February	105	NaN	10	-	952.38
March	63	NaN	4	-	634.92
<i>CB Region (Invalid), 2020</i>					
April	1	NaN	1	-	10,000.00
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	1	NaN	0	-	0
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	1	NaN	0	-	0
December	1	NaN	0	-	0
<i>CB Region (Invalid), 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Missing), 2020</i>					
April	4	NaN	0	-	0
May	2	NaN	0	-	0
June	10	NaN	0	-	0
July	26	NaN	0	-	0
August	14	NaN	0	-	0
September	12	NaN	0	-	0
October	13	NaN	0	-	0
November	36	NaN	3	-	833.33
December	42	NaN	2	-	476.19
<i>CB Region (Missing), 2021</i>					
January	28	NaN	3	-	1,071.43

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
February	20	NaN	2	-	1,000.00
March	10	NaN	1	-	1,000.00
<i>CB Region (Other), 2020</i>					
April	2	NaN	1	-	5,000.00
May	6	NaN	1	-	1,666.67
June	4	NaN	0	-	0
July	8	NaN	0	-	0
August	9	NaN	0	-	0
September	5	NaN	1	-	2,000.00
October	13	NaN	7	-	5,384.62
November	7	NaN	4	-	5,714.29
December	5	NaN	2	-	4,000.00
<i>CB Region (Other), 2021</i>					
January	2	NaN	0	-	0
February	2	NaN	1	-	5,000.00
March	1	NaN	1	-	10,000.00
Index = COVID+; Outcome = Hospitalized with COVID, White					
<i>Midwest, 2020</i>					
April	2,013	NaN	695	-	3,452.56
May	2,719	NaN	535	-	1,967.64
June	2,259	NaN	300	-	1,328.02
July	3,454	NaN	516	-	1,493.92
August	3,661	NaN	603	-	1,647.09
September	4,910	NaN	804	-	1,637.47
October	11,008	NaN	1,880	-	1,707.85
November	25,194	NaN	4,048	-	1,606.73
December	17,489	NaN	3,059	-	1,749.10
<i>Midwest, 2021</i>					
January	10,552	NaN	1,866	-	1,768.39
February	4,339	NaN	708	-	1,631.71
March	4,831	NaN	547	-	1,132.27
<i>Northeast, 2020</i>					
April	4,076	NaN	1,097	-	2,691.36
May	3,385	NaN	374	-	1,104.87
June	2,488	NaN	145	-	582.8

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
July	2,647	NaN	131	-	494.9
August	2,207	NaN	121	-	548.26
September	2,251	NaN	132	-	586.41
October	3,186	NaN	314	-	985.56
November	7,509	NaN	960	-	1,278.47
December	11,043	NaN	1,582	-	1,432.58
<i>Northeast, 2021</i>					
January	9,191	NaN	1,241	-	1,350.23
February	4,514	NaN	543	-	1,202.92
March	5,175	NaN	498	-	962.32
<i>South, 2020</i>					
April	3,451	NaN	977	-	2,831.06
May	3,390	NaN	617	-	1,820.06
June	6,808	NaN	1,346	-	1,977.09
July	14,562	NaN	3,453	-	2,371.24
August	9,410	NaN	2,258	-	2,399.57
September	7,933	NaN	1,715	-	2,161.86
October	13,055	NaN	2,796	-	2,141.71
November	22,647	NaN	4,864	-	2,147.75
December	37,034	NaN	7,432	-	2,006.80
<i>South, 2021</i>					
January	31,199	NaN	6,238	-	1,999.42
February	11,842	NaN	2,352	-	1,986.15
March	7,263	NaN	1,367	-	1,882.14
<i>West, 2020</i>					
April	1,929	NaN	436	-	2,260.24
May	1,432	NaN	201	-	1,403.63
June	2,539	NaN	309	-	1,217.01
July	5,369	NaN	613	-	1,141.74
August	3,497	NaN	337	-	963.68
September	3,474	NaN	314	-	903.86
October	6,281	NaN	638	-	1,015.76
November	15,718	NaN	1,678	-	1,067.57
December	16,302	NaN	2,122	-	1,301.68
<i>West, 2021</i>					

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
January	11,893	NaN	1,467	-	1,233.50
February	4,671	NaN	550	-	1,177.48
March	3,948	NaN	286	-	724.42
<i>CB Region (Invalid), 2020</i>					
April	8	NaN	3	-	3,750.00
May	7	NaN	1	-	1,428.57
June	18	NaN	3	-	1,666.67
July	28	NaN	6	-	2,142.86
August	20	NaN	2	-	1,000.00
September	20	NaN	4	-	2,000.00
October	40	NaN	6	-	1,500.00
November	75	NaN	8	-	1,066.67
December	110	NaN	10	-	909.09
<i>CB Region (Invalid), 2021</i>					
January	72	NaN	6	-	833.33
February	36	NaN	4	-	1,111.11
March	26	NaN	3	-	1,153.85
<i>CB Region (Missing), 2020</i>					
April	174	NaN	27	-	1,551.72
May	85	NaN	19	-	2,235.29
June	140	NaN	12	-	857.14
July	435	NaN	14	-	321.84
August	281	NaN	7	-	249.11
September	270	NaN	12	-	444.44
October	356	NaN	20	-	561.8
November	919	NaN	35	-	380.85
December	886	NaN	49	-	553.05
<i>CB Region (Missing), 2021</i>					
January	636	NaN	38	-	597.48
February	265	NaN	20	-	754.72
March	277	NaN	12	-	433.21
<i>CB Region (Other), 2020</i>					
April	0	NaN	0	-	NaN
May	1	NaN	0	-	0
June	0	NaN	0	-	NaN

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
July	0	NaN	0	-	NaN
August	1	NaN	0	-	0
September	0	NaN	0	-	NaN
October	1	NaN	0	-	0
November	0	NaN	0	-	NaN
December	1	NaN	0	-	0
<i>CB Region (Other), 2021</i>					
January	1	NaN	1	-	10,000.00
February	1	NaN	0	-	0
March	0	NaN	0	-	NaN
Index = COVID+: Outcome = Hospitalized with Critical COVID					
<i>Midwest, 2020</i>					
April	4,315	NaN	922	-	2,136.73
May	5,504	NaN	562	-	1,021.08
June	4,203	NaN	315	-	749.46
July	8,293	NaN	713	-	859.76
August	8,139	NaN	694	-	852.68
September	10,482	NaN	761	-	726.01
October	21,993	NaN	1,742	-	792.07
November	49,894	NaN	3,662	-	733.96
December	36,255	NaN	2,959	-	816.16
<i>Midwest, 2021</i>					
January	21,782	NaN	1,839	-	844.28
February	9,253	NaN	685	-	740.3
March	9,859	NaN	555	-	562.94
<i>Northeast, 2020</i>					
April	11,784	NaN	1,377	-	1,168.53
May	7,999	NaN	370	-	462.56
June	5,567	NaN	127	-	228.13
July	7,577	NaN	254	-	335.23
August	6,539	NaN	197	-	301.27
September	6,357	NaN	189	-	297.31
October	9,040	NaN	440	-	486.73
November	21,159	NaN	1,324	-	625.74
December	29,877	NaN	1,984	-	664.06

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
<i>Northeast, 2021</i>					
January	24,445	NaN	1,331	-	544.49
February	12,695	NaN	634	-	499.41
March	14,772	NaN	599	-	405.5
<i>South, 2020</i>					
April	8,810	NaN	1,496	-	1,698.07
May	7,658	NaN	862	-	1,125.62
June	19,172	NaN	1,963	-	1,023.89
July	41,574	NaN	4,947	-	1,189.93
August	23,569	NaN	2,834	-	1,202.43
September	18,174	NaN	1,927	-	1,060.31
October	28,288	NaN	2,876	-	1,016.69
November	50,040	NaN	4,878	-	974.82
December	82,271	NaN	7,551	-	917.82
<i>South, 2021</i>					
January	74,616	NaN	6,565	-	879.84
February	29,366	NaN	2,828	-	963.02
March	18,952	NaN	1,632	-	861.12
<i>West, 2020</i>					
April	3,984	NaN	477	-	1,197.29
May	3,221	NaN	238	-	738.9
June	6,520	NaN	428	-	656.44
July	13,541	NaN	824	-	608.52
August	8,454	NaN	414	-	489.71
September	7,496	NaN	310	-	413.55
October	13,475	NaN	618	-	458.63
November	32,601	NaN	1,581	-	484.95
December	36,973	NaN	2,215	-	599.09
<i>West, 2021</i>					
January	26,558	NaN	1,533	-	577.23
February	9,689	NaN	511	-	527.4
March	7,476	NaN	263	-	351.79
<i>CB Region (Invalid), 2020</i>					
April	33	NaN	3	-	909.09
May	30	NaN	2	-	666.67

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
June	50	NaN	2	-	400
July	90	NaN	2	-	222.22
August	69	NaN	3	-	434.78
September	74	NaN	4	-	540.54
October	112	NaN	9	-	803.57
November	182	NaN	5	-	274.73
December	235	NaN	11	-	468.09
<i>CB Region (Invalid), 2021</i>					
January	175	NaN	6	-	342.86
February	103	NaN	2	-	194.17
March	94	NaN	3	-	319.15
<i>CB Region (Missing), 2020</i>					
April	340	NaN	39	-	1,147.06
May	173	NaN	15	-	867.05
June	274	NaN	9	-	328.47
July	796	NaN	12	-	150.75
August	535	NaN	9	-	168.22
September	454	NaN	9	-	198.24
October	599	NaN	18	-	300.5
November	1,688	NaN	43	-	254.74
December	1,618	NaN	43	-	265.76
<i>CB Region (Missing), 2021</i>					
January	1,123	NaN	38	-	338.38
February	472	NaN	17	-	360.17
March	480	NaN	9	-	187.5
<i>CB Region (Other), 2020</i>					
April	19	NaN	1	-	526.32
May	44	NaN	2	-	454.55
June	37	NaN	0	-	0
July	59	NaN	4	-	677.97
August	89	NaN	13	-	1,460.67
September	40	NaN	8	-	2,000.00
October	115	NaN	17	-	1,478.26
November	76	NaN	12	-	1,578.95
December	36	NaN	7	-	1,944.44

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Other), 2021</i>					
January	22	NaN	3	-	1,363.64
February	6	NaN	1	-	1,666.67
March	3	NaN	2	-	6,666.67
Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, Overall Race					
<i>Midwest, 2020</i>					
April	1,390	NaN	848	-	6,100.72
May	998	NaN	553	-	5,541.08
June	506	NaN	302	-	5,968.38
July	1,085	NaN	662	-	6,101.38
August	1,192	NaN	642	-	5,385.91
September	1,367	NaN	716	-	5,237.75
October	3,071	NaN	1,613	-	5,252.36
November	7,183	NaN	3,576	-	4,978.42
December	6,051	NaN	3,100	-	5,123.12
<i>Midwest, 2021</i>					
January	3,809	NaN	1,999	-	5,248.10
February	1,485	NaN	779	-	5,245.79
March	1,219	NaN	619	-	5,077.93
<i>Northeast, 2020</i>					
April	2,511	NaN	1,286	-	5,121.47
May	725	NaN	391	-	5,393.10
June	257	NaN	116	-	4,513.62
July	332	NaN	200	-	6,024.10
August	311	NaN	182	-	5,852.09
September	282	NaN	173	-	6,134.75
October	628	NaN	389	-	6,194.27
November	2,130	NaN	1,246	-	5,849.77
December	3,745	NaN	1,997	-	5,332.44
<i>Northeast, 2021</i>					
January	2,951	NaN	1,474	-	4,994.92
February	1,458	NaN	705	-	4,835.39
March	1,445	NaN	667	-	4,615.92
<i>South, 2020</i>					
April	2,145	NaN	1,354	-	6,312.35

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
May	1,314	NaN	821	-	6,248.10
June	2,539	NaN	1,658	-	6,530.13
July	7,846	NaN	4,772	-	6,082.08
August	4,866	NaN	2,967	-	6,097.41
September	3,091	NaN	1,840	-	5,952.77
October	4,679	NaN	2,746	-	5,868.78
November	8,113	NaN	4,635	-	5,713.05
December	13,269	NaN	7,405	-	5,580.68
<i>South, 2021</i>					
January	12,967	NaN	7,062	-	5,446.13
February	5,614	NaN	3,241	-	5,773.07
March	3,263	NaN	1,858	-	5,694.15
<i>West, 2020</i>					
April	773	NaN	442	-	5,717.98
May	396	NaN	230	-	5,808.08
June	564	NaN	374	-	6,631.21
July	1,268	NaN	804	-	6,340.69
August	742	NaN	434	-	5,849.06
September	534	NaN	290	-	5,430.71
October	1,026	NaN	551	-	5,370.37
November	2,873	NaN	1,518	-	5,283.68
December	3,922	NaN	2,221	-	5,662.93
<i>West, 2021</i>					
January	2,974	NaN	1,654	-	5,561.53
February	1,143	NaN	585	-	5,118.11
March	613	NaN	309	-	5,040.78
<i>CB Region (Invalid), 2020</i>					
April	4	NaN	3	-	7,500.00
May	2	NaN	2	-	10,000.00
June	3	NaN	2	-	6,666.67
July	9	NaN	2	-	2,222.22
August	9	NaN	3	-	3,333.33
September	6	NaN	3	-	5,000.00
October	13	NaN	9	-	6,923.08
November	16	NaN	6	-	3,750.00

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
December	16	NaN	11	-	6,875.00
<i>CB Region (Invalid), 2021</i>					
January	12	NaN	6	-	5,000.00
February	8	NaN	2	-	2,500.00
March	6	NaN	3	-	5,000.00
<i>CB Region (Missing), 2020</i>					
April	50	NaN	39	-	7,800.00
May	24	NaN	13	-	5,416.67
June	18	NaN	8	-	4,444.44
July	20	NaN	10	-	5,000.00
August	15	NaN	7	-	4,666.67
September	14	NaN	7	-	5,000.00
October	29	NaN	16	-	5,517.24
November	68	NaN	45	-	6,617.65
December	92	NaN	40	-	4,347.83
<i>CB Region (Missing), 2021</i>					
January	76	NaN	44	-	5,789.47
February	36	NaN	21	-	5,833.33
March	26	NaN	11	-	4,230.77
<i>CB Region (Other), 2020</i>					
April	3	NaN	1	-	3,333.33
May	2	NaN	1	-	5,000.00
June	0	NaN	0	-	NaN
July	3	NaN	3	-	10,000.00
August	15	NaN	12	-	8,000.00
September	11	NaN	10	-	9,090.91
October	31	NaN	16	-	5,161.29
November	23	NaN	13	-	5,652.17
December	10	NaN	8	-	8,000.00
<i>CB Region (Other), 2021</i>					
January	3	NaN	3	-	10,000.00
February	1	NaN	1	-	10,000.00
March	2	NaN	2	-	10,000.00

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
Index = Hospitalized with COVID; Outcome = Hospitalized with Critical COVID, Unknown Race					
<i>Midwest, 2020</i>					
April	226	NaN	144	-	6,371.68
May	199	NaN	112	-	5,628.14
June	93	NaN	58	-	6,236.56
July	376	NaN	247	-	6,569.15
August	425	NaN	212	-	4,988.24
September	515	NaN	295	-	5,728.16
October	1,077	NaN	567	-	5,264.62
November	2,469	NaN	1,228	-	4,973.67
December	2,081	NaN	1,068	-	5,132.15
<i>Midwest, 2021</i>					
January	1,324	NaN	717	-	5,415.41
February	541	NaN	316	-	5,841.04
March	449	NaN	232	-	5,167.04
<i>Northeast, 2020</i>					
April	776	NaN	372	-	4,793.81
May	203	NaN	98	-	4,827.59
June	74	NaN	27	-	3,648.65
July	184	NaN	113	-	6,141.30
August	160	NaN	93	-	5,812.50
September	144	NaN	81	-	5,625.00
October	309	NaN	192	-	6,213.59
November	1,014	NaN	586	-	5,779.09
December	1,783	NaN	954	-	5,350.53
<i>Northeast, 2021</i>					
January	1,272	NaN	642	-	5,047.17
February	594	NaN	295	-	4,966.33
March	673	NaN	317	-	4,710.25
<i>South, 2020</i>					
April	411	NaN	238	-	5,790.75
May	286	NaN	179	-	6,258.74
June	605	NaN	385	-	6,363.64
July	2,299	NaN	1,385	-	6,024.36
August	1,341	NaN	809	-	6,032.81

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
September	869	NaN	513	-	5,903.34
October	1,242	NaN	708	-	5,700.48
November	2,145	NaN	1,173	-	5,468.53
December	3,517	NaN	1,940	-	5,516.06
<i>South, 2021</i>					
January	3,499	NaN	1,880	-	5,372.96
February	1,602	NaN	920	-	5,742.82
March	1,038	NaN	584	-	5,626.20
<i>West, 2020</i>					
April	238	NaN	138	-	5,798.32
May	143	NaN	89	-	6,223.78
June	229	NaN	148	-	6,462.88
July	487	NaN	308	-	6,324.44
August	296	NaN	177	-	5,979.73
September	205	NaN	116	-	5,658.54
October	353	NaN	194	-	5,495.75
November	923	NaN	527	-	5,709.64
December	1,312	NaN	745	-	5,678.35
<i>West, 2021</i>					
January	1,006	NaN	562	-	5,586.48
February	380	NaN	190	-	5,000.00
March	207	NaN	108	-	5,217.39
<i>CB Region (Invalid), 2020</i>					
April	1	NaN	1	-	10,000.00
May	1	NaN	1	-	10,000.00
June	1	NaN	0	-	0
July	3	NaN	2	-	6,666.67
August	4	NaN	1	-	2,500.00
September	2	NaN	0	-	0
October	4	NaN	3	-	7,500.00
November	6	NaN	3	-	5,000.00
December	6	NaN	2	-	3,333.33
<i>CB Region (Invalid), 2021</i>					
January	4	NaN	1	-	2,500.00
February	4	NaN	1	-	2,500.00

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
March	2	NaN	0	-	0
<i>CB Region (Missing), 2020</i>					
April	8	NaN	5	-	6,250.00
May	2	NaN	0	-	0
June	6	NaN	1	-	1,666.67
July	8	NaN	2	-	2,500.00
August	3	NaN	2	-	6,666.67
September	3	NaN	1	-	3,333.33
October	6	NaN	3	-	5,000.00
November	18	NaN	11	-	6,111.11
December	32	NaN	14	-	4,375.00
<i>CB Region (Missing), 2021</i>					
January	19	NaN	10	-	5,263.16
February	9	NaN	6	-	6,666.67
March	8	NaN	4	-	5,000.00
<i>CB Region (Other), 2020</i>					
April	2	NaN	1	-	5,000.00
May	1	NaN	0	-	0
June	0	NaN	0	-	NaN
July	3	NaN	3	-	10,000.00
August	15	NaN	12	-	8,000.00
September	9	NaN	8	-	8,888.89
October	21	NaN	10	-	4,761.90
November	18	NaN	8	-	4,444.44
December	7	NaN	5	-	7,142.86
<i>CB Region (Other), 2021</i>					
January	2	NaN	2	-	10,000.00
February	0	NaN	0	-	NaN
March	1	NaN	1	-	10,000.00
Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, Known Race					
<i>Midwest, 2020</i>					
April	1,164	NaN	704	-	6,048.11
May	799	NaN	441	-	5,519.40
June	413	NaN	244	-	5,907.99
July	709	NaN	415	-	5,853.31

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
August	767	NaN	430	-	5,606.26
September	852	NaN	421	-	4,941.31
October	1,994	NaN	1,046	-	5,245.74
November	4,714	NaN	2,348	-	4,980.91
December	3,970	NaN	2,032	-	5,118.39
<i>Midwest, 2021</i>					
January	2,485	NaN	1,282	-	5,158.95
February	944	NaN	463	-	4,904.66
March	770	NaN	387	-	5,025.97
<i>Northeast, 2020</i>					
April	1,735	NaN	914	-	5,268.01
May	522	NaN	293	-	5,613.03
June	183	NaN	89	-	4,863.39
July	148	NaN	87	-	5,878.38
August	151	NaN	89	-	5,894.04
September	138	NaN	92	-	6,666.67
October	319	NaN	197	-	6,175.55
November	1,116	NaN	660	-	5,913.98
December	1,962	NaN	1,043	-	5,316.00
<i>Northeast, 2021</i>					
January	1,679	NaN	832	-	4,955.33
February	864	NaN	410	-	4,745.37
March	772	NaN	350	-	4,533.68
<i>South, 2020</i>					
April	1,734	NaN	1,116	-	6,435.99
May	1,028	NaN	642	-	6,245.14
June	1,934	NaN	1,273	-	6,582.21
July	5,547	NaN	3,387	-	6,106.00
August	3,525	NaN	2,158	-	6,121.99
September	2,222	NaN	1,327	-	5,972.10
October	3,437	NaN	2,038	-	5,929.59
November	5,968	NaN	3,462	-	5,800.94
December	9,752	NaN	5,465	-	5,603.98
<i>South, 2021</i>					
January	9,468	NaN	5,182	-	5,473.17

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
February	4,012	NaN	2,321	-	5,785.14
March	2,225	NaN	1,274	-	5,725.84
<i>West, 2020</i>					
April	535	NaN	304	-	5,682.24
May	253	NaN	141	-	5,573.12
June	335	NaN	226	-	6,746.27
July	781	NaN	496	-	6,350.83
August	446	NaN	257	-	5,762.33
September	329	NaN	174	-	5,288.75
October	673	NaN	357	-	5,304.61
November	1,950	NaN	991	-	5,082.05
December	2,610	NaN	1,476	-	5,655.17
<i>West, 2021</i>					
January	1,968	NaN	1,092	-	5,548.78
February	763	NaN	395	-	5,176.93
March	406	NaN	201	-	4,950.74
<i>CB Region (Invalid), 2020</i>					
April	3	NaN	2	-	6,666.67
May	1	NaN	1	-	10,000.00
June	2	NaN	2	-	10,000.00
July	6	NaN	0	-	0
August	5	NaN	2	-	4,000.00
September	4	NaN	3	-	7,500.00
October	9	NaN	6	-	6,666.67
November	10	NaN	3	-	3,000.00
December	10	NaN	9	-	9,000.00
<i>CB Region (Invalid), 2021</i>					
January	8	NaN	5	-	6,250.00
February	4	NaN	1	-	2,500.00
March	4	NaN	3	-	7,500.00
<i>CB Region (Missing), 2020</i>					
April	42	NaN	34	-	8,095.24
May	22	NaN	13	-	5,909.09
June	12	NaN	7	-	5,833.33
July	12	NaN	8	-	6,666.67

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
August	12	NaN	5	-	4,166.67
September	11	NaN	6	-	5,454.55
October	23	NaN	13	-	5,652.17
November	50	NaN	34	-	6,800.00
December	60	NaN	26	-	4,333.33
<i>CB Region (Missing), 2021</i>					
January	57	NaN	34	-	5,964.91
February	27	NaN	15	-	5,555.56
March	18	NaN	7	-	3,888.89
<i>CB Region (Other), 2020</i>					
April	1	NaN	0	-	0
May	1	NaN	1	-	10,000.00
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	2	NaN	2	-	10,000.00
October	10	NaN	6	-	6,000.00
November	5	NaN	5	-	10,000.00
December	3	NaN	3	-	10,000.00
<i>CB Region (Other), 2021</i>					
January	1	NaN	1	-	10,000.00
February	1	NaN	1	-	10,000.00
March	1	NaN	1	-	10,000.00

Index = Hospitalized with COVID; Outcome = Hospitalized with Critical COVID, American Indian or Alaska Native

Midwest, 2020

April	4	NaN	4	-	10,000.00
May	10	NaN	4	-	4,000.00
June	4	NaN	4	-	10,000.00
July	2	NaN	0	-	0
August	6	NaN	4	-	6,666.67
September	4	NaN	0	-	0
October	14	NaN	6	-	4,285.71
November	25	NaN	12	-	4,800.00
December	20	NaN	9	-	4,500.00

Midwest, 2021

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
January	13	NaN	4	-	3,076.92
February	1	NaN	0	-	0
March	6	NaN	2	-	3,333.33
<i>Northeast, 2020</i>					
April	3	NaN	1	-	3,333.33
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	1	NaN	1	-	10,000.00
September	0	NaN	0	-	NaN
October	1	NaN	1	-	10,000.00
November	1	NaN	0	-	0
December	1	NaN	0	-	0
<i>Northeast, 2021</i>					
January	3	NaN	2	-	6,666.67
February	1	NaN	0	-	0
March	3	NaN	2	-	6,666.67
<i>South, 2020</i>					
April	10	NaN	7	-	7,000.00
May	2	NaN	2	-	10,000.00
June	5	NaN	4	-	8,000.00
July	16	NaN	9	-	5,625.00
August	11	NaN	6	-	5,454.55
September	9	NaN	6	-	6,666.67
October	15	NaN	8	-	5,333.33
November	18	NaN	10	-	5,555.56
December	41	NaN	24	-	5,853.66
<i>South, 2021</i>					
January	53	NaN	32	-	6,037.74
February	11	NaN	5	-	4,545.45
March	5	NaN	4	-	8,000.00
<i>West, 2020</i>					
April	10	NaN	6	-	6,000.00
May	11	NaN	6	-	5,454.55
June	6	NaN	3	-	5,000.00

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
July	16	NaN	11	-	6,875.00
August	7	NaN	4	-	5,714.29
September	7	NaN	4	-	5,714.29
October	16	NaN	8	-	5,000.00
November	46	NaN	23	-	5,000.00
December	48	NaN	27	-	5,625.00
<i>West, 2021</i>					
January	36	NaN	14	-	3,888.89
February	16	NaN	4	-	2,500.00
March	5	NaN	2	-	4,000.00
<i>CB Region (Invalid), 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Invalid), 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Missing), 2020</i>					
April	1	NaN	0	-	0
May	0	NaN	0	-	NaN
June	1	NaN	1	-	10,000.00
July	0	NaN	0	-	NaN
August	3	NaN	1	-	3,333.33
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	1	NaN	1	-	10,000.00
<i>CB Region (Missing), 2021</i>					

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
January	2	NaN	0	-	0
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN

Index = Hospitalized with COVID; Outcome = Hospitalized with Critical COVID, Asian

Midwest, 2020

April	25	NaN	14	-	5,600.00
May	31	NaN	15	-	4,838.71
June	14	NaN	7	-	5,000.00
July	6	NaN	1	-	1,666.67
August	19	NaN	5	-	2,631.58
September	23	NaN	11	-	4,782.61
October	32	NaN	16	-	5,000.00
November	110	NaN	46	-	4,181.82
December	77	NaN	35	-	4,545.45

Midwest, 2021

January	38	NaN	17	-	4,473.68
February	20	NaN	11	-	5,500.00
March	28	NaN	14	-	5,000.00

Northeast, 2020

April	92	NaN	45	-	4,891.30
May	13	NaN	9	-	6,923.08

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
June	6	NaN	2	-	3,333.33
July	5	NaN	3	-	6,000.00
August	1	NaN	0	-	0
September	4	NaN	2	-	5,000.00
October	3	NaN	2	-	6,666.67
November	34	NaN	20	-	5,882.35
December	49	NaN	21	-	4,285.71
<i>Northeast, 2021</i>					
January	53	NaN	24	-	4,528.30
February	38	NaN	12	-	3,157.89
March	25	NaN	12	-	4,800.00
<i>South, 2020</i>					
April	22	NaN	15	-	6,818.18
May	16	NaN	13	-	8,125.00
June	35	NaN	28	-	8,000.00
July	62	NaN	46	-	7,419.35
August	27	NaN	19	-	7,037.04
September	16	NaN	13	-	8,125.00
October	30	NaN	17	-	5,666.67
November	60	NaN	39	-	6,500.00
December	116	NaN	69	-	5,948.28
<i>South, 2021</i>					
January	139	NaN	85	-	6,115.11
February	57	NaN	35	-	6,140.35
March	29	NaN	15	-	5,172.41
<i>West, 2020</i>					
April	37	NaN	22	-	5,945.95
May	17	NaN	8	-	4,705.88
June	22	NaN	14	-	6,363.64
July	56	NaN	30	-	5,357.14
August	31	NaN	19	-	6,129.03
September	16	NaN	9	-	5,625.00
October	36	NaN	22	-	6,111.11
November	129	NaN	59	-	4,573.64
December	172	NaN	102	-	5,930.23

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
<i>West, 2021</i>					
January	132	NaN	76	-	5,757.58
February	40	NaN	25	-	6,250.00
March	26	NaN	15	-	5,769.23
<i>CB Region (Invalid), 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	1	NaN	1	-	10,000.00
October	1	NaN	0	-	0
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Invalid), 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	1	NaN	1	-	10,000.00
<i>CB Region (Missing), 2020</i>					
April	6	NaN	6	-	10,000.00
May	1	NaN	0	-	0
June	2	NaN	1	-	5,000.00
July	0	NaN	0	-	NaN
August	1	NaN	1	-	10,000.00
September	2	NaN	0	-	0
October	1	NaN	1	-	10,000.00
November	8	NaN	5	-	6,250.00
December	6	NaN	2	-	3,333.33
<i>CB Region (Missing), 2021</i>					
January	2	NaN	1	-	5,000.00
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	1	NaN	1	-	10,000.00
October	3	NaN	2	-	6,666.67
November	1	NaN	1	-	10,000.00
December	1	NaN	1	-	10,000.00
<i>CB Region (Other), 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
Index = Hospitalized with COVID; Outcome = Hospitalized with Critical COVID, Black or African American					
<i>Midwest, 2020</i>					
April	514	NaN	320	-	6,225.68
May	233	NaN	146	-	6,266.09
June	119	NaN	80	-	6,722.69
July	224	NaN	133	-	5,937.50
August	151	NaN	95	-	6,291.39
September	96	NaN	53	-	5,520.83
October	232	NaN	142	-	6,120.69
November	551	NaN	303	-	5,499.09
December	595	NaN	334	-	5,613.45
<i>Midwest, 2021</i>					
January	334	NaN	196	-	5,868.26
February	123	NaN	55	-	4,471.54
March	108	NaN	53	-	4,907.41
<i>Northeast, 2020</i>					
April	619	NaN	321	-	5,185.78
May	134	NaN	64	-	4,776.12
June	46	NaN	26	-	5,652.17
July	37	NaN	17	-	4,594.59
August	30	NaN	13	-	4,333.33
September	14	NaN	10	-	7,142.86
October	48	NaN	25	-	5,208.33
November	203	NaN	129	-	6,354.68

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
December	294	NaN	161	-	5,476.19
<i>Northeast, 2021</i>					
January	266	NaN	127	-	4,774.44
February	186	NaN	90	-	4,838.71
March	169	NaN	70	-	4,142.01
<i>South, 2020</i>					
April	833	NaN	546	-	6,554.62
May	428	NaN	275	-	6,425.23
June	787	NaN	497	-	6,315.12
July	2,102	NaN	1,255	-	5,970.50
August	1,133	NaN	671	-	5,922.33
September	553	NaN	322	-	5,822.78
October	764	NaN	462	-	6,047.12
November	1,230	NaN	719	-	5,845.53
December	2,182	NaN	1,253	-	5,742.44
<i>South, 2021</i>					
January	2,419	NaN	1,337	-	5,527.08
February	1,145	NaN	653	-	5,703.06
March	605	NaN	361	-	5,966.94
<i>West, 2020</i>					
April	81	NaN	46	-	5,679.01
May	21	NaN	15	-	7,142.86
June	29	NaN	19	-	6,551.72
July	75	NaN	45	-	6,000.00
August	47	NaN	25	-	5,319.15
September	12	NaN	11	-	9,166.67
October	38	NaN	16	-	4,210.53
November	134	NaN	55	-	4,104.48
December	172	NaN	98	-	5,697.67
<i>West, 2021</i>					
January	121	NaN	64	-	5,289.26
February	62	NaN	32	-	5,161.29
March	33	NaN	15	-	4,545.45
<i>CB Region (Invalid), 2020</i>					
April	0	NaN	0	-	NaN

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	2	NaN	0	-	0
August	2	NaN	1	-	5,000.00
September	1	NaN	0	-	0
October	1	NaN	1	-	10,000.00
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Invalid), 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Missing), 2020</i>					
April	8	NaN	7	-	8,750.00
May	4	NaN	2	-	5,000.00
June	0	NaN	0	-	NaN
July	1	NaN	0	-	0
August	2	NaN	1	-	5,000.00
September	0	NaN	0	-	NaN
October	1	NaN	0	-	0
November	4	NaN	4	-	10,000.00
December	6	NaN	5	-	8,333.33
<i>CB Region (Missing), 2021</i>					
January	3	NaN	2	-	6,666.67
February	2	NaN	2	-	10,000.00
March	2	NaN	0	-	0
<i>CB Region (Other), 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
December	0	NaN	0	-	NaN
<i>CB Region (Other), 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, Native Hawaiian or Other Pacific Islander					
<i>Midwest, 2020</i>					
April	11	NaN	8	-	7,272.73
May	12	NaN	4	-	3,333.33
June	7	NaN	5	-	7,142.86
July	9	NaN	6	-	6,666.67
August	7	NaN	4	-	5,714.29
September	5	NaN	4	-	8,000.00
October	12	NaN	6	-	5,000.00
November	52	NaN	23	-	4,423.08
December	49	NaN	26	-	5,306.12
<i>Midwest, 2021</i>					
January	26	NaN	17	-	6,538.46
February	11	NaN	6	-	5,454.55
March	7	NaN	4	-	5,714.29
<i>Northeast, 2020</i>					
April	15	NaN	8	-	5,333.33
May	3	NaN	1	-	3,333.33
June	2	NaN	0	-	0
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	2	NaN	2	-	10,000.00
October	4	NaN	1	-	2,500.00
November	4	NaN	2	-	5,000.00
December	10	NaN	4	-	4,000.00
<i>Northeast, 2021</i>					
January	14	NaN	8	-	5,714.29
February	8	NaN	5	-	6,250.00
March	6	NaN	0	-	0
<i>South, 2020</i>					

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
April	12	NaN	10	-	8,333.33
May	13	NaN	8	-	6,153.85
June	19	NaN	9	-	4,736.84
July	75	NaN	55	-	7,333.33
August	38	NaN	22	-	5,789.47
September	18	NaN	12	-	6,666.67
October	20	NaN	13	-	6,500.00
November	38	NaN	25	-	6,578.95
December	79	NaN	49	-	6,202.53
<i>South, 2021</i>					
January	92	NaN	53	-	5,760.87
February	26	NaN	13	-	5,000.00
March	21	NaN	13	-	6,190.48
<i>West, 2020</i>					
April	7	NaN	5	-	7,142.86
May	10	NaN	2	-	2,000.00
June	17	NaN	10	-	5,882.35
July	28	NaN	17	-	6,071.43
August	21	NaN	15	-	7,142.86
September	11	NaN	4	-	3,636.36
October	18	NaN	12	-	6,666.67
November	47	NaN	34	-	7,234.04
December	83	NaN	43	-	5,180.72
<i>West, 2021</i>					
January	75	NaN	49	-	6,533.33
February	14	NaN	8	-	5,714.29
March	4	NaN	1	-	2,500.00
<i>CB Region (Invalid), 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
November	1	NaN	0	-	0
December	0	NaN	0	-	NaN
<i>CB Region (Invalid), 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Missing), 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	3	NaN	2	-	6,666.67
December	1	NaN	1	-	10,000.00
<i>CB Region (Missing), 2021</i>					
January	4	NaN	2	-	5,000.00
February	2	NaN	2	-	10,000.00
March	1	NaN	1	-	10,000.00
<i>CB Region (Other), 2020</i>					
April	1	NaN	0	-	0
May	1	NaN	1	-	10,000.00
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	1	NaN	1	-	10,000.00
October	7	NaN	4	-	5,714.29
November	4	NaN	4	-	10,000.00
December	2	NaN	2	-	10,000.00
<i>CB Region (Other), 2021</i>					
January	0	NaN	0	-	NaN
February	1	NaN	1	-	10,000.00
March	1	NaN	1	-	10,000.00

Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, White

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
<i>Midwest, 2020</i>					
April	610	NaN	358	-	5,868.85
May	513	NaN	272	-	5,302.14
June	269	NaN	148	-	5,501.86
July	468	NaN	275	-	5,876.07
August	584	NaN	322	-	5,513.70
September	724	NaN	353	-	4,875.69
October	1,704	NaN	876	-	5,140.85
November	3,976	NaN	1,964	-	4,939.64
December	3,229	NaN	1,628	-	5,041.81
<i>Midwest, 2021</i>					
January	2,074	NaN	1,048	-	5,053.04
February	789	NaN	391	-	4,955.64
March	621	NaN	314	-	5,056.36
<i>Northeast, 2020</i>					
April	1,006	NaN	539	-	5,357.85
May	372	NaN	219	-	5,887.10
June	129	NaN	61	-	4,728.68
July	106	NaN	67	-	6,320.75
August	119	NaN	75	-	6,302.52
September	118	NaN	78	-	6,610.17
October	263	NaN	168	-	6,387.83
November	874	NaN	509	-	5,823.80
December	1,608	NaN	857	-	5,329.60
<i>Northeast, 2021</i>					
January	1,343	NaN	671	-	4,996.28
February	631	NaN	303	-	4,801.90
March	569	NaN	266	-	4,674.87
<i>South, 2020</i>					
April	857	NaN	538	-	6,277.71
May	569	NaN	344	-	6,045.69
June	1,088	NaN	735	-	6,755.51
July	3,292	NaN	2,022	-	6,142.16
August	2,316	NaN	1,440	-	6,217.62
September	1,626	NaN	974	-	5,990.16

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
October	2,608	NaN	1,538	-	5,897.24
November	4,622	NaN	2,669	-	5,774.56
December	7,334	NaN	4,070	-	5,549.50
<i>South, 2021</i>					
January	6,765	NaN	3,675	-	5,432.37
February	2,773	NaN	1,615	-	5,824.02
March	1,565	NaN	881	-	5,629.39
<i>West, 2020</i>					
April	400	NaN	225	-	5,625.00
May	194	NaN	110	-	5,670.10
June	261	NaN	180	-	6,896.55
July	606	NaN	393	-	6,485.15
August	340	NaN	194	-	5,705.88
September	283	NaN	146	-	5,159.01
October	565	NaN	299	-	5,292.04
November	1,594	NaN	820	-	5,144.29
December	2,135	NaN	1,206	-	5,648.71
<i>West, 2021</i>					
January	1,604	NaN	889	-	5,542.39
February	631	NaN	326	-	5,166.40
March	338	NaN	168	-	4,970.41
<i>CB Region (Invalid), 2020</i>					
April	3	NaN	2	-	6,666.67
May	1	NaN	1	-	10,000.00
June	2	NaN	2	-	10,000.00
July	4	NaN	0	-	0
August	3	NaN	1	-	3,333.33
September	2	NaN	2	-	10,000.00
October	7	NaN	5	-	7,142.86
November	9	NaN	3	-	3,333.33
December	10	NaN	9	-	9,000.00
<i>CB Region (Invalid), 2021</i>					
January	8	NaN	5	-	6,250.00
February	4	NaN	1	-	2,500.00
March	3	NaN	2	-	6,666.67

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Missing), 2020</i>					
April	27	NaN	21	-	7,777.78
May	17	NaN	11	-	6,470.59
June	9	NaN	5	-	5,555.56
July	11	NaN	8	-	7,272.73
August	6	NaN	2	-	3,333.33
September	9	NaN	6	-	6,666.67
October	21	NaN	12	-	5,714.29
November	35	NaN	23	-	6,571.43
December	46	NaN	17	-	3,695.65
<i>CB Region (Missing), 2021</i>					
January	46	NaN	29	-	6,304.35
February	23	NaN	11	-	4,782.61
March	15	NaN	6	-	4,000.00
<i>CB Region (Other), 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), 2021</i>					
January	1	NaN	1	-	10,000.00
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN

Index = Hospitalized with Critical COVID: Outcome = None, Overall Race

Midwest, 2020

April	836	NaN	N/A	-	N/A
May	555	NaN	N/A	-	N/A
June	299	NaN	N/A	-	N/A
July	652	NaN	N/A	-	N/A
August	643	NaN	N/A	-	N/A

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
September	713	NaN	N/A	-	N/A
October	1,571	NaN	N/A	-	N/A
November	3,508	NaN	N/A	-	N/A
December	3,145	NaN	N/A	-	N/A
<i>Midwest, 2021</i>					
January	2,035	NaN	N/A	-	N/A
February	815	NaN	N/A	-	N/A
March	637	NaN	N/A	-	N/A
<i>Northeast, 2020</i>					
April	1,254	NaN	N/A	-	N/A
May	404	NaN	N/A	-	N/A
June	116	NaN	N/A	-	N/A
July	200	NaN	N/A	-	N/A
August	182	NaN	N/A	-	N/A
September	180	NaN	N/A	-	N/A
October	382	NaN	N/A	-	N/A
November	1,225	NaN	N/A	-	N/A
December	1,992	NaN	N/A	-	N/A
<i>Northeast, 2021</i>					
January	1,472	NaN	N/A	-	N/A
February	725	NaN	N/A	-	N/A
March	694	NaN	N/A	-	N/A
<i>South, 2020</i>					
April	1,334	NaN	N/A	-	N/A
May	817	NaN	N/A	-	N/A
June	1,627	NaN	N/A	-	N/A
July	4,700	NaN	N/A	-	N/A
August	3,001	NaN	N/A	-	N/A
September	1,856	NaN	N/A	-	N/A
October	2,724	NaN	N/A	-	N/A
November	4,590	NaN	N/A	-	N/A
December	7,326	NaN	N/A	-	N/A
<i>South, 2021</i>					
January	7,105	NaN	N/A	-	N/A
February	3,302	NaN	N/A	-	N/A

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
March	1,977	NaN	N/A	-	N/A
<i>West, 2020</i>					
April	436	NaN	N/A	-	N/A
May	231	NaN	N/A	-	N/A
June	369	NaN	N/A	-	N/A
July	802	NaN	N/A	-	N/A
August	437	NaN	N/A	-	N/A
September	295	NaN	N/A	-	N/A
October	535	NaN	N/A	-	N/A
November	1,492	NaN	N/A	-	N/A
December	2,215	NaN	N/A	-	N/A
<i>West, 2021</i>					
January	1,673	NaN	N/A	-	N/A
February	598	NaN	N/A	-	N/A
March	329	NaN	N/A	-	N/A
<i>CB Region (Invalid), 2020</i>					
April	3	NaN	N/A	-	N/A
May	2	NaN	N/A	-	N/A
June	2	NaN	N/A	-	N/A
July	2	NaN	N/A	-	N/A
August	3	NaN	N/A	-	N/A
September	3	NaN	N/A	-	N/A
October	9	NaN	N/A	-	N/A
November	6	NaN	N/A	-	N/A
December	10	NaN	N/A	-	N/A
<i>CB Region (Invalid), 2021</i>					
January	7	NaN	N/A	-	N/A
February	2	NaN	N/A	-	N/A
March	3	NaN	N/A	-	N/A
<i>CB Region (Missing), 2020</i>					
April	39	NaN	N/A	-	N/A
May	13	NaN	N/A	-	N/A
June	8	NaN	N/A	-	N/A
July	10	NaN	N/A	-	N/A
August	7	NaN	N/A	-	N/A

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
September	7	NaN	N/A	-	N/A
October	16	NaN	N/A	-	N/A
November	45	NaN	N/A	-	N/A
December	40	NaN	N/A	-	N/A
<i>CB Region (Missing), 2021</i>					
January	43	NaN	N/A	-	N/A
February	22	NaN	N/A	-	N/A
March	11	NaN	N/A	-	N/A
<i>CB Region (Other), 2020</i>					
April	1	NaN	N/A	-	N/A
May	1	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	3	NaN	N/A	-	N/A
August	12	NaN	N/A	-	N/A
September	10	NaN	N/A	-	N/A
October	16	NaN	N/A	-	N/A
November	13	NaN	N/A	-	N/A
December	8	NaN	N/A	-	N/A
<i>CB Region (Other), 2021</i>					
January	3	NaN	N/A	-	N/A
February	1	NaN	N/A	-	N/A
March	2	NaN	N/A	-	N/A

Index = Hospitalized with Critical COVID: Outcome = None, Unknown Race

<i>Midwest, 2020</i>					
April	142	NaN	N/A	-	N/A
May	113	NaN	N/A	-	N/A
June	57	NaN	N/A	-	N/A
July	246	NaN	N/A	-	N/A
August	209	NaN	N/A	-	N/A
September	296	NaN	N/A	-	N/A
October	544	NaN	N/A	-	N/A
November	1,207	NaN	N/A	-	N/A
December	1,082	NaN	N/A	-	N/A
<i>Midwest, 2021</i>					
January	729	NaN	N/A	-	N/A

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
February	331	NaN	N/A	-	N/A
March	240	NaN	N/A	-	N/A
<i>Northeast, 2020</i>					
April	364	NaN	N/A	-	N/A
May	103	NaN	N/A	-	N/A
June	26	NaN	N/A	-	N/A
July	111	NaN	N/A	-	N/A
August	92	NaN	N/A	-	N/A
September	86	NaN	N/A	-	N/A
October	186	NaN	N/A	-	N/A
November	575	NaN	N/A	-	N/A
December	952	NaN	N/A	-	N/A
<i>Northeast, 2021</i>					
January	650	NaN	N/A	-	N/A
February	294	NaN	N/A	-	N/A
March	331	NaN	N/A	-	N/A
<i>South, 2020</i>					
April	237	NaN	N/A	-	N/A
May	178	NaN	N/A	-	N/A
June	382	NaN	N/A	-	N/A
July	1,364	NaN	N/A	-	N/A
August	810	NaN	N/A	-	N/A
September	517	NaN	N/A	-	N/A
October	714	NaN	N/A	-	N/A
November	1,160	NaN	N/A	-	N/A
December	1,901	NaN	N/A	-	N/A
<i>South, 2021</i>					
January	1,896	NaN	N/A	-	N/A
February	939	NaN	N/A	-	N/A
March	616	NaN	N/A	-	N/A
<i>West, 2020</i>					
April	136	NaN	N/A	-	N/A
May	90	NaN	N/A	-	N/A
June	147	NaN	N/A	-	N/A
July	307	NaN	N/A	-	N/A

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
August	178	NaN	N/A	-	N/A
September	117	NaN	N/A	-	N/A
October	190	NaN	N/A	-	N/A
November	518	NaN	N/A	-	N/A
December	740	NaN	N/A	-	N/A
<i>West, 2021</i>					
January	570	NaN	N/A	-	N/A
February	195	NaN	N/A	-	N/A
March	114	NaN	N/A	-	N/A
<i>CB Region (Invalid), 2020</i>					
April	1	NaN	N/A	-	N/A
May	1	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	2	NaN	N/A	-	N/A
August	1	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	3	NaN	N/A	-	N/A
November	3	NaN	N/A	-	N/A
December	2	NaN	N/A	-	N/A
<i>CB Region (Invalid), 2021</i>					
January	1	NaN	N/A	-	N/A
February	1	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Missing), 2020</i>					
April	5	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	1	NaN	N/A	-	N/A
July	2	NaN	N/A	-	N/A
August	2	NaN	N/A	-	N/A
September	1	NaN	N/A	-	N/A
October	3	NaN	N/A	-	N/A
November	11	NaN	N/A	-	N/A
December	14	NaN	N/A	-	N/A
<i>CB Region (Missing), 2021</i>					
January	9	NaN	N/A	-	N/A

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
February	7	NaN	N/A	-	N/A
March	4	NaN	N/A	-	N/A
<i>CB Region (Other), 2020</i>					
April	1	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	3	NaN	N/A	-	N/A
August	12	NaN	N/A	-	N/A
September	8	NaN	N/A	-	N/A
October	10	NaN	N/A	-	N/A
November	8	NaN	N/A	-	N/A
December	5	NaN	N/A	-	N/A
<i>CB Region (Other), 2021</i>					
January	2	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	1	NaN	N/A	-	N/A

Index = Hospitalized with Critical COVID: Outcome = None, Known Race

<i>Midwest, 2020</i>					
April	694	NaN	N/A	-	N/A
May	442	NaN	N/A	-	N/A
June	242	NaN	N/A	-	N/A
July	406	NaN	N/A	-	N/A
August	434	NaN	N/A	-	N/A
September	417	NaN	N/A	-	N/A
October	1,027	NaN	N/A	-	N/A
November	2,301	NaN	N/A	-	N/A
December	2,063	NaN	N/A	-	N/A
<i>Midwest, 2021</i>					
January	1,306	NaN	N/A	-	N/A
February	484	NaN	N/A	-	N/A
March	397	NaN	N/A	-	N/A
<i>Northeast, 2020</i>					
April	890	NaN	N/A	-	N/A
May	301	NaN	N/A	-	N/A
June	90	NaN	N/A	-	N/A

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
July	89	NaN	N/A	-	N/A
August	90	NaN	N/A	-	N/A
September	94	NaN	N/A	-	N/A
October	196	NaN	N/A	-	N/A
November	650	NaN	N/A	-	N/A
December	1,040	NaN	N/A	-	N/A
<i>Northeast, 2021</i>					
January	822	NaN	N/A	-	N/A
February	431	NaN	N/A	-	N/A
March	363	NaN	N/A	-	N/A
<i>South, 2020</i>					
April	1,097	NaN	N/A	-	N/A
May	639	NaN	N/A	-	N/A
June	1,245	NaN	N/A	-	N/A
July	3,336	NaN	N/A	-	N/A
August	2,191	NaN	N/A	-	N/A
September	1,339	NaN	N/A	-	N/A
October	2,010	NaN	N/A	-	N/A
November	3,430	NaN	N/A	-	N/A
December	5,425	NaN	N/A	-	N/A
<i>South, 2021</i>					
January	5,209	NaN	N/A	-	N/A
February	2,363	NaN	N/A	-	N/A
March	1,361	NaN	N/A	-	N/A
<i>West, 2020</i>					
April	300	NaN	N/A	-	N/A
May	141	NaN	N/A	-	N/A
June	222	NaN	N/A	-	N/A
July	495	NaN	N/A	-	N/A
August	259	NaN	N/A	-	N/A
September	178	NaN	N/A	-	N/A
October	345	NaN	N/A	-	N/A
November	974	NaN	N/A	-	N/A
December	1,475	NaN	N/A	-	N/A
<i>West, 2021</i>					

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
January	1,103	NaN	N/A	-	N/A
February	403	NaN	N/A	-	N/A
March	215	NaN	N/A	-	N/A
<i>CB Region (Invalid), 2020</i>					
April	2	NaN	N/A	-	N/A
May	1	NaN	N/A	-	N/A
June	2	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	2	NaN	N/A	-	N/A
September	3	NaN	N/A	-	N/A
October	6	NaN	N/A	-	N/A
November	3	NaN	N/A	-	N/A
December	8	NaN	N/A	-	N/A
<i>CB Region (Invalid), 2021</i>					
January	6	NaN	N/A	-	N/A
February	1	NaN	N/A	-	N/A
March	3	NaN	N/A	-	N/A
<i>CB Region (Missing), 2020</i>					
April	34	NaN	N/A	-	N/A
May	13	NaN	N/A	-	N/A
June	7	NaN	N/A	-	N/A
July	8	NaN	N/A	-	N/A
August	5	NaN	N/A	-	N/A
September	6	NaN	N/A	-	N/A
October	13	NaN	N/A	-	N/A
November	34	NaN	N/A	-	N/A
December	26	NaN	N/A	-	N/A
<i>CB Region (Missing), 2021</i>					
January	34	NaN	N/A	-	N/A
February	15	NaN	N/A	-	N/A
March	7	NaN	N/A	-	N/A
<i>CB Region (Other), 2020</i>					
April	0	NaN	N/A	-	N/A
May	1	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	2	NaN	N/A	-	N/A
October	6	NaN	N/A	-	N/A
November	5	NaN	N/A	-	N/A
December	3	NaN	N/A	-	N/A
<i>CB Region (Other), 2021</i>					
January	1	NaN	N/A	-	N/A
February	1	NaN	N/A	-	N/A
March	1	NaN	N/A	-	N/A
Index = Hospitalized with Critical COVID: Outcome = None, American Indian or Alaska Native					
<i>Midwest, 2020</i>					
April	4	NaN	N/A	-	N/A
May	4	NaN	N/A	-	N/A
June	4	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	4	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	6	NaN	N/A	-	N/A
November	12	NaN	N/A	-	N/A
December	9	NaN	N/A	-	N/A
<i>Midwest, 2021</i>					
January	4	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	2	NaN	N/A	-	N/A
<i>Northeast, 2020</i>					
April	1	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	1	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	1	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
<i>Northeast, 2021</i>					
January	2	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	2	NaN	N/A	-	N/A
<i>South, 2020</i>					
April	7	NaN	N/A	-	N/A
May	2	NaN	N/A	-	N/A
June	4	NaN	N/A	-	N/A
July	9	NaN	N/A	-	N/A
August	5	NaN	N/A	-	N/A
September	7	NaN	N/A	-	N/A
October	8	NaN	N/A	-	N/A
November	9	NaN	N/A	-	N/A
December	25	NaN	N/A	-	N/A
<i>South, 2021</i>					
January	30	NaN	N/A	-	N/A
February	7	NaN	N/A	-	N/A
March	4	NaN	N/A	-	N/A
<i>West, 2020</i>					
April	6	NaN	N/A	-	N/A
May	6	NaN	N/A	-	N/A
June	3	NaN	N/A	-	N/A
July	11	NaN	N/A	-	N/A
August	3	NaN	N/A	-	N/A
September	5	NaN	N/A	-	N/A
October	6	NaN	N/A	-	N/A
November	23	NaN	N/A	-	N/A
December	27	NaN	N/A	-	N/A
<i>West, 2021</i>					
January	16	NaN	N/A	-	N/A
February	4	NaN	N/A	-	N/A
March	2	NaN	N/A	-	N/A
<i>CB Region (Invalid), 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Missing), 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	1	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	1	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	1	NaN	N/A	-	N/A
<i>CB Region (Missing), 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Other), 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Other), 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
Index = Hospitalized with Critical COVID: Outcome = None, Asian					
<i>Midwest, 2020</i>					
April	14	NaN	N/A	-	N/A
May	15	NaN	N/A	-	N/A
June	7	NaN	N/A	-	N/A
July	1	NaN	N/A	-	N/A
August	5	NaN	N/A	-	N/A
September	11	NaN	N/A	-	N/A
October	16	NaN	N/A	-	N/A
November	46	NaN	N/A	-	N/A
December	34	NaN	N/A	-	N/A
<i>Midwest, 2021</i>					
January	18	NaN	N/A	-	N/A
February	11	NaN	N/A	-	N/A
March	14	NaN	N/A	-	N/A
<i>Northeast, 2020</i>					
April	44	NaN	N/A	-	N/A
May	10	NaN	N/A	-	N/A
June	2	NaN	N/A	-	N/A
July	3	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	2	NaN	N/A	-	N/A
October	2	NaN	N/A	-	N/A
November	20	NaN	N/A	-	N/A
December	21	NaN	N/A	-	N/A
<i>Northeast, 2021</i>					
January	24	NaN	N/A	-	N/A
February	12	NaN	N/A	-	N/A
March	12	NaN	N/A	-	N/A
<i>South, 2020</i>					
April	15	NaN	N/A	-	N/A

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
May	13	NaN	N/A	-	N/A
June	28	NaN	N/A	-	N/A
July	45	NaN	N/A	-	N/A
August	20	NaN	N/A	-	N/A
September	12	NaN	N/A	-	N/A
October	18	NaN	N/A	-	N/A
November	39	NaN	N/A	-	N/A
December	67	NaN	N/A	-	N/A
<i>South, 2021</i>					
January	85	NaN	N/A	-	N/A
February	36	NaN	N/A	-	N/A
March	16	NaN	N/A	-	N/A
<i>West, 2020</i>					
April	22	NaN	N/A	-	N/A
May	8	NaN	N/A	-	N/A
June	14	NaN	N/A	-	N/A
July	30	NaN	N/A	-	N/A
August	19	NaN	N/A	-	N/A
September	9	NaN	N/A	-	N/A
October	22	NaN	N/A	-	N/A
November	57	NaN	N/A	-	N/A
December	104	NaN	N/A	-	N/A
<i>West, 2021</i>					
January	76	NaN	N/A	-	N/A
February	25	NaN	N/A	-	N/A
March	15	NaN	N/A	-	N/A
<i>CB Region (Invalid), 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	1	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
December	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	1	NaN	N/A	-	N/A
<i>CB Region (Missing), 2020</i>					
April	6	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	1	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	1	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	1	NaN	N/A	-	N/A
November	5	NaN	N/A	-	N/A
December	2	NaN	N/A	-	N/A
<i>CB Region (Missing), 2021</i>					
January	1	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Other), 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	1	NaN	N/A	-	N/A
October	2	NaN	N/A	-	N/A
November	1	NaN	N/A	-	N/A
December	1	NaN	N/A	-	N/A
<i>CB Region (Other), 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A

Index = Hospitalized with Critical COVID: Outcome = None, Black or African American

Midwest, 2020

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
April	315	NaN	N/A	-	N/A
May	147	NaN	N/A	-	N/A
June	80	NaN	N/A	-	N/A
July	133	NaN	N/A	-	N/A
August	95	NaN	N/A	-	N/A
September	55	NaN	N/A	-	N/A
October	140	NaN	N/A	-	N/A
November	296	NaN	N/A	-	N/A
December	334	NaN	N/A	-	N/A
<i>Midwest, 2021</i>					
January	201	NaN	N/A	-	N/A
February	60	NaN	N/A	-	N/A
March	54	NaN	N/A	-	N/A
<i>Northeast, 2020</i>					
April	314	NaN	N/A	-	N/A
May	68	NaN	N/A	-	N/A
June	24	NaN	N/A	-	N/A
July	18	NaN	N/A	-	N/A
August	13	NaN	N/A	-	N/A
September	12	NaN	N/A	-	N/A
October	25	NaN	N/A	-	N/A
November	126	NaN	N/A	-	N/A
December	164	NaN	N/A	-	N/A
<i>Northeast, 2021</i>					
January	121	NaN	N/A	-	N/A
February	93	NaN	N/A	-	N/A
March	75	NaN	N/A	-	N/A
<i>South, 2020</i>					
April	539	NaN	N/A	-	N/A
May	274	NaN	N/A	-	N/A
June	485	NaN	N/A	-	N/A
July	1,241	NaN	N/A	-	N/A
August	687	NaN	N/A	-	N/A
September	322	NaN	N/A	-	N/A
October	462	NaN	N/A	-	N/A

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
November	707	NaN	N/A	-	N/A
December	1,247	NaN	N/A	-	N/A
<i>South, 2021</i>					
January	1,337	NaN	N/A	-	N/A
February	674	NaN	N/A	-	N/A
March	376	NaN	N/A	-	N/A
<i>West, 2020</i>					
April	45	NaN	N/A	-	N/A
May	14	NaN	N/A	-	N/A
June	19	NaN	N/A	-	N/A
July	45	NaN	N/A	-	N/A
August	27	NaN	N/A	-	N/A
September	11	NaN	N/A	-	N/A
October	16	NaN	N/A	-	N/A
November	54	NaN	N/A	-	N/A
December	98	NaN	N/A	-	N/A
<i>West, 2021</i>					
January	64	NaN	N/A	-	N/A
February	30	NaN	N/A	-	N/A
March	18	NaN	N/A	-	N/A
<i>CB Region (Invalid), 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	1	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	1	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Missing), 2020</i>					

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
April	7	NaN	N/A	-	N/A
May	2	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	1	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	4	NaN	N/A	-	N/A
December	5	NaN	N/A	-	N/A
<i>CB Region (Missing), 2021</i>					
January	2	NaN	N/A	-	N/A
February	2	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Other), 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Other), 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A

Index = Hospitalized with Critical COVID: Outcome = None, Native Hawaiian or Other Pacific Islander

Midwest, 2020

April	8	NaN	N/A	-	N/A
May	4	NaN	N/A	-	N/A
June	5	NaN	N/A	-	N/A
July	6	NaN	N/A	-	N/A
August	4	NaN	N/A	-	N/A
September	4	NaN	N/A	-	N/A

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
October	6	NaN	N/A	-	N/A
November	23	NaN	N/A	-	N/A
December	26	NaN	N/A	-	N/A
<i>Midwest, 2021</i>					
January	17	NaN	N/A	-	N/A
February	6	NaN	N/A	-	N/A
March	4	NaN	N/A	-	N/A
<i>Northeast, 2020</i>					
April	8	NaN	N/A	-	N/A
May	1	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	2	NaN	N/A	-	N/A
October	1	NaN	N/A	-	N/A
November	2	NaN	N/A	-	N/A
December	4	NaN	N/A	-	N/A
<i>Northeast, 2021</i>					
January	8	NaN	N/A	-	N/A
February	5	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>South, 2020</i>					
April	10	NaN	N/A	-	N/A
May	8	NaN	N/A	-	N/A
June	8	NaN	N/A	-	N/A
July	55	NaN	N/A	-	N/A
August	21	NaN	N/A	-	N/A
September	14	NaN	N/A	-	N/A
October	12	NaN	N/A	-	N/A
November	25	NaN	N/A	-	N/A
December	49	NaN	N/A	-	N/A
<i>South, 2021</i>					
January	53	NaN	N/A	-	N/A
February	13	NaN	N/A	-	N/A
March	14	NaN	N/A	-	N/A

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
<i>West, 2020</i>					
April	5	NaN	N/A	-	N/A
May	2	NaN	N/A	-	N/A
June	10	NaN	N/A	-	N/A
July	17	NaN	N/A	-	N/A
August	15	NaN	N/A	-	N/A
September	4	NaN	N/A	-	N/A
October	12	NaN	N/A	-	N/A
November	33	NaN	N/A	-	N/A
December	44	NaN	N/A	-	N/A
<i>West, 2021</i>					
January	48	NaN	N/A	-	N/A
February	8	NaN	N/A	-	N/A
March	2	NaN	N/A	-	N/A
<i>CB Region (Invalid), 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Missing), 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
October	0	NaN	N/A	-	N/A
November	2	NaN	N/A	-	N/A
December	1	NaN	N/A	-	N/A
<i>CB Region (Missing), 2021</i>					
January	2	NaN	N/A	-	N/A
February	2	NaN	N/A	-	N/A
March	1	NaN	N/A	-	N/A
<i>CB Region (Other), 2020</i>					
April	0	NaN	N/A	-	N/A
May	1	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	1	NaN	N/A	-	N/A
October	4	NaN	N/A	-	N/A
November	4	NaN	N/A	-	N/A
December	2	NaN	N/A	-	N/A
<i>CB Region (Other), 2021</i>					
January	0	NaN	N/A	-	N/A
February	1	NaN	N/A	-	N/A
March	1	NaN	N/A	-	N/A

Index = Hospitalized with Critical COVID: Outcome = None, White

Midwest, 2020

April	353	NaN	N/A	-	N/A
May	272	NaN	N/A	-	N/A
June	146	NaN	N/A	-	N/A
July	266	NaN	N/A	-	N/A
August	326	NaN	N/A	-	N/A
September	347	NaN	N/A	-	N/A
October	859	NaN	N/A	-	N/A
November	1,924	NaN	N/A	-	N/A
December	1,660	NaN	N/A	-	N/A

Midwest, 2021

January	1,066	NaN	N/A	-	N/A
February	407	NaN	N/A	-	N/A

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
March	323	NaN	N/A	-	N/A
<i>Northeast, 2020</i>					
April	523	NaN	N/A	-	N/A
May	222	NaN	N/A	-	N/A
June	64	NaN	N/A	-	N/A
July	68	NaN	N/A	-	N/A
August	76	NaN	N/A	-	N/A
September	78	NaN	N/A	-	N/A
October	167	NaN	N/A	-	N/A
November	502	NaN	N/A	-	N/A
December	851	NaN	N/A	-	N/A
<i>Northeast, 2021</i>					
January	667	NaN	N/A	-	N/A
February	321	NaN	N/A	-	N/A
March	274	NaN	N/A	-	N/A
<i>South, 2020</i>					
April	526	NaN	N/A	-	N/A
May	342	NaN	N/A	-	N/A
June	720	NaN	N/A	-	N/A
July	1,986	NaN	N/A	-	N/A
August	1,458	NaN	N/A	-	N/A
September	984	NaN	N/A	-	N/A
October	1,510	NaN	N/A	-	N/A
November	2,650	NaN	N/A	-	N/A
December	4,037	NaN	N/A	-	N/A
<i>South, 2021</i>					
January	3,704	NaN	N/A	-	N/A
February	1,633	NaN	N/A	-	N/A
March	951	NaN	N/A	-	N/A
<i>West, 2020</i>					
April	222	NaN	N/A	-	N/A
May	111	NaN	N/A	-	N/A
June	176	NaN	N/A	-	N/A
July	392	NaN	N/A	-	N/A
August	195	NaN	N/A	-	N/A

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
September	149	NaN	N/A	-	N/A
October	289	NaN	N/A	-	N/A
November	807	NaN	N/A	-	N/A
December	1,202	NaN	N/A	-	N/A
<i>West, 2021</i>					
January	899	NaN	N/A	-	N/A
February	336	NaN	N/A	-	N/A
March	178	NaN	N/A	-	N/A
<i>CB Region (Invalid), 2020</i>					
April	2	NaN	N/A	-	N/A
May	1	NaN	N/A	-	N/A
June	2	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	1	NaN	N/A	-	N/A
September	2	NaN	N/A	-	N/A
October	5	NaN	N/A	-	N/A
November	3	NaN	N/A	-	N/A
December	8	NaN	N/A	-	N/A
<i>CB Region (Invalid), 2021</i>					
January	6	NaN	N/A	-	N/A
February	1	NaN	N/A	-	N/A
March	2	NaN	N/A	-	N/A
<i>CB Region (Missing), 2020</i>					
April	21	NaN	N/A	-	N/A
May	11	NaN	N/A	-	N/A
June	5	NaN	N/A	-	N/A
July	8	NaN	N/A	-	N/A
August	2	NaN	N/A	-	N/A
September	6	NaN	N/A	-	N/A
October	12	NaN	N/A	-	N/A
November	23	NaN	N/A	-	N/A
December	17	NaN	N/A	-	N/A
<i>CB Region (Missing), 2021</i>					
January	29	NaN	N/A	-	N/A
February	11	NaN	N/A	-	N/A

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
March	6	NaN	N/A	-	N/A
<i>CB Region (Other), 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Other), 2021</i>					
January	1	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
Index = COVID+; Outcome = Death					
<i>Midwest, 2020</i>					
April	4,315	NaN	548	-	1,269.99
May	5,504	NaN	343	-	623.18
June	4,203	NaN	163	-	387.82
July	8,293	NaN	219	-	264.08
August	8,139	NaN	238	-	292.42
September	10,482	NaN	304	-	290.02
October	21,993	NaN	543	-	246.9
November	49,894	NaN	1,314	-	263.36
December	36,255	NaN	1,036	-	285.75
<i>Midwest, 2021</i>					
January	21,782	NaN	568	-	260.77
February	9,253	NaN	188	-	203.18
March	9,859	NaN	62	-	62.89
<i>Northeast, 2020</i>					
April	11,784	NaN	829	-	703.5
May	7,999	NaN	170	-	212.53
June	5,567	NaN	62	-	111.37
July	7,577	NaN	101	-	133.3

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
August	6,539	NaN	69	-	105.52
September	6,357	NaN	62	-	97.53
October	9,040	NaN	114	-	126.11
November	21,159	NaN	428	-	202.28
December	29,877	NaN	650	-	217.56
<i>Northeast, 2021</i>					
January	24,445	NaN	469	-	191.86
February	12,695	NaN	198	-	155.97
March	14,772	NaN	78	-	52.8
<i>South, 2020</i>					
April	8,810	NaN	707	-	802.5
May	7,658	NaN	367	-	479.24
June	19,172	NaN	555	-	289.48
July	41,574	NaN	1,643	-	395.2
August	23,569	NaN	946	-	401.37
September	18,174	NaN	572	-	314.74
October	28,288	NaN	822	-	290.58
November	50,040	NaN	1,436	-	286.97
December	82,271	NaN	2,438	-	296.34
<i>South, 2021</i>					
January	74,616	NaN	2,089	-	279.97
February	29,366	NaN	729	-	248.25
March	18,952	NaN	223	-	117.67
<i>West, 2020</i>					
April	3,984	NaN	268	-	672.69
May	3,221	NaN	130	-	403.6
June	6,520	NaN	138	-	211.66
July	13,541	NaN	243	-	179.45
August	8,454	NaN	144	-	170.33
September	7,496	NaN	98	-	130.74
October	13,475	NaN	211	-	156.59
November	32,601	NaN	569	-	174.53
December	36,973	NaN	769	-	207.99
<i>West, 2021</i>					
January	26,558	NaN	508	-	191.28

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
February	9,689	NaN	153	-	157.91
March	7,476	NaN	44	-	58.86
<i>CB Region (Invalid), 2020</i>					
April	33	NaN	1	-	303.03
May	30	NaN	1	-	333.33
June	50	NaN	1	-	200
July	90	NaN	1	-	111.11
August	69	NaN	1	-	144.93
September	74	NaN	2	-	270.27
October	112	NaN	2	-	178.57
November	182	NaN	1	-	54.95
December	235	NaN	4	-	170.21
<i>CB Region (Invalid), 2021</i>					
January	175	NaN	4	-	228.57
February	103	NaN	0	-	0
March	94	NaN	1	-	106.38
<i>CB Region (Missing), 2020</i>					
April	340	NaN	14	-	411.76
May	173	NaN	5	-	289.02
June	274	NaN	3	-	109.49
July	796	NaN	2	-	25.13
August	535	NaN	2	-	37.38
September	454	NaN	5	-	110.13
October	599	NaN	6	-	100.17
November	1,688	NaN	9	-	53.32
December	1,618	NaN	10	-	61.8
<i>CB Region (Missing), 2021</i>					
January	1,123	NaN	7	-	62.33
February	472	NaN	3	-	63.56
March	480	NaN	0	-	0
<i>CB Region (Other), 2020</i>					
April	19	NaN	0	-	0
May	44	NaN	1	-	227.27
June	37	NaN	0	-	0
July	59	NaN	1	-	169.49

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
August	89	NaN	1	-	112.36
September	40	NaN	1	-	250
October	115	NaN	0	-	0
November	76	NaN	3	-	394.74
December	36	NaN	1	-	277.78
<i>CB Region (Other), 2021</i>					
January	22	NaN	0	-	0
February	6	NaN	0	-	0
March	3	NaN	0	-	0

Index = Hospitalized with COVID: Outcome = Death

Midwest, 2020

April	1,390	NaN	332	-	2,388.49
May	998	NaN	213	-	2,134.27
June	506	NaN	72	-	1,422.92
July	1,085	NaN	160	-	1,474.65
August	1,192	NaN	159	-	1,333.89
September	1,367	NaN	232	-	1,697.15
October	3,071	NaN	430	-	1,400.20
November	7,183	NaN	1,132	-	1,575.94
December	6,051	NaN	969	-	1,601.39

Midwest, 2021

January	3,809	NaN	533	-	1,399.32
February	1,485	NaN	198	-	1,333.33
March	1,219	NaN	64	-	525.02

Northeast, 2020

April	2,511	NaN	698	-	2,779.77
May	725	NaN	137	-	1,889.66
June	257	NaN	36	-	1,400.78
July	332	NaN	57	-	1,716.87
August	311	NaN	46	-	1,479.10
September	282	NaN	47	-	1,666.67
October	628	NaN	87	-	1,385.35
November	2,130	NaN	375	-	1,760.56
December	3,745	NaN	591	-	1,578.10

Northeast, 2021

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
January	2,951	NaN	461	-	1,562.18
February	1,458	NaN	225	-	1,543.21
March	1,445	NaN	84	-	581.31
<i>South, 2020</i>					
April	2,145	NaN	431	-	2,009.32
May	1,314	NaN	252	-	1,917.81
June	2,539	NaN	404	-	1,591.18
July	7,846	NaN	1,384	-	1,763.96
August	4,866	NaN	827	-	1,699.55
September	3,091	NaN	467	-	1,510.84
October	4,679	NaN	689	-	1,472.54
November	8,113	NaN	1,256	-	1,548.13
December	13,269	NaN	2,174	-	1,638.41
<i>South, 2021</i>					
January	12,967	NaN	2,099	-	1,618.72
February	5,614	NaN	764	-	1,360.88
March	3,263	NaN	214	-	655.84
<i>West, 2020</i>					
April	773	NaN	163	-	2,108.67
May	396	NaN	88	-	2,222.22
June	564	NaN	92	-	1,631.21
July	1,268	NaN	190	-	1,498.42
August	742	NaN	116	-	1,563.34
September	534	NaN	68	-	1,273.41
October	1,026	NaN	150	-	1,461.99
November	2,873	NaN	466	-	1,622.00
December	3,922	NaN	685	-	1,746.56
<i>West, 2021</i>					
January	2,974	NaN	485	-	1,630.80
February	1,143	NaN	141	-	1,233.60
March	613	NaN	38	-	619.9
<i>CB Region (Invalid), 2020</i>					
April	4	NaN	0	-	0
May	2	NaN	1	-	5,000.00
June	3	NaN	1	-	3,333.33

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
July	9	NaN	0	-	0
August	9	NaN	1	-	1,111.11
September	6	NaN	1	-	1,666.67
October	13	NaN	2	-	1,538.46
November	16	NaN	2	-	1,250.00
December	16	NaN	4	-	2,500.00
<i>CB Region (Invalid), 2021</i>					
January	12	NaN	4	-	3,333.33
February	8	NaN	0	-	0
March	6	NaN	1	-	1,666.67
<i>CB Region (Missing), 2020</i>					
April	50	NaN	12	-	2,400.00
May	24	NaN	5	-	2,083.33
June	18	NaN	0	-	0
July	20	NaN	1	-	500
August	15	NaN	0	-	0
September	14	NaN	1	-	714.29
October	29	NaN	5	-	1,724.14
November	68	NaN	7	-	1,029.41
December	92	NaN	10	-	1,086.96
<i>CB Region (Missing), 2021</i>					
January	76	NaN	5	-	657.89
February	36	NaN	4	-	1,111.11
March	26	NaN	0	-	0
<i>CB Region (Other), 2020</i>					
April	3	NaN	0	-	0
May	2	NaN	0	-	0
June	0	NaN	0	-	NaN
July	3	NaN	1	-	3,333.33
August	15	NaN	0	-	0
September	11	NaN	2	-	1,818.18
October	31	NaN	0	-	0
November	23	NaN	2	-	869.57
December	10	NaN	1	-	1,000.00

Table 12. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Year, and Month¹

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ²	Number of Patients with Subsequent Outcome Event	Eligible Members ²	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Other), 2021</i>					
January	3	NaN	0	-	0
February	1	NaN	0	-	0
March	2	NaN	0	-	0

¹See Appendix B for a list of states and territories included in each Census Bureau region.

²Eligible Members are reflective of the number of patients that met all cohort entry criteria on at least one day during the query period.

³Data presented by a dash, asterisk, or period represent missing information. Data represented by NaN (Not a Number) is due to their inability to be calculated. This table may not use all data representations.

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
Index = Evidence of PCR Test for SARS COV2: Outcome = None					
<i>Midwest, American Indian or Alaska Native, 2020</i>					
April	29	NaN	N/A ⁴	-	N/A
May	119	NaN	N/A	-	N/A
June	133	NaN	N/A	-	N/A
July	141	NaN	N/A	-	N/A
August	121	NaN	N/A	-	N/A
September	96	NaN	N/A	-	N/A
October	184	NaN	N/A	-	N/A
November	234	NaN	N/A	-	N/A
December	126	NaN	N/A	-	N/A
<i>Midwest, American Indian or Alaska Native, 2021</i>					
January	111	NaN	N/A	-	N/A
February	69	NaN	N/A	-	N/A
March	106	NaN	N/A	-	N/A
<i>Midwest, Asian, 2020</i>					
April	193	NaN	N/A	-	N/A
May	662	NaN	N/A	-	N/A
June	1,030	NaN	N/A	-	N/A
July	916	NaN	N/A	-	N/A
August	712	NaN	N/A	-	N/A
September	780	NaN	N/A	-	N/A
October	1,087	NaN	N/A	-	N/A
November	1,641	NaN	N/A	-	N/A
December	1,025	NaN	N/A	-	N/A
<i>Midwest, Asian, 2021</i>					
January	576	NaN	N/A	-	N/A
February	468	NaN	N/A	-	N/A
March	579	NaN	N/A	-	N/A
<i>Midwest, Black or African American, 2020</i>					
April	943	NaN	N/A	-	N/A
May	2,068	NaN	N/A	-	N/A
June	2,713	NaN	N/A	-	N/A
July	3,403	NaN	N/A	-	N/A
August	2,560	NaN	N/A	-	N/A

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
September	2,266	NaN	N/A	-	N/A
October	2,863	NaN	N/A	-	N/A
November	3,671	NaN	N/A	-	N/A
December	2,932	NaN	N/A	-	N/A
<i>Midwest, Black or African American, 2021</i>					
January	1,864	NaN	N/A	-	N/A
February	1,386	NaN	N/A	-	N/A
March	1,759	NaN	N/A	-	N/A
<i>Midwest, Native Hawaiian or Other Pacific Islander, 2020</i>					
April	53	NaN	N/A	-	N/A
May	114	NaN	N/A	-	N/A
June	151	NaN	N/A	-	N/A
July	216	NaN	N/A	-	N/A
August	173	NaN	N/A	-	N/A
September	150	NaN	N/A	-	N/A
October	187	NaN	N/A	-	N/A
November	237	NaN	N/A	-	N/A
December	192	NaN	N/A	-	N/A
<i>Midwest, Native Hawaiian or Other Pacific Islander, 2021</i>					
January	141	NaN	N/A	-	N/A
February	68	NaN	N/A	-	N/A
March	90	NaN	N/A	-	N/A
<i>Midwest, Unknown, 2020</i>					
April	1,333	NaN	N/A	-	N/A
May	3,390	NaN	N/A	-	N/A
June	6,115	NaN	N/A	-	N/A
July	13,465	NaN	N/A	-	N/A
August	10,674	NaN	N/A	-	N/A
September	10,326	NaN	N/A	-	N/A
October	13,858	NaN	N/A	-	N/A
November	18,537	NaN	N/A	-	N/A
December	13,539	NaN	N/A	-	N/A
<i>Midwest, Unknown, 2021</i>					
January	8,038	NaN	N/A	-	N/A
February	4,646	NaN	N/A	-	N/A

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
March	4,872	NaN	N/A	-	N/A
<i>Midwest, White, 2020</i>					
April	4,123	NaN	N/A	-	N/A
May	11,821	NaN	N/A	-	N/A
June	18,028	NaN	N/A	-	N/A
July	22,274	NaN	N/A	-	N/A
August	16,524	NaN	N/A	-	N/A
September	16,440	NaN	N/A	-	N/A
October	22,400	NaN	N/A	-	N/A
November	28,790	NaN	N/A	-	N/A
December	18,780	NaN	N/A	-	N/A
<i>Midwest, White, 2021</i>					
January	12,848	NaN	N/A	-	N/A
February	8,790	NaN	N/A	-	N/A
March	9,637	NaN	N/A	-	N/A
<i>Northeast, American Indian or Alaska Native, 2020</i>					
April	24	NaN	N/A	-	N/A
May	23	NaN	N/A	-	N/A
June	47	NaN	N/A	-	N/A
July	63	NaN	N/A	-	N/A
August	54	NaN	N/A	-	N/A
September	52	NaN	N/A	-	N/A
October	52	NaN	N/A	-	N/A
November	68	NaN	N/A	-	N/A
December	61	NaN	N/A	-	N/A
<i>Northeast, American Indian or Alaska Native, 2021</i>					
January	50	NaN	N/A	-	N/A
February	18	NaN	N/A	-	N/A
March	28	NaN	N/A	-	N/A
<i>Northeast, Asian, 2020</i>					
April	405	NaN	N/A	-	N/A
May	666	NaN	N/A	-	N/A
June	1,451	NaN	N/A	-	N/A
July	1,656	NaN	N/A	-	N/A
August	1,643	NaN	N/A	-	N/A

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
September	1,543	NaN	N/A	-	N/A
October	1,644	NaN	N/A	-	N/A
November	1,911	NaN	N/A	-	N/A
December	1,690	NaN	N/A	-	N/A
<i>Northeast, Asian, 2021</i>					
January	1,251	NaN	N/A	-	N/A
February	886	NaN	N/A	-	N/A
March	944	NaN	N/A	-	N/A
<i>Northeast, Black or African American, 2020</i>					
April	939	NaN	N/A	-	N/A
May	1,384	NaN	N/A	-	N/A
June	2,022	NaN	N/A	-	N/A
July	2,573	NaN	N/A	-	N/A
August	2,016	NaN	N/A	-	N/A
September	1,646	NaN	N/A	-	N/A
October	1,807	NaN	N/A	-	N/A
November	2,232	NaN	N/A	-	N/A
December	2,046	NaN	N/A	-	N/A
<i>Northeast, Black or African American, 2021</i>					
January	1,570	NaN	N/A	-	N/A
February	914	NaN	N/A	-	N/A
March	1,059	NaN	N/A	-	N/A
<i>Northeast, Native Hawaiian or Other Pacific Islander, 2020</i>					
April	24	NaN	N/A	-	N/A
May	36	NaN	N/A	-	N/A
June	59	NaN	N/A	-	N/A
July	63	NaN	N/A	-	N/A
August	55	NaN	N/A	-	N/A
September	55	NaN	N/A	-	N/A
October	66	NaN	N/A	-	N/A
November	81	NaN	N/A	-	N/A
December	58	NaN	N/A	-	N/A
<i>Northeast, Native Hawaiian or Other Pacific Islander, 2021</i>					
January	78	NaN	N/A	-	N/A
February	33	NaN	N/A	-	N/A

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
March	37	NaN	N/A	-	N/A
<i>Northeast, Unknown, 2020</i>					
April	4,836	NaN	N/A	-	N/A
May	8,000	NaN	N/A	-	N/A
June	14,195	NaN	N/A	-	N/A
July	22,269	NaN	N/A	-	N/A
August	21,218	NaN	N/A	-	N/A
September	19,541	NaN	N/A	-	N/A
October	23,517	NaN	N/A	-	N/A
November	31,318	NaN	N/A	-	N/A
December	27,454	NaN	N/A	-	N/A
<i>Northeast, Unknown, 2021</i>					
January	20,879	NaN	N/A	-	N/A
February	12,005	NaN	N/A	-	N/A
March	12,994	NaN	N/A	-	N/A
<i>Northeast, White, 2020</i>					
April	3,666	NaN	N/A	-	N/A
May	8,138	NaN	N/A	-	N/A
June	14,116	NaN	N/A	-	N/A
July	17,267	NaN	N/A	-	N/A
August	14,776	NaN	N/A	-	N/A
September	14,388	NaN	N/A	-	N/A
October	17,461	NaN	N/A	-	N/A
November	22,030	NaN	N/A	-	N/A
December	19,370	NaN	N/A	-	N/A
<i>Northeast, White, 2021</i>					
January	14,158	NaN	N/A	-	N/A
February	7,794	NaN	N/A	-	N/A
March	8,066	NaN	N/A	-	N/A
<i>South, American Indian or Alaska Native, 2020</i>					
April	52	NaN	N/A	-	N/A
May	101	NaN	N/A	-	N/A
June	198	NaN	N/A	-	N/A
July	192	NaN	N/A	-	N/A

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
August	165	NaN	N/A	-	N/A
September	111	NaN	N/A	-	N/A
October	174	NaN	N/A	-	N/A
November	191	NaN	N/A	-	N/A
December	179	NaN	N/A	-	N/A
<i>South, American Indian or Alaska Native, 2021</i>					
January	167	NaN	N/A	-	N/A
February	68	NaN	N/A	-	N/A
March	54	NaN	N/A	-	N/A
<i>South, Asian, 2020</i>					
April	317	NaN	N/A	-	N/A
May	464	NaN	N/A	-	N/A
June	1,080	NaN	N/A	-	N/A
July	1,459	NaN	N/A	-	N/A
August	989	NaN	N/A	-	N/A
September	796	NaN	N/A	-	N/A
October	1,044	NaN	N/A	-	N/A
November	1,442	NaN	N/A	-	N/A
December	1,645	NaN	N/A	-	N/A
<i>South, Asian, 2021</i>					
January	1,287	NaN	N/A	-	N/A
February	712	NaN	N/A	-	N/A
March	577	NaN	N/A	-	N/A
<i>South, Black or African American, 2020</i>					
April	5,000	NaN	N/A	-	N/A
May	8,221	NaN	N/A	-	N/A
June	10,231	NaN	N/A	-	N/A
July	13,616	NaN	N/A	-	N/A
August	8,735	NaN	N/A	-	N/A
September	6,419	NaN	N/A	-	N/A
October	7,004	NaN	N/A	-	N/A
November	7,769	NaN	N/A	-	N/A
December	9,643	NaN	N/A	-	N/A
<i>South, Black or African American, 2021</i>					

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
January	8,349	NaN	N/A	-	N/A
February	4,615	NaN	N/A	-	N/A
March	3,582	NaN	N/A	-	N/A
<i>South, Native Hawaiian or Other Pacific Islander, 2020</i>					
April	138	NaN	N/A	-	N/A
May	248	NaN	N/A	-	N/A
June	354	NaN	N/A	-	N/A
July	462	NaN	N/A	-	N/A
August	335	NaN	N/A	-	N/A
September	203	NaN	N/A	-	N/A
October	296	NaN	N/A	-	N/A
November	342	NaN	N/A	-	N/A
December	367	NaN	N/A	-	N/A
<i>South, Native Hawaiian or Other Pacific Islander, 2021</i>					
January	301	NaN	N/A	-	N/A
February	171	NaN	N/A	-	N/A
March	156	NaN	N/A	-	N/A
<i>South, Unknown, 2020</i>					
April	8,122	NaN	N/A	-	N/A
May	12,638	NaN	N/A	-	N/A
June	33,262	NaN	N/A	-	N/A
July	48,189	NaN	N/A	-	N/A
August	28,846	NaN	N/A	-	N/A
September	22,069	NaN	N/A	-	N/A
October	29,066	NaN	N/A	-	N/A
November	38,526	NaN	N/A	-	N/A
December	40,553	NaN	N/A	-	N/A
<i>South, Unknown, 2021</i>					
January	31,670	NaN	N/A	-	N/A
February	16,153	NaN	N/A	-	N/A
March	13,572	NaN	N/A	-	N/A
<i>South, White, 2020</i>					
April	12,387	NaN	N/A	-	N/A
May	23,439	NaN	N/A	-	N/A
June	36,084	NaN	N/A	-	N/A

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
July	43,498	NaN	N/A	-	N/A
August	29,656	NaN	N/A	-	N/A
September	25,042	NaN	N/A	-	N/A
October	32,351	NaN	N/A	-	N/A
November	37,299	NaN	N/A	-	N/A
December	39,556	NaN	N/A	-	N/A
<i>South, White, 2021</i>					
January	29,631	NaN	N/A	-	N/A
February	15,515	NaN	N/A	-	N/A
March	12,907	NaN	N/A	-	N/A
<i>West, American Indian or Alaska Native, 2020</i>					
April	211	NaN	N/A	-	N/A
May	312	NaN	N/A	-	N/A
June	436	NaN	N/A	-	N/A
July	655	NaN	N/A	-	N/A
August	462	NaN	N/A	-	N/A
September	396	NaN	N/A	-	N/A
October	608	NaN	N/A	-	N/A
November	835	NaN	N/A	-	N/A
December	687	NaN	N/A	-	N/A
<i>West, American Indian or Alaska Native, 2021</i>					
January	412	NaN	N/A	-	N/A
February	314	NaN	N/A	-	N/A
March	270	NaN	N/A	-	N/A
<i>West, Asian, 2020</i>					
April	928	NaN	N/A	-	N/A
May	1,660	NaN	N/A	-	N/A
June	2,725	NaN	N/A	-	N/A
July	4,085	NaN	N/A	-	N/A
August	3,231	NaN	N/A	-	N/A
September	2,596	NaN	N/A	-	N/A
October	3,618	NaN	N/A	-	N/A
November	5,557	NaN	N/A	-	N/A
December	5,128	NaN	N/A	-	N/A
<i>West, Asian, 2021</i>					

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
January	3,228	NaN	N/A	-	N/A
February	2,056	NaN	N/A	-	N/A
March	2,007	NaN	N/A	-	N/A
<i>West, Black or African American, 2020</i>					
April	942	NaN	N/A	-	N/A
May	1,309	NaN	N/A	-	N/A
June	1,828	NaN	N/A	-	N/A
July	2,767	NaN	N/A	-	N/A
August	2,123	NaN	N/A	-	N/A
September	1,604	NaN	N/A	-	N/A
October	2,528	NaN	N/A	-	N/A
November	3,579	NaN	N/A	-	N/A
December	3,252	NaN	N/A	-	N/A
<i>West, Black or African American, 2021</i>					
January	2,106	NaN	N/A	-	N/A
February	1,377	NaN	N/A	-	N/A
March	1,368	NaN	N/A	-	N/A
<i>West, Native Hawaiian or Other Pacific Islander, 2020</i>					
April	189	NaN	N/A	-	N/A
May	304	NaN	N/A	-	N/A
June	479	NaN	N/A	-	N/A
July	708	NaN	N/A	-	N/A
August	499	NaN	N/A	-	N/A
September	379	NaN	N/A	-	N/A
October	620	NaN	N/A	-	N/A
November	823	NaN	N/A	-	N/A
December	710	NaN	N/A	-	N/A
<i>West, Native Hawaiian or Other Pacific Islander, 2021</i>					
January	553	NaN	N/A	-	N/A
February	321	NaN	N/A	-	N/A
March	326	NaN	N/A	-	N/A
<i>West, Unknown, 2020</i>					
April	3,996	NaN	N/A	-	N/A
May	7,790	NaN	N/A	-	N/A

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
June	15,798	NaN	N/A	-	N/A
July	23,853	NaN	N/A	-	N/A
August	15,693	NaN	N/A	-	N/A
September	12,837	NaN	N/A	-	N/A
October	21,529	NaN	N/A	-	N/A
November	32,835	NaN	N/A	-	N/A
December	27,574	NaN	N/A	-	N/A
<i>West, Unknown, 2021</i>					
January	16,772	NaN	N/A	-	N/A
February	10,513	NaN	N/A	-	N/A
March	9,803	NaN	N/A	-	N/A
<i>West, White, 2020</i>					
April	11,010	NaN	N/A	-	N/A
May	20,372	NaN	N/A	-	N/A
June	30,713	NaN	N/A	-	N/A
July	43,976	NaN	N/A	-	N/A
August	34,339	NaN	N/A	-	N/A
September	30,232	NaN	N/A	-	N/A
October	45,641	NaN	N/A	-	N/A
November	64,717	NaN	N/A	-	N/A
December	49,105	NaN	N/A	-	N/A
<i>West, White, 2021</i>					
January	33,976	NaN	N/A	-	N/A
February	22,409	NaN	N/A	-	N/A
March	22,151	NaN	N/A	-	N/A
<i>CB Region (Invalid), American Indian or Alaska Native, 2020</i>					
April	2	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	2	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	1	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Invalid), American Indian or Alaska Native, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	3	NaN	N/A	-	N/A
<i>CB Region (Invalid), Asian, 2020</i>					
April	1	NaN	N/A	-	N/A
May	3	NaN	N/A	-	N/A
June	9	NaN	N/A	-	N/A
July	12	NaN	N/A	-	N/A
August	13	NaN	N/A	-	N/A
September	11	NaN	N/A	-	N/A
October	14	NaN	N/A	-	N/A
November	12	NaN	N/A	-	N/A
December	9	NaN	N/A	-	N/A
<i>CB Region (Invalid), Asian, 2021</i>					
January	5	NaN	N/A	-	N/A
February	11	NaN	N/A	-	N/A
March	6	NaN	N/A	-	N/A
<i>CB Region (Invalid), Black or African American, 2020</i>					
April	5	NaN	N/A	-	N/A
May	9	NaN	N/A	-	N/A
June	5	NaN	N/A	-	N/A
July	6	NaN	N/A	-	N/A
August	11	NaN	N/A	-	N/A
September	6	NaN	N/A	-	N/A
October	10	NaN	N/A	-	N/A
November	15	NaN	N/A	-	N/A
December	10	NaN	N/A	-	N/A
<i>CB Region (Invalid), Black or African American, 2021</i>					
January	11	NaN	N/A	-	N/A
February	6	NaN	N/A	-	N/A
March	4	NaN	N/A	-	N/A
<i>CB Region (Invalid), Native Hawaiian or Other Pacific Islander, 2020</i>					
April	0	NaN	N/A	-	N/A

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
May	0	NaN	N/A	-	N/A
June	1	NaN	N/A	-	N/A
July	1	NaN	N/A	-	N/A
August	1	NaN	N/A	-	N/A
September	2	NaN	N/A	-	N/A
October	4	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), Native Hawaiian or Other Pacific Islander, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), Unknown, 2020</i>					
April	22	NaN	N/A	-	N/A
May	36	NaN	N/A	-	N/A
June	90	NaN	N/A	-	N/A
July	116	NaN	N/A	-	N/A
August	76	NaN	N/A	-	N/A
September	69	NaN	N/A	-	N/A
October	111	NaN	N/A	-	N/A
November	108	NaN	N/A	-	N/A
December	122	NaN	N/A	-	N/A
<i>CB Region (Invalid), Unknown, 2021</i>					
January	107	NaN	N/A	-	N/A
February	52	NaN	N/A	-	N/A
March	71	NaN	N/A	-	N/A
<i>CB Region (Invalid), White, 2020</i>					
April	24	NaN	N/A	-	N/A
May	59	NaN	N/A	-	N/A
June	100	NaN	N/A	-	N/A
July	94	NaN	N/A	-	N/A
August	104	NaN	N/A	-	N/A
September	82	NaN	N/A	-	N/A
October	129	NaN	N/A	-	N/A
November	155	NaN	N/A	-	N/A

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
December	146	NaN	N/A	-	N/A
<i>CB Region (Invalid), White, 2021</i>					
January	85	NaN	N/A	-	N/A
February	57	NaN	N/A	-	N/A
March	34	NaN	N/A	-	N/A
<i>CB Region (Missing), American Indian or Alaska Native, 2020</i>					
April	51	NaN	N/A	-	N/A
May	55	NaN	N/A	-	N/A
June	89	NaN	N/A	-	N/A
July	136	NaN	N/A	-	N/A
August	85	NaN	N/A	-	N/A
September	61	NaN	N/A	-	N/A
October	92	NaN	N/A	-	N/A
November	126	NaN	N/A	-	N/A
December	105	NaN	N/A	-	N/A
<i>CB Region (Missing), American Indian or Alaska Native, 2021</i>					
January	65	NaN	N/A	-	N/A
February	33	NaN	N/A	-	N/A
March	46	NaN	N/A	-	N/A
<i>CB Region (Missing), Asian, 2020</i>					
April	257	NaN	N/A	-	N/A
May	242	NaN	N/A	-	N/A
June	383	NaN	N/A	-	N/A
July	584	NaN	N/A	-	N/A
August	462	NaN	N/A	-	N/A
September	323	NaN	N/A	-	N/A
October	498	NaN	N/A	-	N/A
November	634	NaN	N/A	-	N/A
December	528	NaN	N/A	-	N/A
<i>CB Region (Missing), Asian, 2021</i>					
January	324	NaN	N/A	-	N/A
February	254	NaN	N/A	-	N/A
March	265	NaN	N/A	-	N/A
<i>CB Region (Missing), Black or African American, 2020</i>					
April	278	NaN	N/A	-	N/A

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
May	230	NaN	N/A	-	N/A
June	294	NaN	N/A	-	N/A
July	536	NaN	N/A	-	N/A
August	379	NaN	N/A	-	N/A
September	281	NaN	N/A	-	N/A
October	349	NaN	N/A	-	N/A
November	476	NaN	N/A	-	N/A
December	400	NaN	N/A	-	N/A
<i>CB Region (Missing), Black or African American, 2021</i>					
January	277	NaN	N/A	-	N/A
February	156	NaN	N/A	-	N/A
March	188	NaN	N/A	-	N/A
<i>CB Region (Missing), Native Hawaiian or Other Pacific Islander, 2020</i>					
April	41	NaN	N/A	-	N/A
May	67	NaN	N/A	-	N/A
June	64	NaN	N/A	-	N/A
July	150	NaN	N/A	-	N/A
August	105	NaN	N/A	-	N/A
September	95	NaN	N/A	-	N/A
October	82	NaN	N/A	-	N/A
November	187	NaN	N/A	-	N/A
December	126	NaN	N/A	-	N/A
<i>CB Region (Missing), Native Hawaiian or Other Pacific Islander, 2021</i>					
January	72	NaN	N/A	-	N/A
February	69	NaN	N/A	-	N/A
March	62	NaN	N/A	-	N/A
<i>CB Region (Missing), Unknown, 2020</i>					
April	371	NaN	N/A	-	N/A
May	455	NaN	N/A	-	N/A
June	661	NaN	N/A	-	N/A
July	1,193	NaN	N/A	-	N/A
August	836	NaN	N/A	-	N/A
September	712	NaN	N/A	-	N/A
October	957	NaN	N/A	-	N/A
November	1,355	NaN	N/A	-	N/A

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
December	1,022	NaN	N/A	-	N/A
<i>CB Region (Missing), Unknown, 2021</i>					
January	754	NaN	N/A	-	N/A
February	466	NaN	N/A	-	N/A
March	515	NaN	N/A	-	N/A
<i>CB Region (Missing), White, 2020</i>					
April	1,681	NaN	N/A	-	N/A
May	2,316	NaN	N/A	-	N/A
June	3,419	NaN	N/A	-	N/A
July	5,366	NaN	N/A	-	N/A
August	3,876	NaN	N/A	-	N/A
September	3,102	NaN	N/A	-	N/A
October	4,360	NaN	N/A	-	N/A
November	5,420	NaN	N/A	-	N/A
December	4,093	NaN	N/A	-	N/A
<i>CB Region (Missing), White, 2021</i>					
January	2,893	NaN	N/A	-	N/A
February	1,867	NaN	N/A	-	N/A
March	1,982	NaN	N/A	-	N/A
<i>CB Region (Other), American Indian or Alaska Native, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Other), American Indian or Alaska Native, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Other), Asian, 2020</i>					
April	1	NaN	N/A	-	N/A

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	4	NaN	N/A	-	N/A
August	4	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	4	NaN	N/A	-	N/A
November	2	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Other), Asian, 2021</i>					
January	1	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	1	NaN	N/A	-	N/A
<i>CB Region (Other), Black or African American, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	1	NaN	N/A	-	N/A
October	1	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Other), Black or African American, 2021</i>					
January	2	NaN	N/A	-	N/A
February	2	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Other), Native Hawaiian or Other Pacific Islander, 2020</i>					
April	0	NaN	N/A	-	N/A
May	1	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	2	NaN	N/A	-	N/A
August	1	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	1	NaN	N/A	-	N/A
November	2	NaN	N/A	-	N/A

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
December	0	NaN	N/A	-	N/A
<i>CB Region (Other), Native Hawaiian or Other Pacific Islander, 2021</i>					
January	3	NaN	N/A	-	N/A
February	3	NaN	N/A	-	N/A
March	2	NaN	N/A	-	N/A
<i>CB Region (Other), Unknown, 2020</i>					
April	1	NaN	N/A	-	N/A
May	6	NaN	N/A	-	N/A
June	6	NaN	N/A	-	N/A
July	18	NaN	N/A	-	N/A
August	12	NaN	N/A	-	N/A
September	2	NaN	N/A	-	N/A
October	8	NaN	N/A	-	N/A
November	18	NaN	N/A	-	N/A
December	24	NaN	N/A	-	N/A
<i>CB Region (Other), Unknown, 2021</i>					
January	11	NaN	N/A	-	N/A
February	10	NaN	N/A	-	N/A
March	11	NaN	N/A	-	N/A
<i>CB Region (Other), White, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	1	NaN	N/A	-	N/A
July	3	NaN	N/A	-	N/A
August	1	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	1	NaN	N/A	-	N/A
November	2	NaN	N/A	-	N/A
December	2	NaN	N/A	-	N/A
<i>CB Region (Other), White, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A

Index = Evidence of PCR Test for SARS COV2: Outcome = COVID+

Midwest, American Indian or Alaska Native, 2020

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
April	29	NaN	3	-	1,034.48
May	119	NaN	31	-	2,605.04
June	133	NaN	15	-	1,127.82
July	141	NaN	22	-	1,560.28
August	121	NaN	21	-	1,735.54
September	96	NaN	13	-	1,354.17
October	184	NaN	42	-	2,282.61
November	234	NaN	52	-	2,222.22
December	126	NaN	28	-	2,222.22
<i>Midwest, American Indian or Alaska Native, 2021</i>					
January	111	NaN	14	-	1,261.26
February	69	NaN	2	-	289.86
March	106	NaN	8	-	754.72
<i>Midwest, Asian, 2020</i>					
April	193	NaN	36	-	1,865.28
May	662	NaN	197	-	2,975.83
June	1,030	NaN	190	-	1,844.66
July	916	NaN	103	-	1,124.45
August	712	NaN	84	-	1,179.78
September	780	NaN	105	-	1,346.15
October	1,087	NaN	206	-	1,895.12
November	1,641	NaN	403	-	2,455.82
December	1,025	NaN	167	-	1,629.27
<i>Midwest, Asian, 2021</i>					
January	576	NaN	82	-	1,423.61
February	468	NaN	37	-	790.6
March	579	NaN	41	-	708.12
<i>Midwest, Black or African American, 2020</i>					
April	943	NaN	386	-	4,093.32
May	2,068	NaN	540	-	2,611.22
June	2,713	NaN	459	-	1,691.85
July	3,403	NaN	661	-	1,942.40
August	2,560	NaN	445	-	1,738.28
September	2,266	NaN	300	-	1,323.92
October	2,863	NaN	501	-	1,749.91

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
November	3,671	NaN	879	-	2,394.44
December	2,932	NaN	647	-	2,206.68
<i>Midwest, Black or African American, 2021</i>					
January	1,864	NaN	270	-	1,448.50
February	1,386	NaN	126	-	909.09
March	1,759	NaN	108	-	613.99
<i>Midwest, Native Hawaiian or Other Pacific Islander, 2020</i>					
April	53	NaN	17	-	3,207.55
May	114	NaN	25	-	2,192.98
June	151	NaN	30	-	1,986.75
July	216	NaN	34	-	1,574.07
August	173	NaN	26	-	1,502.89
September	150	NaN	31	-	2,066.67
October	187	NaN	30	-	1,604.28
November	237	NaN	53	-	2,236.29
December	192	NaN	60	-	3,125.00
<i>Midwest, Native Hawaiian or Other Pacific Islander, 2021</i>					
January	141	NaN	37	-	2,624.11
February	68	NaN	3	-	441.18
March	90	NaN	8	-	888.89
<i>Midwest, Unknown, 2020</i>					
April	1,333	NaN	385	-	2,888.22
May	3,390	NaN	726	-	2,141.59
June	6,115	NaN	965	-	1,578.09
July	13,465	NaN	2,133	-	1,584.11
August	10,674	NaN	1,793	-	1,679.78
September	10,326	NaN	1,801	-	1,744.14
October	13,858	NaN	2,898	-	2,091.21
November	18,537	NaN	5,083	-	2,742.08
December	13,539	NaN	3,285	-	2,426.32
<i>Midwest, Unknown, 2021</i>					
January	8,038	NaN	1,711	-	2,128.64
February	4,646	NaN	606	-	1,304.35
March	4,872	NaN	538	-	1,104.27
<i>Midwest, White, 2020</i>					

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
April	4,123	NaN	909	-	2,204.71
May	11,821	NaN	2,062	-	1,744.35
June	18,028	NaN	2,245	-	1,245.29
July	22,274	NaN	3,060	-	1,373.80
August	16,524	NaN	2,388	-	1,445.17
September	16,440	NaN	2,408	-	1,464.72
October	22,400	NaN	4,093	-	1,827.23
November	28,790	NaN	7,338	-	2,548.80
December	18,780	NaN	3,831	-	2,039.94
<i>Midwest, White, 2021</i>					
January	12,848	NaN	2,120	-	1,650.06
February	8,790	NaN	795	-	904.44
March	9,637	NaN	764	-	792.78
<i>Northeast, American Indian or Alaska Native, 2020</i>					
April	24	NaN	12	-	5,000.00
May	23	NaN	4	-	1,739.13
June	47	NaN	5	-	1,063.83
July	63	NaN	7	-	1,111.11
August	54	NaN	5	-	925.93
September	52	NaN	7	-	1,346.15
October	52	NaN	5	-	961.54
November	68	NaN	14	-	2,058.82
December	61	NaN	12	-	1,967.21
<i>Northeast, American Indian or Alaska Native, 2021</i>					
January	50	NaN	15	-	3,000.00
February	18	NaN	1	-	555.56
March	28	NaN	5	-	1,785.71
<i>Northeast, Asian, 2020</i>					
April	405	NaN	195	-	4,814.81
May	666	NaN	118	-	1,771.77
June	1,451	NaN	151	-	1,040.66
July	1,656	NaN	180	-	1,086.96
August	1,643	NaN	137	-	833.84
September	1,543	NaN	125	-	810.11
October	1,644	NaN	162	-	985.4

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
November	1,911	NaN	264	-	1,381.48
December	1,690	NaN	264	-	1,562.13
<i>Northeast, Asian, 2021</i>					
January	1,251	NaN	180	-	1,438.85
February	886	NaN	102	-	1,151.24
March	944	NaN	108	-	1,144.07
<i>Northeast, Black or African American, 2020</i>					
April	939	NaN	408	-	4,345.05
May	1,384	NaN	328	-	2,369.94
June	2,022	NaN	331	-	1,636.99
July	2,573	NaN	410	-	1,593.47
August	2,016	NaN	277	-	1,374.01
September	1,646	NaN	221	-	1,342.65
October	1,807	NaN	267	-	1,477.59
November	2,232	NaN	478	-	2,141.58
December	2,046	NaN	434	-	2,121.21
<i>Northeast, Black or African American, 2021</i>					
January	1,570	NaN	299	-	1,904.46
February	914	NaN	117	-	1,280.09
March	1,059	NaN	140	-	1,322.00
<i>Northeast, Native Hawaiian or Other Pacific Islander, 2020</i>					
April	24	NaN	11	-	4,583.33
May	36	NaN	9	-	2,500.00
June	59	NaN	12	-	2,033.90
July	63	NaN	9	-	1,428.57
August	55	NaN	3	-	545.45
September	55	NaN	6	-	1,090.91
October	66	NaN	12	-	1,818.18
November	81	NaN	17	-	2,098.77
December	58	NaN	18	-	3,103.45
<i>Northeast, Native Hawaiian or Other Pacific Islander, 2021</i>					
January	78	NaN	21	-	2,692.31
February	33	NaN	5	-	1,515.15
March	37	NaN	3	-	810.81
<i>Northeast, Unknown, 2020</i>					

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
April	4,836	NaN	2,123	-	4,389.99
May	8,000	NaN	1,731	-	2,163.75
June	14,195	NaN	2,039	-	1,436.42
July	22,269	NaN	3,246	-	1,457.63
August	21,218	NaN	2,918	-	1,375.25
September	19,541	NaN	2,734	-	1,399.11
October	23,517	NaN	3,494	-	1,485.73
November	31,318	NaN	6,254	-	1,996.93
December	27,454	NaN	6,323	-	2,303.13
<i>Northeast, Unknown, 2021</i>					
January	20,879	NaN	4,045	-	1,937.35
February	12,005	NaN	1,850	-	1,541.02
March	12,994	NaN	1,800	-	1,385.25
<i>Northeast, White, 2020</i>					
April	3,666	NaN	1,307	-	3,565.19
May	8,138	NaN	1,624	-	1,995.58
June	14,116	NaN	1,904	-	1,348.82
July	17,267	NaN	2,114	-	1,224.30
August	14,776	NaN	1,750	-	1,184.35
September	14,388	NaN	1,745	-	1,212.82
October	17,461	NaN	2,234	-	1,279.42
November	22,030	NaN	3,667	-	1,664.55
December	19,370	NaN	3,812	-	1,967.99
<i>Northeast, White, 2021</i>					
January	14,158	NaN	2,539	-	1,793.33
February	7,794	NaN	1,081	-	1,386.96
March	8,066	NaN	1,015	-	1,258.37
<i>South, American Indian or Alaska Native, 2020</i>					
April	52	NaN	10	-	1,923.08
May	101	NaN	18	-	1,782.18
June	198	NaN	55	-	2,777.78
July	192	NaN	48	-	2,500.00
August	165	NaN	27	-	1,636.36
September	111	NaN	23	-	2,072.07
October	174	NaN	35	-	2,011.49

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
November	191	NaN	56	-	2,931.94
December	179	NaN	56	-	3,128.49
<i>South, American Indian or Alaska Native, 2021</i>					
January	167	NaN	41	-	2,455.09
February	68	NaN	13	-	1,911.76
March	54	NaN	5	-	925.93
<i>South, Asian, 2020</i>					
April	317	NaN	60	-	1,892.74
May	464	NaN	70	-	1,508.62
June	1,080	NaN	214	-	1,981.48
July	1,459	NaN	264	-	1,809.46
August	989	NaN	134	-	1,354.90
September	796	NaN	95	-	1,193.47
October	1,044	NaN	126	-	1,206.90
November	1,442	NaN	223	-	1,546.46
December	1,645	NaN	311	-	1,890.58
<i>South, Asian, 2021</i>					
January	1,287	NaN	277	-	2,152.29
February	712	NaN	115	-	1,615.17
March	577	NaN	46	-	797.23
<i>South, Black or African American, 2020</i>					
April	5,000	NaN	1,401	-	2,802.00
May	8,221	NaN	1,280	-	1,556.99
June	10,231	NaN	1,913	-	1,869.81
July	13,616	NaN	3,167	-	2,325.94
August	8,735	NaN	1,779	-	2,036.63
September	6,419	NaN	1,025	-	1,596.82
October	7,004	NaN	1,211	-	1,729.01
November	7,769	NaN	1,463	-	1,883.13
December	9,643	NaN	2,138	-	2,217.15
<i>South, Black or African American, 2021</i>					
January	8,349	NaN	2,120	-	2,539.23
February	4,615	NaN	852	-	1,846.15
March	3,582	NaN	401	-	1,119.49
<i>South, Native Hawaiian or Other Pacific Islander, 2020</i>					

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
April	138	NaN	31	-	2,246.38
May	248	NaN	26	-	1,048.39
June	354	NaN	65	-	1,836.16
July	462	NaN	97	-	2,099.57
August	335	NaN	71	-	2,119.40
September	203	NaN	24	-	1,182.27
October	296	NaN	44	-	1,486.49
November	342	NaN	89	-	2,602.34
December	367	NaN	84	-	2,288.83
<i>South, Native Hawaiian or Other Pacific Islander, 2021</i>					
January	301	NaN	84	-	2,790.70
February	171	NaN	30	-	1,754.39
March	156	NaN	17	-	1,089.74
<i>South, Unknown, 2020</i>					
April	8,122	NaN	1,916	-	2,359.02
May	12,638	NaN	2,254	-	1,783.51
June	33,262	NaN	7,574	-	2,277.07
July	48,189	NaN	10,926	-	2,267.32
August	28,846	NaN	5,060	-	1,754.14
September	22,069	NaN	3,550	-	1,608.59
October	29,066	NaN	5,139	-	1,768.05
November	38,526	NaN	7,796	-	2,023.57
December	40,553	NaN	9,053	-	2,232.39
<i>South, Unknown, 2021</i>					
January	31,670	NaN	7,379	-	2,329.97
February	16,153	NaN	2,486	-	1,539.03
March	13,572	NaN	1,469	-	1,082.38
<i>South, White, 2020</i>					
April	12,387	NaN	2,365	-	1,909.26
May	23,439	NaN	3,116	-	1,329.41
June	36,084	NaN	5,904	-	1,636.18
July	43,498	NaN	8,019	-	1,843.53
August	29,656	NaN	4,867	-	1,641.15
September	25,042	NaN	3,931	-	1,569.76
October	32,351	NaN	5,556	-	1,717.41

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
November	37,299	NaN	7,685	-	2,060.38
December	39,556	NaN	9,546	-	2,413.29
<i>South, White, 2021</i>					
January	29,631	NaN	7,002	-	2,363.07
February	15,515	NaN	2,285	-	1,472.77
March	12,907	NaN	1,210	-	937.48
<i>West, American Indian or Alaska Native, 2020</i>					
April	211	NaN	31	-	1,469.19
May	312	NaN	38	-	1,217.95
June	436	NaN	56	-	1,284.40
July	655	NaN	108	-	1,648.85
August	462	NaN	49	-	1,060.61
September	396	NaN	43	-	1,085.86
October	608	NaN	88	-	1,447.37
November	835	NaN	176	-	2,107.78
December	687	NaN	157	-	2,285.30
<i>West, American Indian or Alaska Native, 2021</i>					
January	412	NaN	66	-	1,601.94
February	314	NaN	35	-	1,114.65
March	270	NaN	11	-	407.41
<i>West, Asian, 2020</i>					
April	928	NaN	193	-	2,079.74
May	1,660	NaN	192	-	1,156.63
June	2,725	NaN	277	-	1,016.51
July	4,085	NaN	515	-	1,260.71
August	3,231	NaN	326	-	1,008.98
September	2,596	NaN	242	-	932.2
October	3,618	NaN	386	-	1,066.89
November	5,557	NaN	944	-	1,698.76
December	5,128	NaN	857	-	1,671.22
<i>West, Asian, 2021</i>					
January	3,228	NaN	479	-	1,483.89
February	2,056	NaN	136	-	661.48
March	2,007	NaN	130	-	647.73
<i>West, Black or African American, 2020</i>					

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
April	942	NaN	262	-	2,781.32
May	1,309	NaN	148	-	1,130.63
June	1,828	NaN	258	-	1,411.38
July	2,767	NaN	450	-	1,626.31
August	2,123	NaN	275	-	1,295.34
September	1,604	NaN	168	-	1,047.38
October	2,528	NaN	352	-	1,392.41
November	3,579	NaN	696	-	1,944.68
December	3,252	NaN	628	-	1,931.12
<i>West, Black or African American, 2021</i>					
January	2,106	NaN	330	-	1,566.95
February	1,377	NaN	113	-	820.62
March	1,368	NaN	118	-	862.57
<i>West, Native Hawaiian or Other Pacific Islander, 2020</i>					
April	189	NaN	40	-	2,116.40
May	304	NaN	40	-	1,315.79
June	479	NaN	66	-	1,377.87
July	708	NaN	133	-	1,878.53
August	499	NaN	69	-	1,382.77
September	379	NaN	50	-	1,319.26
October	620	NaN	75	-	1,209.68
November	823	NaN	170	-	2,065.61
December	710	NaN	154	-	2,169.01
<i>West, Native Hawaiian or Other Pacific Islander, 2021</i>					
January	553	NaN	120	-	2,169.98
February	321	NaN	50	-	1,557.63
March	326	NaN	19	-	582.82
<i>West, Unknown, 2020</i>					
April	3,996	NaN	967	-	2,419.92
May	7,790	NaN	1,334	-	1,712.45
June	15,798	NaN	3,096	-	1,959.74
July	23,853	NaN	5,007	-	2,099.11
August	15,693	NaN	2,435	-	1,551.65
September	12,837	NaN	2,133	-	1,661.60
October	21,529	NaN	4,098	-	1,903.48

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
November	32,835	NaN	7,734	-	2,355.41
December	27,574	NaN	6,717	-	2,435.99
<i>West, Unknown, 2021</i>					
January	16,772	NaN	3,706	-	2,209.64
February	10,513	NaN	1,181	-	1,123.37
March	9,803	NaN	744	-	758.95
<i>West, White, 2020</i>					
April	11,010	NaN	1,520	-	1,380.56
May	20,372	NaN	1,720	-	844.3
June	30,713	NaN	3,028	-	985.9
July	43,976	NaN	4,988	-	1,134.26
August	34,339	NaN	3,131	-	911.79
September	30,232	NaN	2,862	-	946.68
October	45,641	NaN	5,174	-	1,133.63
November	64,717	NaN	10,450	-	1,614.72
December	49,105	NaN	7,925	-	1,613.89
<i>West, White, 2021</i>					
January	33,976	NaN	4,827	-	1,420.71
February	22,409	NaN	1,813	-	809.05
March	22,151	NaN	1,499	-	676.72
<i>CB Region (Invalid), American Indian or Alaska Native, 2020</i>					
April	2	NaN	0	-	0
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	2	NaN	1	-	5,000.00
September	0	NaN	0	-	NaN
October	1	NaN	0	-	0
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Invalid), American Indian or Alaska Native, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	3	NaN	1	-	3,333.33
<i>CB Region (Invalid), Asian, 2020</i>					

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
April	1	NaN	0	-	0
May	3	NaN	2	-	6,666.67
June	9	NaN	2	-	2,222.22
July	12	NaN	2	-	1,666.67
August	13	NaN	0	-	0
September	11	NaN	3	-	2,727.27
October	14	NaN	0	-	0
November	12	NaN	2	-	1,666.67
December	9	NaN	1	-	1,111.11
<i>CB Region (Invalid), Asian, 2021</i>					
January	5	NaN	0	-	0
February	11	NaN	0	-	0
March	6	NaN	0	-	0
<i>CB Region (Invalid), Black or African American, 2020</i>					
April	5	NaN	1	-	2,000.00
May	9	NaN	1	-	1,111.11
June	5	NaN	1	-	2,000.00
July	6	NaN	0	-	0
August	11	NaN	1	-	909.09
September	6	NaN	0	-	0
October	10	NaN	2	-	2,000.00
November	15	NaN	7	-	4,666.67
December	10	NaN	3	-	3,000.00
<i>CB Region (Invalid), Black or African American, 2021</i>					
January	11	NaN	2	-	1,818.18
February	6	NaN	0	-	0
March	4	NaN	0	-	0
<i>CB Region (Invalid), Native Hawaiian or Other Pacific Islander, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	1	NaN	0	-	0
July	1	NaN	1	-	10,000.00
August	1	NaN	0	-	0
September	2	NaN	0	-	0
October	4	NaN	0	-	0

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Invalid), Native Hawaiian or Other Pacific Islander, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Invalid), Unknown, 2020</i>					
April	22	NaN	6	-	2,727.27
May	36	NaN	7	-	1,944.44
June	90	NaN	15	-	1,666.67
July	116	NaN	16	-	1,379.31
August	76	NaN	13	-	1,710.53
September	69	NaN	11	-	1,594.20
October	111	NaN	8	-	720.72
November	108	NaN	26	-	2,407.41
December	122	NaN	19	-	1,557.38
<i>CB Region (Invalid), Unknown, 2021</i>					
January	107	NaN	16	-	1,495.33
February	52	NaN	8	-	1,538.46
March	71	NaN	7	-	985.92
<i>CB Region (Invalid), White, 2020</i>					
April	24	NaN	3	-	1,250.00
May	59	NaN	8	-	1,355.93
June	100	NaN	13	-	1,300.00
July	94	NaN	19	-	2,021.28
August	104	NaN	10	-	961.54
September	82	NaN	14	-	1,707.32
October	129	NaN	18	-	1,395.35
November	155	NaN	30	-	1,935.48
December	146	NaN	29	-	1,986.30
<i>CB Region (Invalid), White, 2021</i>					
January	85	NaN	14	-	1,647.06
February	57	NaN	10	-	1,754.39
March	34	NaN	3	-	882.35
<i>CB Region (Missing), American Indian or Alaska Native, 2020</i>					

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
April	51	NaN	6	-	1,176.47
May	55	NaN	5	-	909.09
June	89	NaN	7	-	786.52
July	136	NaN	13	-	955.88
August	85	NaN	10	-	1,176.47
September	61	NaN	4	-	655.74
October	92	NaN	6	-	652.17
November	126	NaN	19	-	1,507.94
December	105	NaN	11	-	1,047.62
<i>CB Region (Missing), American Indian or Alaska Native, 2021</i>					
January	65	NaN	10	-	1,538.46
February	33	NaN	2	-	606.06
March	46	NaN	3	-	652.17
<i>CB Region (Missing), Asian, 2020</i>					
April	257	NaN	51	-	1,984.44
May	242	NaN	14	-	578.51
June	383	NaN	37	-	966.06
July	584	NaN	63	-	1,078.77
August	462	NaN	44	-	952.38
September	323	NaN	18	-	557.28
October	498	NaN	26	-	522.09
November	634	NaN	90	-	1,419.56
December	528	NaN	68	-	1,287.88
<i>CB Region (Missing), Asian, 2021</i>					
January	324	NaN	30	-	925.93
February	254	NaN	10	-	393.7
March	265	NaN	16	-	603.77
<i>CB Region (Missing), Black or African American, 2020</i>					
April	278	NaN	51	-	1,834.53
May	230	NaN	27	-	1,173.91
June	294	NaN	36	-	1,224.49
July	536	NaN	87	-	1,623.13
August	379	NaN	47	-	1,240.11
September	281	NaN	37	-	1,316.73
October	349	NaN	26	-	744.99

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
November	476	NaN	100	-	2,100.84
December	400	NaN	61	-	1,525.00
<i>CB Region (Missing), Black or African American, 2021</i>					
January	277	NaN	30	-	1,083.03
February	156	NaN	10	-	641.03
March	188	NaN	8	-	425.53
<i>CB Region (Missing), Native Hawaiian or Other Pacific Islander, 2020</i>					
April	41	NaN	5	-	1,219.51
May	67	NaN	3	-	447.76
June	64	NaN	14	-	2,187.50
July	150	NaN	34	-	2,266.67
August	105	NaN	13	-	1,238.10
September	95	NaN	17	-	1,789.47
October	82	NaN	15	-	1,829.27
November	187	NaN	30	-	1,604.28
December	126	NaN	23	-	1,825.40
<i>CB Region (Missing), Native Hawaiian or Other Pacific Islander, 2021</i>					
January	72	NaN	13	-	1,805.56
February	69	NaN	7	-	1,014.49
March	62	NaN	6	-	967.74
<i>CB Region (Missing), Unknown, 2020</i>					
April	371	NaN	57	-	1,536.39
May	455	NaN	32	-	703.3
June	661	NaN	61	-	922.84
July	1,193	NaN	176	-	1,475.27
August	836	NaN	91	-	1,088.52
September	712	NaN	86	-	1,207.87
October	957	NaN	106	-	1,107.63
November	1,355	NaN	217	-	1,601.48
December	1,022	NaN	150	-	1,467.71
<i>CB Region (Missing), Unknown, 2021</i>					
January	754	NaN	91	-	1,206.90
February	466	NaN	35	-	751.07
March	515	NaN	29	-	563.11
<i>CB Region (Missing), White, 2020</i>					

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
April	1,681	NaN	180	-	1,070.79
May	2,316	NaN	153	-	660.62
June	3,419	NaN	248	-	725.36
July	5,366	NaN	497	-	926.2
August	3,876	NaN	298	-	768.83
September	3,102	NaN	277	-	892.97
October	4,360	NaN	341	-	782.11
November	5,420	NaN	639	-	1,178.97
December	4,093	NaN	508	-	1,241.14
<i>CB Region (Missing), White, 2021</i>					
January	2,893	NaN	319	-	1,102.66
February	1,867	NaN	106	-	567.76
March	1,982	NaN	114	-	575.18
<i>CB Region (Other), American Indian or Alaska Native, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), American Indian or Alaska Native, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Asian, 2020</i>					
April	1	NaN	0	-	0
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	4	NaN	1	-	2,500.00
August	4	NaN	0	-	0

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
September	0	NaN	0	-	NaN
October	4	NaN	0	-	0
November	2	NaN	0	-	0
December	0	NaN	0	-	NaN
<i>CB Region (Other), Asian, 2021</i>					
January	1	NaN	0	-	0
February	0	NaN	0	-	NaN
March	1	NaN	0	-	0
<i>CB Region (Other), Black or African American, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	1	NaN	0	-	0
October	1	NaN	0	-	0
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), Black or African American, 2021</i>					
January	2	NaN	0	-	0
February	2	NaN	0	-	0
March	0	NaN	0	-	NaN
<i>CB Region (Other), Native Hawaiian or Other Pacific Islander, 2020</i>					
April	0	NaN	0	-	NaN
May	1	NaN	0	-	0
June	0	NaN	0	-	NaN
July	2	NaN	1	-	5,000.00
August	1	NaN	0	-	0
September	0	NaN	0	-	NaN
October	1	NaN	0	-	0
November	2	NaN	0	-	0
December	0	NaN	0	-	NaN
<i>CB Region (Other), Native Hawaiian or Other Pacific Islander, 2021</i>					
January	3	NaN	0	-	0

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
February	3	NaN	0	-	0
March	2	NaN	0	-	0
<i>CB Region (Other), Unknown, 2020</i>					
April	1	NaN	0	-	0
May	6	NaN	0	-	0
June	6	NaN	0	-	0
July	18	NaN	3	-	1,666.67
August	12	NaN	1	-	833.33
September	2	NaN	1	-	5,000.00
October	8	NaN	0	-	0
November	18	NaN	0	-	0
December	24	NaN	1	-	416.67
<i>CB Region (Other), Unknown, 2021</i>					
January	11	NaN	1	-	909.09
February	10	NaN	0	-	0
March	11	NaN	0	-	0
<i>CB Region (Other), White, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	1	NaN	0	-	0
July	3	NaN	0	-	0
August	1	NaN	0	-	0
September	0	NaN	0	-	NaN
October	1	NaN	0	-	0
November	2	NaN	0	-	0
December	2	NaN	0	-	0
<i>CB Region (Other), White, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN

Index = COVID+; Outcome = Hospitalized with COVID

Midwest, American Indian or Alaska Native, 2020

April	11	NaN	6	-	5,454.55
May	41	NaN	9	-	2,195.12

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
June	20	NaN	4	-	2,000.00
July	36	NaN	2	-	555.56
August	23	NaN	6	-	2,608.70
September	33	NaN	6	-	1,818.18
October	92	NaN	15	-	1,630.43
November	187	NaN	24	-	1,283.42
December	137	NaN	20	-	1,459.85
<i>Midwest, American Indian or Alaska Native, 2021</i>					
January	63	NaN	10	-	1,587.30
February	22	NaN	2	-	909.09
March	30	NaN	5	-	1,666.67
<i>Midwest, Asian, 2020</i>					
April	84	NaN	29	-	3,452.38
May	213	NaN	32	-	1,502.35
June	165	NaN	15	-	909.09
July	122	NaN	8	-	655.74
August	122	NaN	22	-	1,803.28
September	155	NaN	19	-	1,225.81
October	350	NaN	41	-	1,171.43
November	927	NaN	107	-	1,154.26
December	634	NaN	77	-	1,214.51
<i>Midwest, Asian, 2021</i>					
January	288	NaN	33	-	1,145.83
February	154	NaN	18	-	1,168.83
March	179	NaN	22	-	1,229.05
<i>Midwest, Black or African American, 2020</i>					
April	1,135	NaN	539	-	4,748.90
May	908	NaN	237	-	2,610.13
June	549	NaN	126	-	2,295.08
July	1,038	NaN	223	-	2,148.36
August	772	NaN	157	-	2,033.68
September	506	NaN	92	-	1,818.18
October	1,046	NaN	255	-	2,437.86
November	2,468	NaN	560	-	2,269.04
December	2,204	NaN	571	-	2,590.74

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>Midwest, Black or African American, 2021</i>					
January	1,289	NaN	317	-	2,459.27
February	528	NaN	98	-	1,856.06
March	567	NaN	105	-	1,851.85
<i>Midwest, Native Hawaiian or Other Pacific Islander, 2020</i>					
April	25	NaN	13	-	5,200.00
May	29	NaN	12	-	4,137.93
June	24	NaN	7	-	2,916.67
July	36	NaN	11	-	3,055.56
August	26	NaN	7	-	2,692.31
September	42	NaN	5	-	1,190.48
October	65	NaN	15	-	2,307.69
November	179	NaN	51	-	2,849.16
December	153	NaN	45	-	2,941.18
<i>Midwest, Native Hawaiian or Other Pacific Islander, 2021</i>					
January	114	NaN	25	-	2,192.98
February	35	NaN	10	-	2,857.14
March	28	NaN	7	-	2,500.00
<i>Midwest, Unknown, 2020</i>					
April	1,047	NaN	240	-	2,292.26
May	1,594	NaN	210	-	1,317.44
June	1,186	NaN	95	-	801.01
July	3,607	NaN	416	-	1,153.31
August	3,535	NaN	475	-	1,343.71
September	4,836	NaN	555	-	1,147.64
October	9,432	NaN	1,131	-	1,199.11
November	20,939	NaN	2,567	-	1,225.94
December	15,638	NaN	1,996	-	1,276.38
<i>Midwest, Unknown, 2021</i>					
January	9,476	NaN	1,220	-	1,287.46
February	4,175	NaN	476	-	1,140.12
March	4,224	NaN	394	-	932.77
<i>Midwest, White, 2020</i>					
April	2,013	NaN	695	-	3,452.56
May	2,719	NaN	535	-	1,967.64

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
June	2,259	NaN	300	-	1,328.02
July	3,454	NaN	516	-	1,493.92
August	3,661	NaN	603	-	1,647.09
September	4,910	NaN	804	-	1,637.47
October	11,008	NaN	1,880	-	1,707.85
November	25,194	NaN	4,048	-	1,606.73
December	17,489	NaN	3,059	-	1,749.10
<i>Midwest, White, 2021</i>					
January	10,552	NaN	1,866	-	1,768.39
February	4,339	NaN	708	-	1,631.71
March	4,831	NaN	547	-	1,132.27
<i>Northeast, American Indian or Alaska Native, 2020</i>					
April	25	NaN	3	-	1,200.00
May	6	NaN	0	-	0
June	6	NaN	0	-	0
July	6	NaN	0	-	0
August	8	NaN	1	-	1,250.00
September	7	NaN	0	-	0
October	12	NaN	1	-	833.33
November	25	NaN	2	-	800
December	37	NaN	0	-	0
<i>Northeast, American Indian or Alaska Native, 2021</i>					
January	39	NaN	3	-	769.23
February	11	NaN	1	-	909.09
March	21	NaN	3	-	1,428.57
<i>Northeast, Asian, 2020</i>					
April	485	NaN	96	-	1,979.38
May	240	NaN	14	-	583.33
June	165	NaN	4	-	242.42
July	209	NaN	8	-	382.78
August	202	NaN	4	-	198.02
September	171	NaN	4	-	233.92
October	231	NaN	8	-	346.32

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
November	548	NaN	33	-	602.19
December	723	NaN	54	-	746.89
<i>Northeast, Asian, 2021</i>					
January	628	NaN	44	-	700.64
February	390	NaN	34	-	871.79
March	414	NaN	20	-	483.09
<i>Northeast, Black or African American, 2020</i>					
April	1,589	NaN	645	-	4,059.16
May	712	NaN	134	-	1,882.02
June	464	NaN	40	-	862.07
July	570	NaN	39	-	684.21
August	481	NaN	28	-	582.12
September	363	NaN	19	-	523.42
October	474	NaN	52	-	1,097.05
November	1,081	NaN	212	-	1,961.15
December	1,459	NaN	292	-	2,001.37
<i>Northeast, Black or African American, 2021</i>					
January	1,282	NaN	256	-	1,996.88
February	753	NaN	175	-	2,324.04
March	845	NaN	154	-	1,822.49
<i>Northeast, Native Hawaiian or Other Pacific Islander, 2020</i>					
April	34	NaN	18	-	5,294.12
May	20	NaN	2	-	1,000.00
June	17	NaN	2	-	1,176.47
July	16	NaN	1	-	625
August	15	NaN	0	-	0
September	11	NaN	2	-	1,818.18
October	18	NaN	4	-	2,222.22
November	44	NaN	5	-	1,136.36
December	57	NaN	9	-	1,578.95
<i>Northeast, Native Hawaiian or Other Pacific Islander, 2021</i>					
January	71	NaN	11	-	1,549.30
February	30	NaN	8	-	2,666.67
March	27	NaN	6	-	2,222.22
<i>Northeast, Unknown, 2020</i>					

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
April	5,575	NaN	837	-	1,501.35
May	3,636	NaN	189	-	519.8
June	2,427	NaN	67	-	276.06
July	4,129	NaN	231	-	559.46
August	3,626	NaN	181	-	499.17
September	3,554	NaN	163	-	458.64
October	5,119	NaN	345	-	673.96
November	11,952	NaN	1,104	-	923.69
December	16,558	NaN	1,779	-	1,074.41
<i>Northeast, Unknown, 2021</i>					
January	13,234	NaN	1,181	-	892.4
February	6,997	NaN	525	-	750.32
March	8,290	NaN	584	-	704.46
<i>Northeast, White, 2020</i>					
April	4,076	NaN	1,097	-	2,691.36
May	3,385	NaN	374	-	1,104.87
June	2,488	NaN	145	-	582.8
July	2,647	NaN	131	-	494.9
August	2,207	NaN	121	-	548.26
September	2,251	NaN	132	-	586.41
October	3,186	NaN	314	-	985.56
November	7,509	NaN	960	-	1,278.47
December	11,043	NaN	1,582	-	1,432.58
<i>Northeast, White, 2021</i>					
January	9,191	NaN	1,241	-	1,350.23
February	4,514	NaN	543	-	1,202.92
March	5,175	NaN	498	-	962.32
<i>South, American Indian or Alaska Native, 2020</i>					
April	24	NaN	10	-	4,166.67
May	15	NaN	2	-	1,333.33
June	62	NaN	8	-	1,290.32
July	104	NaN	14	-	1,346.15
August	52	NaN	12	-	2,307.69
September	64	NaN	11	-	1,718.75
October	93	NaN	15	-	1,612.90

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
November	163	NaN	22	-	1,349.69
December	228	NaN	45	-	1,973.68
<i>South, American Indian or Alaska Native, 2021</i>					
January	211	NaN	45	-	2,132.70
February	59	NaN	9	-	1,525.42
March	45	NaN	3	-	666.67
<i>South, Asian, 2020</i>					
April	101	NaN	25	-	2,475.25
May	110	NaN	17	-	1,545.45
June	246	NaN	37	-	1,504.07
July	452	NaN	63	-	1,393.81
August	214	NaN	27	-	1,261.68
September	179	NaN	16	-	893.85
October	245	NaN	30	-	1,224.49
November	552	NaN	64	-	1,159.42
December	972	NaN	124	-	1,275.72
<i>South, Asian, 2021</i>					
January	996	NaN	133	-	1,335.34
February	408	NaN	45	-	1,102.94
March	261	NaN	28	-	1,072.80
<i>South, Black or African American, 2020</i>					
April	2,567	NaN	905	-	3,525.52
May	1,511	NaN	449	-	2,971.54
June	2,807	NaN	888	-	3,163.52
July	6,474	NaN	2,157	-	3,331.79
August	3,571	NaN	1,076	-	3,013.16
September	2,072	NaN	561	-	2,707.53
October	2,653	NaN	783	-	2,951.38
November	4,278	NaN	1,254	-	2,931.28
December	7,958	NaN	2,235	-	2,808.49
<i>South, Black or African American, 2021</i>					
January	8,468	NaN	2,323	-	2,743.27
February	3,540	NaN	1,016	-	2,870.06
March	2,033	NaN	534	-	2,626.66
<i>South, Native Hawaiian or Other Pacific Islander, 2020</i>					

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
April	57	NaN	16	-	2,807.02
May	37	NaN	11	-	2,972.97
June	88	NaN	24	-	2,727.27
July	216	NaN	73	-	3,379.63
August	115	NaN	35	-	3,043.48
September	64	NaN	17	-	2,656.25
October	96	NaN	23	-	2,395.83
November	213	NaN	43	-	2,018.78
December	296	NaN	86	-	2,905.41
<i>South, Native Hawaiian or Other Pacific Islander, 2021</i>					
January	288	NaN	83	-	2,881.94
February	127	NaN	22	-	1,732.28
March	68	NaN	18	-	2,647.06
<i>South, Unknown, 2020</i>					
April	2,610	NaN	463	-	1,773.95
May	2,595	NaN	294	-	1,132.95
June	9,161	NaN	733	-	800.13
July	19,766	NaN	2,408	-	1,218.25
August	10,207	NaN	1,264	-	1,238.37
September	7,862	NaN	890	-	1,132.03
October	12,146	NaN	1,315	-	1,082.66
November	22,187	NaN	2,272	-	1,024.02
December	35,783	NaN	3,637	-	1,016.40
<i>South, Unknown, 2021</i>					
January	33,454	NaN	3,281	-	980.75
February	13,390	NaN	1,397	-	1,043.32
March	9,282	NaN	900	-	969.62
<i>South, White, 2020</i>					
April	3,451	NaN	977	-	2,831.06
May	3,390	NaN	617	-	1,820.06
June	6,808	NaN	1,346	-	1,977.09
July	14,562	NaN	3,453	-	2,371.24
August	9,410	NaN	2,258	-	2,399.57
September	7,933	NaN	1,715	-	2,161.86
October	13,055	NaN	2,796	-	2,141.71

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
November	22,647	NaN	4,864	-	2,147.75
December	37,034	NaN	7,432	-	2,006.80
<i>South, White, 2021</i>					
January	31,199	NaN	6,238	-	1,999.42
February	11,842	NaN	2,352	-	1,986.15
March	7,263	NaN	1,367	-	1,882.14
<i>West, American Indian or Alaska Native, 2020</i>					
April	49	NaN	10	-	2,040.82
May	26	NaN	12	-	4,615.38
June	48	NaN	8	-	1,666.67
July	106	NaN	16	-	1,509.43
August	71	NaN	8	-	1,126.76
September	65	NaN	8	-	1,230.77
October	107	NaN	18	-	1,682.24
November	270	NaN	49	-	1,814.81
December	312	NaN	49	-	1,570.51
<i>West, American Indian or Alaska Native, 2021</i>					
January	204	NaN	30	-	1,470.59
February	88	NaN	12	-	1,363.64
March	51	NaN	4	-	784.31
<i>West, Asian, 2020</i>					
April	254	NaN	40	-	1,574.80
May	143	NaN	16	-	1,118.88
June	273	NaN	28	-	1,025.64
July	597	NaN	60	-	1,005.03
August	443	NaN	28	-	632.05
September	330	NaN	19	-	575.76
October	457	NaN	39	-	853.39
November	1,472	NaN	140	-	951.09
December	1,813	NaN	163	-	899.06
<i>West, Asian, 2021</i>					
January	1,178	NaN	121	-	1,027.16
February	417	NaN	37	-	887.29
March	342	NaN	23	-	672.51
<i>West, Black or African American, 2020</i>					

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
April	323	NaN	84	-	2,600.62
May	145	NaN	24	-	1,655.17
June	242	NaN	34	-	1,404.96
July	554	NaN	85	-	1,534.30
August	305	NaN	40	-	1,311.48
September	198	NaN	15	-	757.58
October	411	NaN	42	-	1,021.90
November	1,012	NaN	136	-	1,343.87
December	1,181	NaN	169	-	1,430.99
<i>West, Black or African American, 2021</i>					
January	823	NaN	111	-	1,348.72
February	319	NaN	55	-	1,724.14
March	270	NaN	30	-	1,111.11
<i>West, Native Hawaiian or Other Pacific Islander, 2020</i>					
April	51	NaN	9	-	1,764.71
May	42	NaN	10	-	2,380.95
June	83	NaN	19	-	2,289.16
July	165	NaN	28	-	1,696.97
August	113	NaN	17	-	1,504.42
September	71	NaN	13	-	1,830.99
October	125	NaN	22	-	1,760.00
November	307	NaN	49	-	1,596.09
December	387	NaN	86	-	2,222.22
<i>West, Native Hawaiian or Other Pacific Islander, 2021</i>					
January	328	NaN	68	-	2,073.17
February	105	NaN	10	-	952.38
March	63	NaN	4	-	634.92
<i>West, Unknown, 2020</i>					
April	1,378	NaN	257	-	1,865.02
May	1,433	NaN	143	-	997.91
June	3,335	NaN	264	-	791.6
July	6,750	NaN	511	-	757.04
August	4,025	NaN	278	-	690.68
September	3,358	NaN	212	-	631.33
October	6,094	NaN	394	-	646.54

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
November	13,822	NaN	982	-	710.46
December	16,978	NaN	1,324	-	779.83
<i>West, Unknown, 2021</i>					
January	12,132	NaN	924	-	761.62
February	4,089	NaN	323	-	789.92
March	2,802	NaN	167	-	596
<i>West, White, 2020</i>					
April	1,929	NaN	436	-	2,260.24
May	1,432	NaN	201	-	1,403.63
June	2,539	NaN	309	-	1,217.01
July	5,369	NaN	613	-	1,141.74
August	3,497	NaN	337	-	963.68
September	3,474	NaN	314	-	903.86
October	6,281	NaN	638	-	1,015.76
November	15,718	NaN	1,678	-	1,067.57
December	16,302	NaN	2,122	-	1,301.68
<i>West, White, 2021</i>					
January	11,893	NaN	1,467	-	1,233.50
February	4,671	NaN	550	-	1,177.48
March	3,948	NaN	286	-	724.42
<i>CB Region (Invalid), American Indian or Alaska Native, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	1	NaN	0	-	0
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	2	NaN	0	-	0
December	0	NaN	0	-	NaN
<i>CB Region (Invalid), American Indian or Alaska Native, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	1	NaN	0	-	0
<i>CB Region (Invalid), Asian, 2020</i>					

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
April	5	NaN	0	-	0
May	1	NaN	0	-	0
June	2	NaN	0	-	0
July	4	NaN	0	-	0
August	3	NaN	0	-	0
September	8	NaN	1	-	1,250.00
October	2	NaN	1	-	5,000.00
November	13	NaN	0	-	0
December	13	NaN	0	-	0
<i>CB Region (Invalid), Asian, 2021</i>					
January	6	NaN	0	-	0
February	3	NaN	0	-	0
March	3	NaN	1	-	3,333.33
<i>CB Region (Invalid), Black or African American, 2020</i>					
April	4	NaN	0	-	0
May	1	NaN	0	-	0
June	0	NaN	0	-	NaN
July	4	NaN	2	-	5,000.00
August	3	NaN	2	-	6,666.67
September	2	NaN	1	-	5,000.00
October	3	NaN	1	-	3,333.33
November	10	NaN	0	-	0
December	4	NaN	0	-	0
<i>CB Region (Invalid), Black or African American, 2021</i>					
January	5	NaN	0	-	0
February	1	NaN	0	-	0
March	2	NaN	0	-	0
<i>CB Region (Invalid), Native Hawaiian or Other Pacific Islander, 2020</i>					
April	1	NaN	1	-	10,000.00
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	1	NaN	0	-	0
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
November	1	NaN	0	-	0
December	1	NaN	0	-	0
<i>CB Region (Invalid), Native Hawaiian or Other Pacific Islander, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Invalid), Unknown, 2020</i>					
April	15	NaN	2	-	1,333.33
May	21	NaN	2	-	952.38
June	30	NaN	1	-	333.33
July	52	NaN	4	-	769.23
August	43	NaN	4	-	930.23
September	44	NaN	0	-	0
October	67	NaN	4	-	597.01
November	81	NaN	6	-	740.74
December	107	NaN	5	-	467.29
<i>CB Region (Invalid), Unknown, 2021</i>					
January	92	NaN	4	-	434.78
February	63	NaN	5	-	793.65
March	62	NaN	1	-	161.29
<i>CB Region (Invalid), White, 2020</i>					
April	8	NaN	3	-	3,750.00
May	7	NaN	1	-	1,428.57
June	18	NaN	3	-	1,666.67
July	28	NaN	6	-	2,142.86
August	20	NaN	2	-	1,000.00
September	20	NaN	4	-	2,000.00
October	40	NaN	6	-	1,500.00
November	75	NaN	8	-	1,066.67
December	110	NaN	10	-	909.09
<i>CB Region (Invalid), White, 2021</i>					
January	72	NaN	6	-	833.33
February	36	NaN	4	-	1,111.11
March	26	NaN	3	-	1,153.85
<i>CB Region (Missing), American Indian or Alaska Native, 2020</i>					

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
April	3	NaN	1	-	3,333.33
May	2	NaN	1	-	5,000.00
June	3	NaN	0	-	0
July	13	NaN	1	-	769.23
August	12	NaN	2	-	1,666.67
September	7	NaN	0	-	0
October	4	NaN	0	-	0
November	27	NaN	0	-	0
December	25	NaN	2	-	800
<i>CB Region (Missing), American Indian or Alaska Native, 2021</i>					
January	16	NaN	1	-	625
February	3	NaN	0	-	0
March	4	NaN	0	-	0
<i>CB Region (Missing), Asian, 2020</i>					
April	42	NaN	7	-	1,666.67
May	8	NaN	0	-	0
June	19	NaN	2	-	1,052.63
July	44	NaN	0	-	0
August	50	NaN	1	-	200
September	26	NaN	3	-	1,153.85
October	37	NaN	3	-	810.81
November	127	NaN	7	-	551.18
December	111	NaN	5	-	450.45
<i>CB Region (Missing), Asian, 2021</i>					
January	59	NaN	1	-	169.49
February	32	NaN	0	-	0
March	33	NaN	0	-	0
<i>CB Region (Missing), Black or African American, 2020</i>					
April	52	NaN	8	-	1,538.46
May	17	NaN	4	-	2,352.94
June	11	NaN	0	-	0
July	87	NaN	1	-	114.94
August	47	NaN	2	-	425.53
September	31	NaN	1	-	322.58
October	26	NaN	0	-	0

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
November	136	NaN	5	-	367.65
December	130	NaN	6	-	461.54
<i>CB Region (Missing), Black or African American, 2021</i>					
January	62	NaN	3	-	483.87
February	24	NaN	1	-	416.67
March	22	NaN	2	-	909.09
<i>CB Region (Missing), Native Hawaiian or Other Pacific Islander, 2020</i>					
April	4	NaN	0	-	0
May	2	NaN	0	-	0
June	10	NaN	0	-	0
July	26	NaN	0	-	0
August	14	NaN	0	-	0
September	12	NaN	0	-	0
October	13	NaN	0	-	0
November	36	NaN	3	-	833.33
December	42	NaN	2	-	476.19
<i>CB Region (Missing), Native Hawaiian or Other Pacific Islander, 2021</i>					
January	28	NaN	3	-	1,071.43
February	20	NaN	2	-	1,000.00
March	10	NaN	1	-	1,000.00
<i>CB Region (Missing), Unknown, 2020</i>					
April	65	NaN	9	-	1,384.62
May	59	NaN	1	-	169.49
June	91	NaN	8	-	879.12
July	191	NaN	9	-	471.2
August	131	NaN	5	-	381.68
September	108	NaN	1	-	92.59
October	163	NaN	7	-	429.45
November	443	NaN	20	-	451.47
December	424	NaN	30	-	707.55
<i>CB Region (Missing), Unknown, 2021</i>					
January	322	NaN	19	-	590.06
February	128	NaN	5	-	390.63
March	134	NaN	8	-	597.01
<i>CB Region (Missing), White, 2020</i>					

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
April	174	NaN	27	-	1,551.72
May	85	NaN	19	-	2,235.29
June	140	NaN	12	-	857.14
July	435	NaN	14	-	321.84
August	281	NaN	7	-	249.11
September	270	NaN	12	-	444.44
October	356	NaN	20	-	561.8
November	919	NaN	35	-	380.85
December	886	NaN	49	-	553.05
<i>CB Region (Missing), White, 2021</i>					
January	636	NaN	38	-	597.48
February	265	NaN	20	-	754.72
March	277	NaN	12	-	433.21
<i>CB Region (Other), American Indian or Alaska Native, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	1	NaN	0	-	0
December	0	NaN	0	-	NaN
<i>CB Region (Other), American Indian or Alaska Native, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Asian, 2020</i>					
April	3	NaN	0	-	0
May	1	NaN	0	-	0
June	2	NaN	0	-	0
July	4	NaN	0	-	0
August	4	NaN	0	-	0
September	4	NaN	1	-	2,500.00
October	9	NaN	3	-	3,333.33

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
November	5	NaN	1	-	2,000.00
December	4	NaN	1	-	2,500.00
<i>CB Region (Other), Asian, 2021</i>					
January	1	NaN	0	-	0
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Black or African American, 2020</i>					
April	2	NaN	0	-	0
May	0	NaN	0	-	NaN
June	1	NaN	0	-	0
July	2	NaN	0	-	0
August	1	NaN	0	-	0
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	1	NaN	0	-	0
<i>CB Region (Other), Black or African American, 2021</i>					
January	2	NaN	0	-	0
February	0	NaN	0	-	NaN
March	1	NaN	0	-	0
<i>CB Region (Other), Native Hawaiian or Other Pacific Islander, 2020</i>					
April	2	NaN	1	-	5,000.00
May	6	NaN	1	-	1,666.67
June	4	NaN	0	-	0
July	8	NaN	0	-	0
August	9	NaN	0	-	0
September	5	NaN	1	-	2,000.00
October	13	NaN	7	-	5,384.62
November	7	NaN	4	-	5,714.29
December	5	NaN	2	-	4,000.00
<i>CB Region (Other), Native Hawaiian or Other Pacific Islander, 2021</i>					
January	2	NaN	0	-	0
February	2	NaN	1	-	5,000.00
March	1	NaN	1	-	10,000.00
<i>CB Region (Other), Unknown, 2020</i>					

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
April	12	NaN	2	-	1,666.67
May	36	NaN	2	-	555.56
June	30	NaN	0	-	0
July	45	NaN	4	-	888.89
August	74	NaN	16	-	2,162.16
September	31	NaN	7	-	2,258.06
October	92	NaN	23	-	2,500.00
November	63	NaN	16	-	2,539.68
December	25	NaN	6	-	2,400.00
<i>CB Region (Other), Unknown, 2021</i>					
January	16	NaN	2	-	1,250.00
February	3	NaN	0	-	0
March	1	NaN	1	-	10,000.00
<i>CB Region (Other), White, 2020</i>					
April	0	NaN	0	-	NaN
May	1	NaN	0	-	0
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	1	NaN	0	-	0
September	0	NaN	0	-	NaN
October	1	NaN	0	-	0
November	0	NaN	0	-	NaN
December	1	NaN	0	-	0
<i>CB Region (Other), White, 2021</i>					
January	1	NaN	1	-	10,000.00
February	1	NaN	0	-	0
March	0	NaN	0	-	NaN
Index = COVID+; Outcome = Hospitalized with Critical COVID					
<i>Midwest, American Indian or Alaska Native, 2020</i>					
April	11	NaN	6	-	5,454.55
May	41	NaN	3	-	731.71
June	20	NaN	4	-	2,000.00
July	36	NaN	0	-	0
August	23	NaN	4	-	1,739.13
September	33	NaN	2	-	606.06

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
October	92	NaN	5	-	543.48
November	187	NaN	11	-	588.24
December	137	NaN	10	-	729.93
<i>Midwest, American Indian or Alaska Native, 2021</i>					
January	63	NaN	2	-	317.46
February	22	NaN	0	-	0
March	30	NaN	2	-	666.67
<i>Midwest, Asian, 2020</i>					
April	84	NaN	17	-	2,023.81
May	213	NaN	12	-	563.38
June	165	NaN	8	-	484.85
July	122	NaN	1	-	81.97
August	122	NaN	8	-	655.74
September	155	NaN	8	-	516.13
October	350	NaN	21	-	600
November	927	NaN	42	-	453.07
December	634	NaN	35	-	552.05
<i>Midwest, Asian, 2021</i>					
January	288	NaN	17	-	590.28
February	154	NaN	11	-	714.29
March	179	NaN	12	-	670.39
<i>Midwest, Black or African American, 2020</i>					
April	1,135	NaN	333	-	2,933.92
May	908	NaN	151	-	1,663.00
June	549	NaN	85	-	1,548.27
July	1,038	NaN	132	-	1,271.68
August	772	NaN	94	-	1,217.62
September	506	NaN	52	-	1,027.67
October	1,046	NaN	153	-	1,462.72
November	2,468	NaN	306	-	1,239.87
December	2,204	NaN	321	-	1,456.44
<i>Midwest, Black or African American, 2021</i>					
January	1,289	NaN	186	-	1,442.98
February	528	NaN	45	-	852.27
March	567	NaN	52	-	917.11

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>Midwest, Native Hawaiian or Other Pacific Islander, 2020</i>					
April	25	NaN	9	-	3,600.00
May	29	NaN	5	-	1,724.14
June	24	NaN	5	-	2,083.33
July	36	NaN	7	-	1,944.44
August	26	NaN	5	-	1,923.08
September	42	NaN	3	-	714.29
October	65	NaN	6	-	923.08
November	179	NaN	26	-	1,452.51
December	153	NaN	21	-	1,372.55
<i>Midwest, Native Hawaiian or Other Pacific Islander, 2021</i>					
January	114	NaN	17	-	1,491.23
February	35	NaN	5	-	1,428.57
March	28	NaN	4	-	1,428.57
<i>Midwest, Unknown, 2020</i>					
April	1,047	NaN	153	-	1,461.32
May	1,594	NaN	115	-	721.46
June	1,186	NaN	56	-	472.18
July	3,607	NaN	273	-	756.86
August	3,535	NaN	246	-	695.9
September	4,836	NaN	309	-	638.96
October	9,432	NaN	590	-	625.53
November	20,939	NaN	1,273	-	607.96
December	15,638	NaN	1,036	-	662.49
<i>Midwest, Unknown, 2021</i>					
January	9,476	NaN	671	-	708.1
February	4,175	NaN	267	-	639.52
March	4,224	NaN	207	-	490.06
<i>Midwest, White, 2020</i>					
April	2,013	NaN	404	-	2,006.95
May	2,719	NaN	276	-	1,015.08
June	2,259	NaN	157	-	695
July	3,454	NaN	300	-	868.56
August	3,661	NaN	337	-	920.51
September	4,910	NaN	387	-	788.19

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
October	11,008	NaN	967	-	878.45
November	25,194	NaN	2,004	-	795.43
December	17,489	NaN	1,536	-	878.27
<i>Midwest, White, 2021</i>					
January	10,552	NaN	946	-	896.51
February	4,339	NaN	357	-	822.77
March	4,831	NaN	278	-	575.45
<i>Northeast, American Indian or Alaska Native, 2020</i>					
April	25	NaN	1	-	400
May	6	NaN	0	-	0
June	6	NaN	0	-	0
July	6	NaN	0	-	0
August	8	NaN	1	-	1,250.00
September	7	NaN	0	-	0
October	12	NaN	1	-	833.33
November	25	NaN	0	-	0
December	37	NaN	0	-	0
<i>Northeast, American Indian or Alaska Native, 2021</i>					
January	39	NaN	2	-	512.82
February	11	NaN	0	-	0
March	21	NaN	2	-	952.38
<i>Northeast, Asian, 2020</i>					
April	485	NaN	46	-	948.45
May	240	NaN	9	-	375
June	165	NaN	2	-	121.21
July	209	NaN	5	-	239.23
August	202	NaN	3	-	148.51
September	171	NaN	3	-	175.44
October	231	NaN	4	-	173.16
November	548	NaN	19	-	346.72
December	723	NaN	25	-	345.78
<i>Northeast, Asian, 2021</i>					
January	628	NaN	17	-	270.7
February	390	NaN	10	-	256.41
March	414	NaN	9	-	217.39

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>Northeast, Black or African American, 2020</i>					
April	1,589	NaN	334	-	2,101.95
May	712	NaN	62	-	870.79
June	464	NaN	23	-	495.69
July	570	NaN	20	-	350.88
August	481	NaN	12	-	249.48
September	363	NaN	10	-	275.48
October	474	NaN	30	-	632.91
November	1,081	NaN	133	-	1,230.34
December	1,459	NaN	160	-	1,096.64
<i>Northeast, Black or African American, 2021</i>					
January	1,282	NaN	117	-	912.64
February	753	NaN	86	-	1,142.10
March	845	NaN	66	-	781.07
<i>Northeast, Native Hawaiian or Other Pacific Islander, 2020</i>					
April	34	NaN	9	-	2,647.06
May	20	NaN	0	-	0
June	17	NaN	0	-	0
July	16	NaN	1	-	625
August	15	NaN	0	-	0
September	11	NaN	2	-	1,818.18
October	18	NaN	1	-	555.56
November	44	NaN	2	-	454.55
December	57	NaN	4	-	701.75
<i>Northeast, Native Hawaiian or Other Pacific Islander, 2021</i>					
January	71	NaN	7	-	985.92
February	30	NaN	5	-	1,666.67
March	27	NaN	0	-	0
<i>Northeast, Unknown, 2020</i>					
April	5,575	NaN	399	-	715.7
May	3,636	NaN	87	-	239.27
June	2,427	NaN	29	-	119.49
July	4,129	NaN	146	-	353.6
August	3,626	NaN	107	-	295.09
September	3,554	NaN	90	-	253.24

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
October	5,119	NaN	207	-	404.38
November	11,952	NaN	630	-	527.11
December	16,558	NaN	951	-	574.34
<i>Northeast, Unknown, 2021</i>					
January	13,234	NaN	581	-	439.02
February	6,997	NaN	261	-	373.02
March	8,290	NaN	282	-	340.17
<i>Northeast, White, 2020</i>					
April	4,076	NaN	588	-	1,442.59
May	3,385	NaN	212	-	626.29
June	2,488	NaN	73	-	293.41
July	2,647	NaN	82	-	309.78
August	2,207	NaN	74	-	335.3
September	2,251	NaN	84	-	373.17
October	3,186	NaN	197	-	618.33
November	7,509	NaN	540	-	719.14
December	11,043	NaN	844	-	764.29
<i>Northeast, White, 2021</i>					
January	9,191	NaN	607	-	660.43
February	4,514	NaN	272	-	602.57
March	5,175	NaN	240	-	463.77
<i>South, American Indian or Alaska Native, 2020</i>					
April	24	NaN	7	-	2,916.67
May	15	NaN	2	-	1,333.33
June	62	NaN	6	-	967.74
July	104	NaN	8	-	769.23
August	52	NaN	7	-	1,346.15
September	64	NaN	8	-	1,250.00
October	93	NaN	6	-	645.16
November	163	NaN	11	-	674.85
December	228	NaN	28	-	1,228.07
<i>South, American Indian or Alaska Native, 2021</i>					
January	211	NaN	26	-	1,232.23
February	59	NaN	5	-	847.46
March	45	NaN	3	-	666.67

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>South, Asian, 2020</i>					
April	101	NaN	18	-	1,782.18
May	110	NaN	13	-	1,181.82
June	246	NaN	29	-	1,178.86
July	452	NaN	45	-	995.58
August	214	NaN	20	-	934.58
September	179	NaN	15	-	837.99
October	245	NaN	15	-	612.24
November	552	NaN	40	-	724.64
December	972	NaN	77	-	792.18
<i>South, Asian, 2021</i>					
January	996	NaN	81	-	813.25
February	408	NaN	27	-	661.76
March	261	NaN	14	-	536.4
<i>South, Black or African American, 2020</i>					
April	2,567	NaN	591	-	2,302.30
May	1,511	NaN	287	-	1,899.40
June	2,807	NaN	565	-	2,012.83
July	6,474	NaN	1,271	-	1,963.24
August	3,571	NaN	646	-	1,809.02
September	2,072	NaN	326	-	1,573.36
October	2,653	NaN	464	-	1,748.96
November	4,278	NaN	734	-	1,715.76
December	7,958	NaN	1,274	-	1,600.90
<i>South, Black or African American, 2021</i>					
January	8,468	NaN	1,289	-	1,522.20
February	3,540	NaN	582	-	1,644.07
March	2,033	NaN	322	-	1,583.87
<i>South, Native Hawaiian or Other Pacific Islander, 2020</i>					
April	57	NaN	11	-	1,929.82
May	37	NaN	8	-	2,162.16
June	88	NaN	12	-	1,363.64
July	216	NaN	54	-	2,500.00
August	115	NaN	20	-	1,739.13

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
September	64	NaN	12	-	1,875.00
October	96	NaN	15	-	1,562.50
November	213	NaN	26	-	1,220.66
December	296	NaN	54	-	1,824.32
<i>South, Native Hawaiian or Other Pacific Islander, 2021</i>					
January	288	NaN	45	-	1,562.50
February	127	NaN	13	-	1,023.62
March	68	NaN	12	-	1,764.71
<i>South, Unknown, 2020</i>					
April	2,610	NaN	262	-	1,003.83
May	2,595	NaN	176	-	678.23
June	9,161	NaN	458	-	499.95
July	19,766	NaN	1,459	-	738.14
August	10,207	NaN	753	-	737.73
September	7,862	NaN	536	-	681.76
October	12,146	NaN	734	-	604.31
November	22,187	NaN	1,250	-	563.39
December	35,783	NaN	2,005	-	560.32
<i>South, Unknown, 2021</i>					
January	33,454	NaN	1,751	-	523.41
February	13,390	NaN	824	-	615.38
March	9,282	NaN	506	-	545.14
<i>South, White, 2020</i>					
April	3,451	NaN	607	-	1,758.91
May	3,390	NaN	376	-	1,109.14
June	6,808	NaN	893	-	1,311.69
July	14,562	NaN	2,110	-	1,448.98
August	9,410	NaN	1,388	-	1,475.03
September	7,933	NaN	1,030	-	1,298.37
October	13,055	NaN	1,642	-	1,257.76
November	22,647	NaN	2,817	-	1,243.87
December	37,034	NaN	4,113	-	1,110.60
<i>South, White, 2021</i>					
January	31,199	NaN	3,373	-	1,081.12
February	11,842	NaN	1,377	-	1,162.81

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
March	7,263	NaN	775	-	1,067.05
<i>West, American Indian or Alaska Native, 2020</i>					
April	49	NaN	6	-	1,224.49
May	26	NaN	6	-	2,307.69
June	48	NaN	3	-	625
July	106	NaN	13	-	1,226.42
August	71	NaN	4	-	563.38
September	65	NaN	4	-	615.38
October	107	NaN	9	-	841.12
November	270	NaN	25	-	925.93
December	312	NaN	25	-	801.28
<i>West, American Indian or Alaska Native, 2021</i>					
January	204	NaN	11	-	539.22
February	88	NaN	4	-	454.55
March	51	NaN	2	-	392.16
<i>West, Asian, 2020</i>					
April	254	NaN	22	-	866.14
May	143	NaN	9	-	629.37
June	273	NaN	17	-	622.71
July	597	NaN	32	-	536.01
August	443	NaN	18	-	406.32
September	330	NaN	11	-	333.33
October	457	NaN	24	-	525.16
November	1,472	NaN	65	-	441.58
December	1,813	NaN	92	-	507.45
<i>West, Asian, 2021</i>					
January	1,178	NaN	74	-	628.18
February	417	NaN	22	-	527.58
March	342	NaN	15	-	438.6
<i>West, Black or African American, 2020</i>					
April	323	NaN	49	-	1,517.03
May	145	NaN	15	-	1,034.48
June	242	NaN	22	-	909.09
July	554	NaN	53	-	956.68
August	305	NaN	18	-	590.16

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
September	198	NaN	11	-	555.56
October	411	NaN	20	-	486.62
November	1,012	NaN	53	-	523.72
December	1,181	NaN	99	-	838.27
<i>West, Black or African American, 2021</i>					
January	823	NaN	57	-	692.59
February	319	NaN	31	-	971.79
March	270	NaN	13	-	481.48
<i>West, Native Hawaiian or Other Pacific Islander, 2020</i>					
April	51	NaN	5	-	980.39
May	42	NaN	2	-	476.19
June	83	NaN	12	-	1,445.78
July	165	NaN	19	-	1,151.52
August	113	NaN	11	-	973.45
September	71	NaN	6	-	845.07
October	125	NaN	13	-	1,040.00
November	307	NaN	34	-	1,107.49
December	387	NaN	47	-	1,214.47
<i>West, Native Hawaiian or Other Pacific Islander, 2021</i>					
January	328	NaN	43	-	1,310.98
February	105	NaN	7	-	666.67
March	63	NaN	1	-	158.73
<i>West, Unknown, 2020</i>					
April	1,378	NaN	149	-	1,081.28
May	1,433	NaN	91	-	635.03
June	3,335	NaN	167	-	500.75
July	6,750	NaN	314	-	465.19
August	4,025	NaN	169	-	419.88
September	3,358	NaN	118	-	351.4
October	6,094	NaN	209	-	342.96
November	13,822	NaN	551	-	398.64
December	16,978	NaN	756	-	445.28
<i>West, Unknown, 2021</i>					
January	12,132	NaN	522	-	430.27
February	4,089	NaN	169	-	413.3

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
March	2,802	NaN	87	-	310.49
<i>West, White, 2020</i>					
April	1,929	NaN	246	-	1,275.27
May	1,432	NaN	115	-	803.07
June	2,539	NaN	207	-	815.28
July	5,369	NaN	393	-	731.98
August	3,497	NaN	194	-	554.76
September	3,474	NaN	160	-	460.56
October	6,281	NaN	343	-	546.09
November	15,718	NaN	853	-	542.69
December	16,302	NaN	1,196	-	733.65
<i>West, White, 2021</i>					
January	11,893	NaN	826	-	694.53
February	4,671	NaN	278	-	595.16
March	3,948	NaN	145	-	367.27
<i>CB Region (Invalid), American Indian or Alaska Native, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	1	NaN	0	-	0
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	2	NaN	0	-	0
December	0	NaN	0	-	NaN
<i>CB Region (Invalid), American Indian or Alaska Native, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	1	NaN	0	-	0
<i>CB Region (Invalid), Asian, 2020</i>					
April	5	NaN	0	-	0
May	1	NaN	0	-	0
June	2	NaN	0	-	0
July	4	NaN	0	-	0
August	3	NaN	0	-	0

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
September	8	NaN	1	-	1,250.00
October	2	NaN	0	-	0
November	13	NaN	0	-	0
December	13	NaN	0	-	0
<i>CB Region (Invalid), Asian, 2021</i>					
January	6	NaN	0	-	0
February	3	NaN	0	-	0
March	3	NaN	1	-	3,333.33
<i>CB Region (Invalid), Black or African American, 2020</i>					
April	4	NaN	0	-	0
May	1	NaN	0	-	0
June	0	NaN	0	-	NaN
July	4	NaN	0	-	0
August	3	NaN	1	-	3,333.33
September	2	NaN	0	-	0
October	3	NaN	1	-	3,333.33
November	10	NaN	0	-	0
December	4	NaN	0	-	0
<i>CB Region (Invalid), Black or African American, 2021</i>					
January	5	NaN	0	-	0
February	1	NaN	0	-	0
March	2	NaN	0	-	0
<i>CB Region (Invalid), Native Hawaiian or Other Pacific Islander, 2020</i>					
April	1	NaN	0	-	0
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	1	NaN	0	-	0
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	1	NaN	0	-	0
December	1	NaN	0	-	0
<i>CB Region (Invalid), Native Hawaiian or Other Pacific Islander, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
March	0	NaN	0	-	NaN
<i>CB Region (Invalid), Unknown, 2020</i>					
April	15	NaN	1	-	666.67
May	21	NaN	1	-	476.19
June	30	NaN	0	-	0
July	52	NaN	2	-	384.62
August	43	NaN	1	-	232.56
September	44	NaN	0	-	0
October	67	NaN	3	-	447.76
November	81	NaN	3	-	370.37
December	107	NaN	2	-	186.92
<i>CB Region (Invalid), Unknown, 2021</i>					
January	92	NaN	1	-	108.7
February	63	NaN	1	-	158.73
March	62	NaN	0	-	0
<i>CB Region (Invalid), White, 2020</i>					
April	8	NaN	2	-	2,500.00
May	7	NaN	1	-	1,428.57
June	18	NaN	2	-	1,111.11
July	28	NaN	0	-	0
August	20	NaN	1	-	500
September	20	NaN	3	-	1,500.00
October	40	NaN	5	-	1,250.00
November	75	NaN	2	-	266.67
December	110	NaN	9	-	818.18
<i>CB Region (Invalid), White, 2021</i>					
January	72	NaN	5	-	694.44
February	36	NaN	1	-	277.78
March	26	NaN	2	-	769.23
<i>CB Region (Missing), American Indian or Alaska Native, 2020</i>					
April	3	NaN	0	-	0
May	2	NaN	1	-	5,000.00
June	3	NaN	0	-	0
July	13	NaN	0	-	0
August	12	NaN	1	-	833.33

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
September	7	NaN	0	-	0
October	4	NaN	0	-	0
November	27	NaN	0	-	0
December	25	NaN	1	-	400
<i>CB Region (Missing), American Indian or Alaska Native, 2021</i>					
January	16	NaN	0	-	0
February	3	NaN	0	-	0
March	4	NaN	0	-	0
<i>CB Region (Missing), Asian, 2020</i>					
April	42	NaN	6	-	1,428.57
May	8	NaN	0	-	0
June	19	NaN	1	-	526.32
July	44	NaN	0	-	0
August	50	NaN	1	-	200
September	26	NaN	1	-	384.62
October	37	NaN	2	-	540.54
November	127	NaN	4	-	314.96
December	111	NaN	1	-	90.09
<i>CB Region (Missing), Asian, 2021</i>					
January	59	NaN	1	-	169.49
February	32	NaN	0	-	0
March	33	NaN	0	-	0
<i>CB Region (Missing), Black or African American, 2020</i>					
April	52	NaN	7	-	1,346.15
May	17	NaN	2	-	1,176.47
June	11	NaN	0	-	0
July	87	NaN	0	-	0
August	47	NaN	1	-	212.77
September	31	NaN	0	-	0
October	26	NaN	0	-	0
November	136	NaN	5	-	367.65
December	130	NaN	5	-	384.62
<i>CB Region (Missing), Black or African American, 2021</i>					
January	62	NaN	2	-	322.58
February	24	NaN	1	-	416.67

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
March	22	NaN	0	-	0
<i>CB Region (Missing), Native Hawaiian or Other Pacific Islander, 2020</i>					
April	4	NaN	0	-	0
May	2	NaN	0	-	0
June	10	NaN	0	-	0
July	26	NaN	0	-	0
August	14	NaN	0	-	0
September	12	NaN	0	-	0
October	13	NaN	0	-	0
November	36	NaN	2	-	555.56
December	42	NaN	2	-	476.19
<i>CB Region (Missing), Native Hawaiian or Other Pacific Islander, 2021</i>					
January	28	NaN	1	-	357.14
February	20	NaN	2	-	1,000.00
March	10	NaN	1	-	1,000.00
<i>CB Region (Missing), Unknown, 2020</i>					
April	65	NaN	5	-	769.23
May	59	NaN	0	-	0
June	91	NaN	1	-	109.89
July	191	NaN	3	-	157.07
August	131	NaN	3	-	229.01
September	108	NaN	0	-	0
October	163	NaN	5	-	306.75
November	443	NaN	11	-	248.31
December	424	NaN	14	-	330.19
<i>CB Region (Missing), Unknown, 2021</i>					
January	322	NaN	9	-	279.5
February	128	NaN	4	-	312.5
March	134	NaN	4	-	298.51
<i>CB Region (Missing), White, 2020</i>					
April	174	NaN	21	-	1,206.90
May	85	NaN	12	-	1,411.76
June	140	NaN	7	-	500
July	435	NaN	9	-	206.9
August	281	NaN	3	-	106.76

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
September	270	NaN	8	-	296.3
October	356	NaN	11	-	308.99
November	919	NaN	21	-	228.51
December	886	NaN	20	-	225.73
<i>CB Region (Missing), White, 2021</i>					
January	636	NaN	25	-	393.08
February	265	NaN	10	-	377.36
March	277	NaN	4	-	144.4
<i>CB Region (Other), American Indian or Alaska Native, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	1	NaN	0	-	0
December	0	NaN	0	-	NaN
<i>CB Region (Other), American Indian or Alaska Native, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Asian, 2020</i>					
April	3	NaN	0	-	0
May	1	NaN	0	-	0
June	2	NaN	0	-	0
July	4	NaN	0	-	0
August	4	NaN	0	-	0
September	4	NaN	1	-	2,500.00
October	9	NaN	2	-	2,222.22
November	5	NaN	1	-	2,000.00
December	4	NaN	1	-	2,500.00
<i>CB Region (Other), Asian, 2021</i>					
January	1	NaN	0	-	0

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Black or African American, 2020</i>					
April	2	NaN	0	-	0
May	0	NaN	0	-	NaN
June	1	NaN	0	-	0
July	2	NaN	0	-	0
August	1	NaN	0	-	0
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	1	NaN	0	-	0
<i>CB Region (Other), Black or African American, 2021</i>					
January	2	NaN	0	-	0
February	0	NaN	0	-	NaN
March	1	NaN	0	-	0
<i>CB Region (Other), Native Hawaiian or Other Pacific Islander, 2020</i>					
April	2	NaN	0	-	0
May	6	NaN	1	-	1,666.67
June	4	NaN	0	-	0
July	8	NaN	0	-	0
August	9	NaN	0	-	0
September	5	NaN	1	-	2,000.00
October	13	NaN	4	-	3,076.92
November	7	NaN	4	-	5,714.29
December	5	NaN	2	-	4,000.00
<i>CB Region (Other), Native Hawaiian or Other Pacific Islander, 2021</i>					
January	2	NaN	0	-	0
February	2	NaN	1	-	5,000.00
March	1	NaN	1	-	10,000.00
<i>CB Region (Other), Unknown, 2020</i>					
April	12	NaN	1	-	833.33
May	36	NaN	1	-	277.78
June	30	NaN	0	-	0

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
July	45	NaN	4	-	888.89
August	74	NaN	13	-	1,756.76
September	31	NaN	6	-	1,935.48
October	92	NaN	11	-	1,195.65
November	63	NaN	7	-	1,111.11
December	25	NaN	4	-	1,600.00
<i>CB Region (Other), Unknown, 2021</i>					
January	16	NaN	2	-	1,250.00
February	3	NaN	0	-	0
March	1	NaN	1	-	10,000.00
<i>CB Region (Other), White, 2020</i>					
April	0	NaN	0	-	NaN
May	1	NaN	0	-	0
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	1	NaN	0	-	0
September	0	NaN	0	-	NaN
October	1	NaN	0	-	0
November	0	NaN	0	-	NaN
December	1	NaN	0	-	0
<i>CB Region (Other), White, 2021</i>					
January	1	NaN	1	-	10,000.00
February	1	NaN	0	-	0
March	0	NaN	0	-	NaN
Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID					
<i>Midwest, American Indian or Alaska Native, 2020</i>					
April	4	NaN	4	-	10,000.00
May	10	NaN	4	-	4,000.00
June	4	NaN	4	-	10,000.00
July	2	NaN	0	-	0
August	6	NaN	4	-	6,666.67
September	4	NaN	0	-	0
October	14	NaN	6	-	4,285.71
November	25	NaN	12	-	4,800.00
December	20	NaN	9	-	4,500.00

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>Midwest, American Indian or Alaska Native, 2021</i>					
January	13	NaN	4	-	3,076.92
February	1	NaN	0	-	0
March	6	NaN	2	-	3,333.33
<i>Midwest, Asian, 2020</i>					
April	25	NaN	14	-	5,600.00
May	31	NaN	15	-	4,838.71
June	14	NaN	7	-	5,000.00
July	6	NaN	1	-	1,666.67
August	19	NaN	5	-	2,631.58
September	23	NaN	11	-	4,782.61
October	32	NaN	16	-	5,000.00
November	110	NaN	46	-	4,181.82
December	77	NaN	35	-	4,545.45
<i>Midwest, Asian, 2021</i>					
January	38	NaN	17	-	4,473.68
February	20	NaN	11	-	5,500.00
March	28	NaN	14	-	5,000.00
<i>Midwest, Black or African American, 2020</i>					
April	514	NaN	320	-	6,225.68
May	233	NaN	146	-	6,266.09
June	119	NaN	80	-	6,722.69
July	224	NaN	133	-	5,937.50
August	151	NaN	95	-	6,291.39
September	96	NaN	53	-	5,520.83
October	232	NaN	142	-	6,120.69
November	551	NaN	303	-	5,499.09
December	595	NaN	334	-	5,613.45
<i>Midwest, Black or African American, 2021</i>					
January	334	NaN	196	-	5,868.26
February	123	NaN	55	-	4,471.54
March	108	NaN	53	-	4,907.41
<i>Midwest, Native Hawaiian or Other Pacific Islander, 2020</i>					
April	11	NaN	8	-	7,272.73
May	12	NaN	4	-	3,333.33

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
June	7	NaN	5	-	7,142.86
July	9	NaN	6	-	6,666.67
August	7	NaN	4	-	5,714.29
September	5	NaN	4	-	8,000.00
October	12	NaN	6	-	5,000.00
November	52	NaN	23	-	4,423.08
December	49	NaN	26	-	5,306.12
<i>Midwest, Native Hawaiian or Other Pacific Islander, 2021</i>					
January	26	NaN	17	-	6,538.46
February	11	NaN	6	-	5,454.55
March	7	NaN	4	-	5,714.29
<i>Midwest, Unknown, 2020</i>					
April	226	NaN	144	-	6,371.68
May	199	NaN	112	-	5,628.14
June	93	NaN	58	-	6,236.56
July	376	NaN	247	-	6,569.15
August	425	NaN	212	-	4,988.24
September	515	NaN	295	-	5,728.16
October	1,077	NaN	567	-	5,264.62
November	2,469	NaN	1,228	-	4,973.67
December	2,081	NaN	1,068	-	5,132.15
<i>Midwest, Unknown, 2021</i>					
January	1,324	NaN	717	-	5,415.41
February	541	NaN	316	-	5,841.04
March	449	NaN	232	-	5,167.04
<i>Midwest, White, 2020</i>					
April	610	NaN	358	-	5,868.85
May	513	NaN	272	-	5,302.14
June	269	NaN	148	-	5,501.86
July	468	NaN	275	-	5,876.07
August	584	NaN	322	-	5,513.70
September	724	NaN	353	-	4,875.69
October	1,704	NaN	876	-	5,140.85
November	3,976	NaN	1,964	-	4,939.64
December	3,229	NaN	1,628	-	5,041.81

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>Midwest, White, 2021</i>					
January	2,074	NaN	1,048	-	5,053.04
February	789	NaN	391	-	4,955.64
March	621	NaN	314	-	5,056.36
<i>Northeast, American Indian or Alaska Native, 2020</i>					
April	3	NaN	1	-	3,333.33
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	1	NaN	1	-	10,000.00
September	0	NaN	0	-	NaN
October	1	NaN	1	-	10,000.00
November	1	NaN	0	-	0
December	1	NaN	0	-	0
<i>Northeast, American Indian or Alaska Native, 2021</i>					
January	3	NaN	2	-	6,666.67
February	1	NaN	0	-	0
March	3	NaN	2	-	6,666.67
<i>Northeast, Asian, 2020</i>					
April	92	NaN	45	-	4,891.30
May	13	NaN	9	-	6,923.08
June	6	NaN	2	-	3,333.33
July	5	NaN	3	-	6,000.00
August	1	NaN	0	-	0
September	4	NaN	2	-	5,000.00
October	3	NaN	2	-	6,666.67
November	34	NaN	20	-	5,882.35
<i>Northeast, Asian, 2021</i>					
January	53	NaN	24	-	4,528.30
February	38	NaN	12	-	3,157.89
March	25	NaN	12	-	4,800.00
December	49	NaN	21	-	4,285.71
<i>Northeast, Black or African American, 2020</i>					
April	619	NaN	321	-	5,185.78
May	134	NaN	64	-	4,776.12

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
June	46	NaN	26	-	5,652.17
July	37	NaN	17	-	4,594.59
August	30	NaN	13	-	4,333.33
September	14	NaN	10	-	7,142.86
October	48	NaN	25	-	5,208.33
November	203	NaN	129	-	6,354.68
December	294	NaN	161	-	5,476.19
<i>Northeast, Black or African American, 2021</i>					
January	266	NaN	127	-	4,774.44
February	186	NaN	90	-	4,838.71
March	169	NaN	70	-	4,142.01
<i>Northeast, Native Hawaiian or Other Pacific Islander, 2020</i>					
April	15	NaN	8	-	5,333.33
May	3	NaN	1	-	3,333.33
June	2	NaN	0	-	0
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	2	NaN	2	-	10,000.00
October	4	NaN	1	-	2,500.00
November	4	NaN	2	-	5,000.00
December	10	NaN	4	-	4,000.00
<i>Northeast, Native Hawaiian or Other Pacific Islander, 2021</i>					
January	14	NaN	8	-	5,714.29
February	8	NaN	5	-	6,250.00
March	6	NaN	0	-	0
<i>Northeast, Unknown, 2020</i>					
April	776	NaN	372	-	4,793.81
May	203	NaN	98	-	4,827.59
June	74	NaN	27	-	3,648.65
July	184	NaN	113	-	6,141.30
August	160	NaN	93	-	5,812.50
September	144	NaN	81	-	5,625.00
October	309	NaN	192	-	6,213.59
November	1,014	NaN	586	-	5,779.09
December	1,783	NaN	954	-	5,350.53

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>Northeast, Unknown, 2021</i>					
January	1,272	NaN	642	-	5,047.17
February	594	NaN	295	-	4,966.33
March	673	NaN	317	-	4,710.25
<i>Northeast, White, 2020</i>					
April	1,006	NaN	539	-	5,357.85
May	372	NaN	219	-	5,887.10
June	129	NaN	61	-	4,728.68
July	106	NaN	67	-	6,320.75
August	119	NaN	75	-	6,302.52
September	118	NaN	78	-	6,610.17
October	263	NaN	168	-	6,387.83
November	874	NaN	509	-	5,823.80
December	1,608	NaN	857	-	5,329.60
<i>Northeast, White, 2021</i>					
January	1,343	NaN	671	-	4,996.28
February	631	NaN	303	-	4,801.90
March	569	NaN	266	-	4,674.87
<i>South, American Indian or Alaska Native, 2020</i>					
April	10	NaN	7	-	7,000.00
May	2	NaN	2	-	10,000.00
June	5	NaN	4	-	8,000.00
July	16	NaN	9	-	5,625.00
August	11	NaN	6	-	5,454.55
September	9	NaN	6	-	6,666.67
October	15	NaN	8	-	5,333.33
November	18	NaN	10	-	5,555.56
December	41	NaN	24	-	5,853.66
<i>South, American Indian or Alaska Native, 2021</i>					
January	53	NaN	32	-	6,037.74
February	11	NaN	5	-	4,545.45
March	5	NaN	4	-	8,000.00
<i>South, Asian, 2020</i>					
April	22	NaN	15	-	6,818.18
May	16	NaN	13	-	8,125.00

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
June	35	NaN	28	-	8,000.00
July	62	NaN	46	-	7,419.35
August	27	NaN	19	-	7,037.04
September	16	NaN	13	-	8,125.00
October	30	NaN	17	-	5,666.67
November	60	NaN	39	-	6,500.00
December	116	NaN	69	-	5,948.28
<i>South, Asian, 2021</i>					
January	139	NaN	85	-	6,115.11
February	57	NaN	35	-	6,140.35
March	29	NaN	15	-	5,172.41
<i>South, Black or African American, 2020</i>					
April	833	NaN	546	-	6,554.62
May	428	NaN	275	-	6,425.23
June	787	NaN	497	-	6,315.12
July	2,102	NaN	1,255	-	5,970.50
August	1,133	NaN	671	-	5,922.33
September	553	NaN	322	-	5,822.78
October	764	NaN	462	-	6,047.12
November	1,230	NaN	719	-	5,845.53
December	2,182	NaN	1,253	-	5,742.44
<i>South, Black or African American, 2021</i>					
January	2,419	NaN	1,337	-	5,527.08
February	1,145	NaN	653	-	5,703.06
March	605	NaN	361	-	5,966.94
<i>South, Native Hawaiian or Other Pacific Islander, 2020</i>					
April	12	NaN	10	-	8,333.33
May	13	NaN	8	-	6,153.85
June	19	NaN	9	-	4,736.84
July	75	NaN	55	-	7,333.33
August	38	NaN	22	-	5,789.47
September	18	NaN	12	-	6,666.67
October	20	NaN	13	-	6,500.00
November	38	NaN	25	-	6,578.95
December	79	NaN	49	-	6,202.53

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>South, Native Hawaiian or Other Pacific Islander, 2021</i>					
January	92	NaN	53	-	5,760.87
February	26	NaN	13	-	5,000.00
March	21	NaN	13	-	6,190.48
<i>South, Unknown, 2020</i>					
April	411	NaN	238	-	5,790.75
May	286	NaN	179	-	6,258.74
June	605	NaN	385	-	6,363.64
July	2,299	NaN	1,385	-	6,024.36
August	1,341	NaN	809	-	6,032.81
September	869	NaN	513	-	5,903.34
October	1,242	NaN	708	-	5,700.48
November	2,145	NaN	1,173	-	5,468.53
December	3,517	NaN	1,940	-	5,516.06
<i>South, Unknown, 2021</i>					
January	3,499	NaN	1,880	-	5,372.96
February	1,602	NaN	920	-	5,742.82
March	1,038	NaN	584	-	5,626.20
<i>South, White, 2020</i>					
April	857	NaN	538	-	6,277.71
May	569	NaN	344	-	6,045.69
June	1,088	NaN	735	-	6,755.51
July	3,292	NaN	2,022	-	6,142.16
August	2,316	NaN	1,440	-	6,217.62
September	1,626	NaN	974	-	5,990.16
October	2,608	NaN	1,538	-	5,897.24
November	4,622	NaN	2,669	-	5,774.56
December	7,334	NaN	4,070	-	5,549.50
<i>South, White, 2021</i>					
January	6,765	NaN	3,675	-	5,432.37
February	2,773	NaN	1,615	-	5,824.02
March	1,565	NaN	881	-	5,629.39
<i>West, American Indian or Alaska Native, 2020</i>					
April	10	NaN	6	-	6,000.00

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
May	11	NaN	6	-	5,454.55
June	6	NaN	3	-	5,000.00
July	16	NaN	11	-	6,875.00
August	7	NaN	4	-	5,714.29
September	7	NaN	4	-	5,714.29
October	16	NaN	8	-	5,000.00
November	46	NaN	23	-	5,000.00
December	48	NaN	27	-	5,625.00
<i>West, American Indian or Alaska Native, 2021</i>					
January	36	NaN	14	-	3,888.89
February	16	NaN	4	-	2,500.00
March	5	NaN	2	-	4,000.00
<i>West, Asian, 2020</i>					
April	37	NaN	22	-	5,945.95
May	17	NaN	8	-	4,705.88
June	22	NaN	14	-	6,363.64
July	56	NaN	30	-	5,357.14
August	31	NaN	19	-	6,129.03
September	16	NaN	9	-	5,625.00
October	36	NaN	22	-	6,111.11
November	129	NaN	59	-	4,573.64
December	172	NaN	102	-	5,930.23
<i>West, Asian, 2021</i>					
January	132	NaN	76	-	5,757.58
February	40	NaN	25	-	6,250.00
March	26	NaN	15	-	5,769.23
<i>West, Black or African American, 2020</i>					
April	81	NaN	46	-	5,679.01
May	21	NaN	15	-	7,142.86
June	29	NaN	19	-	6,551.72
July	75	NaN	45	-	6,000.00
August	47	NaN	25	-	5,319.15
September	12	NaN	11	-	9,166.67
October	38	NaN	16	-	4,210.53
November	134	NaN	55	-	4,104.48

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
December	172	NaN	98	-	5,697.67
<i>West, Black or African American, 2021</i>					
January	121	NaN	64	-	5,289.26
February	62	NaN	32	-	5,161.29
March	33	NaN	15	-	4,545.45
<i>West, Native Hawaiian or Other Pacific Islander, 2020</i>					
April	7	NaN	5	-	7,142.86
May	10	NaN	2	-	2,000.00
June	17	NaN	10	-	5,882.35
July	28	NaN	17	-	6,071.43
August	21	NaN	15	-	7,142.86
September	11	NaN	4	-	3,636.36
October	18	NaN	12	-	6,666.67
November	47	NaN	34	-	7,234.04
December	83	NaN	43	-	5,180.72
<i>West, Native Hawaiian or Other Pacific Islander, 2021</i>					
January	75	NaN	49	-	6,533.33
February	14	NaN	8	-	5,714.29
March	4	NaN	1	-	2,500.00
<i>West, Unknown, 2020</i>					
April	238	NaN	138	-	5,798.32
May	143	NaN	89	-	6,223.78
June	229	NaN	148	-	6,462.88
July	487	NaN	308	-	6,324.44
August	296	NaN	177	-	5,979.73
September	205	NaN	116	-	5,658.54
October	353	NaN	194	-	5,495.75
November	923	NaN	527	-	5,709.64
December	1,312	NaN	745	-	5,678.35
<i>West, Unknown, 2021</i>					
January	1,006	NaN	562	-	5,586.48
February	380	NaN	190	-	5,000.00
March	207	NaN	108	-	5,217.39
<i>West, White, 2020</i>					
April	400	NaN	225	-	5,625.00

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
May	194	NaN	110	-	5,670.10
June	261	NaN	180	-	6,896.55
July	606	NaN	393	-	6,485.15
August	340	NaN	194	-	5,705.88
September	283	NaN	146	-	5,159.01
October	565	NaN	299	-	5,292.04
November	1,594	NaN	820	-	5,144.29
December	2,135	NaN	1,206	-	5,648.71
<i>West, White, 2021</i>					
January	1,604	NaN	889	-	5,542.39
February	631	NaN	326	-	5,166.40
March	338	NaN	168	-	4,970.41
<i>CB Region (Invalid), American Indian or Alaska Native, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Invalid), American Indian or Alaska Native, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Invalid), Asian, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	1	NaN	1	-	10,000.00
October	1	NaN	0	-	0
November	0	NaN	0	-	NaN

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
December	0	NaN	0	-	NaN
<i>CB Region (Invalid), Asian, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	1	NaN	1	-	10,000.00
<i>CB Region (Invalid), Black or African American, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	2	NaN	0	-	0
August	2	NaN	1	-	5,000.00
September	1	NaN	0	-	0
October	1	NaN	1	-	10,000.00
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Invalid), Black or African American, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Invalid), Native Hawaiian or Other Pacific Islander, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	1	NaN	0	-	0
December	0	NaN	0	-	NaN
<i>CB Region (Invalid), Native Hawaiian or Other Pacific Islander, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Invalid), Unknown, 2020</i>					

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
April	1	NaN	1	-	10,000.00
May	1	NaN	1	-	10,000.00
June	1	NaN	0	-	0
July	3	NaN	2	-	6,666.67
August	4	NaN	1	-	2,500.00
September	2	NaN	0	-	0
October	4	NaN	3	-	7,500.00
November	6	NaN	3	-	5,000.00
December	6	NaN	2	-	3,333.33
<i>CB Region (Invalid), Unknown, 2021</i>					
January	4	NaN	1	-	2,500.00
February	4	NaN	1	-	2,500.00
March	2	NaN	0	-	0
<i>CB Region (Invalid), White, 2020</i>					
April	3	NaN	2	-	6,666.67
May	1	NaN	1	-	10,000.00
June	2	NaN	2	-	10,000.00
July	4	NaN	0	-	0
August	3	NaN	1	-	3,333.33
September	2	NaN	2	-	10,000.00
October	7	NaN	5	-	7,142.86
November	9	NaN	3	-	3,333.33
December	10	NaN	9	-	9,000.00
<i>CB Region (Invalid), White, 2021</i>					
January	8	NaN	5	-	6,250.00
February	4	NaN	1	-	2,500.00
March	3	NaN	2	-	6,666.67
<i>CB Region (Missing), American Indian or Alaska Native, 2020</i>					
April	1	NaN	0	-	0
May	0	NaN	0	-	NaN
June	1	NaN	1	-	10,000.00
July	0	NaN	0	-	NaN
August	3	NaN	1	-	3,333.33
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
November	0	NaN	0	-	NaN
December	1	NaN	1	-	10,000.00
<i>CB Region (Missing), American Indian or Alaska Native, 2021</i>					
January	2	NaN	0	-	0
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Missing), Asian, 2020</i>					
April	6	NaN	6	-	10,000.00
May	1	NaN	0	-	0
June	2	NaN	1	-	5,000.00
July	0	NaN	0	-	NaN
August	1	NaN	1	-	10,000.00
September	2	NaN	0	-	0
October	1	NaN	1	-	10,000.00
November	8	NaN	5	-	6,250.00
December	6	NaN	2	-	3,333.33
<i>CB Region (Missing), Asian, 2021</i>					
January	2	NaN	1	-	5,000.00
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Missing), Black or African American, 2020</i>					
April	8	NaN	7	-	8,750.00
May	4	NaN	2	-	5,000.00
June	0	NaN	0	-	NaN
July	1	NaN	0	-	0
August	2	NaN	1	-	5,000.00
September	0	NaN	0	-	NaN
October	1	NaN	0	-	0
November	4	NaN	4	-	10,000.00
December	6	NaN	5	-	8,333.33
<i>CB Region (Missing), Black or African American, 2021</i>					
January	3	NaN	2	-	6,666.67
February	2	NaN	2	-	10,000.00
March	2	NaN	0	-	0

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Missing), Native Hawaiian or Other Pacific Islander, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	3	NaN	2	-	6,666.67
December	1	NaN	1	-	10,000.00
<i>CB Region (Missing), Native Hawaiian or Other Pacific Islander, 2021</i>					
January	4	NaN	2	-	5,000.00
February	2	NaN	2	-	10,000.00
March	1	NaN	1	-	10,000.00
<i>CB Region (Missing), Unknown, 2020</i>					
April	8	NaN	5	-	6,250.00
May	2	NaN	0	-	0
June	6	NaN	1	-	1,666.67
July	8	NaN	2	-	2,500.00
August	3	NaN	2	-	6,666.67
September	3	NaN	1	-	3,333.33
October	6	NaN	3	-	5,000.00
November	18	NaN	11	-	6,111.11
December	32	NaN	14	-	4,375.00
<i>CB Region (Missing), Unknown, 2021</i>					
January	19	NaN	10	-	5,263.16
February	9	NaN	6	-	6,666.67
March	8	NaN	4	-	5,000.00
<i>CB Region (Missing), White, 2020</i>					
April	27	NaN	21	-	7,777.78
May	17	NaN	11	-	6,470.59
June	9	NaN	5	-	5,555.56
July	11	NaN	8	-	7,272.73
August	6	NaN	2	-	3,333.33
September	9	NaN	6	-	6,666.67

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
October	21	NaN	12	-	5,714.29
November	35	NaN	23	-	6,571.43
December	46	NaN	17	-	3,695.65
<i>CB Region (Missing), White, 2021</i>					
January	46	NaN	29	-	6,304.35
February	23	NaN	11	-	4,782.61
March	15	NaN	6	-	4,000.00
<i>CB Region (Other), American Indian or Alaska Native, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), American Indian or Alaska Native, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Asian, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	1	NaN	1	-	10,000.00
October	3	NaN	2	-	6,666.67
November	1	NaN	1	-	10,000.00
December	1	NaN	1	-	10,000.00
<i>CB Region (Other), Asian, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Other), Black or African American, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), Black or African American, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Native Hawaiian or Other Pacific Islander, 2020</i>					
April	1	NaN	0	-	0
May	1	NaN	1	-	10,000.00
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	1	NaN	1	-	10,000.00
October	7	NaN	4	-	5,714.29
November	4	NaN	4	-	10,000.00
December	2	NaN	2	-	10,000.00
<i>CB Region (Other), Native Hawaiian or Other Pacific Islander, 2021</i>					
January	0	NaN	0	-	NaN
February	1	NaN	1	-	10,000.00
March	1	NaN	1	-	10,000.00
<i>CB Region (Other), Unknown, 2020</i>					
April	2	NaN	1	-	5,000.00
May	1	NaN	0	-	0
June	0	NaN	0	-	NaN
July	3	NaN	3	-	10,000.00

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
August	15	NaN	12	-	8,000.00
September	9	NaN	8	-	8,888.89
October	21	NaN	10	-	4,761.90
November	18	NaN	8	-	4,444.44
December	7	NaN	5	-	7,142.86
<i>CB Region (Other), Unknown, 2021</i>					
January	2	NaN	2	-	10,000.00
February	0	NaN	0	-	NaN
March	1	NaN	1	-	10,000.00
<i>CB Region (Other), White, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), White, 2021</i>					
January	1	NaN	1	-	10,000.00
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN

Index = Hospitalized with Critical COVID: Outcome = None

Midwest, American Indian or Alaska Native, 2020

April	4	NaN	N/A	-	N/A
May	4	NaN	N/A	-	N/A
June	4	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	4	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	6	NaN	N/A	-	N/A
November	12	NaN	N/A	-	N/A
December	9	NaN	N/A	-	N/A

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>Midwest, American Indian or Alaska Native, 2021</i>					
January	4	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	2	NaN	N/A	-	N/A
<i>Midwest, Asian, 2020</i>					
April	14	NaN	N/A	-	N/A
May	15	NaN	N/A	-	N/A
June	7	NaN	N/A	-	N/A
July	1	NaN	N/A	-	N/A
August	5	NaN	N/A	-	N/A
September	11	NaN	N/A	-	N/A
October	16	NaN	N/A	-	N/A
November	46	NaN	N/A	-	N/A
December	34	NaN	N/A	-	N/A
<i>Midwest, Asian, 2021</i>					
January	18	NaN	N/A	-	N/A
February	11	NaN	N/A	-	N/A
March	14	NaN	N/A	-	N/A
<i>Midwest, Black or African American, 2020</i>					
April	315	NaN	N/A	-	N/A
May	147	NaN	N/A	-	N/A
June	80	NaN	N/A	-	N/A
July	133	NaN	N/A	-	N/A
August	95	NaN	N/A	-	N/A
September	55	NaN	N/A	-	N/A
October	140	NaN	N/A	-	N/A
November	296	NaN	N/A	-	N/A
December	334	NaN	N/A	-	N/A
<i>Midwest, Black or African American, 2021</i>					
January	201	NaN	N/A	-	N/A
February	60	NaN	N/A	-	N/A
March	54	NaN	N/A	-	N/A
<i>Midwest, Native Hawaiian or Other Pacific Islander, 2020</i>					
April	8	NaN	N/A	-	N/A
May	4	NaN	N/A	-	N/A

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
June	5	NaN	N/A	-	N/A
July	6	NaN	N/A	-	N/A
August	4	NaN	N/A	-	N/A
September	4	NaN	N/A	-	N/A
October	6	NaN	N/A	-	N/A
November	23	NaN	N/A	-	N/A
December	26	NaN	N/A	-	N/A
<i>Midwest, Native Hawaiian or Other Pacific Islander, 2021</i>					
January	17	NaN	N/A	-	N/A
February	6	NaN	N/A	-	N/A
March	4	NaN	N/A	-	N/A
<i>Midwest, Unknown, 2020</i>					
April	142	NaN	N/A	-	N/A
May	113	NaN	N/A	-	N/A
June	57	NaN	N/A	-	N/A
July	246	NaN	N/A	-	N/A
August	209	NaN	N/A	-	N/A
September	296	NaN	N/A	-	N/A
October	544	NaN	N/A	-	N/A
November	1,207	NaN	N/A	-	N/A
December	1,082	NaN	N/A	-	N/A
<i>Midwest, Unknown, 2021</i>					
January	729	NaN	N/A	-	N/A
February	331	NaN	N/A	-	N/A
March	240	NaN	N/A	-	N/A
<i>Midwest, White, 2020</i>					
April	353	NaN	N/A	-	N/A
May	272	NaN	N/A	-	N/A
June	146	NaN	N/A	-	N/A
July	266	NaN	N/A	-	N/A
August	326	NaN	N/A	-	N/A
September	347	NaN	N/A	-	N/A
October	859	NaN	N/A	-	N/A
November	1,924	NaN	N/A	-	N/A
December	1,660	NaN	N/A	-	N/A

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>Midwest, White, 2021</i>					
January	1,066	NaN	N/A	-	N/A
February	407	NaN	N/A	-	N/A
March	323	NaN	N/A	-	N/A
<i>Northeast, American Indian or Alaska Native, 2020</i>					
April	1	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	1	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	1	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>Northeast, American Indian or Alaska Native, 2021</i>					
January	2	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	2	NaN	N/A	-	N/A
<i>Northeast, Asian, 2020</i>					
April	44	NaN	N/A	-	N/A
May	10	NaN	N/A	-	N/A
June	2	NaN	N/A	-	N/A
July	3	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	2	NaN	N/A	-	N/A
October	2	NaN	N/A	-	N/A
November	20	NaN	N/A	-	N/A
December	21	NaN	N/A	-	N/A
<i>Northeast, Asian, 2021</i>					
January	24	NaN	N/A	-	N/A
February	12	NaN	N/A	-	N/A
March	12	NaN	N/A	-	N/A
<i>Northeast, Black or African American, 2020</i>					
April	314	NaN	N/A	-	N/A

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
May	68	NaN	N/A	-	N/A
June	24	NaN	N/A	-	N/A
July	18	NaN	N/A	-	N/A
August	13	NaN	N/A	-	N/A
September	12	NaN	N/A	-	N/A
October	25	NaN	N/A	-	N/A
November	126	NaN	N/A	-	N/A
December	164	NaN	N/A	-	N/A
<i>Northeast, Black or African American, 2021</i>					
January	121	NaN	N/A	-	N/A
February	93	NaN	N/A	-	N/A
March	75	NaN	N/A	-	N/A
<i>Northeast, Native Hawaiian or Other Pacific Islander, 2020</i>					
April	8	NaN	N/A	-	N/A
May	1	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	2	NaN	N/A	-	N/A
October	1	NaN	N/A	-	N/A
November	2	NaN	N/A	-	N/A
December	4	NaN	N/A	-	N/A
<i>Northeast, Native Hawaiian or Other Pacific Islander, 2021</i>					
January	8	NaN	N/A	-	N/A
February	5	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>Northeast, Unknown, 2020</i>					
April	364	NaN	N/A	-	N/A
May	103	NaN	N/A	-	N/A
June	26	NaN	N/A	-	N/A
July	111	NaN	N/A	-	N/A
August	92	NaN	N/A	-	N/A
September	86	NaN	N/A	-	N/A
October	186	NaN	N/A	-	N/A
November	575	NaN	N/A	-	N/A

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
December	952	NaN	N/A	-	N/A
<i>Northeast, Unknown, 2021</i>					
January	650	NaN	N/A	-	N/A
February	294	NaN	N/A	-	N/A
March	331	NaN	N/A	-	N/A
<i>Northeast, White, 2020</i>					
April	523	NaN	N/A	-	N/A
May	222	NaN	N/A	-	N/A
June	64	NaN	N/A	-	N/A
July	68	NaN	N/A	-	N/A
August	76	NaN	N/A	-	N/A
September	78	NaN	N/A	-	N/A
October	167	NaN	N/A	-	N/A
November	502	NaN	N/A	-	N/A
December	851	NaN	N/A	-	N/A
<i>Northeast, White, 2021</i>					
January	667	NaN	N/A	-	N/A
February	321	NaN	N/A	-	N/A
March	274	NaN	N/A	-	N/A
<i>South, American Indian or Alaska Native, 2020</i>					
April	7	NaN	N/A	-	N/A
May	2	NaN	N/A	-	N/A
June	4	NaN	N/A	-	N/A
July	9	NaN	N/A	-	N/A
August	5	NaN	N/A	-	N/A
September	7	NaN	N/A	-	N/A
October	8	NaN	N/A	-	N/A
November	9	NaN	N/A	-	N/A
December	25	NaN	N/A	-	N/A
<i>South, American Indian or Alaska Native, 2021</i>					
January	30	NaN	N/A	-	N/A
February	7	NaN	N/A	-	N/A
March	4	NaN	N/A	-	N/A

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>South, Asian, 2020</i>					
April	15	NaN	N/A	-	N/A
May	13	NaN	N/A	-	N/A
June	28	NaN	N/A	-	N/A
July	45	NaN	N/A	-	N/A
August	20	NaN	N/A	-	N/A
September	12	NaN	N/A	-	N/A
October	18	NaN	N/A	-	N/A
November	39	NaN	N/A	-	N/A
December	67	NaN	N/A	-	N/A
<i>South, Asian, 2021</i>					
January	85	NaN	N/A	-	N/A
February	36	NaN	N/A	-	N/A
March	16	NaN	N/A	-	N/A
<i>South, Black or African American, 2020</i>					
April	539	NaN	N/A	-	N/A
May	274	NaN	N/A	-	N/A
June	485	NaN	N/A	-	N/A
July	1,241	NaN	N/A	-	N/A
August	687	NaN	N/A	-	N/A
September	322	NaN	N/A	-	N/A
October	462	NaN	N/A	-	N/A
November	707	NaN	N/A	-	N/A
December	1,247	NaN	N/A	-	N/A
<i>South, Black or African American, 2021</i>					
January	1,337	NaN	N/A	-	N/A
February	674	NaN	N/A	-	N/A
March	376	NaN	N/A	-	N/A
<i>South, Native Hawaiian or Other Pacific Islander, 2020</i>					
April	10	NaN	N/A	-	N/A
May	8	NaN	N/A	-	N/A
June	8	NaN	N/A	-	N/A
July	55	NaN	N/A	-	N/A
August	21	NaN	N/A	-	N/A
September	14	NaN	N/A	-	N/A

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
October	12	NaN	N/A	-	N/A
November	25	NaN	N/A	-	N/A
December	49	NaN	N/A	-	N/A
<i>South, Native Hawaiian or Other Pacific Islander, 2021</i>					
January	53	NaN	N/A	-	N/A
February	13	NaN	N/A	-	N/A
March	14	NaN	N/A	-	N/A
<i>South, Unknown, 2020</i>					
April	237	NaN	N/A	-	N/A
May	178	NaN	N/A	-	N/A
June	382	NaN	N/A	-	N/A
July	1,364	NaN	N/A	-	N/A
August	810	NaN	N/A	-	N/A
September	517	NaN	N/A	-	N/A
October	714	NaN	N/A	-	N/A
November	1,160	NaN	N/A	-	N/A
December	1,901	NaN	N/A	-	N/A
<i>South, Unknown, 2021</i>					
January	1,896	NaN	N/A	-	N/A
February	939	NaN	N/A	-	N/A
March	616	NaN	N/A	-	N/A
<i>South, White, 2020</i>					
April	526	NaN	N/A	-	N/A
May	342	NaN	N/A	-	N/A
June	720	NaN	N/A	-	N/A
July	1,986	NaN	N/A	-	N/A
August	1,458	NaN	N/A	-	N/A
September	984	NaN	N/A	-	N/A
October	1,510	NaN	N/A	-	N/A
November	2,650	NaN	N/A	-	N/A
December	4,037	NaN	N/A	-	N/A
<i>South, White, 2021</i>					
January	3,704	NaN	N/A	-	N/A
February	1,633	NaN	N/A	-	N/A
March	951	NaN	N/A	-	N/A

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>West, American Indian or Alaska Native, 2020</i>					
April	6	NaN	N/A	-	N/A
May	6	NaN	N/A	-	N/A
June	3	NaN	N/A	-	N/A
July	11	NaN	N/A	-	N/A
August	3	NaN	N/A	-	N/A
September	5	NaN	N/A	-	N/A
October	6	NaN	N/A	-	N/A
November	23	NaN	N/A	-	N/A
December	27	NaN	N/A	-	N/A
<i>West, American Indian or Alaska Native, 2021</i>					
January	16	NaN	N/A	-	N/A
February	4	NaN	N/A	-	N/A
March	2	NaN	N/A	-	N/A
<i>West, Asian, 2020</i>					
April	22	NaN	N/A	-	N/A
May	8	NaN	N/A	-	N/A
June	14	NaN	N/A	-	N/A
July	30	NaN	N/A	-	N/A
August	19	NaN	N/A	-	N/A
September	9	NaN	N/A	-	N/A
October	22	NaN	N/A	-	N/A
November	57	NaN	N/A	-	N/A
December	104	NaN	N/A	-	N/A
<i>West, Asian, 2021</i>					
January	76	NaN	N/A	-	N/A
February	25	NaN	N/A	-	N/A
March	15	NaN	N/A	-	N/A
<i>West, Black or African American, 2020</i>					
April	45	NaN	N/A	-	N/A
May	14	NaN	N/A	-	N/A
June	19	NaN	N/A	-	N/A
July	45	NaN	N/A	-	N/A
August	27	NaN	N/A	-	N/A
September	11	NaN	N/A	-	N/A

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
October	16	NaN	N/A	-	N/A
November	54	NaN	N/A	-	N/A
December	98	NaN	N/A	-	N/A
<i>West, Black or African American, 2021</i>					
January	64	NaN	N/A	-	N/A
February	30	NaN	N/A	-	N/A
March	18	NaN	N/A	-	N/A
<i>West, Native Hawaiian or Other Pacific Islander, 2020</i>					
April	5	NaN	N/A	-	N/A
May	2	NaN	N/A	-	N/A
June	10	NaN	N/A	-	N/A
July	17	NaN	N/A	-	N/A
August	15	NaN	N/A	-	N/A
September	4	NaN	N/A	-	N/A
October	12	NaN	N/A	-	N/A
November	33	NaN	N/A	-	N/A
December	44	NaN	N/A	-	N/A
<i>West, Native Hawaiian or Other Pacific Islander, 2021</i>					
January	48	NaN	N/A	-	N/A
February	8	NaN	N/A	-	N/A
March	2	NaN	N/A	-	N/A
<i>West, Unknown, 2020</i>					
April	136	NaN	N/A	-	N/A
May	90	NaN	N/A	-	N/A
June	147	NaN	N/A	-	N/A
July	307	NaN	N/A	-	N/A
August	178	NaN	N/A	-	N/A
September	117	NaN	N/A	-	N/A
October	190	NaN	N/A	-	N/A
November	518	NaN	N/A	-	N/A
December	740	NaN	N/A	-	N/A
<i>West, Unknown, 2021</i>					
January	570	NaN	N/A	-	N/A
February	195	NaN	N/A	-	N/A
March	114	NaN	N/A	-	N/A

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>West, White, 2020</i>					
April	222	NaN	N/A	-	N/A
May	111	NaN	N/A	-	N/A
June	176	NaN	N/A	-	N/A
July	392	NaN	N/A	-	N/A
August	195	NaN	N/A	-	N/A
September	149	NaN	N/A	-	N/A
October	289	NaN	N/A	-	N/A
November	807	NaN	N/A	-	N/A
December	1,202	NaN	N/A	-	N/A
<i>West, White, 2021</i>					
January	899	NaN	N/A	-	N/A
February	336	NaN	N/A	-	N/A
March	178	NaN	N/A	-	N/A
<i>CB Region (Invalid), American Indian or Alaska Native, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), American Indian or Alaska Native, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), Asian, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	1	NaN	N/A	-	N/A

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), Asian, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	1	NaN	N/A	-	N/A
<i>CB Region (Invalid), Black or African American, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	1	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	1	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), Black or African American, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), Native Hawaiian or Other Pacific Islander, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), Native Hawaiian or Other Pacific Islander, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Invalid), Unknown, 2020</i>					
April	1	NaN	N/A	-	N/A
May	1	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	2	NaN	N/A	-	N/A
August	1	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	3	NaN	N/A	-	N/A
November	3	NaN	N/A	-	N/A
December	2	NaN	N/A	-	N/A
<i>CB Region (Invalid), Unknown, 2021</i>					
January	1	NaN	N/A	-	N/A
February	1	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), White, 2020</i>					
April	2	NaN	N/A	-	N/A
May	1	NaN	N/A	-	N/A
June	2	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	1	NaN	N/A	-	N/A
September	2	NaN	N/A	-	N/A
October	5	NaN	N/A	-	N/A
November	3	NaN	N/A	-	N/A
December	8	NaN	N/A	-	N/A
<i>CB Region (Invalid), White, 2021</i>					
January	6	NaN	N/A	-	N/A
February	1	NaN	N/A	-	N/A
March	2	NaN	N/A	-	N/A
<i>CB Region (Missing), American Indian or Alaska Native, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	1	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	1	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	1	NaN	N/A	-	N/A
<i>CB Region (Missing), American Indian or Alaska Native, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Missing), Asian, 2020</i>					
April	6	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	1	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	1	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	1	NaN	N/A	-	N/A
November	5	NaN	N/A	-	N/A
December	2	NaN	N/A	-	N/A
<i>CB Region (Missing), Asian, 2021</i>					
January	1	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Missing), Black or African American, 2020</i>					
April	7	NaN	N/A	-	N/A
May	2	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	1	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	4	NaN	N/A	-	N/A
December	5	NaN	N/A	-	N/A
<i>CB Region (Missing), Black or African American, 2021</i>					
January	2	NaN	N/A	-	N/A
February	2	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Missing), Native Hawaiian or Other Pacific Islander, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	2	NaN	N/A	-	N/A
December	1	NaN	N/A	-	N/A
<i>CB Region (Missing), Native Hawaiian or Other Pacific Islander, 2021</i>					
January	2	NaN	N/A	-	N/A
February	2	NaN	N/A	-	N/A
March	1	NaN	N/A	-	N/A
<i>CB Region (Missing), Unknown, 2020</i>					
April	5	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	1	NaN	N/A	-	N/A
July	2	NaN	N/A	-	N/A
August	2	NaN	N/A	-	N/A
September	1	NaN	N/A	-	N/A
October	3	NaN	N/A	-	N/A
November	11	NaN	N/A	-	N/A
December	14	NaN	N/A	-	N/A
<i>CB Region (Missing), Unknown, 2021</i>					
January	9	NaN	N/A	-	N/A
February	7	NaN	N/A	-	N/A
March	4	NaN	N/A	-	N/A
<i>CB Region (Missing), White, 2020</i>					
April	21	NaN	N/A	-	N/A
May	11	NaN	N/A	-	N/A
June	5	NaN	N/A	-	N/A
July	8	NaN	N/A	-	N/A
August	2	NaN	N/A	-	N/A
September	6	NaN	N/A	-	N/A

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
October	12	NaN	N/A	-	N/A
November	23	NaN	N/A	-	N/A
December	17	NaN	N/A	-	N/A
<i>CB Region (Missing), White, 2021</i>					
January	29	NaN	N/A	-	N/A
February	11	NaN	N/A	-	N/A
March	6	NaN	N/A	-	N/A
<i>CB Region (Other), American Indian or Alaska Native, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Other), American Indian or Alaska Native, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Other), Asian, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	1	NaN	N/A	-	N/A
October	2	NaN	N/A	-	N/A
November	1	NaN	N/A	-	N/A
December	1	NaN	N/A	-	N/A
<i>CB Region (Other), Asian, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Other), Black or African American, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Other), Black or African American, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Other), Native Hawaiian or Other Pacific Islander, 2020</i>					
April	0	NaN	N/A	-	N/A
May	1	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	1	NaN	N/A	-	N/A
October	4	NaN	N/A	-	N/A
November	4	NaN	N/A	-	N/A
December	2	NaN	N/A	-	N/A
<i>CB Region (Other), Native Hawaiian or Other Pacific Islander, 2021</i>					
January	0	NaN	N/A	-	N/A
February	1	NaN	N/A	-	N/A
March	1	NaN	N/A	-	N/A
<i>CB Region (Other), Unknown, 2020</i>					
April	1	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	3	NaN	N/A	-	N/A
August	12	NaN	N/A	-	N/A
September	8	NaN	N/A	-	N/A

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
October	10	NaN	N/A	-	N/A
November	8	NaN	N/A	-	N/A
December	5	NaN	N/A	-	N/A
<i>CB Region (Other), Unknown, 2021</i>					
January	2	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	1	NaN	N/A	-	N/A
<i>CB Region (Other), White, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Other), White, 2021</i>					
January	1	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
Index = COVID+; Outcome = Death					
<i>Midwest, American Indian or Alaska Native, 2020</i>					
April	11	NaN	2	-	1,818.18
May	41	NaN	4	-	975.61
June	20	NaN	0	-	0
July	36	NaN	0	-	0
August	23	NaN	2	-	869.57
September	33	NaN	1	-	303.03
October	92	NaN	1	-	108.7
November	187	NaN	6	-	320.86
December	137	NaN	3	-	218.98
<i>Midwest, American Indian or Alaska Native, 2021</i>					
January	63	NaN	2	-	317.46
February	22	NaN	1	-	454.55

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
March	30	NaN	0	-	0
<i>Midwest, Asian, 2020</i>					
April	84	NaN	8	-	952.38
May	213	NaN	8	-	375.59
June	165	NaN	4	-	242.42
July	122	NaN	0	-	0
August	122	NaN	1	-	81.97
September	155	NaN	3	-	193.55
October	350	NaN	8	-	228.57
November	927	NaN	16	-	172.6
December	634	NaN	8	-	126.18
<i>Midwest, Asian, 2021</i>					
January	288	NaN	5	-	173.61
February	154	NaN	2	-	129.87
March	179	NaN	1	-	55.87
<i>Midwest, Black or African American, 2020</i>					
April	1,135	NaN	186	-	1,638.77
May	908	NaN	56	-	616.74
June	549	NaN	21	-	382.51
July	1,038	NaN	31	-	298.65
August	772	NaN	27	-	349.74
September	506	NaN	20	-	395.26
October	1,046	NaN	37	-	353.73
November	2,468	NaN	82	-	332.25
December	2,204	NaN	111	-	503.63
<i>Midwest, Black or African American, 2021</i>					
January	1,289	NaN	42	-	325.83
February	528	NaN	9	-	170.45
March	567	NaN	6	-	105.82
<i>Midwest, Native Hawaiian or Other Pacific Islander, 2020</i>					
April	25	NaN	7	-	2,800.00
May	29	NaN	4	-	1,379.31
June	24	NaN	1	-	416.67
July	36	NaN	1	-	277.78
August	26	NaN	3	-	1,153.85

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
September	42	NaN	1	-	238.1
October	65	NaN	2	-	307.69
November	179	NaN	9	-	502.79
December	153	NaN	14	-	915.03
<i>Midwest, Native Hawaiian or Other Pacific Islander, 2021</i>					
January	114	NaN	5	-	438.6
February	35	NaN	2	-	571.43
March	28	NaN	0	-	0
<i>Midwest, Unknown, 2020</i>					
April	1,047	NaN	57	-	544.41
May	1,594	NaN	38	-	238.39
June	1,186	NaN	13	-	109.61
July	3,607	NaN	70	-	194.07
August	3,535	NaN	76	-	214.99
September	4,836	NaN	109	-	225.39
October	9,432	NaN	156	-	165.39
November	20,939	NaN	432	-	206.31
December	15,638	NaN	303	-	193.76
<i>Midwest, Unknown, 2021</i>					
January	9,476	NaN	206	-	217.39
February	4,175	NaN	79	-	189.22
March	4,224	NaN	15	-	35.51
<i>Midwest, White, 2020</i>					
April	2,013	NaN	288	-	1,430.70
May	2,719	NaN	233	-	856.93
June	2,259	NaN	124	-	548.92
July	3,454	NaN	117	-	338.74
August	3,661	NaN	129	-	352.36
September	4,910	NaN	170	-	346.23
October	11,008	NaN	339	-	307.96
November	25,194	NaN	769	-	305.23
December	17,489	NaN	597	-	341.36
<i>Midwest, White, 2021</i>					
January	10,552	NaN	308	-	291.89
February	4,339	NaN	95	-	218.94

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
March	4,831	NaN	40	-	82.8
<i>Northeast, American Indian or Alaska Native, 2020</i>					
April	25	NaN	0	-	0
May	6	NaN	0	-	0
June	6	NaN	0	-	0
July	6	NaN	0	-	0
August	8	NaN	0	-	0
September	7	NaN	0	-	0
October	12	NaN	0	-	0
November	25	NaN	0	-	0
December	37	NaN	0	-	0
<i>Northeast, American Indian or Alaska Native, 2021</i>					
January	39	NaN	1	-	256.41
February	11	NaN	0	-	0
March	21	NaN	0	-	0
<i>Northeast, Asian, 2020</i>					
April	485	NaN	20	-	412.37
May	240	NaN	3	-	125
June	165	NaN	0	-	0
July	209	NaN	1	-	47.85
August	202	NaN	1	-	49.5
September	171	NaN	2	-	116.96
October	231	NaN	2	-	86.58
November	548	NaN	9	-	164.23
December	723	NaN	8	-	110.65
<i>Northeast, Asian, 2021</i>					
January	628	NaN	8	-	127.39
February	390	NaN	4	-	102.56
March	414	NaN	1	-	24.15
<i>Northeast, Black or African American, 2020</i>					
April	1,589	NaN	212	-	1,334.17
May	712	NaN	25	-	351.12
June	464	NaN	7	-	150.86
July	570	NaN	6	-	105.26
August	481	NaN	4	-	83.16

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
September	363	NaN	7	-	192.84
October	474	NaN	7	-	147.68
November	1,081	NaN	27	-	249.77
December	1,459	NaN	52	-	356.41
<i>Northeast, Black or African American, 2021</i>					
January	1,282	NaN	37	-	288.61
February	753	NaN	30	-	398.41
March	845	NaN	14	-	165.68
<i>Northeast, Native Hawaiian or Other Pacific Islander, 2020</i>					
April	34	NaN	6	-	1,764.71
May	20	NaN	0	-	0
June	17	NaN	0	-	0
July	16	NaN	0	-	0
August	15	NaN	0	-	0
September	11	NaN	0	-	0
October	18	NaN	0	-	0
November	44	NaN	0	-	0
December	57	NaN	2	-	350.88
<i>Northeast, Native Hawaiian or Other Pacific Islander, 2021</i>					
January	71	NaN	0	-	0
February	30	NaN	2	-	666.67
March	27	NaN	0	-	0
<i>Northeast, Unknown, 2020</i>					
April	5,575	NaN	168	-	301.35
May	3,636	NaN	29	-	79.76
June	2,427	NaN	12	-	49.44
July	4,129	NaN	55	-	133.2
August	3,626	NaN	33	-	91.01
September	3,554	NaN	27	-	75.97
October	5,119	NaN	60	-	117.21
November	11,952	NaN	213	-	178.21
December	16,558	NaN	294	-	177.56
<i>Northeast, Unknown, 2021</i>					
January	13,234	NaN	205	-	154.9
February	6,997	NaN	69	-	98.61

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
March	8,290	NaN	32	-	38.6
<i>Northeast, White, 2020</i>					
April	4,076	NaN	423	-	1,037.78
May	3,385	NaN	113	-	333.83
June	2,488	NaN	43	-	172.83
July	2,647	NaN	39	-	147.34
August	2,207	NaN	31	-	140.46
September	2,251	NaN	26	-	115.5
October	3,186	NaN	45	-	141.24
November	7,509	NaN	179	-	238.38
December	11,043	NaN	294	-	266.23
<i>Northeast, White, 2021</i>					
January	9,191	NaN	218	-	237.19
February	4,514	NaN	93	-	206.03
March	5,175	NaN	31	-	59.9
<i>South, American Indian or Alaska Native, 2020</i>					
April	24	NaN	4	-	1,666.67
May	15	NaN	3	-	2,000.00
June	62	NaN	1	-	161.29
July	104	NaN	2	-	192.31
August	52	NaN	3	-	576.92
September	64	NaN	2	-	312.5
October	93	NaN	1	-	107.53
November	163	NaN	2	-	122.7
December	228	NaN	12	-	526.32
<i>South, American Indian or Alaska Native, 2021</i>					
January	211	NaN	9	-	426.54
February	59	NaN	1	-	169.49
March	45	NaN	0	-	0
<i>South, Asian, 2020</i>					
April	101	NaN	9	-	891.09
May	110	NaN	6	-	545.45
June	246	NaN	7	-	284.55
July	452	NaN	15	-	331.86
August	214	NaN	3	-	140.19

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
September	179	NaN	2	-	111.73
October	245	NaN	4	-	163.27
November	552	NaN	7	-	126.81
December	972	NaN	22	-	226.34
<i>South, Asian, 2021</i>					
January	996	NaN	24	-	240.96
February	408	NaN	9	-	220.59
March	261	NaN	2	-	76.63
<i>South, Black or African American, 2020</i>					
April	2,567	NaN	305	-	1,188.16
May	1,511	NaN	109	-	721.38
June	2,807	NaN	155	-	552.19
July	6,474	NaN	445	-	687.36
August	3,571	NaN	205	-	574.07
September	2,072	NaN	94	-	453.67
October	2,653	NaN	131	-	493.78
November	4,278	NaN	233	-	544.65
December	7,958	NaN	379	-	476.25
<i>South, Black or African American, 2021</i>					
January	8,468	NaN	419	-	494.8
February	3,540	NaN	158	-	446.33
March	2,033	NaN	52	-	255.78
<i>South, Native Hawaiian or Other Pacific Islander, 2020</i>					
April	57	NaN	5	-	877.19
May	37	NaN	7	-	1,891.89
June	88	NaN	5	-	568.18
July	216	NaN	20	-	925.93
August	115	NaN	7	-	608.7
September	64	NaN	4	-	625
October	96	NaN	3	-	312.5
November	213	NaN	10	-	469.48
December	296	NaN	15	-	506.76
<i>South, Native Hawaiian or Other Pacific Islander, 2021</i>					
January	288	NaN	22	-	763.89
February	127	NaN	3	-	236.22

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
March	68	NaN	1	-	147.06
<i>South, Unknown, 2020</i>					
April	2,610	NaN	58	-	222.22
May	2,595	NaN	40	-	154.14
June	9,161	NaN	80	-	87.33
July	19,766	NaN	413	-	208.94
August	10,207	NaN	206	-	201.82
September	7,862	NaN	142	-	180.62
October	12,146	NaN	201	-	165.49
November	22,187	NaN	313	-	141.07
December	35,783	NaN	592	-	165.44
<i>South, Unknown, 2021</i>					
January	33,454	NaN	468	-	139.89
February	13,390	NaN	186	-	138.91
March	9,282	NaN	48	-	51.71
<i>South, White, 2020</i>					
April	3,451	NaN	326	-	944.65
May	3,390	NaN	202	-	595.87
June	6,808	NaN	307	-	450.94
July	14,562	NaN	748	-	513.67
August	9,410	NaN	522	-	554.73
September	7,933	NaN	328	-	413.46
October	13,055	NaN	482	-	369.21
November	22,647	NaN	871	-	384.6
December	37,034	NaN	1,418	-	382.89
<i>South, White, 2021</i>					
January	31,199	NaN	1,147	-	367.64
February	11,842	NaN	372	-	314.14
March	7,263	NaN	120	-	165.22
<i>West, American Indian or Alaska Native, 2020</i>					
April	49	NaN	7	-	1,428.57
May	26	NaN	1	-	384.62
June	48	NaN	1	-	208.33
July	106	NaN	2	-	188.68
August	71	NaN	2	-	281.69

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
September	65	NaN	3	-	461.54
October	107	NaN	4	-	373.83
November	270	NaN	13	-	481.48
December	312	NaN	9	-	288.46
<i>West, American Indian or Alaska Native, 2021</i>					
January	204	NaN	5	-	245.1
February	88	NaN	4	-	454.55
March	51	NaN	0	-	0
<i>West, Asian, 2020</i>					
April	254	NaN	7	-	275.59
May	143	NaN	2	-	139.86
June	273	NaN	5	-	183.15
July	597	NaN	11	-	184.25
August	443	NaN	4	-	90.29
September	330	NaN	6	-	181.82
October	457	NaN	13	-	284.46
November	1,472	NaN	20	-	135.87
December	1,813	NaN	35	-	193.05
<i>West, Asian, 2021</i>					
January	1,178	NaN	18	-	152.8
February	417	NaN	9	-	215.83
March	342	NaN	2	-	58.48
<i>West, Black or African American, 2020</i>					
April	323	NaN	31	-	959.75
May	145	NaN	5	-	344.83
June	242	NaN	7	-	289.26
July	554	NaN	13	-	234.66
August	305	NaN	9	-	295.08
September	198	NaN	0	-	0
October	411	NaN	5	-	121.65
November	1,012	NaN	15	-	148.22
December	1,181	NaN	25	-	211.69
<i>West, Black or African American, 2021</i>					
January	823	NaN	21	-	255.16
February	319	NaN	7	-	219.44

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
March	270	NaN	1	-	37.04
<i>West, Native Hawaiian or Other Pacific Islander, 2020</i>					
April	51	NaN	7	-	1,372.55
May	42	NaN	3	-	714.29
June	83	NaN	5	-	602.41
July	165	NaN	6	-	363.64
August	113	NaN	3	-	265.49
September	71	NaN	5	-	704.23
October	125	NaN	5	-	400
November	307	NaN	10	-	325.73
December	387	NaN	22	-	568.48
<i>West, Native Hawaiian or Other Pacific Islander, 2021</i>					
January	328	NaN	14	-	426.83
February	105	NaN	3	-	285.71
March	63	NaN	0	-	0
<i>West, Unknown, 2020</i>					
April	1,378	NaN	49	-	355.59
May	1,433	NaN	22	-	153.52
June	3,335	NaN	41	-	122.94
July	6,750	NaN	65	-	96.3
August	4,025	NaN	32	-	79.5
September	3,358	NaN	24	-	71.47
October	6,094	NaN	49	-	80.41
November	13,822	NaN	176	-	127.33
December	16,978	NaN	225	-	132.52
<i>West, Unknown, 2021</i>					
January	12,132	NaN	154	-	126.94
February	4,089	NaN	37	-	90.49
March	2,802	NaN	6	-	21.41
<i>West, White, 2020</i>					
April	1,929	NaN	167	-	865.73
May	1,432	NaN	97	-	677.37
June	2,539	NaN	79	-	311.15
July	5,369	NaN	146	-	271.93
August	3,497	NaN	94	-	268.8

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
September	3,474	NaN	60	-	172.71
October	6,281	NaN	135	-	214.93
November	15,718	NaN	335	-	213.13
December	16,302	NaN	453	-	277.88
<i>West, White, 2021</i>					
January	11,893	NaN	296	-	248.89
February	4,671	NaN	93	-	199.1
March	3,948	NaN	35	-	88.65
<i>CB Region (Invalid), American Indian or Alaska Native, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	1	NaN	0	-	0
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	2	NaN	0	-	0
December	0	NaN	0	-	NaN
<i>CB Region (Invalid), American Indian or Alaska Native, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	1	NaN	0	-	0
<i>CB Region (Invalid), Asian, 2020</i>					
April	5	NaN	0	-	0
May	1	NaN	0	-	0
June	2	NaN	0	-	0
July	4	NaN	0	-	0
August	3	NaN	0	-	0
September	8	NaN	0	-	0
October	2	NaN	0	-	0
November	13	NaN	0	-	0
December	13	NaN	0	-	0
<i>CB Region (Invalid), Asian, 2021</i>					
January	6	NaN	0	-	0

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
February	3	NaN	0	-	0
March	3	NaN	0	-	0
<i>CB Region (Invalid), Black or African American, 2020</i>					
April	4	NaN	0	-	0
May	1	NaN	0	-	0
June	0	NaN	0	-	NaN
July	4	NaN	0	-	0
August	3	NaN	0	-	0
September	2	NaN	0	-	0
October	3	NaN	0	-	0
November	10	NaN	0	-	0
December	4	NaN	0	-	0
<i>CB Region (Invalid), Black or African American, 2021</i>					
January	5	NaN	0	-	0
February	1	NaN	0	-	0
March	2	NaN	0	-	0
<i>CB Region (Invalid), Native Hawaiian or Other Pacific Islander, 2020</i>					
April	1	NaN	0	-	0
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	1	NaN	0	-	0
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	1	NaN	0	-	0
December	1	NaN	0	-	0
<i>CB Region (Invalid), Native Hawaiian or Other Pacific Islander, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Invalid), Unknown, 2020</i>					
April	15	NaN	0	-	0
May	21	NaN	0	-	0
June	30	NaN	0	-	0

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
July	52	NaN	0	-	0
August	43	NaN	0	-	0
September	44	NaN	0	-	0
October	67	NaN	0	-	0
November	81	NaN	1	-	123.46
December	107	NaN	1	-	93.46
<i>CB Region (Invalid), Unknown, 2021</i>					
January	92	NaN	0	-	0
February	63	NaN	0	-	0
March	62	NaN	0	-	0
<i>CB Region (Invalid), White, 2020</i>					
April	8	NaN	1	-	1,250.00
May	7	NaN	1	-	1,428.57
June	18	NaN	1	-	555.56
July	28	NaN	1	-	357.14
August	20	NaN	1	-	500
September	20	NaN	2	-	1,000.00
October	40	NaN	2	-	500
November	75	NaN	0	-	0
December	110	NaN	3	-	272.73
<i>CB Region (Invalid), White, 2021</i>					
January	72	NaN	4	-	555.56
February	36	NaN	0	-	0
March	26	NaN	1	-	384.62
<i>CB Region (Missing), American Indian or Alaska Native, 2020</i>					
April	3	NaN	0	-	0
May	2	NaN	0	-	0
June	3	NaN	0	-	0
July	13	NaN	0	-	0
August	12	NaN	0	-	0
September	7	NaN	0	-	0
October	4	NaN	0	-	0
November	27	NaN	1	-	370.37
December	25	NaN	0	-	0
<i>CB Region (Missing), American Indian or Alaska Native, 2021</i>					

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
January	16	NaN	0	-	0
February	3	NaN	0	-	0
March	4	NaN	0	-	0
<i>CB Region (Missing), Asian, 2020</i>					
April	42	NaN	2	-	476.19
May	8	NaN	0	-	0
June	19	NaN	0	-	0
July	44	NaN	0	-	0
August	50	NaN	0	-	0
September	26	NaN	1	-	384.62
October	37	NaN	0	-	0
November	127	NaN	0	-	0
December	111	NaN	0	-	0
<i>CB Region (Missing), Asian, 2021</i>					
January	59	NaN	0	-	0
February	32	NaN	0	-	0
March	33	NaN	0	-	0
<i>CB Region (Missing), Black or African American, 2020</i>					
April	52	NaN	1	-	192.31
May	17	NaN	1	-	588.24
June	11	NaN	0	-	0
July	87	NaN	0	-	0
August	47	NaN	0	-	0
September	31	NaN	0	-	0
October	26	NaN	0	-	0
November	136	NaN	0	-	0
December	130	NaN	2	-	153.85
<i>CB Region (Missing), Black or African American, 2021</i>					
January	62	NaN	0	-	0
February	24	NaN	0	-	0
March	22	NaN	0	-	0
<i>CB Region (Missing), Native Hawaiian or Other Pacific Islander, 2020</i>					
April	4	NaN	0	-	0
May	2	NaN	0	-	0
June	10	NaN	0	-	0

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
July	26	NaN	0	-	0
August	14	NaN	0	-	0
September	12	NaN	0	-	0
October	13	NaN	0	-	0
November	36	NaN	0	-	0
December	42	NaN	0	-	0
<i>CB Region (Missing), Native Hawaiian or Other Pacific Islander, 2021</i>					
January	28	NaN	0	-	0
February	20	NaN	0	-	0
March	10	NaN	0	-	0
<i>CB Region (Missing), Unknown, 2020</i>					
April	65	NaN	1	-	153.85
May	59	NaN	0	-	0
June	91	NaN	1	-	109.89
July	191	NaN	1	-	52.36
August	131	NaN	0	-	0
September	108	NaN	1	-	92.59
October	163	NaN	0	-	0
November	443	NaN	2	-	45.15
December	424	NaN	2	-	47.17
<i>CB Region (Missing), Unknown, 2021</i>					
January	322	NaN	0	-	0
February	128	NaN	0	-	0
March	134	NaN	0	-	0
<i>CB Region (Missing), White, 2020</i>					
April	174	NaN	10	-	574.71
May	85	NaN	4	-	470.59
June	140	NaN	2	-	142.86
July	435	NaN	1	-	22.99
August	281	NaN	2	-	71.17
September	270	NaN	3	-	111.11
October	356	NaN	6	-	168.54
November	919	NaN	6	-	65.29
December	886	NaN	6	-	67.72

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Missing), White, 2021</i>					
January	636	NaN	7	-	110.06
February	265	NaN	3	-	113.21
March	277	NaN	0	-	0
<i>CB Region (Other), American Indian or Alaska Native, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	1	NaN	0	-	0
December	0	NaN	0	-	NaN
<i>CB Region (Other), American Indian or Alaska Native, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Asian, 2020</i>					
April	3	NaN	0	-	0
May	1	NaN	0	-	0
June	2	NaN	0	-	0
July	4	NaN	0	-	0
August	4	NaN	0	-	0
September	4	NaN	0	-	0
October	9	NaN	0	-	0
November	5	NaN	0	-	0
December	4	NaN	0	-	0
<i>CB Region (Other), Asian, 2021</i>					
January	1	NaN	0	-	0
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Black or African American, 2020</i>					
April	2	NaN	0	-	0
May	0	NaN	0	-	NaN

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
June	1	NaN	0	-	0
July	2	NaN	0	-	0
August	1	NaN	0	-	0
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	1	NaN	0	-	0
<i>CB Region (Other), Black or African American, 2021</i>					
January	2	NaN	0	-	0
February	0	NaN	0	-	NaN
March	1	NaN	0	-	0
<i>CB Region (Other), Native Hawaiian or Other Pacific Islander, 2020</i>					
April	2	NaN	0	-	0
May	6	NaN	0	-	0
June	4	NaN	0	-	0
July	8	NaN	0	-	0
August	9	NaN	0	-	0
September	5	NaN	0	-	0
October	13	NaN	0	-	0
November	7	NaN	1	-	1,428.57
December	5	NaN	0	-	0
<i>CB Region (Other), Native Hawaiian or Other Pacific Islander, 2021</i>					
January	2	NaN	0	-	0
February	2	NaN	0	-	0
March	1	NaN	0	-	0
<i>CB Region (Other), Unknown, 2020</i>					
April	12	NaN	0	-	0
May	36	NaN	1	-	277.78
June	30	NaN	0	-	0
July	45	NaN	1	-	222.22
August	74	NaN	1	-	135.14
September	31	NaN	1	-	322.58
October	92	NaN	0	-	0
November	63	NaN	2	-	317.46
December	25	NaN	1	-	400

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Other), Unknown, 2021</i>					
January	16	NaN	0	-	0
February	3	NaN	0	-	0
March	1	NaN	0	-	0
<i>CB Region (Other), White, 2020</i>					
April	0	NaN	0	-	NaN
May	1	NaN	0	-	0
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	1	NaN	0	-	0
September	0	NaN	0	-	NaN
October	1	NaN	0	-	0
November	0	NaN	0	-	NaN
December	1	NaN	0	-	0
<i>CB Region (Other), White, 2021</i>					
January	1	NaN	0	-	0
February	1	NaN	0	-	0
March	0	NaN	0	-	NaN
Index = Hospitalized with COVID: Outcome = Death					
<i>Midwest, American Indian or Alaska Native, 2020</i>					
April	4	NaN	1	-	2,500.00
May	10	NaN	4	-	4,000.00
June	4	NaN	0	-	0
July	2	NaN	0	-	0
August	6	NaN	1	-	1,666.67
September	4	NaN	0	-	0
October	14	NaN	0	-	0
November	25	NaN	7	-	2,800.00
December	20	NaN	3	-	1,500.00
<i>Midwest, American Indian or Alaska Native, 2021</i>					
January	13	NaN	2	-	1,538.46
February	1	NaN	0	-	0
March	6	NaN	0	-	0
<i>Midwest, Asian, 2020</i>					
April	25	NaN	7	-	2,800.00

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
May	31	NaN	3	-	967.74
June	14	NaN	2	-	1,428.57
July	6	NaN	0	-	0
August	19	NaN	1	-	526.32
September	23	NaN	2	-	869.57
October	32	NaN	6	-	1,875.00
November	110	NaN	16	-	1,454.55
December	77	NaN	9	-	1,168.83
<i>Midwest, Asian, 2021</i>					
January	38	NaN	4	-	1,052.63
February	20	NaN	2	-	1,000.00
March	28	NaN	1	-	357.14
<i>Midwest, Black or African American, 2020</i>					
April	514	NaN	124	-	2,412.45
May	233	NaN	36	-	1,545.06
June	119	NaN	17	-	1,428.57
July	224	NaN	25	-	1,116.07
August	151	NaN	20	-	1,324.50
September	96	NaN	17	-	1,770.83
October	232	NaN	32	-	1,379.31
November	551	NaN	65	-	1,179.67
December	595	NaN	101	-	1,697.48
<i>Midwest, Black or African American, 2021</i>					
January	334	NaN	42	-	1,257.49
February	123	NaN	10	-	813.01
March	108	NaN	5	-	462.96
<i>Midwest, Native Hawaiian or Other Pacific Islander, 2020</i>					
April	11	NaN	5	-	4,545.45
May	12	NaN	4	-	3,333.33
June	7	NaN	1	-	1,428.57
July	9	NaN	1	-	1,111.11
August	7	NaN	1	-	1,428.57
September	5	NaN	2	-	4,000.00
October	12	NaN	3	-	2,500.00
November	52	NaN	7	-	1,346.15

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
December	49	NaN	12	-	2,448.98
<i>Midwest, Native Hawaiian or Other Pacific Islander, 2021</i>					
January	26	NaN	3	-	1,153.85
February	11	NaN	2	-	1,818.18
March	7	NaN	0	-	0
<i>Midwest, Unknown, 2020</i>					
April	226	NaN	40	-	1,769.91
May	199	NaN	30	-	1,507.54
June	93	NaN	9	-	967.74
July	376	NaN	54	-	1,436.17
August	425	NaN	55	-	1,294.12
September	515	NaN	93	-	1,805.83
October	1,077	NaN	147	-	1,364.90
November	2,469	NaN	385	-	1,559.34
December	2,081	NaN	291	-	1,398.37
<i>Midwest, Unknown, 2021</i>					
January	1,324	NaN	202	-	1,525.68
February	541	NaN	82	-	1,515.71
March	449	NaN	18	-	400.89
<i>Midwest, White, 2020</i>					
April	610	NaN	155	-	2,540.98
May	513	NaN	136	-	2,651.07
June	269	NaN	43	-	1,598.51
July	468	NaN	80	-	1,709.40
August	584	NaN	81	-	1,386.99
September	724	NaN	118	-	1,629.83
October	1,704	NaN	242	-	1,420.19
November	3,976	NaN	652	-	1,639.84
December	3,229	NaN	553	-	1,712.60
<i>Midwest, White, 2021</i>					
January	2,074	NaN	280	-	1,350.05
February	789	NaN	102	-	1,292.78
March	621	NaN	40	-	644.12
<i>Northeast, American Indian or Alaska Native, 2020</i>					

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
April	3	NaN	0	-	0
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	1	NaN	0	-	0
September	0	NaN	0	-	NaN
October	1	NaN	0	-	0
November	1	NaN	0	-	0
December	1	NaN	0	-	0
<i>Northeast, American Indian or Alaska Native, 2021</i>					
January	3	NaN	1	-	3,333.33
February	1	NaN	0	-	0
March	3	NaN	0	-	0
<i>Northeast, Asian, 2020</i>					
April	92	NaN	18	-	1,956.52
May	13	NaN	3	-	2,307.69
June	6	NaN	0	-	0
July	5	NaN	0	-	0
August	1	NaN	0	-	0
September	4	NaN	2	-	5,000.00
October	3	NaN	1	-	3,333.33
November	34	NaN	9	-	2,647.06
December	49	NaN	8	-	1,632.65
<i>Northeast, Asian, 2021</i>					
January	53	NaN	8	-	1,509.43
February	38	NaN	4	-	1,052.63
March	25	NaN	1	-	400
<i>Northeast, Black or African American, 2020</i>					
April	619	NaN	183	-	2,956.38
May	134	NaN	19	-	1,417.91
June	46	NaN	6	-	1,304.35
July	37	NaN	3	-	810.81
August	30	NaN	2	-	666.67
September	14	NaN	3	-	2,142.86

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
October	48	NaN	4	-	833.33
November	203	NaN	26	-	1,280.79
December	294	NaN	49	-	1,666.67
<i>Northeast, Black or African American, 2021</i>					
January	266	NaN	38	-	1,428.57
February	186	NaN	28	-	1,505.38
March	169	NaN	14	-	828.4
<i>Northeast, Native Hawaiian or Other Pacific Islander, 2020</i>					
April	15	NaN	6	-	4,000.00
May	3	NaN	0	-	0
June	2	NaN	0	-	0
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	2	NaN	0	-	0
October	4	NaN	0	-	0
November	4	NaN	0	-	0
December	10	NaN	2	-	2,000.00
<i>Northeast, Native Hawaiian or Other Pacific Islander, 2021</i>					
January	14	NaN	0	-	0
February	8	NaN	2	-	2,500.00
March	6	NaN	0	-	0
<i>Northeast, Unknown, 2020</i>					
April	776	NaN	148	-	1,907.22
May	203	NaN	28	-	1,379.31
June	74	NaN	7	-	945.95
July	184	NaN	32	-	1,739.13
August	160	NaN	24	-	1,500.00
September	144	NaN	20	-	1,388.89
October	309	NaN	48	-	1,553.40
November	1,014	NaN	193	-	1,903.35
December	1,783	NaN	273	-	1,531.13
<i>Northeast, Unknown, 2021</i>					
January	1,272	NaN	197	-	1,548.74
February	594	NaN	84	-	1,414.14
March	673	NaN	35	-	520.06

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>Northeast, White, 2020</i>					
April	1,006	NaN	343	-	3,409.54
May	372	NaN	87	-	2,338.71
June	129	NaN	23	-	1,782.95
July	106	NaN	22	-	2,075.47
August	119	NaN	20	-	1,680.67
September	118	NaN	22	-	1,864.41
October	263	NaN	34	-	1,292.78
November	874	NaN	147	-	1,681.92
December	1,608	NaN	259	-	1,610.70
<i>Northeast, White, 2021</i>					
January	1,343	NaN	217	-	1,615.79
February	631	NaN	107	-	1,695.72
March	569	NaN	34	-	597.54
<i>South, American Indian or Alaska Native, 2020</i>					
April	10	NaN	3	-	3,000.00
May	2	NaN	2	-	10,000.00
June	5	NaN	1	-	2,000.00
July	16	NaN	1	-	625
August	11	NaN	3	-	2,727.27
September	9	NaN	1	-	1,111.11
October	15	NaN	1	-	666.67
November	18	NaN	2	-	1,111.11
December	41	NaN	11	-	2,682.93
<i>South, American Indian or Alaska Native, 2021</i>					
January	53	NaN	9	-	1,698.11
February	11	NaN	1	-	909.09
March	5	NaN	0	-	0
<i>South, Asian, 2020</i>					
April	22	NaN	7	-	3,181.82
May	16	NaN	5	-	3,125.00
June	35	NaN	7	-	2,000.00
July	62	NaN	13	-	2,096.77
August	27	NaN	4	-	1,481.48
September	16	NaN	1	-	625

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
October	30	NaN	4	-	1,333.33
November	60	NaN	8	-	1,333.33
December	116	NaN	18	-	1,551.72
<i>South, Asian, 2021</i>					
January	139	NaN	26	-	1,870.50
February	57	NaN	9	-	1,578.95
March	29	NaN	2	-	689.66
<i>South, Black or African American, 2020</i>					
April	833	NaN	187	-	2,244.90
May	428	NaN	86	-	2,009.35
June	787	NaN	119	-	1,512.07
July	2,102	NaN	393	-	1,869.65
August	1,133	NaN	191	-	1,685.79
September	553	NaN	71	-	1,283.91
October	764	NaN	118	-	1,544.50
November	1,230	NaN	215	-	1,747.97
December	2,182	NaN	344	-	1,576.54
<i>South, Black or African American, 2021</i>					
January	2,419	NaN	403	-	1,665.98
February	1,145	NaN	160	-	1,397.38
March	605	NaN	54	-	892.56
<i>South, Native Hawaiian or Other Pacific Islander, 2020</i>					
April	12	NaN	4	-	3,333.33
May	13	NaN	6	-	4,615.38
June	19	NaN	2	-	1,052.63
July	75	NaN	19	-	2,533.33
August	38	NaN	6	-	1,578.95
September	18	NaN	4	-	2,222.22
October	20	NaN	3	-	1,500.00
November	38	NaN	9	-	2,368.42
December	79	NaN	11	-	1,392.41
<i>South, Native Hawaiian or Other Pacific Islander, 2021</i>					
January	92	NaN	25	-	2,717.39
February	26	NaN	3	-	1,153.85

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
March	21	NaN	0	-	0
<i>South, Unknown, 2020</i>					
April	411	NaN	36	-	875.91
May	286	NaN	30	-	1,048.95
June	605	NaN	59	-	975.21
July	2,299	NaN	344	-	1,496.30
August	1,341	NaN	177	-	1,319.91
September	869	NaN	116	-	1,334.87
October	1,242	NaN	177	-	1,425.12
November	2,145	NaN	274	-	1,277.39
December	3,517	NaN	531	-	1,509.81
<i>South, Unknown, 2021</i>					
January	3,499	NaN	469	-	1,340.38
February	1,602	NaN	198	-	1,235.96
March	1,038	NaN	47	-	452.79
<i>South, White, 2020</i>					
April	857	NaN	194	-	2,263.71
May	569	NaN	123	-	2,161.69
June	1,088	NaN	216	-	1,985.29
July	3,292	NaN	614	-	1,865.13
August	2,316	NaN	446	-	1,925.73
September	1,626	NaN	274	-	1,685.12
October	2,608	NaN	386	-	1,480.06
November	4,622	NaN	748	-	1,618.35
December	7,334	NaN	1,259	-	1,716.66
<i>South, White, 2021</i>					
January	6,765	NaN	1,167	-	1,725.06
February	2,773	NaN	393	-	1,417.24
March	1,565	NaN	111	-	709.27
<i>West, American Indian or Alaska Native, 2020</i>					
April	10	NaN	5	-	5,000.00
May	11	NaN	1	-	909.09
June	6	NaN	1	-	1,666.67
July	16	NaN	1	-	625

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
August	7	NaN	1	-	1,428.57
September	7	NaN	3	-	4,285.71
October	16	NaN	3	-	1,875.00
November	46	NaN	10	-	2,173.91
December	48	NaN	9	-	1,875.00
<i>West, American Indian or Alaska Native, 2021</i>					
January	36	NaN	4	-	1,111.11
February	16	NaN	4	-	2,500.00
March	5	NaN	0	-	0
<i>West, Asian, 2020</i>					
April	37	NaN	5	-	1,351.35
May	17	NaN	0	-	0
June	22	NaN	4	-	1,818.18
July	56	NaN	10	-	1,785.71
August	31	NaN	3	-	967.74
September	16	NaN	3	-	1,875.00
October	36	NaN	8	-	2,222.22
November	129	NaN	12	-	930.23
December	172	NaN	38	-	2,209.30
<i>West, Asian, 2021</i>					
January	132	NaN	16	-	1,212.12
February	40	NaN	8	-	2,000.00
March	26	NaN	2	-	769.23
<i>West, Black or African American, 2020</i>					
April	81	NaN	22	-	2,716.05
May	21	NaN	4	-	1,904.76
June	29	NaN	5	-	1,724.14
July	75	NaN	8	-	1,066.67
August	47	NaN	8	-	1,702.13
September	12	NaN	0	-	0
October	38	NaN	2	-	526.32
November	134	NaN	14	-	1,044.78
December	172	NaN	25	-	1,453.49
<i>West, Black or African American, 2021</i>					
January	121	NaN	16	-	1,322.31

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
February	62	NaN	6	-	967.74
March	33	NaN	1	-	303.03
<i>West, Native Hawaiian or Other Pacific Islander, 2020</i>					
April	7	NaN	3	-	4,285.71
May	10	NaN	3	-	3,000.00
June	17	NaN	3	-	1,764.71
July	28	NaN	6	-	2,142.86
August	21	NaN	3	-	1,428.57
September	11	NaN	2	-	1,818.18
October	18	NaN	5	-	2,777.78
November	47	NaN	10	-	2,127.66
December	83	NaN	21	-	2,530.12
<i>West, Native Hawaiian or Other Pacific Islander, 2021</i>					
January	75	NaN	12	-	1,600.00
February	14	NaN	2	-	1,428.57
March	4	NaN	0	-	0
<i>West, Unknown, 2020</i>					
April	238	NaN	33	-	1,386.55
May	143	NaN	20	-	1,398.60
June	229	NaN	34	-	1,484.72
July	487	NaN	51	-	1,047.23
August	296	NaN	28	-	945.95
September	205	NaN	22	-	1,073.17
October	353	NaN	43	-	1,218.13
November	923	NaN	148	-	1,603.47
December	1,312	NaN	202	-	1,539.63
<i>West, Unknown, 2021</i>					
January	1,006	NaN	155	-	1,540.76
February	380	NaN	37	-	973.68
March	207	NaN	5	-	241.55
<i>West, White, 2020</i>					
April	400	NaN	95	-	2,375.00
May	194	NaN	60	-	3,092.78
June	261	NaN	45	-	1,724.14
July	606	NaN	114	-	1,881.19

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
August	340	NaN	73	-	2,147.06
September	283	NaN	38	-	1,342.76
October	565	NaN	89	-	1,575.22
November	1,594	NaN	272	-	1,706.40
December	2,135	NaN	390	-	1,826.70
<i>West, White, 2021</i>					
January	1,604	NaN	282	-	1,758.10
February	631	NaN	84	-	1,331.22
March	338	NaN	30	-	887.57
<i>CB Region (Invalid), American Indian or Alaska Native, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Invalid), American Indian or Alaska Native, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Invalid), Asian, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	1	NaN	0	-	0
October	1	NaN	0	-	0
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Invalid), Asian, 2021</i>					
January	0	NaN	0	-	NaN

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
February	0	NaN	0	-	NaN
March	1	NaN	0	-	0
<i>CB Region (Invalid), Black or African American, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	2	NaN	0	-	0
August	2	NaN	0	-	0
September	1	NaN	0	-	0
October	1	NaN	0	-	0
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Invalid), Black or African American, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Invalid), Native Hawaiian or Other Pacific Islander, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	1	NaN	0	-	0
December	0	NaN	0	-	NaN
<i>CB Region (Invalid), Native Hawaiian or Other Pacific Islander, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Invalid), Unknown, 2020</i>					
April	1	NaN	0	-	0
May	1	NaN	0	-	0
June	1	NaN	0	-	0

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
July	3	NaN	0	-	0
August	4	NaN	0	-	0
September	2	NaN	0	-	0
October	4	NaN	0	-	0
November	6	NaN	1	-	1,666.67
December	6	NaN	1	-	1,666.67
<i>CB Region (Invalid), Unknown, 2021</i>					
January	4	NaN	0	-	0
February	4	NaN	0	-	0
March	2	NaN	0	-	0
<i>CB Region (Invalid), White, 2020</i>					
April	3	NaN	0	-	0
May	1	NaN	1	-	10,000.00
June	2	NaN	1	-	5,000.00
July	4	NaN	0	-	0
August	3	NaN	1	-	3,333.33
September	2	NaN	1	-	5,000.00
October	7	NaN	2	-	2,857.14
November	9	NaN	1	-	1,111.11
December	10	NaN	3	-	3,000.00
<i>CB Region (Invalid), White, 2021</i>					
January	8	NaN	4	-	5,000.00
February	4	NaN	0	-	0
March	3	NaN	1	-	3,333.33
<i>CB Region (Missing), American Indian or Alaska Native, 2020</i>					
April	1	NaN	0	-	0
May	0	NaN	0	-	NaN
June	1	NaN	0	-	0
July	0	NaN	0	-	NaN
August	3	NaN	0	-	0
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	1	NaN	0	-	0
<i>CB Region (Missing), American Indian or Alaska Native, 2021</i>					

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
January	2	NaN	0	-	0
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Missing), Asian, 2020</i>					
April	6	NaN	2	-	3,333.33
May	1	NaN	0	-	0
June	2	NaN	0	-	0
July	0	NaN	0	-	NaN
August	1	NaN	0	-	0
September	2	NaN	0	-	0
October	1	NaN	0	-	0
November	8	NaN	0	-	0
December	6	NaN	0	-	0
<i>CB Region (Missing), Asian, 2021</i>					
January	2	NaN	0	-	0
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Missing), Black or African American, 2020</i>					
April	8	NaN	1	-	1,250.00
May	4	NaN	1	-	2,500.00
June	0	NaN	0	-	NaN
July	1	NaN	0	-	0
August	2	NaN	0	-	0
September	0	NaN	0	-	NaN
October	1	NaN	0	-	0
November	4	NaN	0	-	0
December	6	NaN	1	-	1,666.67
<i>CB Region (Missing), Black or African American, 2021</i>					
January	3	NaN	0	-	0
February	2	NaN	0	-	0
March	2	NaN	0	-	0
<i>CB Region (Missing), Native Hawaiian or Other Pacific Islander, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	3	NaN	0	-	0
December	1	NaN	0	-	0
<i>CB Region (Missing), Native Hawaiian or Other Pacific Islander, 2021</i>					
January	4	NaN	0	-	0
February	2	NaN	0	-	0
March	1	NaN	0	-	0
<i>CB Region (Missing), Unknown, 2020</i>					
April	8	NaN	0	-	0
May	2	NaN	0	-	0
June	6	NaN	0	-	0
July	8	NaN	0	-	0
August	3	NaN	0	-	0
September	3	NaN	0	-	0
October	6	NaN	0	-	0
November	18	NaN	1	-	555.56
December	32	NaN	2	-	625
<i>CB Region (Missing), Unknown, 2021</i>					
January	19	NaN	0	-	0
February	9	NaN	1	-	1,111.11
March	8	NaN	0	-	0
<i>CB Region (Missing), White, 2020</i>					
April	27	NaN	9	-	3,333.33
May	17	NaN	4	-	2,352.94
June	9	NaN	0	-	0
July	11	NaN	1	-	909.09
August	6	NaN	0	-	0
September	9	NaN	1	-	1,111.11
October	21	NaN	5	-	2,380.95
November	35	NaN	6	-	1,714.29
December	46	NaN	7	-	1,521.74
<i>CB Region (Missing), White, 2021</i>					

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
January	46	NaN	5	-	1,086.96
February	23	NaN	3	-	1,304.35
March	15	NaN	0	-	0
<i>CB Region (Other), American Indian or Alaska Native, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), American Indian or Alaska Native, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Asian, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	1	NaN	0	-	0
October	3	NaN	0	-	0
November	1	NaN	0	-	0
December	1	NaN	0	-	0
<i>CB Region (Other), Asian, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Black or African American, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), Black or African American, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Native Hawaiian or Other Pacific Islander, 2020</i>					
April	1	NaN	0	-	0
May	1	NaN	0	-	0
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	1	NaN	0	-	0
October	7	NaN	0	-	0
November	4	NaN	1	-	2,500.00
December	2	NaN	0	-	0
<i>CB Region (Other), Native Hawaiian or Other Pacific Islander, 2021</i>					
January	0	NaN	0	-	NaN
February	1	NaN	0	-	0
March	1	NaN	0	-	0
<i>CB Region (Other), Unknown, 2020</i>					
April	2	NaN	0	-	0
May	1	NaN	0	-	0
June	0	NaN	0	-	NaN
July	3	NaN	1	-	3,333.33
August	15	NaN	0	-	0
September	9	NaN	2	-	2,222.22
October	21	NaN	0	-	0
November	18	NaN	1	-	555.56
December	7	NaN	1	-	1,428.57
<i>CB Region (Other), Unknown, 2021</i>					

Table 13. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Race, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
January	2	NaN	0	-	0
February	0	NaN	0	-	NaN
March	1	NaN	0	-	0
<i>CB Region (Other), White, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), White, 2021</i>					
January	1	NaN	0	-	0
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN

¹Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

²See Appendix B for a list of states and territories included in each Census Bureau region.

³Eligible Members are reflective of the number of patients that met all cohort entry criteria on at least one day during the query period.

⁴Data presented by a dash, asterisk, or period represent missing information. Data represented by NaN (Not a Number) is due to their inability to be calculated. This table may not use all data representations.

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
Index = Evidence of PCR Test for SARS COV2: Outcome = None					
<i>Midwest, Hispanic, 2020</i>					
April	196	NaN	N/A ⁴	-	N/A
May	679	NaN	N/A	-	N/A
June	750	NaN	N/A	-	N/A
July	992	NaN	N/A	-	N/A
August	685	NaN	N/A	-	N/A
September	778	NaN	N/A	-	N/A
October	1,051	NaN	N/A	-	N/A
November	1,521	NaN	N/A	-	N/A
December	957	NaN	N/A	-	N/A
<i>Midwest, Hispanic, 2021</i>					
January	564	NaN	N/A	-	N/A
February	442	NaN	N/A	-	N/A
March	502	NaN	N/A	-	N/A
<i>Midwest, Not Hispanic, 2020</i>					
April	4,513	NaN	N/A	-	N/A
May	12,419	NaN	N/A	-	N/A
June	17,559	NaN	N/A	-	N/A
July	20,622	NaN	N/A	-	N/A
August	15,248	NaN	N/A	-	N/A
September	15,039	NaN	N/A	-	N/A
October	19,629	NaN	N/A	-	N/A
November	24,568	NaN	N/A	-	N/A
December	16,743	NaN	N/A	-	N/A
<i>Midwest, Not Hispanic, 2021</i>					
January	11,842	NaN	N/A	-	N/A
February	8,658	NaN	N/A	-	N/A
March	9,954	NaN	N/A	-	N/A
<i>Midwest, Unknown, 2020</i>					
April	1,965	NaN	N/A	-	N/A
May	5,076	NaN	N/A	-	N/A
June	9,861	NaN	N/A	-	N/A
July	18,801	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
August	14,831	NaN	N/A	-	N/A
September	14,241	NaN	N/A	-	N/A
October	19,899	NaN	N/A	-	N/A
November	27,021	NaN	N/A	-	N/A
December	18,894	NaN	N/A	-	N/A
<i>Midwest, Unknown, 2021</i>					
January	11,172	NaN	N/A	-	N/A
February	6,327	NaN	N/A	-	N/A
March	6,587	NaN	N/A	-	N/A
<i>Northeast, Hispanic, 2020</i>					
April	708	NaN	N/A	-	N/A
May	1,119	NaN	N/A	-	N/A
June	1,632	NaN	N/A	-	N/A
July	2,129	NaN	N/A	-	N/A
August	1,825	NaN	N/A	-	N/A
September	1,518	NaN	N/A	-	N/A
October	1,896	NaN	N/A	-	N/A
November	2,520	NaN	N/A	-	N/A
December	2,045	NaN	N/A	-	N/A
<i>Northeast, Hispanic, 2021</i>					
January	1,608	NaN	N/A	-	N/A
February	930	NaN	N/A	-	N/A
March	1,036	NaN	N/A	-	N/A
<i>Northeast, Not Hispanic, 2020</i>					
April	654	NaN	N/A	-	N/A
May	1,247	NaN	N/A	-	N/A
June	1,662	NaN	N/A	-	N/A
July	1,734	NaN	N/A	-	N/A
August	1,393	NaN	N/A	-	N/A
September	1,341	NaN	N/A	-	N/A
October	1,592	NaN	N/A	-	N/A
November	1,949	NaN	N/A	-	N/A
December	1,923	NaN	N/A	-	N/A
<i>Northeast, Not Hispanic, 2021</i>					

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
January	1,475	NaN	N/A	-	N/A
February	802	NaN	N/A	-	N/A
March	770	NaN	N/A	-	N/A
<i>Northeast, Unknown, 2020</i>					
April	8,532	NaN	N/A	-	N/A
May	15,881	NaN	N/A	-	N/A
June	28,596	NaN	N/A	-	N/A
July	40,028	NaN	N/A	-	N/A
August	36,544	NaN	N/A	-	N/A
September	34,366	NaN	N/A	-	N/A
October	41,059	NaN	N/A	-	N/A
November	53,171	NaN	N/A	-	N/A
December	46,711	NaN	N/A	-	N/A
<i>Northeast, Unknown, 2021</i>					
January	34,903	NaN	N/A	-	N/A
February	19,918	NaN	N/A	-	N/A
March	21,322	NaN	N/A	-	N/A
<i>South, Hispanic, 2020</i>					
April	1,245	NaN	N/A	-	N/A
May	1,811	NaN	N/A	-	N/A
June	4,610	NaN	N/A	-	N/A
July	5,655	NaN	N/A	-	N/A
August	2,674	NaN	N/A	-	N/A
September	1,793	NaN	N/A	-	N/A
October	2,918	NaN	N/A	-	N/A
November	3,595	NaN	N/A	-	N/A
December	3,585	NaN	N/A	-	N/A
<i>South, Hispanic, 2021</i>					
January	2,668	NaN	N/A	-	N/A
February	1,330	NaN	N/A	-	N/A
March	1,100	NaN	N/A	-	N/A
<i>South, Not Hispanic, 2020</i>					
April	13,687	NaN	N/A	-	N/A
May	25,689	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
June	31,199	NaN	N/A	-	N/A
July	37,401	NaN	N/A	-	N/A
August	26,382	NaN	N/A	-	N/A
September	21,559	NaN	N/A	-	N/A
October	26,352	NaN	N/A	-	N/A
November	27,654	NaN	N/A	-	N/A
December	31,348	NaN	N/A	-	N/A
<i>South, Not Hispanic, 2021</i>					
January	24,796	NaN	N/A	-	N/A
February	13,860	NaN	N/A	-	N/A
March	11,542	NaN	N/A	-	N/A
<i>South, Unknown, 2020</i>					
April	11,084	NaN	N/A	-	N/A
May	17,611	NaN	N/A	-	N/A
June	45,400	NaN	N/A	-	N/A
July	64,360	NaN	N/A	-	N/A
August	39,670	NaN	N/A	-	N/A
September	31,288	NaN	N/A	-	N/A
October	40,665	NaN	N/A	-	N/A
November	54,320	NaN	N/A	-	N/A
December	57,010	NaN	N/A	-	N/A
<i>South, Unknown, 2021</i>					
January	43,941	NaN	N/A	-	N/A
February	22,044	NaN	N/A	-	N/A
March	18,206	NaN	N/A	-	N/A
<i>West, Hispanic, 2020</i>					
April	1,725	NaN	N/A	-	N/A
May	3,114	NaN	N/A	-	N/A
June	5,256	NaN	N/A	-	N/A
July	7,987	NaN	N/A	-	N/A
August	5,631	NaN	N/A	-	N/A
September	4,817	NaN	N/A	-	N/A
October	8,106	NaN	N/A	-	N/A
November	12,019	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
December	9,285	NaN	N/A	-	N/A
<i>West, Hispanic, 2021</i>					
January	5,671	NaN	N/A	-	N/A
February	3,410	NaN	N/A	-	N/A
March	3,220	NaN	N/A	-	N/A
<i>West, Not Hispanic, 2020</i>					
April	11,552	NaN	N/A	-	N/A
May	19,999	NaN	N/A	-	N/A
June	27,679	NaN	N/A	-	N/A
July	40,751	NaN	N/A	-	N/A
August	33,725	NaN	N/A	-	N/A
September	29,954	NaN	N/A	-	N/A
October	44,680	NaN	N/A	-	N/A
November	62,707	NaN	N/A	-	N/A
December	47,823	NaN	N/A	-	N/A
<i>West, Not Hispanic, 2021</i>					
January	33,525	NaN	N/A	-	N/A
February	22,498	NaN	N/A	-	N/A
March	22,496	NaN	N/A	-	N/A
<i>West, Unknown, 2020</i>					
April	3,999	NaN	N/A	-	N/A
May	8,634	NaN	N/A	-	N/A
June	19,044	NaN	N/A	-	N/A
July	27,306	NaN	N/A	-	N/A
August	16,991	NaN	N/A	-	N/A
September	13,273	NaN	N/A	-	N/A
October	21,758	NaN	N/A	-	N/A
November	33,620	NaN	N/A	-	N/A
December	29,348	NaN	N/A	-	N/A
<i>West, Unknown, 2021</i>					
January	17,851	NaN	N/A	-	N/A
February	11,082	NaN	N/A	-	N/A
March	10,209	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Invalid), Hispanic, 2020</i>					
April	3	NaN	N/A	-	N/A
May	8	NaN	N/A	-	N/A
June	10	NaN	N/A	-	N/A
July	8	NaN	N/A	-	N/A
August	8	NaN	N/A	-	N/A
September	13	NaN	N/A	-	N/A
October	15	NaN	N/A	-	N/A
November	29	NaN	N/A	-	N/A
December	12	NaN	N/A	-	N/A
<i>CB Region (Invalid), Hispanic, 2021</i>					
January	14	NaN	N/A	-	N/A
February	8	NaN	N/A	-	N/A
March	7	NaN	N/A	-	N/A
<i>CB Region (Invalid), Not Hispanic, 2020</i>					
April	17	NaN	N/A	-	N/A
May	51	NaN	N/A	-	N/A
June	71	NaN	N/A	-	N/A
July	72	NaN	N/A	-	N/A
August	75	NaN	N/A	-	N/A
September	59	NaN	N/A	-	N/A
October	92	NaN	N/A	-	N/A
November	119	NaN	N/A	-	N/A
December	90	NaN	N/A	-	N/A
<i>CB Region (Invalid), Not Hispanic, 2021</i>					
January	51	NaN	N/A	-	N/A
February	40	NaN	N/A	-	N/A
March	27	NaN	N/A	-	N/A
<i>CB Region (Invalid), Unknown, 2020</i>					
April	34	NaN	N/A	-	N/A
May	48	NaN	N/A	-	N/A
June	124	NaN	N/A	-	N/A
July	149	NaN	N/A	-	N/A
August	124	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
September	98	NaN	N/A	-	N/A
October	162	NaN	N/A	-	N/A
November	142	NaN	N/A	-	N/A
December	185	NaN	N/A	-	N/A
<i>CB Region (Invalid), Unknown, 2021</i>					
January	143	NaN	N/A	-	N/A
February	78	NaN	N/A	-	N/A
March	84	NaN	N/A	-	N/A
<i>CB Region (Missing), Hispanic, 2020</i>					
April	185	NaN	N/A	-	N/A
May	241	NaN	N/A	-	N/A
June	327	NaN	N/A	-	N/A
July	597	NaN	N/A	-	N/A
August	417	NaN	N/A	-	N/A
September	310	NaN	N/A	-	N/A
October	421	NaN	N/A	-	N/A
November	581	NaN	N/A	-	N/A
December	440	NaN	N/A	-	N/A
<i>CB Region (Missing), Hispanic, 2021</i>					
January	296	NaN	N/A	-	N/A
February	189	NaN	N/A	-	N/A
March	208	NaN	N/A	-	N/A
<i>CB Region (Missing), Not Hispanic, 2020</i>					
April	2,234	NaN	N/A	-	N/A
May	2,778	NaN	N/A	-	N/A
June	4,060	NaN	N/A	-	N/A
July	6,432	NaN	N/A	-	N/A
August	4,630	NaN	N/A	-	N/A
September	3,663	NaN	N/A	-	N/A
October	5,092	NaN	N/A	-	N/A
November	6,399	NaN	N/A	-	N/A
December	4,920	NaN	N/A	-	N/A
<i>CB Region (Missing), Not Hispanic, 2021</i>					
January	3,394	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
February	2,212	NaN	N/A	-	N/A
March	2,322	NaN	N/A	-	N/A
<i>CB Region (Missing), Unknown, 2020</i>					
April	260	NaN	N/A	-	N/A
May	346	NaN	N/A	-	N/A
June	523	NaN	N/A	-	N/A
July	936	NaN	N/A	-	N/A
August	696	NaN	N/A	-	N/A
September	601	NaN	N/A	-	N/A
October	825	NaN	N/A	-	N/A
November	1,218	NaN	N/A	-	N/A
December	914	NaN	N/A	-	N/A
<i>CB Region (Missing), Unknown, 2021</i>					
January	695	NaN	N/A	-	N/A
February	444	NaN	N/A	-	N/A
March	528	NaN	N/A	-	N/A
<i>CB Region (Other), Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	1	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	4	NaN	N/A	-	N/A
August	1	NaN	N/A	-	N/A
September	1	NaN	N/A	-	N/A
October	1	NaN	N/A	-	N/A
November	1	NaN	N/A	-	N/A
December	4	NaN	N/A	-	N/A
<i>CB Region (Other), Hispanic, 2021</i>					
January	1	NaN	N/A	-	N/A
February	1	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Other), Not Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
July	1	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	1	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Other), Not Hispanic, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Other), Unknown, 2020</i>					
April	2	NaN	N/A	-	N/A
May	6	NaN	N/A	-	N/A
June	7	NaN	N/A	-	N/A
July	22	NaN	N/A	-	N/A
August	17	NaN	N/A	-	N/A
September	2	NaN	N/A	-	N/A
October	14	NaN	N/A	-	N/A
November	22	NaN	N/A	-	N/A
December	22	NaN	N/A	-	N/A
<i>CB Region (Other), Unknown, 2021</i>					
January	16	NaN	N/A	-	N/A
February	14	NaN	N/A	-	N/A
March	14	NaN	N/A	-	N/A

Index = Evidence of PCR Test for SARS COV2: Outcome = COVID+

Midwest, Hispanic, 2020

April	196	NaN	80	-	4,081.63
May	679	NaN	253	-	3,726.07
June	750	NaN	174	-	2,320.00
July	992	NaN	224	-	2,258.06
August	685	NaN	146	-	2,131.39
September	778	NaN	161	-	2,069.41
October	1,051	NaN	258	-	2,454.80
November	1,521	NaN	506	-	3,326.76

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
December	957	NaN	256	-	2,675.03
<i>Midwest, Hispanic, 2021</i>					
January	564	NaN	103	-	1,826.24
February	442	NaN	50	-	1,131.22
March	502	NaN	38	-	756.97
<i>Midwest, Not Hispanic, 2020</i>					
April	4,513	NaN	1,147	-	2,541.55
May	12,419	NaN	2,374	-	1,911.59
June	17,559	NaN	2,331	-	1,327.52
July	20,622	NaN	2,922	-	1,416.93
August	15,248	NaN	2,155	-	1,413.30
September	15,039	NaN	2,096	-	1,393.71
October	19,629	NaN	3,577	-	1,822.30
November	24,568	NaN	6,224	-	2,533.38
December	16,743	NaN	3,340	-	1,994.86
<i>Midwest, Not Hispanic, 2021</i>					
January	11,842	NaN	1,798	-	1,518.32
February	8,658	NaN	715	-	825.83
March	9,954	NaN	682	-	685.15
<i>Midwest, Unknown, 2020</i>					
April	1,965	NaN	509	-	2,590.33
May	5,076	NaN	954	-	1,879.43
June	9,861	NaN	1,399	-	1,418.72
July	18,801	NaN	2,867	-	1,524.92
August	14,831	NaN	2,456	-	1,655.99
September	14,241	NaN	2,401	-	1,685.98
October	19,899	NaN	3,935	-	1,977.49
November	27,021	NaN	7,078	-	2,619.44
December	18,894	NaN	4,422	-	2,340.43
<i>Midwest, Unknown, 2021</i>					
January	11,172	NaN	2,333	-	2,088.26
February	6,327	NaN	804	-	1,270.74
March	6,587	NaN	747	-	1,134.05
<i>Northeast, Hispanic, 2020</i>					

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
April	708	NaN	381	-	5,381.36
May	1,119	NaN	268	-	2,395.00
June	1,632	NaN	272	-	1,666.67
July	2,129	NaN	348	-	1,634.57
August	1,825	NaN	303	-	1,660.27
September	1,518	NaN	245	-	1,613.97
October	1,896	NaN	361	-	1,904.01
November	2,520	NaN	602	-	2,388.89
December	2,045	NaN	507	-	2,479.22
<i>Northeast, Hispanic, 2021</i>					
January	1,608	NaN	360	-	2,238.81
February	930	NaN	160	-	1,720.43
March	1,036	NaN	159	-	1,534.75
<i>Northeast, Not Hispanic, 2020</i>					
April	654	NaN	207	-	3,165.14
May	1,247	NaN	276	-	2,213.31
June	1,662	NaN	251	-	1,510.23
July	1,734	NaN	241	-	1,389.85
August	1,393	NaN	173	-	1,241.92
September	1,341	NaN	169	-	1,260.25
October	1,592	NaN	251	-	1,576.63
November	1,949	NaN	399	-	2,047.20
December	1,923	NaN	518	-	2,693.71
<i>Northeast, Not Hispanic, 2021</i>					
January	1,475	NaN	302	-	2,047.46
February	802	NaN	107	-	1,334.16
March	770	NaN	101	-	1,311.69
<i>Northeast, Unknown, 2020</i>					
April	8,532	NaN	3,468	-	4,064.70
May	15,881	NaN	3,270	-	2,059.06
June	28,596	NaN	3,919	-	1,370.47
July	40,028	NaN	5,377	-	1,343.31
August	36,544	NaN	4,614	-	1,262.59
September	34,366	NaN	4,424	-	1,287.32

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
October	41,059	NaN	5,562	-	1,354.64
November	53,171	NaN	9,693	-	1,822.99
December	46,711	NaN	9,838	-	2,106.14
<i>Northeast, Unknown, 2021</i>					
January	34,903	NaN	6,437	-	1,844.25
February	19,918	NaN	2,889	-	1,450.45
March	21,322	NaN	2,811	-	1,318.36
<i>South, Hispanic, 2020</i>					
April	1,245	NaN	325	-	2,610.44
May	1,811	NaN	458	-	2,528.99
June	4,610	NaN	1,424	-	3,088.94
July	5,655	NaN	1,669	-	2,951.37
August	2,674	NaN	613	-	2,292.45
September	1,793	NaN	334	-	1,862.80
October	2,918	NaN	628	-	2,152.16
November	3,595	NaN	845	-	2,350.49
December	3,585	NaN	955	-	2,663.88
<i>South, Hispanic, 2021</i>					
January	2,668	NaN	704	-	2,638.68
February	1,330	NaN	254	-	1,909.77
March	1,100	NaN	146	-	1,327.27
<i>South, Not Hispanic, 2020</i>					
April	13,687	NaN	3,005	-	2,195.51
May	25,689	NaN	3,481	-	1,355.05
June	31,199	NaN	5,071	-	1,625.37
July	37,401	NaN	7,642	-	2,043.26
August	26,382	NaN	4,808	-	1,822.45
September	21,559	NaN	3,462	-	1,605.83
October	26,352	NaN	4,618	-	1,752.43
November	27,654	NaN	6,052	-	2,188.47
December	31,348	NaN	8,003	-	2,552.95
<i>South, Not Hispanic, 2021</i>					
January	24,796	NaN	6,368	-	2,568.16
February	13,860	NaN	2,145	-	1,547.62

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
March	11,542	NaN	1,030	-	892.39
<i>South, Unknown, 2020</i>					
April	11,084	NaN	2,453	-	2,213.10
May	17,611	NaN	2,825	-	1,604.11
June	45,400	NaN	9,230	-	2,033.04
July	64,360	NaN	13,210	-	2,052.52
August	39,670	NaN	6,517	-	1,642.80
September	31,288	NaN	4,852	-	1,550.75
October	40,665	NaN	6,865	-	1,688.18
November	54,320	NaN	10,415	-	1,917.34
December	57,010	NaN	12,230	-	2,145.24
<i>South, Unknown, 2021</i>					
January	43,941	NaN	9,831	-	2,237.32
February	22,044	NaN	3,382	-	1,534.20
March	18,206	NaN	1,972	-	1,083.16
<i>West, Hispanic, 2020</i>					
April	1,725	NaN	524	-	3,037.68
May	3,114	NaN	708	-	2,273.60
June	5,256	NaN	1,164	-	2,214.61
July	7,987	NaN	2,050	-	2,566.67
August	5,631	NaN	1,080	-	1,917.95
September	4,817	NaN	934	-	1,938.97
October	8,106	NaN	1,858	-	2,292.13
November	12,019	NaN	3,523	-	2,931.19
December	9,285	NaN	2,613	-	2,814.22
<i>West, Hispanic, 2021</i>					
January	5,671	NaN	1,321	-	2,329.40
February	3,410	NaN	428	-	1,255.13
March	3,220	NaN	299	-	928.57
<i>West, Not Hispanic, 2020</i>					
April	11,552	NaN	1,748	-	1,513.16
May	19,999	NaN	1,664	-	832.04
June	27,679	NaN	2,412	-	871.42
July	40,751	NaN	4,213	-	1,033.84

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
August	33,725	NaN	2,922	-	866.42
September	29,954	NaN	2,656	-	886.69
October	44,680	NaN	4,701	-	1,052.15
November	62,707	NaN	9,991	-	1,593.28
December	47,823	NaN	7,378	-	1,542.77
<i>West, Not Hispanic, 2021</i>					
January	33,525	NaN	4,422	-	1,319.02
February	22,498	NaN	1,752	-	778.74
March	22,496	NaN	1,549	-	688.57
<i>West, Unknown, 2020</i>					
April	3,999	NaN	741	-	1,852.96
May	8,634	NaN	1,100	-	1,274.03
June	19,044	NaN	3,205	-	1,682.94
July	27,306	NaN	4,938	-	1,808.39
August	16,991	NaN	2,283	-	1,343.65
September	13,273	NaN	1,908	-	1,437.50
October	21,758	NaN	3,614	-	1,661.00
November	33,620	NaN	6,656	-	1,979.77
December	29,348	NaN	6,447	-	2,196.74
<i>West, Unknown, 2021</i>					
January	17,851	NaN	3,785	-	2,120.33
February	11,082	NaN	1,148	-	1,035.91
March	10,209	NaN	673	-	659.22
<i>CB Region (Invalid), Hispanic, 2020</i>					
April	3	NaN	1	-	3,333.33
May	8	NaN	3	-	3,750.00
June	10	NaN	1	-	1,000.00
July	8	NaN	2	-	2,500.00
August	8	NaN	4	-	5,000.00
September	13	NaN	1	-	769.23
October	15	NaN	3	-	2,000.00
November	29	NaN	12	-	4,137.93
December	12	NaN	0	-	0
<i>CB Region (Invalid), Hispanic, 2021</i>					

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
January	14	NaN	2	-	1,428.57
February	8	NaN	1	-	1,250.00
March	7	NaN	0	-	0
<i>CB Region (Invalid), Not Hispanic, 2020</i>					
April	17	NaN	2	-	1,176.47
May	51	NaN	8	-	1,568.63
June	71	NaN	6	-	845.07
July	72	NaN	17	-	2,361.11
August	75	NaN	8	-	1,066.67
September	59	NaN	10	-	1,694.92
October	92	NaN	12	-	1,304.35
November	119	NaN	25	-	2,100.84
December	90	NaN	21	-	2,333.33
<i>CB Region (Invalid), Not Hispanic, 2021</i>					
January	51	NaN	13	-	2,549.02
February	40	NaN	8	-	2,000.00
March	27	NaN	3	-	1,111.11
<i>CB Region (Invalid), Unknown, 2020</i>					
April	34	NaN	7	-	2,058.82
May	48	NaN	7	-	1,458.33
June	124	NaN	24	-	1,935.48
July	149	NaN	19	-	1,275.17
August	124	NaN	13	-	1,048.39
September	98	NaN	17	-	1,734.69
October	162	NaN	13	-	802.47
November	142	NaN	28	-	1,971.83
December	185	NaN	31	-	1,675.68
<i>CB Region (Invalid), Unknown, 2021</i>					
January	143	NaN	17	-	1,188.81
February	78	NaN	9	-	1,153.85
March	84	NaN	8	-	952.38
<i>CB Region (Missing), Hispanic, 2020</i>					
April	185	NaN	31	-	1,675.68

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
May	241	NaN	19	-	788.38
June	327	NaN	39	-	1,192.66
July	597	NaN	79	-	1,323.28
August	417	NaN	50	-	1,199.04
September	310	NaN	36	-	1,161.29
October	421	NaN	55	-	1,306.41
November	581	NaN	96	-	1,652.32
December	440	NaN	68	-	1,545.45
<i>CB Region (Missing), Hispanic, 2021</i>					
January	296	NaN	45	-	1,520.27
February	189	NaN	16	-	846.56
March	208	NaN	15	-	721.15
<i>CB Region (Missing), Not Hispanic, 2020</i>					
April	2,234	NaN	282	-	1,262.31
May	2,778	NaN	192	-	691.14
June	4,060	NaN	312	-	768.47
July	6,432	NaN	659	-	1,024.56
August	4,630	NaN	385	-	831.53
September	3,663	NaN	330	-	900.9
October	5,092	NaN	373	-	732.52
November	6,399	NaN	823	-	1,286.14
December	4,920	NaN	625	-	1,270.33
<i>CB Region (Missing), Not Hispanic, 2021</i>					
January	3,394	NaN	374	-	1,101.94
February	2,212	NaN	129	-	583.18
March	2,322	NaN	132	-	568.48
<i>CB Region (Missing), Unknown, 2020</i>					
April	260	NaN	37	-	1,423.08
May	346	NaN	23	-	664.74
June	523	NaN	52	-	994.26
July	936	NaN	132	-	1,410.26
August	696	NaN	68	-	977.01
September	601	NaN	73	-	1,214.64
October	825	NaN	92	-	1,115.15

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
November	1,218	NaN	176	-	1,444.99
December	914	NaN	128	-	1,400.44
<i>CB Region (Missing), Unknown, 2021</i>					
January	695	NaN	74	-	1,064.75
February	444	NaN	25	-	563.06
March	528	NaN	29	-	549.24
<i>CB Region (Other), Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	1	NaN	0	-	0
June	0	NaN	0	-	NaN
July	4	NaN	0	-	0
August	1	NaN	0	-	0
September	1	NaN	0	-	0
October	1	NaN	0	-	0
November	1	NaN	0	-	0
December	4	NaN	0	-	0
<i>CB Region (Other), Hispanic, 2021</i>					
January	1	NaN	0	-	0
February	1	NaN	0	-	0
March	0	NaN	0	-	NaN
<i>CB Region (Other), Not Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	1	NaN	0	-	0
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	1	NaN	0	-	0
December	0	NaN	0	-	NaN
<i>CB Region (Other), Not Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Other), Unknown, 2020</i>					
April	2	NaN	0	-	0
May	6	NaN	0	-	0
June	7	NaN	0	-	0
July	22	NaN	5	-	2,272.73
August	17	NaN	1	-	588.24
September	2	NaN	1	-	5,000.00
October	14	NaN	0	-	0
November	22	NaN	0	-	0
December	22	NaN	1	-	454.55
<i>CB Region (Other), Unknown, 2021</i>					
January	16	NaN	1	-	625
February	14	NaN	0	-	0
March	14	NaN	0	-	0
Index = COVID+; Outcome = Hospitalized with COVID, Overall Race					
<i>Midwest, Hispanic, 2020</i>					
April	162	NaN	56	-	3,456.79
May	353	NaN	40	-	1,133.14
June	205	NaN	28	-	1,365.85
July	282	NaN	20	-	709.22
August	235	NaN	33	-	1,404.26
September	264	NaN	28	-	1,060.61
October	584	NaN	56	-	958.9
November	1,266	NaN	113	-	892.58
December	828	NaN	72	-	869.57
<i>Midwest, Hispanic, 2021</i>					
January	460	NaN	51	-	1,108.70
February	210	NaN	20	-	952.38
March	203	NaN	12	-	591.13
<i>Midwest, Not Hispanic, 2020</i>					
April	2,426	NaN	987	-	4,068.43
May	2,872	NaN	629	-	2,190.11
June	2,190	NaN	352	-	1,607.31

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
July	3,023	NaN	577	-	1,908.70
August	3,033	NaN	606	-	1,998.02
September	3,396	NaN	742	-	2,184.92
October	7,902	NaN	1,748	-	2,212.10
November	18,620	NaN	3,695	-	1,984.43
December	13,027	NaN	2,935	-	2,253.01
<i>Midwest, Not Hispanic, 2021</i>					
January	7,636	NaN	1,755	-	2,298.32
February	3,076	NaN	618	-	2,009.10
March	3,295	NaN	505	-	1,532.63
<i>Midwest, Unknown, 2020</i>					
April	1,727	NaN	479	-	2,773.60
May	2,279	NaN	366	-	1,605.97
June	1,808	NaN	167	-	923.67
July	4,988	NaN	579	-	1,160.79
August	4,871	NaN	631	-	1,295.42
September	6,822	NaN	711	-	1,042.22
October	13,507	NaN	1,533	-	1,134.97
November	30,008	NaN	3,549	-	1,182.68
December	22,400	NaN	2,761	-	1,232.59
<i>Midwest, Unknown, 2021</i>					
January	13,686	NaN	1,665	-	1,216.57
February	5,967	NaN	674	-	1,129.55
March	6,361	NaN	563	-	885.08
<i>Northeast, Hispanic, 2020</i>					
April	995	NaN	158	-	1,587.94
May	455	NaN	27	-	593.41
June	274	NaN	7	-	255.47
July	348	NaN	16	-	459.77
August	374	NaN	13	-	347.59
September	297	NaN	9	-	303.03
October	463	NaN	19	-	410.37
November	1,152	NaN	61	-	529.51
December	1,335	NaN	86	-	644.19

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>Northeast, Hispanic, 2021</i>					
January	1,224	NaN	70	-	571.9
February	703	NaN	37	-	526.32
March	717	NaN	39	-	543.93
<i>Northeast, Not Hispanic, 2020</i>					
April	816	NaN	301	-	3,688.73
May	561	NaN	105	-	1,871.66
June	385	NaN	48	-	1,246.75
July	370	NaN	49	-	1,324.32
August	303	NaN	44	-	1,452.15
September	277	NaN	34	-	1,227.44
October	444	NaN	97	-	2,184.68
November	1,014	NaN	299	-	2,948.72
December	1,816	NaN	538	-	2,962.56
<i>Northeast, Not Hispanic, 2021</i>					
January	1,450	NaN	438	-	3,020.69
February	713	NaN	190	-	2,664.80
March	613	NaN	155	-	2,528.55
<i>Northeast, Unknown, 2020</i>					
April	9,973	NaN	2,237	-	2,243.06
May	6,983	NaN	581	-	832.02
June	4,908	NaN	203	-	413.61
July	6,859	NaN	345	-	502.99
August	5,862	NaN	278	-	474.24
September	5,783	NaN	277	-	478.99
October	8,133	NaN	608	-	747.57
November	18,993	NaN	1,956	-	1,029.85
December	26,726	NaN	3,092	-	1,156.93
<i>Northeast, Unknown, 2021</i>					
January	21,771	NaN	2,228	-	1,023.38
February	11,279	NaN	1,059	-	938.91
March	13,442	NaN	1,071	-	796.76
<i>South, Hispanic, 2020</i>					
April	394	NaN	80	-	2,030.46

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
May	427	NaN	66	-	1,545.67
June	1,826	NaN	227	-	1,243.15
July	3,129	NaN	427	-	1,364.65
August	1,204	NaN	153	-	1,270.76
September	767	NaN	99	-	1,290.74
October	1,471	NaN	189	-	1,284.84
November	2,446	NaN	272	-	1,112.02
December	3,523	NaN	385	-	1,092.82
<i>South, Hispanic, 2021</i>					
January	3,452	NaN	340	-	984.94
February	1,301	NaN	145	-	1,114.53
March	956	NaN	75	-	784.52
<i>South, Not Hispanic, 2020</i>					
April	4,581	NaN	1,557	-	3,398.82
May	3,449	NaN	822	-	2,383.30
June	6,136	NaN	1,802	-	2,936.77
July	14,504	NaN	4,664	-	3,215.66
August	9,050	NaN	2,758	-	3,047.51
September	6,749	NaN	1,913	-	2,834.49
October	10,544	NaN	2,908	-	2,757.97
November	17,857	NaN	5,025	-	2,814.02
December	29,705	NaN	7,817	-	2,631.54
<i>South, Not Hispanic, 2021</i>					
January	25,676	NaN	6,934	-	2,700.58
February	9,747	NaN	2,723	-	2,793.68
March	5,272	NaN	1,491	-	2,828.15
<i>South, Unknown, 2020</i>					
April	3,835	NaN	759	-	1,979.14
May	3,782	NaN	502	-	1,327.34
June	11,210	NaN	1,007	-	898.31
July	23,941	NaN	3,077	-	1,285.24
August	13,315	NaN	1,761	-	1,322.57
September	10,658	NaN	1,198	-	1,124.04
October	16,273	NaN	1,865	-	1,146.07

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
November	29,737	NaN	3,222	-	1,083.50
December	49,043	NaN	5,357	-	1,092.31
<i>South, Unknown, 2021</i>					
January	45,488	NaN	4,829	-	1,061.60
February	18,318	NaN	1,973	-	1,077.08
March	12,724	NaN	1,284	-	1,009.12
<i>West, Hispanic, 2020</i>					
April	584	NaN	121	-	2,071.92
May	542	NaN	76	-	1,402.21
June	990	NaN	102	-	1,030.30
July	2,104	NaN	180	-	855.51
August	1,164	NaN	101	-	867.7
September	957	NaN	71	-	741.9
October	2,129	NaN	162	-	760.92
November	5,024	NaN	366	-	728.5
December	5,283	NaN	420	-	795
<i>West, Hispanic, 2021</i>					
January	3,484	NaN	249	-	714.7
February	1,097	NaN	94	-	856.88
March	835	NaN	62	-	742.51
<i>West, Not Hispanic, 2020</i>					
April	2,068	NaN	496	-	2,398.45
May	1,169	NaN	209	-	1,787.85
June	1,851	NaN	298	-	1,609.94
July	3,870	NaN	601	-	1,552.97
August	2,688	NaN	346	-	1,287.20
September	2,651	NaN	308	-	1,161.83
October	5,055	NaN	639	-	1,264.09
November	13,973	NaN	1,739	-	1,244.54
December	13,572	NaN	2,079	-	1,531.83
<i>West, Not Hispanic, 2021</i>					
January	9,567	NaN	1,415	-	1,479.04
February	4,019	NaN	556	-	1,383.43
March	3,522	NaN	292	-	829.07

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>West, Unknown, 2020</i>					
April	1,332	NaN	219	-	1,644.14
May	1,510	NaN	121	-	801.32
June	3,679	NaN	262	-	712.15
July	7,567	NaN	532	-	703.05
August	4,602	NaN	261	-	567.14
September	3,888	NaN	202	-	519.55
October	6,291	NaN	352	-	559.53
November	13,604	NaN	929	-	682.89
December	18,118	NaN	1,414	-	780.44
<i>West, Unknown, 2021</i>					
January	13,507	NaN	1,057	-	782.56
February	4,573	NaN	337	-	736.93
March	3,119	NaN	160	-	512.98
<i>CB Region (Invalid), Hispanic, 2020</i>					
April	3	NaN	1	-	3,333.33
May	3	NaN	0	-	0
June	1	NaN	0	-	0
July	4	NaN	0	-	0
August	4	NaN	0	-	0
September	3	NaN	0	-	0
October	9	NaN	1	-	1,111.11
November	17	NaN	0	-	0
December	12	NaN	2	-	1,666.67
<i>CB Region (Invalid), Hispanic, 2021</i>					
January	9	NaN	0	-	0
February	7	NaN	1	-	1,428.57
March	3	NaN	1	-	3,333.33
<i>CB Region (Invalid), Not Hispanic, 2020</i>					
April	3	NaN	0	-	0
May	3	NaN	1	-	3,333.33
June	6	NaN	1	-	1,666.67
July	18	NaN	5	-	2,777.78
August	8	NaN	1	-	1,250.00

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
September	11	NaN	6	-	5,454.55
October	16	NaN	4	-	2,500.00
November	55	NaN	5	-	909.09
December	56	NaN	10	-	1,785.71
<i>CB Region (Invalid), Not Hispanic, 2021</i>					
January	26	NaN	4	-	1,538.46
February	15	NaN	1	-	666.67
March	8	NaN	3	-	3,750.00
<i>CB Region (Invalid), Unknown, 2020</i>					
April	27	NaN	5	-	1,851.85
May	24	NaN	2	-	833.33
June	43	NaN	3	-	697.67
July	68	NaN	7	-	1,029.41
August	57	NaN	7	-	1,228.07
September	60	NaN	0	-	0
October	87	NaN	7	-	804.6
November	110	NaN	9	-	818.18
December	167	NaN	3	-	179.64
<i>CB Region (Invalid), Unknown, 2021</i>					
January	140	NaN	6	-	428.57
February	81	NaN	7	-	864.2
March	83	NaN	1	-	120.48
<i>CB Region (Missing), Hispanic, 2020</i>					
April	25	NaN	3	-	1,200.00
May	8	NaN	0	-	0
June	20	NaN	0	-	0
July	68	NaN	3	-	441.18
August	45	NaN	3	-	666.67
September	32	NaN	1	-	312.5
October	58	NaN	3	-	517.24
November	147	NaN	9	-	612.24
December	124	NaN	8	-	645.16
<i>CB Region (Missing), Hispanic, 2021</i>					
January	89	NaN	5	-	561.8

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
February	31	NaN	1	-	322.58
March	39	NaN	1	-	256.41
<i>CB Region (Missing), Not Hispanic, 2020</i>					
April	270	NaN	41	-	1,518.52
May	107	NaN	23	-	2,149.53
June	173	NaN	15	-	867.05
July	562	NaN	14	-	249.11
August	380	NaN	10	-	263.16
September	331	NaN	15	-	453.17
October	403	NaN	23	-	570.72
November	1,156	NaN	49	-	423.88
December	1,118	NaN	60	-	536.67
<i>CB Region (Missing), Not Hispanic, 2021</i>					
January	746	NaN	45	-	603.22
February	327	NaN	20	-	611.62
March	313	NaN	15	-	479.23
<i>CB Region (Missing), Unknown, 2020</i>					
April	45	NaN	8	-	1,777.78
May	58	NaN	2	-	344.83
June	81	NaN	7	-	864.2
July	166	NaN	8	-	481.93
August	110	NaN	4	-	363.64
September	91	NaN	1	-	109.89
October	138	NaN	4	-	289.86
November	385	NaN	12	-	311.69
December	376	NaN	26	-	691.49
<i>CB Region (Missing), Unknown, 2021</i>					
January	288	NaN	15	-	520.83
February	114	NaN	7	-	614.04
March	128	NaN	7	-	546.88
<i>CB Region (Other), Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	1	NaN	0	-	0
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	1	NaN	0	-	0
<i>CB Region (Other), Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	1	NaN	0	-	0
March	0	NaN	0	-	NaN
<i>CB Region (Other), Not Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), Not Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Unknown, 2020</i>					
April	19	NaN	3	-	1,578.95
May	44	NaN	3	-	681.82
June	37	NaN	0	-	0
July	59	NaN	4	-	677.97
August	89	NaN	16	-	1,797.75
September	39	NaN	9	-	2,307.69
October	115	NaN	33	-	2,869.57
November	76	NaN	21	-	2,763.16
December	35	NaN	9	-	2,571.43

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Other), Unknown, 2021</i>					
January	22	NaN	3	-	1,363.64
February	5	NaN	1	-	2,000.00
March	3	NaN	2	-	6,666.67
Index = COVID+; Outcome = Hospitalized with COVID, Unknown Race					
<i>Midwest, Hispanic, 2020</i>					
April	131	NaN	49	-	3,740.46
May	254	NaN	37	-	1,456.69
June	145	NaN	20	-	1,379.31
July	174	NaN	13	-	747.13
August	161	NaN	29	-	1,801.24
September	181	NaN	24	-	1,325.97
October	419	NaN	45	-	1,073.99
November	875	NaN	91	-	1,040.00
December	602	NaN	66	-	1,096.35
<i>Midwest, Hispanic, 2021</i>					
January	344	NaN	40	-	1,162.79
February	149	NaN	17	-	1,140.94
March	140	NaN	9	-	642.86
<i>Midwest, Not Hispanic, 2020</i>					
April	5	NaN	0	-	0
May	28	NaN	2	-	714.29
June	16	NaN	0	-	0
July	26	NaN	0	-	0
August	22	NaN	1	-	454.55
September	16	NaN	0	-	0
October	36	NaN	1	-	277.78
November	109	NaN	3	-	275.23
December	40	NaN	1	-	250
<i>Midwest, Not Hispanic, 2021</i>					
January	24	NaN	0	-	0
February	16	NaN	0	-	0
March	25	NaN	2	-	800
<i>Midwest, Unknown, 2020</i>					

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
April	911	NaN	191	-	2,096.60
May	1,312	NaN	171	-	1,303.35
June	1,025	NaN	75	-	731.71
July	3,407	NaN	403	-	1,182.86
August	3,352	NaN	445	-	1,327.57
September	4,639	NaN	531	-	1,144.64
October	8,977	NaN	1,085	-	1,208.64
November	19,955	NaN	2,473	-	1,239.29
December	14,996	NaN	1,929	-	1,286.34
<i>Midwest, Unknown, 2021</i>					
January	9,108	NaN	1,180	-	1,295.56
February	4,010	NaN	459	-	1,144.64
March	4,059	NaN	383	-	943.58
<i>Northeast, Hispanic, 2020</i>					
April	845	NaN	141	-	1,668.64
May	361	NaN	26	-	720.22
June	223	NaN	3	-	134.53
July	286	NaN	15	-	524.48
August	295	NaN	10	-	338.98
September	223	NaN	8	-	358.74
October	355	NaN	17	-	478.87
November	918	NaN	53	-	577.34
December	1,044	NaN	77	-	737.55
<i>Northeast, Hispanic, 2021</i>					
January	930	NaN	58	-	623.66
February	563	NaN	32	-	568.38
March	555	NaN	34	-	612.61
<i>Northeast, Not Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>Northeast, Not Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>Northeast, Unknown, 2020</i>					
April	4,730	NaN	696	-	1,471.46
May	3,275	NaN	163	-	497.71
June	2,204	NaN	64	-	290.38
July	3,843	NaN	216	-	562.06
August	3,331	NaN	171	-	513.36
September	3,331	NaN	155	-	465.33
October	4,764	NaN	328	-	688.5
November	11,034	NaN	1,051	-	952.51
December	15,514	NaN	1,702	-	1,097.07
<i>Northeast, Unknown, 2021</i>					
January	12,304	NaN	1,123	-	912.71
February	6,434	NaN	493	-	766.24
March	7,735	NaN	550	-	711.05
<i>South, Hispanic, 2020</i>					
April	341	NaN	71	-	2,082.11
May	380	NaN	63	-	1,657.89
June	1,539	NaN	213	-	1,384.02
July	2,666	NaN	399	-	1,496.62
August	1,006	NaN	138	-	1,371.77
September	626	NaN	92	-	1,469.65
October	1,276	NaN	174	-	1,363.64
November	2,044	NaN	245	-	1,198.63
December	2,930	NaN	348	-	1,187.71
<i>South, Hispanic, 2021</i>					
January	2,861	NaN	302	-	1,055.57
February	1,055	NaN	135	-	1,279.62

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
March	775	NaN	69	-	890.32
<i>South, Not Hispanic, 2020</i>					
April	1	NaN	0	-	0
May	1	NaN	0	-	0
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	1	NaN	0	-	0
November	2	NaN	0	-	0
December	0	NaN	0	-	NaN
<i>South, Not Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>South, Unknown, 2020</i>					
April	2,268	NaN	392	-	1,728.40
May	2,214	NaN	231	-	1,043.36
June	7,622	NaN	520	-	682.24
July	17,100	NaN	2,009	-	1,174.85
August	9,201	NaN	1,126	-	1,223.78
September	7,236	NaN	798	-	1,102.82
October	10,869	NaN	1,141	-	1,049.77
November	20,141	NaN	2,027	-	1,006.40
December	32,853	NaN	3,289	-	1,001.13
<i>South, Unknown, 2021</i>					
January	30,593	NaN	2,979	-	973.75
February	12,335	NaN	1,262	-	1,023.10
March	8,507	NaN	831	-	976.84
<i>West, Hispanic, 2020</i>					
April	503	NaN	106	-	2,107.36
May	466	NaN	68	-	1,459.23
June	837	NaN	93	-	1,111.11
July	1,760	NaN	162	-	920.45

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
August	950	NaN	91	-	957.89
September	804	NaN	62	-	771.14
October	1,818	NaN	139	-	764.58
November	4,277	NaN	327	-	764.55
December	4,443	NaN	371	-	835.02
<i>West, Hispanic, 2021</i>					
January	2,873	NaN	228	-	793.6
February	908	NaN	83	-	914.1
March	667	NaN	52	-	779.61
<i>West, Not Hispanic, 2020</i>					
April	46	NaN	13	-	2,826.09
May	26	NaN	3	-	1,153.85
June	15	NaN	0	-	0
July	60	NaN	2	-	333.33
August	43	NaN	4	-	930.23
September	45	NaN	3	-	666.67
October	129	NaN	8	-	620.16
November	326	NaN	22	-	674.85
December	242	NaN	11	-	454.55
<i>West, Not Hispanic, 2021</i>					
January	125	NaN	8	-	640
February	80	NaN	4	-	500
March	83	NaN	5	-	602.41
<i>West, Unknown, 2020</i>					
April	829	NaN	138	-	1,664.66
May	941	NaN	72	-	765.14
June	2,483	NaN	171	-	688.68
July	4,930	NaN	347	-	703.85
August	3,032	NaN	183	-	603.56
September	2,509	NaN	147	-	585.89
October	4,147	NaN	247	-	595.61
November	9,219	NaN	633	-	686.63
December	12,293	NaN	942	-	766.29
<i>West, Unknown, 2021</i>					

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
January	9,134	NaN	688	-	753.23
February	3,101	NaN	236	-	761.04
March	2,052	NaN	110	-	536.06
<i>CB Region (Invalid), Hispanic, 2020</i>					
April	1	NaN	1	-	10,000.00
May	3	NaN	0	-	0
June	0	NaN	0	-	NaN
July	4	NaN	0	-	0
August	4	NaN	0	-	0
September	2	NaN	0	-	0
October	9	NaN	1	-	1,111.11
November	12	NaN	0	-	0
December	7	NaN	2	-	2,857.14
<i>CB Region (Invalid), Hispanic, 2021</i>					
January	7	NaN	0	-	0
February	6	NaN	1	-	1,666.67
March	1	NaN	0	-	0
<i>CB Region (Invalid), Not Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	1	NaN	0	-	0
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Invalid), Not Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Invalid), Unknown, 2020</i>					
April	14	NaN	1	-	714.29
May	18	NaN	2	-	1,111.11

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
June	30	NaN	1	-	333.33
July	48	NaN	4	-	833.33
August	39	NaN	4	-	1,025.64
September	42	NaN	0	-	0
October	57	NaN	3	-	526.32
November	69	NaN	6	-	869.57
December	100	NaN	3	-	300
<i>CB Region (Invalid), Unknown, 2021</i>					
January	85	NaN	4	-	470.59
February	57	NaN	4	-	701.75
March	61	NaN	1	-	163.93
<i>CB Region (Missing), Hispanic, 2020</i>					
April	13	NaN	1	-	769.23
May	3	NaN	0	-	0
June	11	NaN	0	-	0
July	35	NaN	2	-	571.43
August	24	NaN	1	-	416.67
September	15	NaN	0	-	0
October	31	NaN	1	-	322.58
November	76	NaN	7	-	921.05
December	66	NaN	3	-	454.55
<i>CB Region (Missing), Hispanic, 2021</i>					
January	47	NaN	2	-	425.53
February	17	NaN	0	-	0
March	19	NaN	1	-	526.32
<i>CB Region (Missing), Not Hispanic, 2020</i>					
April	10	NaN	0	-	0
May	3	NaN	0	-	0
June	5	NaN	1	-	2,000.00
July	12	NaN	0	-	0
August	15	NaN	0	-	0
September	8	NaN	0	-	0
October	11	NaN	2	-	1,818.18
November	31	NaN	3	-	967.74

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
December	23	NaN	1	-	434.78
<i>CB Region (Missing), Not Hispanic, 2021</i>					
January	17	NaN	2	-	1,176.47
February	9	NaN	0	-	0
March	4	NaN	0	-	0
<i>CB Region (Missing), Unknown, 2020</i>					
April	42	NaN	8	-	1,904.76
May	53	NaN	1	-	188.68
June	75	NaN	7	-	933.33
July	144	NaN	7	-	486.11
August	92	NaN	4	-	434.78
September	85	NaN	1	-	117.65
October	121	NaN	4	-	330.58
November	336	NaN	10	-	297.62
December	335	NaN	26	-	776.12
<i>CB Region (Missing), Unknown, 2021</i>					
January	258	NaN	15	-	581.4
February	102	NaN	5	-	490.2
March	111	NaN	7	-	630.63
<i>CB Region (Other), Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	1	NaN	0	-	0
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Other), Not Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), Not Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Unknown, 2020</i>					
April	12	NaN	2	-	1,666.67
May	36	NaN	2	-	555.56
June	30	NaN	0	-	0
July	45	NaN	4	-	888.89
August	74	NaN	16	-	2,162.16
September	30	NaN	7	-	2,333.33
October	92	NaN	23	-	2,500.00
November	63	NaN	16	-	2,539.68
December	25	NaN	6	-	2,400.00
<i>CB Region (Other), Unknown, 2021</i>					
January	16	NaN	2	-	1,250.00
February	3	NaN	0	-	0
March	1	NaN	1	-	10,000.00
Index = COVID+: Outcome = Hospitalized with COVID, Known Race					
<i>Midwest, Hispanic, 2020</i>					
April	31	NaN	7	-	2,258.06
May	99	NaN	3	-	303.03
June	60	NaN	8	-	1,333.33
July	108	NaN	7	-	648.15

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
August	74	NaN	4	-	540.54
September	83	NaN	4	-	481.93
October	165	NaN	11	-	666.67
November	391	NaN	22	-	562.66
December	226	NaN	6	-	265.49
<i>Midwest, Hispanic, 2021</i>					
January	116	NaN	11	-	948.28
February	61	NaN	3	-	491.8
March	63	NaN	3	-	476.19
<i>Midwest, Not Hispanic, 2020</i>					
April	2,421	NaN	987	-	4,076.83
May	2,844	NaN	627	-	2,204.64
June	2,174	NaN	352	-	1,619.14
July	2,997	NaN	577	-	1,925.26
August	3,011	NaN	605	-	2,009.30
September	3,380	NaN	742	-	2,195.27
October	7,866	NaN	1,747	-	2,220.95
November	18,511	NaN	3,692	-	1,994.49
December	12,987	NaN	2,934	-	2,259.18
<i>Midwest, Not Hispanic, 2021</i>					
January	7,612	NaN	1,755	-	2,305.57
February	3,060	NaN	618	-	2,019.61
March	3,270	NaN	503	-	1,538.23
<i>Midwest, Unknown, 2020</i>					
April	816	NaN	288	-	3,529.41
May	967	NaN	195	-	2,016.55
June	783	NaN	92	-	1,174.97
July	1,581	NaN	176	-	1,113.22
August	1,519	NaN	186	-	1,224.49
September	2,183	NaN	180	-	824.55
October	4,530	NaN	448	-	988.96
November	10,053	NaN	1,076	-	1,070.33
December	7,404	NaN	832	-	1,123.72
<i>Midwest, Unknown, 2021</i>					

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
January	4,578	NaN	485	-	1,059.41
February	1,957	NaN	215	-	1,098.62
March	2,302	NaN	180	-	781.93
<i>Northeast, Hispanic, 2020</i>					
April	150	NaN	17	-	1,133.33
May	94	NaN	1	-	106.38
June	51	NaN	4	-	784.31
July	62	NaN	1	-	161.29
August	79	NaN	3	-	379.75
September	74	NaN	1	-	135.14
October	108	NaN	2	-	185.19
November	234	NaN	8	-	341.88
December	291	NaN	9	-	309.28
<i>Northeast, Hispanic, 2021</i>					
January	294	NaN	12	-	408.16
February	140	NaN	5	-	357.14
March	162	NaN	5	-	308.64
<i>Northeast, Not Hispanic, 2020</i>					
April	816	NaN	301	-	3,688.73
May	561	NaN	105	-	1,871.66
June	385	NaN	48	-	1,246.75
July	370	NaN	49	-	1,324.32
August	303	NaN	44	-	1,452.15
September	277	NaN	34	-	1,227.44
October	444	NaN	97	-	2,184.68
November	1,014	NaN	299	-	2,948.72
December	1,816	NaN	538	-	2,962.56
<i>Northeast, Not Hispanic, 2021</i>					
January	1,450	NaN	438	-	3,020.69
February	713	NaN	190	-	2,664.80
March	613	NaN	155	-	2,528.55
<i>Northeast, Unknown, 2020</i>					
April	5,243	NaN	1,541	-	2,939.16
May	3,708	NaN	418	-	1,127.29

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
June	2,704	NaN	139	-	514.05
July	3,016	NaN	129	-	427.72
August	2,531	NaN	107	-	422.76
September	2,452	NaN	122	-	497.55
October	3,369	NaN	280	-	831.11
November	7,959	NaN	905	-	1,137.08
December	11,212	NaN	1,390	-	1,239.74
<i>Northeast, Unknown, 2021</i>					
January	9,467	NaN	1,105	-	1,167.21
February	4,845	NaN	566	-	1,168.21
March	5,707	NaN	521	-	912.91
<i>South, Hispanic, 2020</i>					
April	53	NaN	9	-	1,698.11
May	47	NaN	3	-	638.3
June	287	NaN	14	-	487.8
July	463	NaN	28	-	604.75
August	198	NaN	15	-	757.58
September	141	NaN	7	-	496.45
October	195	NaN	15	-	769.23
November	402	NaN	27	-	671.64
December	593	NaN	37	-	623.95
<i>South, Hispanic, 2021</i>					
January	591	NaN	38	-	642.98
February	246	NaN	10	-	406.5
March	181	NaN	6	-	331.49
<i>South, Not Hispanic, 2020</i>					
April	4,580	NaN	1,557	-	3,399.56
May	3,448	NaN	822	-	2,383.99
June	6,136	NaN	1,802	-	2,936.77
July	14,504	NaN	4,664	-	3,215.66
August	9,050	NaN	2,758	-	3,047.51
September	6,749	NaN	1,913	-	2,834.49
October	10,543	NaN	2,908	-	2,758.23
November	17,855	NaN	5,025	-	2,814.34

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
December	29,705	NaN	7,817	-	2,631.54
<i>South, Not Hispanic, 2021</i>					
January	25,676	NaN	6,934	-	2,700.58
February	9,747	NaN	2,723	-	2,793.68
March	5,272	NaN	1,491	-	2,828.15
<i>South, Unknown, 2020</i>					
April	1,567	NaN	367	-	2,342.05
May	1,568	NaN	271	-	1,728.32
June	3,588	NaN	487	-	1,357.30
July	6,841	NaN	1,068	-	1,561.18
August	4,114	NaN	635	-	1,543.51
September	3,422	NaN	400	-	1,168.91
October	5,404	NaN	724	-	1,339.75
November	9,596	NaN	1,195	-	1,245.31
December	16,190	NaN	2,068	-	1,277.33
<i>South, Unknown, 2021</i>					
January	14,895	NaN	1,850	-	1,242.03
February	5,983	NaN	711	-	1,188.37
March	4,217	NaN	453	-	1,074.22
<i>West, Hispanic, 2020</i>					
April	81	NaN	15	-	1,851.85
May	76	NaN	8	-	1,052.63
June	153	NaN	9	-	588.24
July	344	NaN	18	-	523.26
August	214	NaN	10	-	467.29
September	153	NaN	9	-	588.24
October	311	NaN	23	-	739.55
November	747	NaN	39	-	522.09
December	840	NaN	49	-	583.33
<i>West, Hispanic, 2021</i>					
January	611	NaN	21	-	343.7
February	189	NaN	11	-	582.01
March	168	NaN	10	-	595.24
<i>West, Not Hispanic, 2020</i>					

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
April	2,022	NaN	483	-	2,388.72
May	1,143	NaN	206	-	1,802.27
June	1,836	NaN	298	-	1,623.09
July	3,810	NaN	599	-	1,572.18
August	2,645	NaN	342	-	1,293.01
September	2,606	NaN	305	-	1,170.38
October	4,926	NaN	631	-	1,280.96
November	13,647	NaN	1,717	-	1,258.15
December	13,330	NaN	2,068	-	1,551.39
<i>West, Not Hispanic, 2021</i>					
January	9,442	NaN	1,407	-	1,490.15
February	3,939	NaN	552	-	1,401.37
March	3,439	NaN	287	-	834.54
<i>West, Unknown, 2020</i>					
April	503	NaN	81	-	1,610.34
May	569	NaN	49	-	861.16
June	1,196	NaN	91	-	760.87
July	2,637	NaN	185	-	701.55
August	1,570	NaN	78	-	496.82
September	1,379	NaN	55	-	398.84
October	2,144	NaN	105	-	489.74
November	4,385	NaN	296	-	675.03
December	5,825	NaN	472	-	810.3
<i>West, Unknown, 2021</i>					
January	4,373	NaN	369	-	843.81
February	1,472	NaN	101	-	686.14
March	1,067	NaN	50	-	468.6
<i>CB Region (Invalid), Hispanic, 2020</i>					
April	2	NaN	0	-	0
May	0	NaN	0	-	NaN
June	1	NaN	0	-	0
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	1	NaN	0	-	0

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
October	0	NaN	0	-	NaN
November	5	NaN	0	-	0
December	5	NaN	0	-	0
<i>CB Region (Invalid), Hispanic, 2021</i>					
January	2	NaN	0	-	0
February	1	NaN	0	-	0
March	2	NaN	1	-	5,000.00
<i>CB Region (Invalid), Not Hispanic, 2020</i>					
April	3	NaN	0	-	0
May	3	NaN	1	-	3,333.33
June	6	NaN	1	-	1,666.67
July	18	NaN	5	-	2,777.78
August	8	NaN	1	-	1,250.00
September	11	NaN	6	-	5,454.55
October	15	NaN	4	-	2,666.67
November	55	NaN	5	-	909.09
December	56	NaN	10	-	1,785.71
<i>CB Region (Invalid), Not Hispanic, 2021</i>					
January	26	NaN	4	-	1,538.46
February	15	NaN	1	-	666.67
March	8	NaN	3	-	3,750.00
<i>CB Region (Invalid), Unknown, 2020</i>					
April	13	NaN	4	-	3,076.92
May	6	NaN	0	-	0
June	13	NaN	2	-	1,538.46
July	20	NaN	3	-	1,500.00
August	18	NaN	3	-	1,666.67
September	18	NaN	0	-	0
October	30	NaN	4	-	1,333.33
November	41	NaN	3	-	731.71
December	67	NaN	0	-	0
<i>CB Region (Invalid), Unknown, 2021</i>					
January	55	NaN	2	-	363.64

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
February	24	NaN	3	-	1,250.00
March	22	NaN	0	-	0
<i>CB Region (Missing), Hispanic, 2020</i>					
April	12	NaN	2	-	1,666.67
May	5	NaN	0	-	0
June	9	NaN	0	-	0
July	33	NaN	1	-	303.03
August	21	NaN	2	-	952.38
September	17	NaN	1	-	588.24
October	27	NaN	2	-	740.74
November	71	NaN	2	-	281.69
December	58	NaN	5	-	862.07
<i>CB Region (Missing), Hispanic, 2021</i>					
January	42	NaN	3	-	714.29
February	14	NaN	1	-	714.29
March	20	NaN	0	-	0
<i>CB Region (Missing), Not Hispanic, 2020</i>					
April	260	NaN	41	-	1,576.92
May	104	NaN	23	-	2,211.54
June	168	NaN	14	-	833.33
July	550	NaN	14	-	254.55
August	365	NaN	10	-	273.97
September	323	NaN	15	-	464.4
October	392	NaN	21	-	535.71
November	1,125	NaN	46	-	408.89
December	1,095	NaN	59	-	538.81
<i>CB Region (Missing), Not Hispanic, 2021</i>					
January	729	NaN	43	-	589.85
February	318	NaN	20	-	628.93
March	309	NaN	15	-	485.44
<i>CB Region (Missing), Unknown, 2020</i>					
April	3	NaN	0	-	0
May	5	NaN	1	-	2,000.00
June	6	NaN	0	-	0

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
July	22	NaN	1	-	454.55
August	18	NaN	0	-	0
September	6	NaN	0	-	0
October	17	NaN	0	-	0
November	49	NaN	2	-	408.16
December	41	NaN	0	-	0
<i>CB Region (Missing), Unknown, 2021</i>					
January	30	NaN	0	-	0
February	12	NaN	2	-	1,666.67
March	17	NaN	0	-	0
<i>CB Region (Other), Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	1	NaN	0	-	0
<i>CB Region (Other), Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	1	NaN	0	-	0
March	0	NaN	0	-	NaN
<i>CB Region (Other), Not Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Other), Not Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Unknown, 2020</i>					
April	7	NaN	1	-	1,428.57
May	8	NaN	1	-	1,250.00
June	7	NaN	0	-	0
July	14	NaN	0	-	0
August	15	NaN	0	-	0
September	9	NaN	2	-	2,222.22
October	23	NaN	10	-	4,347.83
November	13	NaN	5	-	3,846.15
December	10	NaN	3	-	3,000.00
<i>CB Region (Other), Unknown, 2021</i>					
January	6	NaN	1	-	1,666.67
February	2	NaN	1	-	5,000.00
March	2	NaN	1	-	5,000.00

Index = COVID+; Outcome = Hospitalized with COVID, American Indian or Alaska Native

Midwest, Hispanic, 2020

April	1	NaN	0	-	0
May	10	NaN	1	-	1,000.00
June	5	NaN	1	-	2,000.00
July	6	NaN	0	-	0
August	5	NaN	1	-	2,000.00
September	7	NaN	0	-	0
October	20	NaN	2	-	1,000.00
November	27	NaN	4	-	1,481.48
December	18	NaN	1	-	555.56

Midwest, Hispanic, 2021

January	4	NaN	1	-	2,500.00
February	0	NaN	0	-	NaN
March	7	NaN	0	-	0

Midwest, Not Hispanic, 2020

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
April	7	NaN	4	-	5,714.29
May	25	NaN	7	-	2,800.00
June	14	NaN	3	-	2,142.86
July	19	NaN	1	-	526.32
August	15	NaN	4	-	2,666.67
September	17	NaN	5	-	2,941.18
October	53	NaN	11	-	2,075.47
November	109	NaN	14	-	1,284.40
December	74	NaN	12	-	1,621.62
<i>Midwest, Not Hispanic, 2021</i>					
January	35	NaN	8	-	2,285.71
February	14	NaN	2	-	1,428.57
March	13	NaN	0	-	0
<i>Midwest, Unknown, 2020</i>					
April	3	NaN	2	-	6,666.67
May	6	NaN	1	-	1,666.67
June	1	NaN	0	-	0
July	11	NaN	1	-	909.09
August	3	NaN	1	-	3,333.33
September	9	NaN	1	-	1,111.11
October	19	NaN	2	-	1,052.63
November	51	NaN	6	-	1,176.47
December	45	NaN	7	-	1,555.56
<i>Midwest, Unknown, 2021</i>					
January	24	NaN	1	-	416.67
February	8	NaN	0	-	0
March	10	NaN	5	-	5,000.00
<i>Northeast, Hispanic, 2020</i>					
April	15	NaN	1	-	666.67
May	3	NaN	0	-	0
June	3	NaN	0	-	0
July	2	NaN	0	-	0
August	1	NaN	0	-	0

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
September	4	NaN	0	-	0
October	7	NaN	0	-	0
November	13	NaN	0	-	0
December	21	NaN	0	-	0
<i>Northeast, Hispanic, 2021</i>					
January	17	NaN	1	-	588.24
February	8	NaN	0	-	0
March	10	NaN	0	-	0
<i>Northeast, Not Hispanic, 2020</i>					
April	3	NaN	1	-	3,333.33
May	1	NaN	0	-	0
June	0	NaN	0	-	NaN
July	1	NaN	0	-	0
August	2	NaN	0	-	0
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	1	NaN	1	-	10,000.00
December	1	NaN	0	-	0
<i>Northeast, Not Hispanic, 2021</i>					
January	2	NaN	1	-	5,000.00
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>Northeast, Unknown, 2020</i>					
April	7	NaN	1	-	1,428.57
May	2	NaN	0	-	0
June	3	NaN	0	-	0
July	3	NaN	0	-	0
August	5	NaN	1	-	2,000.00
September	3	NaN	0	-	0
October	5	NaN	1	-	2,000.00
November	11	NaN	1	-	909.09
December	15	NaN	0	-	0
<i>Northeast, Unknown, 2021</i>					
January	20	NaN	1	-	500

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
February	3	NaN	1	-	3,333.33
March	11	NaN	3	-	2,727.27
<i>South, Hispanic, 2020</i>					
April	6	NaN	2	-	3,333.33
May	3	NaN	0	-	0
June	33	NaN	2	-	606.06
July	53	NaN	6	-	1,132.08
August	16	NaN	1	-	625
September	12	NaN	1	-	833.33
October	17	NaN	1	-	588.24
November	47	NaN	0	-	0
December	56	NaN	7	-	1,250.00
<i>South, Hispanic, 2021</i>					
January	54	NaN	11	-	2,037.04
February	10	NaN	0	-	0
March	16	NaN	0	-	0
<i>South, Not Hispanic, 2020</i>					
April	11	NaN	5	-	4,545.45
May	8	NaN	0	-	0
June	10	NaN	5	-	5,000.00
July	29	NaN	5	-	1,724.14
August	22	NaN	8	-	3,636.36
September	32	NaN	8	-	2,500.00
October	44	NaN	9	-	2,045.45
November	70	NaN	18	-	2,571.43
December	104	NaN	29	-	2,788.46
<i>South, Not Hispanic, 2021</i>					
January	103	NaN	29	-	2,815.53
February	25	NaN	6	-	2,400.00
March	14	NaN	3	-	2,142.86
<i>South, Unknown, 2020</i>					
April	7	NaN	3	-	4,285.71
May	4	NaN	2	-	5,000.00
June	19	NaN	1	-	526.32

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
July	22	NaN	3	-	1,363.64
August	14	NaN	3	-	2,142.86
September	20	NaN	2	-	1,000.00
October	32	NaN	5	-	1,562.50
November	46	NaN	4	-	869.57
December	68	NaN	9	-	1,323.53
<i>South, Unknown, 2021</i>					
January	54	NaN	5	-	925.93
February	24	NaN	3	-	1,250.00
March	15	NaN	0	-	0
<i>West, Hispanic, 2020</i>					
April	8	NaN	1	-	1,250.00
May	1	NaN	1	-	10,000.00
June	9	NaN	0	-	0
July	31	NaN	1	-	322.58
August	15	NaN	1	-	666.67
September	8	NaN	0	-	0
October	35	NaN	3	-	857.14
November	45	NaN	5	-	1,111.11
December	75	NaN	7	-	933.33
<i>West, Hispanic, 2021</i>					
January	45	NaN	2	-	444.44
February	19	NaN	0	-	0
March	6	NaN	0	-	0
<i>West, Not Hispanic, 2020</i>					
April	36	NaN	9	-	2,500.00
May	20	NaN	10	-	5,000.00
June	25	NaN	7	-	2,800.00
July	40	NaN	10	-	2,500.00
August	36	NaN	5	-	1,388.89
September	40	NaN	8	-	2,000.00
October	52	NaN	13	-	2,500.00
November	178	NaN	37	-	2,078.65
December	176	NaN	37	-	2,102.27

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>West, Not Hispanic, 2021</i>					
January	108	NaN	24	-	2,222.22
February	57	NaN	12	-	2,105.26
March	37	NaN	4	-	1,081.08
<i>West, Unknown, 2020</i>					
April	5	NaN	0	-	0
May	5	NaN	1	-	2,000.00
June	14	NaN	1	-	714.29
July	35	NaN	5	-	1,428.57
August	20	NaN	2	-	1,000.00
September	17	NaN	0	-	0
October	20	NaN	2	-	1,000.00
November	47	NaN	7	-	1,489.36
December	61	NaN	5	-	819.67
<i>West, Unknown, 2021</i>					
January	51	NaN	4	-	784.31
February	12	NaN	0	-	0
March	8	NaN	0	-	0
<i>CB Region (Invalid), Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Invalid), Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Invalid), Not Hispanic, 2020</i>					
April	0	NaN	0	-	NaN

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	1	NaN	0	-	0
December	0	NaN	0	-	NaN
<i>CB Region (Invalid), Not Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	1	NaN	0	-	0
<i>CB Region (Invalid), Unknown, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	1	NaN	0	-	0
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	1	NaN	0	-	0
December	0	NaN	0	-	NaN
<i>CB Region (Invalid), Unknown, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Missing), Hispanic, 2020</i>					
April	1	NaN	1	-	10,000.00
May	0	NaN	0	-	NaN
June	1	NaN	0	-	0
July	1	NaN	0	-	0
August	2	NaN	2	-	10,000.00
September	2	NaN	0	-	0
October	2	NaN	0	-	0

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
November	6	NaN	0	-	0
December	5	NaN	1	-	2,000.00
<i>CB Region (Missing), Hispanic, 2021</i>					
January	2	NaN	0	-	0
February	0	NaN	0	-	NaN
March	1	NaN	0	-	0
<i>CB Region (Missing), Not Hispanic, 2020</i>					
April	2	NaN	0	-	0
May	2	NaN	1	-	5,000.00
June	2	NaN	0	-	0
July	12	NaN	1	-	833.33
August	9	NaN	0	-	0
September	5	NaN	0	-	0
October	2	NaN	0	-	0
November	20	NaN	0	-	0
December	20	NaN	1	-	500
<i>CB Region (Missing), Not Hispanic, 2021</i>					
January	13	NaN	1	-	769.23
February	3	NaN	0	-	0
March	2	NaN	0	-	0
<i>CB Region (Missing), Unknown, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	1	NaN	0	-	0
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	1	NaN	0	-	0
December	0	NaN	0	-	NaN
<i>CB Region (Missing), Unknown, 2021</i>					
January	1	NaN	0	-	0
February	0	NaN	0	-	NaN
March	1	NaN	0	-	0

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Other), Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Not Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), Not Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Unknown, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	1	NaN	0	-	0
December	0	NaN	0	-	NaN
<i>CB Region (Other), Unknown, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN

Index = COVID+: Outcome = Hospitalized with COVID, Asian

Midwest, Hispanic, 2020

April	4	NaN	0	-	0
May	5	NaN	0	-	0
June	9	NaN	1	-	1,111.11
July	4	NaN	0	-	0
August	3	NaN	0	-	0
September	14	NaN	1	-	714.29
October	16	NaN	1	-	625
November	30	NaN	1	-	333.33
December	20	NaN	0	-	0

Midwest, Hispanic, 2021

January	9	NaN	1	-	1,111.11
February	2	NaN	0	-	0
March	5	NaN	1	-	2,000.00

Midwest, Not Hispanic, 2020

April	49	NaN	22	-	4,489.80
May	165	NaN	28	-	1,696.97
June	118	NaN	9	-	762.71
July	66	NaN	5	-	757.58
August	71	NaN	17	-	2,394.37
September	76	NaN	11	-	1,447.37
October	211	NaN	34	-	1,611.37
November	565	NaN	75	-	1,327.43
December	356	NaN	52	-	1,460.67

Midwest, Not Hispanic, 2021

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
January	158	NaN	23	-	1,455.70
February	75	NaN	12	-	1,600.00
March	91	NaN	11	-	1,208.79
<i>Midwest, Unknown, 2020</i>					
April	31	NaN	7	-	2,258.06
May	43	NaN	4	-	930.23
June	38	NaN	5	-	1,315.79
July	52	NaN	3	-	576.92
August	48	NaN	5	-	1,041.67
September	65	NaN	7	-	1,076.92
October	123	NaN	6	-	487.8
November	332	NaN	31	-	933.73
December	258	NaN	25	-	968.99
<i>Midwest, Unknown, 2021</i>					
January	121	NaN	9	-	743.8
February	77	NaN	6	-	779.22
March	83	NaN	10	-	1,204.82
<i>Northeast, Hispanic, 2020</i>					
April	36	NaN	3	-	833.33
May	15	NaN	0	-	0
June	11	NaN	0	-	0
July	13	NaN	1	-	769.23
August	19	NaN	0	-	0
September	14	NaN	0	-	0
October	23	NaN	0	-	0
November	45	NaN	3	-	666.67
December	51	NaN	0	-	0
<i>Northeast, Hispanic, 2021</i>					
January	48	NaN	4	-	833.33
February	20	NaN	1	-	500
March	22	NaN	1	-	454.55
<i>Northeast, Not Hispanic, 2020</i>					
April	17	NaN	9	-	5,294.12
May	12	NaN	4	-	3,333.33

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
June	9	NaN	0	-	0
July	10	NaN	1	-	1,000.00
August	4	NaN	0	-	0
September	1	NaN	0	-	0
October	4	NaN	1	-	2,500.00
November	23	NaN	6	-	2,608.70
December	26	NaN	10	-	3,846.15
<i>Northeast, Not Hispanic, 2021</i>					
January	29	NaN	7	-	2,413.79
February	13	NaN	3	-	2,307.69
March	7	NaN	2	-	2,857.14
<i>Northeast, Unknown, 2020</i>					
April	432	NaN	84	-	1,944.44
May	213	NaN	10	-	469.48
June	145	NaN	4	-	275.86
July	186	NaN	6	-	322.58
August	179	NaN	4	-	223.46
September	156	NaN	4	-	256.41
October	204	NaN	7	-	343.14
November	480	NaN	24	-	500
December	646	NaN	44	-	681.11
<i>Northeast, Unknown, 2021</i>					
January	551	NaN	33	-	598.91
February	357	NaN	30	-	840.34
March	385	NaN	17	-	441.56
<i>South, Hispanic, 2020</i>					
April	11	NaN	1	-	909.09
May	9	NaN	0	-	0
June	54	NaN	5	-	925.93
July	112	NaN	5	-	446.43
August	39	NaN	1	-	256.41
September	20	NaN	1	-	500
October	34	NaN	4	-	1,176.47

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
November	73	NaN	3	-	410.96
December	116	NaN	8	-	689.66
<i>South, Hispanic, 2021</i>					
January	118	NaN	5	-	423.73
February	37	NaN	2	-	540.54
March	30	NaN	2	-	666.67
<i>South, Not Hispanic, 2020</i>					
April	23	NaN	10	-	4,347.83
May	22	NaN	6	-	2,727.27
June	43	NaN	12	-	2,790.70
July	114	NaN	31	-	2,719.30
August	50	NaN	15	-	3,000.00
September	32	NaN	9	-	2,812.50
October	50	NaN	16	-	3,200.00
November	92	NaN	32	-	3,478.26
December	197	NaN	55	-	2,791.88
<i>South, Not Hispanic, 2021</i>					
January	236	NaN	70	-	2,966.10
February	86	NaN	23	-	2,674.42
March	41	NaN	11	-	2,682.93
<i>South, Unknown, 2020</i>					
April	67	NaN	14	-	2,089.55
May	79	NaN	11	-	1,392.41
June	149	NaN	20	-	1,342.28
July	226	NaN	27	-	1,194.69
August	125	NaN	11	-	880
September	127	NaN	6	-	472.44
October	161	NaN	10	-	621.12
November	387	NaN	29	-	749.35
December	659	NaN	61	-	925.64
<i>South, Unknown, 2021</i>					
January	642	NaN	58	-	903.43
February	285	NaN	20	-	701.75
March	190	NaN	15	-	789.47

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>West, Hispanic, 2020</i>					
April	11	NaN	2	-	1,818.18
May	16	NaN	3	-	1,875.00
June	29	NaN	3	-	1,034.48
July	65	NaN	2	-	307.69
August	41	NaN	2	-	487.8
September	22	NaN	0	-	0
October	30	NaN	3	-	1,000.00
November	94	NaN	4	-	425.53
December	131	NaN	5	-	381.68
<i>West, Hispanic, 2021</i>					
January	84	NaN	4	-	476.19
February	24	NaN	2	-	833.33
March	16	NaN	3	-	1,875.00
<i>West, Not Hispanic, 2020</i>					
April	165	NaN	31	-	1,878.79
May	60	NaN	10	-	1,666.67
June	96	NaN	12	-	1,250.00
July	208	NaN	36	-	1,730.77
August	202	NaN	18	-	891.09
September	166	NaN	13	-	783.13
October	236	NaN	28	-	1,186.44
November	884	NaN	100	-	1,131.22
December	916	NaN	102	-	1,113.54
<i>West, Not Hispanic, 2021</i>					
January	555	NaN	71	-	1,279.28
February	201	NaN	23	-	1,144.28
March	196	NaN	16	-	816.33
<i>West, Unknown, 2020</i>					
April	78	NaN	7	-	897.44
May	67	NaN	3	-	447.76
June	148	NaN	13	-	878.38
July	324	NaN	22	-	679.01
August	200	NaN	8	-	400

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
September	142	NaN	6	-	422.54
October	191	NaN	8	-	418.85
November	494	NaN	36	-	728.74
December	766	NaN	56	-	731.07
<i>West, Unknown, 2021</i>					
January	539	NaN	46	-	853.43
February	192	NaN	12	-	625
March	130	NaN	4	-	307.69
<i>CB Region (Invalid), Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	2	NaN	0	-	0
<i>CB Region (Invalid), Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Invalid), Not Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	2	NaN	1	-	5,000.00
October	0	NaN	0	-	NaN
November	4	NaN	0	-	0
December	1	NaN	0	-	0
<i>CB Region (Invalid), Not Hispanic, 2021</i>					
January	0	NaN	0	-	NaN

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
February	0	NaN	0	-	NaN
March	1	NaN	1	-	10,000.00
<i>CB Region (Invalid), Unknown, 2020</i>					
April	5	NaN	0	-	0
May	1	NaN	0	-	0
June	2	NaN	0	-	0
July	4	NaN	0	-	0
August	3	NaN	0	-	0
September	6	NaN	0	-	0
October	2	NaN	1	-	5,000.00
November	9	NaN	0	-	0
December	10	NaN	0	-	0
<i>CB Region (Invalid), Unknown, 2021</i>					
January	6	NaN	0	-	0
February	3	NaN	0	-	0
March	2	NaN	0	-	0
<i>CB Region (Missing), Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	2	NaN	0	-	0
August	2	NaN	0	-	0
September	0	NaN	0	-	NaN
October	1	NaN	0	-	0
November	2	NaN	1	-	5,000.00
December	3	NaN	0	-	0
<i>CB Region (Missing), Hispanic, 2021</i>					
January	2	NaN	0	-	0
February	0	NaN	0	-	NaN
March	1	NaN	0	-	0
<i>CB Region (Missing), Not Hispanic, 2020</i>					
April	42	NaN	7	-	1,666.67
May	6	NaN	0	-	0
June	17	NaN	2	-	1,176.47

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
July	40	NaN	0	-	0
August	44	NaN	1	-	227.27
September	26	NaN	3	-	1,153.85
October	33	NaN	3	-	909.09
November	118	NaN	5	-	423.73
December	107	NaN	5	-	467.29
<i>CB Region (Missing), Not Hispanic, 2021</i>					
January	56	NaN	1	-	178.57
February	30	NaN	0	-	0
March	31	NaN	0	-	0
<i>CB Region (Missing), Unknown, 2020</i>					
April	0	NaN	0	-	NaN
May	2	NaN	0	-	0
June	2	NaN	0	-	0
July	2	NaN	0	-	0
August	4	NaN	0	-	0
September	0	NaN	0	-	NaN
October	3	NaN	0	-	0
November	7	NaN	1	-	1,428.57
December	1	NaN	0	-	0
<i>CB Region (Missing), Unknown, 2021</i>					
January	1	NaN	0	-	0
February	2	NaN	0	-	0
March	1	NaN	0	-	0
<i>CB Region (Other), Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Other), Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Not Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), Not Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Unknown, 2020</i>					
April	3	NaN	0	-	0
May	1	NaN	0	-	0
June	2	NaN	0	-	0
July	4	NaN	0	-	0
August	4	NaN	0	-	0
September	4	NaN	1	-	2,500.00
October	9	NaN	3	-	3,333.33
November	5	NaN	1	-	2,000.00
December	4	NaN	1	-	2,500.00
<i>CB Region (Other), Unknown, 2021</i>					
January	1	NaN	0	-	0
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN

Index = COVID+; Outcome = Hospitalized with COVID, Black or African American

Midwest, Hispanic, 2020

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
April	5	NaN	3	-	6,000.00
May	9	NaN	0	-	0
June	3	NaN	1	-	3,333.33
July	20	NaN	2	-	1,000.00
August	12	NaN	1	-	833.33
September	4	NaN	0	-	0
October	12	NaN	0	-	0
November	38	NaN	1	-	263.16
December	20	NaN	1	-	500
<i>Midwest, Hispanic, 2021</i>					
January	13	NaN	2	-	1,538.46
February	6	NaN	1	-	1,666.67
March	6	NaN	0	-	0
<i>Midwest, Not Hispanic, 2020</i>					
April	891	NaN	425	-	4,769.92
May	680	NaN	175	-	2,573.53
June	414	NaN	98	-	2,367.15
July	735	NaN	165	-	2,244.90
August	556	NaN	119	-	2,140.29
September	362	NaN	72	-	1,988.95
October	734	NaN	200	-	2,724.80
November	1,723	NaN	435	-	2,524.67
December	1,572	NaN	442	-	2,811.70
<i>Midwest, Not Hispanic, 2021</i>					
January	949	NaN	251	-	2,644.89
February	367	NaN	71	-	1,934.60
March	421	NaN	85	-	2,019.00
<i>Midwest, Unknown, 2020</i>					
April	239	NaN	111	-	4,644.35
May	219	NaN	62	-	2,831.05
June	132	NaN	27	-	2,045.45
July	283	NaN	56	-	1,978.80
August	204	NaN	37	-	1,813.73
September	140	NaN	20	-	1,428.57

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
October	300	NaN	55	-	1,833.33
November	707	NaN	124	-	1,753.89
December	612	NaN	128	-	2,091.50
<i>Midwest, Unknown, 2021</i>					
January	327	NaN	64	-	1,957.19
February	155	NaN	26	-	1,677.42
March	140	NaN	20	-	1,428.57
<i>Northeast, Hispanic, 2020</i>					
April	32	NaN	5	-	1,562.50
May	14	NaN	0	-	0
June	14	NaN	2	-	1,428.57
July	13	NaN	0	-	0
August	13	NaN	1	-	769.23
September	15	NaN	0	-	0
October	25	NaN	1	-	400
November	48	NaN	1	-	208.33
December	46	NaN	3	-	652.17
<i>Northeast, Hispanic, 2021</i>					
January	53	NaN	3	-	566.04
February	18	NaN	2	-	1,111.11
March	27	NaN	0	-	0
<i>Northeast, Not Hispanic, 2020</i>					
April	245	NaN	98	-	4,000.00
May	105	NaN	27	-	2,571.43
June	74	NaN	13	-	1,756.76
July	67	NaN	9	-	1,343.28
August	56	NaN	8	-	1,428.57
September	50	NaN	2	-	400
October	66	NaN	15	-	2,272.73
November	145	NaN	57	-	3,931.03
December	243	NaN	80	-	3,292.18
<i>Northeast, Not Hispanic, 2021</i>					
January	196	NaN	71	-	3,622.45
February	124	NaN	35	-	2,822.58

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
March	119	NaN	41	-	3,445.38
<i>Northeast, Unknown, 2020</i>					
April	1,312	NaN	542	-	4,131.10
May	593	NaN	107	-	1,804.38
June	376	NaN	25	-	664.89
July	490	NaN	30	-	612.24
August	412	NaN	19	-	461.17
September	298	NaN	17	-	570.47
October	383	NaN	36	-	939.95
November	888	NaN	154	-	1,734.23
December	1,170	NaN	209	-	1,786.32
<i>Northeast, Unknown, 2021</i>					
January	1,033	NaN	182	-	1,761.86
February	611	NaN	138	-	2,258.59
March	699	NaN	113	-	1,616.60
<i>South, Hispanic, 2020</i>					
April	13	NaN	4	-	3,076.92
May	7	NaN	2	-	2,857.14
June	41	NaN	2	-	487.8
July	43	NaN	1	-	232.56
August	16	NaN	2	-	1,250.00
September	16	NaN	0	-	0
October	25	NaN	2	-	800
November	47	NaN	4	-	851.06
December	68	NaN	4	-	588.24
<i>South, Hispanic, 2021</i>					
January	62	NaN	3	-	483.87
February	25	NaN	3	-	1,200.00
March	18	NaN	0	-	0
<i>South, Not Hispanic, 2020</i>					
April	1,987	NaN	745	-	3,749.37
May	1,074	NaN	342	-	3,184.36
June	1,893	NaN	709	-	3,745.38
July	4,658	NaN	1,807	-	3,879.35

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
August	2,576	NaN	907	-	3,520.96
September	1,471	NaN	457	-	3,106.73
October	1,788	NaN	617	-	3,450.78
November	2,848	NaN	1,020	-	3,581.46
December	5,377	NaN	1,790	-	3,328.99
<i>South, Not Hispanic, 2021</i>					
January	5,945	NaN	1,919	-	3,227.92
February	2,474	NaN	831	-	3,358.93
March	1,249	NaN	415	-	3,322.66
<i>South, Unknown, 2020</i>					
April	567	NaN	156	-	2,751.32
May	430	NaN	105	-	2,441.86
June	873	NaN	177	-	2,027.49
July	1,773	NaN	349	-	1,968.42
August	979	NaN	167	-	1,705.82
September	585	NaN	104	-	1,777.78
October	840	NaN	164	-	1,952.38
November	1,383	NaN	230	-	1,663.05
December	2,513	NaN	441	-	1,754.87
<i>South, Unknown, 2021</i>					
January	2,461	NaN	401	-	1,629.42
February	1,041	NaN	182	-	1,748.32
March	766	NaN	119	-	1,553.52
<i>West, Hispanic, 2020</i>					
April	7	NaN	2	-	2,857.14
May	6	NaN	1	-	1,666.67
June	20	NaN	0	-	0
July	24	NaN	0	-	0
August	14	NaN	0	-	0
September	9	NaN	1	-	1,111.11
October	19	NaN	0	-	0
November	41	NaN	2	-	487.8
December	47	NaN	3	-	638.3

West, Hispanic, 2021

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
January	39	NaN	1	-	256.41
February	16	NaN	0	-	0
March	12	NaN	0	-	0
<i>West, Not Hispanic, 2020</i>					
April	280	NaN	73	-	2,607.14
May	106	NaN	19	-	1,792.45
June	154	NaN	28	-	1,818.18
July	337	NaN	63	-	1,869.44
August	202	NaN	33	-	1,633.66
September	115	NaN	11	-	956.52
October	291	NaN	36	-	1,237.11
November	802	NaN	121	-	1,508.73
December	829	NaN	137	-	1,652.59
<i>West, Not Hispanic, 2021</i>					
January	563	NaN	89	-	1,580.82
February	232	NaN	41	-	1,767.24
March	215	NaN	25	-	1,162.79
<i>West, Unknown, 2020</i>					
April	36	NaN	9	-	2,500.00
May	33	NaN	4	-	1,212.12
June	68	NaN	6	-	882.35
July	193	NaN	22	-	1,139.90
August	89	NaN	7	-	786.52
September	74	NaN	3	-	405.41
October	101	NaN	6	-	594.06
November	169	NaN	13	-	769.23
December	305	NaN	29	-	950.82
<i>West, Unknown, 2021</i>					
January	221	NaN	21	-	950.23
February	71	NaN	14	-	1,971.83
March	43	NaN	5	-	1,162.79
<i>CB Region (Invalid), Hispanic, 2020</i>					
April	1	NaN	0	-	0

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	2	NaN	0	-	0
December	0	NaN	0	-	NaN
<i>CB Region (Invalid), Hispanic, 2021</i>					
January	1	NaN	0	-	0
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Invalid), Not Hispanic, 2020</i>					
April	2	NaN	0	-	0
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	2	NaN	1	-	5,000.00
August	1	NaN	0	-	0
September	1	NaN	1	-	10,000.00
October	0	NaN	0	-	NaN
November	7	NaN	0	-	0
December	2	NaN	0	-	0
<i>CB Region (Invalid), Not Hispanic, 2021</i>					
January	2	NaN	0	-	0
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Invalid), Unknown, 2020</i>					
April	1	NaN	0	-	0
May	1	NaN	0	-	0
June	0	NaN	0	-	NaN
July	2	NaN	1	-	5,000.00
August	2	NaN	2	-	10,000.00
September	1	NaN	0	-	0
October	3	NaN	1	-	3,333.33

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
November	1	NaN	0	-	0
December	2	NaN	0	-	0
<i>CB Region (Invalid), Unknown, 2021</i>					
January	2	NaN	0	-	0
February	1	NaN	0	-	0
March	2	NaN	0	-	0
<i>CB Region (Missing), Hispanic, 2020</i>					
April	1	NaN	0	-	0
May	0	NaN	0	-	NaN
June	1	NaN	0	-	0
July	2	NaN	0	-	0
August	2	NaN	0	-	0
September	2	NaN	0	-	0
October	0	NaN	0	-	NaN
November	7	NaN	0	-	0
December	6	NaN	0	-	0
<i>CB Region (Missing), Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	1	NaN	0	-	0
<i>CB Region (Missing), Not Hispanic, 2020</i>					
April	50	NaN	8	-	1,600.00
May	17	NaN	4	-	2,352.94
June	10	NaN	0	-	0
July	82	NaN	1	-	121.95
August	44	NaN	2	-	454.55
September	29	NaN	1	-	344.83
October	26	NaN	0	-	0
November	121	NaN	5	-	413.22
December	121	NaN	6	-	495.87
<i>CB Region (Missing), Not Hispanic, 2021</i>					
January	56	NaN	3	-	535.71
February	22	NaN	1	-	454.55
March	17	NaN	2	-	1,176.47

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Missing), Unknown, 2020</i>					
April	1	NaN	0	-	0
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	3	NaN	0	-	0
August	1	NaN	0	-	0
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	8	NaN	0	-	0
December	3	NaN	0	-	0
<i>CB Region (Missing), Unknown, 2021</i>					
January	6	NaN	0	-	0
February	2	NaN	0	-	0
March	4	NaN	0	-	0
<i>CB Region (Other), Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Not Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), Not Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Unknown, 2020</i>					
April	2	NaN	0	-	0
May	0	NaN	0	-	NaN
June	1	NaN	0	-	0
July	2	NaN	0	-	0
August	1	NaN	0	-	0
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	1	NaN	0	-	0
<i>CB Region (Other), Unknown, 2021</i>					
January	2	NaN	0	-	0
February	0	NaN	0	-	NaN
March	1	NaN	0	-	0

Index = COVID+; Outcome = Hospitalized with COVID, Native Hawaiian or Other Pacific Islander

Midwest, Hispanic, 2020

April	0	NaN	0	-	NaN
May	3	NaN	0	-	0
June	2	NaN	0	-	0
July	3	NaN	0	-	0
August	1	NaN	0	-	0
September	3	NaN	0	-	0
October	3	NaN	0	-	0
November	5	NaN	0	-	0
December	2	NaN	0	-	0

Midwest, Hispanic, 2021

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
January	4	NaN	1	-	2,500.00
February	3	NaN	0	-	0
March	1	NaN	0	-	0
<i>Midwest, Not Hispanic, 2020</i>					
April	24	NaN	12	-	5,000.00
May	24	NaN	11	-	4,583.33
June	18	NaN	7	-	3,888.89
July	30	NaN	11	-	3,666.67
August	22	NaN	7	-	3,181.82
September	35	NaN	5	-	1,428.57
October	57	NaN	15	-	2,631.58
November	161	NaN	48	-	2,981.37
December	145	NaN	45	-	3,103.45
<i>Midwest, Not Hispanic, 2021</i>					
January	98	NaN	24	-	2,448.98
February	30	NaN	10	-	3,333.33
March	26	NaN	6	-	2,307.69
<i>Midwest, Unknown, 2020</i>					
April	1	NaN	1	-	10,000.00
May	2	NaN	1	-	5,000.00
June	4	NaN	0	-	0
July	3	NaN	0	-	0
August	3	NaN	0	-	0
September	4	NaN	0	-	0
October	5	NaN	0	-	0
November	13	NaN	3	-	2,307.69
December	6	NaN	0	-	0
<i>Midwest, Unknown, 2021</i>					
January	12	NaN	0	-	0
February	2	NaN	0	-	0
March	1	NaN	1	-	10,000.00
<i>Northeast, Hispanic, 2020</i>					
April	3	NaN	1	-	3,333.33

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
May	5	NaN	1	-	2,000.00
June	1	NaN	0	-	0
July	0	NaN	0	-	NaN
August	4	NaN	0	-	0
September	1	NaN	0	-	0
October	0	NaN	0	-	NaN
November	7	NaN	0	-	0
December	8	NaN	0	-	0
<i>Northeast, Hispanic, 2021</i>					
January	4	NaN	0	-	0
February	6	NaN	0	-	0
March	4	NaN	0	-	0
<i>Northeast, Not Hispanic, 2020</i>					
April	23	NaN	15	-	6,521.74
May	8	NaN	1	-	1,250.00
June	10	NaN	2	-	2,000.00
July	12	NaN	0	-	0
August	7	NaN	0	-	0
September	8	NaN	2	-	2,500.00
October	9	NaN	3	-	3,333.33
November	21	NaN	3	-	1,428.57
December	31	NaN	7	-	2,258.06
<i>Northeast, Not Hispanic, 2021</i>					
January	48	NaN	9	-	1,875.00
February	17	NaN	8	-	4,705.88
March	15	NaN	6	-	4,000.00
<i>Northeast, Unknown, 2020</i>					
April	8	NaN	2	-	2,500.00
May	7	NaN	0	-	0
June	6	NaN	0	-	0
July	4	NaN	1	-	2,500.00
August	4	NaN	0	-	0
September	2	NaN	0	-	0
October	9	NaN	1	-	1,111.11

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
November	16	NaN	2	-	1,250.00
December	18	NaN	2	-	1,111.11
<i>Northeast, Unknown, 2021</i>					
January	19	NaN	2	-	1,052.63
February	7	NaN	0	-	0
March	8	NaN	0	-	0
<i>South, Hispanic, 2020</i>					
April	1	NaN	0	-	0
May	1	NaN	0	-	0
June	2	NaN	0	-	0
July	7	NaN	0	-	0
August	1	NaN	0	-	0
September	2	NaN	0	-	0
October	1	NaN	0	-	0
November	7	NaN	1	-	1,428.57
December	8	NaN	1	-	1,250.00
<i>South, Hispanic, 2021</i>					
January	7	NaN	0	-	0
February	6	NaN	0	-	0
March	3	NaN	0	-	0
<i>South, Not Hispanic, 2020</i>					
April	54	NaN	15	-	2,777.78
May	32	NaN	11	-	3,437.50
June	82	NaN	24	-	2,926.83
July	198	NaN	72	-	3,636.36
August	107	NaN	35	-	3,271.03
September	56	NaN	17	-	3,035.71
October	90	NaN	23	-	2,555.56
November	185	NaN	41	-	2,216.22
December	267	NaN	83	-	3,108.61
<i>South, Not Hispanic, 2021</i>					
January	260	NaN	82	-	3,153.85
February	107	NaN	22	-	2,056.07
March	61	NaN	18	-	2,950.82

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>South, Unknown, 2020</i>					
April	2	NaN	1	-	5,000.00
May	4	NaN	0	-	0
June	4	NaN	0	-	0
July	11	NaN	1	-	909.09
August	7	NaN	0	-	0
September	6	NaN	0	-	0
October	5	NaN	0	-	0
November	21	NaN	1	-	476.19
December	21	NaN	2	-	952.38
<i>South, Unknown, 2021</i>					
January	21	NaN	1	-	476.19
February	14	NaN	0	-	0
March	4	NaN	0	-	0
<i>West, Hispanic, 2020</i>					
April	4	NaN	0	-	0
May	3	NaN	0	-	0
June	3	NaN	1	-	3,333.33
July	14	NaN	1	-	714.29
August	9	NaN	1	-	1,111.11
September	4	NaN	0	-	0
October	6	NaN	0	-	0
November	12	NaN	2	-	1,666.67
December	15	NaN	2	-	1,333.33
<i>West, Hispanic, 2021</i>					
January	12	NaN	1	-	833.33
February	5	NaN	0	-	0
March	6	NaN	0	-	0
<i>West, Not Hispanic, 2020</i>					
April	45	NaN	8	-	1,777.78
May	32	NaN	7	-	2,187.50
June	70	NaN	17	-	2,428.57
July	124	NaN	26	-	2,096.77
August	86	NaN	14	-	1,627.91

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
September	53	NaN	12	-	2,264.15
October	102	NaN	21	-	2,058.82
November	255	NaN	45	-	1,764.71
December	327	NaN	82	-	2,507.65
<i>West, Not Hispanic, 2021</i>					
January	268	NaN	60	-	2,238.81
February	90	NaN	10	-	1,111.11
March	48	NaN	4	-	833.33
<i>West, Unknown, 2020</i>					
April	2	NaN	1	-	5,000.00
May	7	NaN	3	-	4,285.71
June	10	NaN	1	-	1,000.00
July	27	NaN	1	-	370.37
August	18	NaN	2	-	1,111.11
September	14	NaN	1	-	714.29
October	17	NaN	1	-	588.24
November	40	NaN	2	-	500
December	45	NaN	2	-	444.44
<i>West, Unknown, 2021</i>					
January	48	NaN	7	-	1,458.33
February	10	NaN	0	-	0
March	9	NaN	0	-	0
<i>CB Region (Invalid), Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Invalid), Hispanic, 2021</i>					
January	0	NaN	0	-	NaN

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Invalid), Not Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	1	NaN	0	-	0
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	1	NaN	0	-	0
<i>CB Region (Invalid), Not Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Invalid), Unknown, 2020</i>					
April	1	NaN	1	-	10,000.00
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	1	NaN	0	-	0
December	0	NaN	0	-	NaN
<i>CB Region (Invalid), Unknown, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Missing), Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	2	NaN	0	-	0

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
July	1	NaN	0	-	0
August	1	NaN	0	-	0
September	0	NaN	0	-	NaN
October	1	NaN	0	-	0
November	3	NaN	0	-	0
December	1	NaN	0	-	0
<i>CB Region (Missing), Hispanic, 2021</i>					
January	1	NaN	0	-	0
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Missing), Not Hispanic, 2020</i>					
April	4	NaN	0	-	0
May	2	NaN	0	-	0
June	7	NaN	0	-	0
July	23	NaN	0	-	0
August	13	NaN	0	-	0
September	12	NaN	0	-	0
October	10	NaN	0	-	0
November	31	NaN	3	-	967.74
December	40	NaN	2	-	500
<i>CB Region (Missing), Not Hispanic, 2021</i>					
January	27	NaN	3	-	1,111.11
February	20	NaN	2	-	1,000.00
March	9	NaN	1	-	1,111.11
<i>CB Region (Missing), Unknown, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	1	NaN	0	-	0
July	2	NaN	0	-	0
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	2	NaN	0	-	0
November	2	NaN	0	-	0
December	1	NaN	0	-	0

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Missing), Unknown, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	1	NaN	0	-	0
<i>CB Region (Other), Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	1	NaN	0	-	0
<i>CB Region (Other), Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Not Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), Not Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Unknown, 2020</i>					
April	2	NaN	1	-	5,000.00

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
May	6	NaN	1	-	1,666.67
June	4	NaN	0	-	0
July	8	NaN	0	-	0
August	9	NaN	0	-	0
September	5	NaN	1	-	2,000.00
October	13	NaN	7	-	5,384.62
November	7	NaN	4	-	5,714.29
December	4	NaN	2	-	5,000.00
<i>CB Region (Other), Unknown, 2021</i>					
January	2	NaN	0	-	0
February	2	NaN	1	-	5,000.00
March	1	NaN	1	-	10,000.00
Index = COVID+: Outcome = Hospitalized with COVID, White					
<i>Midwest, Hispanic, 2020</i>					
April	21	NaN	4	-	1,904.76
May	72	NaN	2	-	277.78
June	41	NaN	5	-	1,219.51
July	75	NaN	5	-	666.67
August	53	NaN	2	-	377.36
September	55	NaN	3	-	545.45
October	114	NaN	8	-	701.75
November	291	NaN	16	-	549.83
December	166	NaN	4	-	240.96
<i>Midwest, Hispanic, 2021</i>					
January	86	NaN	6	-	697.67
February	50	NaN	2	-	400
March	44	NaN	2	-	454.55
<i>Midwest, Not Hispanic, 2020</i>					
April	1,450	NaN	524	-	3,613.79
May	1,950	NaN	406	-	2,082.05
June	1,610	NaN	235	-	1,459.63
July	2,147	NaN	395	-	1,839.78
August	2,347	NaN	458	-	1,951.43
September	2,890	NaN	649	-	2,245.67

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
October	6,811	NaN	1,487	-	2,183.23
November	15,953	NaN	3,120	-	1,955.75
December	10,840	NaN	2,383	-	2,198.34
<i>Midwest, Not Hispanic, 2021</i>					
January	6,372	NaN	1,449	-	2,274.01
February	2,574	NaN	523	-	2,031.86
March	2,719	NaN	401	-	1,474.81
<i>Midwest, Unknown, 2020</i>					
April	542	NaN	167	-	3,081.18
May	697	NaN	127	-	1,822.09
June	608	NaN	60	-	986.84
July	1,232	NaN	116	-	941.56
August	1,261	NaN	143	-	1,134.02
September	1,965	NaN	152	-	773.54
October	4,083	NaN	385	-	942.93
November	8,950	NaN	912	-	1,018.99
December	6,483	NaN	672	-	1,036.56
<i>Midwest, Unknown, 2021</i>					
January	4,094	NaN	411	-	1,003.91
February	1,715	NaN	183	-	1,067.06
March	2,068	NaN	144	-	696.32
<i>Northeast, Hispanic, 2020</i>					
April	64	NaN	7	-	1,093.75
May	57	NaN	0	-	0
June	22	NaN	2	-	909.09
July	34	NaN	0	-	0
August	42	NaN	2	-	476.19
September	40	NaN	1	-	250
October	53	NaN	1	-	188.68
November	121	NaN	4	-	330.58
December	165	NaN	6	-	363.64
<i>Northeast, Hispanic, 2021</i>					
January	172	NaN	4	-	232.56
February	88	NaN	2	-	227.27

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
March	99	NaN	4	-	404.04
<i>Northeast, Not Hispanic, 2020</i>					
April	528	NaN	178	-	3,371.21
May	435	NaN	73	-	1,678.16
June	292	NaN	33	-	1,130.14
July	280	NaN	39	-	1,392.86
August	234	NaN	36	-	1,538.46
September	218	NaN	30	-	1,376.15
October	365	NaN	78	-	2,136.99
November	824	NaN	232	-	2,815.53
December	1,515	NaN	441	-	2,910.89
<i>Northeast, Not Hispanic, 2021</i>					
January	1,175	NaN	350	-	2,978.72
February	559	NaN	144	-	2,576.03
March	472	NaN	106	-	2,245.76
<i>Northeast, Unknown, 2020</i>					
April	3,484	NaN	912	-	2,617.68
May	2,893	NaN	301	-	1,040.44
June	2,174	NaN	110	-	505.98
July	2,333	NaN	92	-	394.34
August	1,931	NaN	83	-	429.83
September	1,993	NaN	101	-	506.77
October	2,768	NaN	235	-	848.99
November	6,564	NaN	724	-	1,102.99
December	9,363	NaN	1,135	-	1,212.22
<i>Northeast, Unknown, 2021</i>					
January	7,844	NaN	887	-	1,130.80
February	3,867	NaN	397	-	1,026.64
March	4,604	NaN	388	-	842.75
<i>South, Hispanic, 2020</i>					
April	22	NaN	2	-	909.09
May	27	NaN	1	-	370.37
June	157	NaN	5	-	318.47
July	248	NaN	16	-	645.16

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
August	126	NaN	11	-	873.02
September	91	NaN	5	-	549.45
October	118	NaN	8	-	677.97
November	228	NaN	19	-	833.33
December	345	NaN	17	-	492.75
<i>South, Hispanic, 2021</i>					
January	350	NaN	19	-	542.86
February	168	NaN	5	-	297.62
March	114	NaN	4	-	350.88
<i>South, Not Hispanic, 2020</i>					
April	2,505	NaN	782	-	3,121.76
May	2,312	NaN	463	-	2,002.60
June	4,108	NaN	1,052	-	2,560.86
July	9,505	NaN	2,749	-	2,892.16
August	6,295	NaN	1,793	-	2,848.29
September	5,158	NaN	1,422	-	2,756.88
October	8,571	NaN	2,243	-	2,616.96
November	14,660	NaN	3,914	-	2,669.85
December	23,760	NaN	5,860	-	2,466.33
<i>South, Not Hispanic, 2021</i>					
January	19,132	NaN	4,834	-	2,526.66
February	7,055	NaN	1,841	-	2,609.50
March	3,907	NaN	1,044	-	2,672.13
<i>South, Unknown, 2020</i>					
April	924	NaN	193	-	2,088.74
May	1,051	NaN	153	-	1,455.76
June	2,543	NaN	289	-	1,136.45
July	4,809	NaN	688	-	1,430.65
August	2,989	NaN	454	-	1,518.90
September	2,684	NaN	288	-	1,073.03
October	4,366	NaN	545	-	1,248.28
November	7,759	NaN	931	-	1,199.90
December	12,929	NaN	1,555	-	1,202.72
<i>South, Unknown, 2021</i>					

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
January	11,717	NaN	1,385	-	1,182.04
February	4,619	NaN	506	-	1,095.48
March	3,242	NaN	319	-	983.96
<i>West, Hispanic, 2020</i>					
April	51	NaN	10	-	1,960.78
May	50	NaN	3	-	600
June	92	NaN	5	-	543.48
July	210	NaN	14	-	666.67
August	135	NaN	6	-	444.44
September	110	NaN	8	-	727.27
October	221	NaN	17	-	769.23
November	555	NaN	26	-	468.47
December	572	NaN	32	-	559.44
<i>West, Hispanic, 2021</i>					
January	431	NaN	13	-	301.62
February	125	NaN	9	-	720
March	128	NaN	7	-	546.88
<i>West, Not Hispanic, 2020</i>					
April	1,496	NaN	362	-	2,419.79
May	925	NaN	160	-	1,729.73
June	1,491	NaN	234	-	1,569.42
July	3,101	NaN	464	-	1,496.29
August	2,119	NaN	272	-	1,283.62
September	2,232	NaN	261	-	1,169.35
October	4,245	NaN	533	-	1,255.59
November	11,528	NaN	1,414	-	1,226.58
December	11,082	NaN	1,710	-	1,543.04
<i>West, Not Hispanic, 2021</i>					
January	7,948	NaN	1,163	-	1,463.26
February	3,359	NaN	466	-	1,387.32
March	2,943	NaN	238	-	808.7
<i>West, Unknown, 2020</i>					
April	382	NaN	64	-	1,675.39
May	457	NaN	38	-	831.51

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
June	956	NaN	70	-	732.22
July	2,058	NaN	135	-	655.98
August	1,243	NaN	59	-	474.66
September	1,132	NaN	45	-	397.53
October	1,815	NaN	88	-	484.85
November	3,635	NaN	238	-	654.75
December	4,648	NaN	380	-	817.56
<i>West, Unknown, 2021</i>					
January	3,514	NaN	291	-	828.12
February	1,187	NaN	75	-	631.84
March	877	NaN	41	-	467.5
<i>CB Region (Invalid), Hispanic, 2020</i>					
April	1	NaN	0	-	0
May	0	NaN	0	-	NaN
June	1	NaN	0	-	0
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	1	NaN	0	-	0
October	0	NaN	0	-	NaN
November	3	NaN	0	-	0
December	3	NaN	0	-	0
<i>CB Region (Invalid), Hispanic, 2021</i>					
January	1	NaN	0	-	0
February	1	NaN	0	-	0
March	2	NaN	1	-	5,000.00
<i>CB Region (Invalid), Not Hispanic, 2020</i>					
April	1	NaN	0	-	0
May	3	NaN	1	-	3,333.33
June	6	NaN	1	-	1,666.67
July	15	NaN	4	-	2,666.67
August	7	NaN	1	-	1,428.57
September	8	NaN	4	-	5,000.00
October	15	NaN	4	-	2,666.67
November	43	NaN	5	-	1,162.79

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
December	52	NaN	10	-	1,923.08
<i>CB Region (Invalid), Not Hispanic, 2021</i>					
January	24	NaN	4	-	1,666.67
February	15	NaN	1	-	666.67
March	6	NaN	2	-	3,333.33
<i>CB Region (Invalid), Unknown, 2020</i>					
April	6	NaN	3	-	5,000.00
May	4	NaN	0	-	0
June	11	NaN	2	-	1,818.18
July	13	NaN	2	-	1,538.46
August	13	NaN	1	-	769.23
September	11	NaN	0	-	0
October	25	NaN	2	-	800
November	29	NaN	3	-	1,034.48
December	55	NaN	0	-	0
<i>CB Region (Invalid), Unknown, 2021</i>					
January	47	NaN	2	-	425.53
February	20	NaN	3	-	1,500.00
March	18	NaN	0	-	0
<i>CB Region (Missing), Hispanic, 2020</i>					
April	10	NaN	1	-	1,000.00
May	5	NaN	0	-	0
June	5	NaN	0	-	0
July	27	NaN	1	-	370.37
August	14	NaN	0	-	0
September	13	NaN	1	-	769.23
October	23	NaN	2	-	869.57
November	53	NaN	1	-	188.68
December	43	NaN	4	-	930.23
<i>CB Region (Missing), Hispanic, 2021</i>					
January	37	NaN	3	-	810.81
February	14	NaN	1	-	714.29
March	17	NaN	0	-	0
<i>CB Region (Missing), Not Hispanic, 2020</i>					

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
April	162	NaN	26	-	1,604.94
May	77	NaN	18	-	2,337.66
June	132	NaN	12	-	909.09
July	393	NaN	12	-	305.34
August	255	NaN	7	-	274.51
September	251	NaN	11	-	438.25
October	321	NaN	18	-	560.75
November	835	NaN	33	-	395.21
December	807	NaN	45	-	557.62
<i>CB Region (Missing), Not Hispanic, 2021</i>					
January	577	NaN	35	-	606.59
February	243	NaN	17	-	699.59
March	250	NaN	12	-	480
<i>CB Region (Missing), Unknown, 2020</i>					
April	2	NaN	0	-	0
May	3	NaN	1	-	3,333.33
June	3	NaN	0	-	0
July	15	NaN	1	-	666.67
August	12	NaN	0	-	0
September	6	NaN	0	-	0
October	12	NaN	0	-	0
November	31	NaN	1	-	322.58
December	36	NaN	0	-	0
<i>CB Region (Missing), Unknown, 2021</i>					
January	22	NaN	0	-	0
February	8	NaN	2	-	2,500.00
March	10	NaN	0	-	0
<i>CB Region (Other), Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	1	NaN	0	-	0
March	0	NaN	0	-	NaN
<i>CB Region (Other), Not Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), Not Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Unknown, 2020</i>					
April	0	NaN	0	-	NaN
May	1	NaN	0	-	0
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	1	NaN	0	-	0
September	0	NaN	0	-	NaN
October	1	NaN	0	-	0
November	0	NaN	0	-	NaN
December	1	NaN	0	-	0
<i>CB Region (Other), Unknown, 2021</i>					
January	1	NaN	1	-	10,000.00
February	0	NaN	0	-	NaN

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
March	0	NaN	0	-	NaN
Index = COVID+: Outcome = Hospitalized with Critical COVID					
<i>Midwest, Hispanic, 2020</i>					
April	162	NaN	38	-	2,345.68
May	353	NaN	28	-	793.2
June	205	NaN	16	-	780.49
July	282	NaN	10	-	354.61
August	235	NaN	17	-	723.4
September	264	NaN	15	-	568.18
October	584	NaN	35	-	599.32
November	1,266	NaN	61	-	481.83
December	828	NaN	44	-	531.4
<i>Midwest, Hispanic, 2021</i>					
January	460	NaN	28	-	608.7
February	210	NaN	7	-	333.33
March	203	NaN	6	-	295.57
<i>Midwest, Not Hispanic, 2020</i>					
April	2,426	NaN	570	-	2,349.55
May	2,872	NaN	334	-	1,162.95
June	2,190	NaN	190	-	867.58
July	3,023	NaN	327	-	1,081.71
August	3,033	NaN	336	-	1,107.81
September	3,396	NaN	357	-	1,051.24
October	7,902	NaN	894	-	1,131.36
November	18,620	NaN	1,787	-	959.72
December	13,027	NaN	1,462	-	1,122.28
<i>Midwest, Not Hispanic, 2021</i>					
January	7,636	NaN	882	-	1,155.06
February	3,076	NaN	292	-	949.28
March	3,295	NaN	245	-	743.55
<i>Midwest, Unknown, 2020</i>					
April	1,727	NaN	314	-	1,818.18
May	2,279	NaN	200	-	877.58
June	1,808	NaN	109	-	602.88

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
July	4,988	NaN	376	-	753.81
August	4,871	NaN	341	-	700.06
September	6,822	NaN	389	-	570.21
October	13,507	NaN	813	-	601.91
November	30,008	NaN	1,814	-	604.51
December	22,400	NaN	1,453	-	648.66
<i>Midwest, Unknown, 2021</i>					
January	13,686	NaN	929	-	678.8
February	5,967	NaN	386	-	646.89
March	6,361	NaN	304	-	477.91
<i>Northeast, Hispanic, 2020</i>					
April	995	NaN	73	-	733.67
May	455	NaN	10	-	219.78
June	274	NaN	2	-	72.99
July	348	NaN	8	-	229.89
August	374	NaN	5	-	133.69
September	297	NaN	7	-	235.69
October	463	NaN	13	-	280.78
November	1,152	NaN	35	-	303.82
December	1,335	NaN	40	-	299.63
<i>Northeast, Hispanic, 2021</i>					
January	1,224	NaN	34	-	277.78
February	703	NaN	21	-	298.72
March	717	NaN	10	-	139.47
<i>Northeast, Not Hispanic, 2020</i>					
April	816	NaN	137	-	1,678.92
May	561	NaN	52	-	926.92
June	385	NaN	23	-	597.4
July	370	NaN	28	-	756.76
August	303	NaN	24	-	792.08
September	277	NaN	23	-	830.32
October	444	NaN	55	-	1,238.74
November	1,014	NaN	165	-	1,627.22
December	1,816	NaN	271	-	1,492.29

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>Northeast, Not Hispanic, 2021</i>					
January	1,450	NaN	205	-	1,413.79
February	713	NaN	93	-	1,304.35
March	613	NaN	64	-	1,044.05
<i>Northeast, Unknown, 2020</i>					
April	9,973	NaN	1,167	-	1,170.16
May	6,983	NaN	308	-	441.07
June	4,908	NaN	102	-	207.82
July	6,859	NaN	218	-	317.83
August	5,862	NaN	168	-	286.59
September	5,783	NaN	159	-	274.94
October	8,133	NaN	372	-	457.4
November	18,993	NaN	1,124	-	591.8
December	26,726	NaN	1,673	-	625.98
<i>Northeast, Unknown, 2021</i>					
January	21,771	NaN	1,092	-	501.58
February	11,279	NaN	520	-	461.03
March	13,442	NaN	525	-	390.57
<i>South, Hispanic, 2020</i>					
April	394	NaN	49	-	1,243.65
May	427	NaN	51	-	1,194.38
June	1,826	NaN	153	-	837.9
July	3,129	NaN	285	-	910.83
August	1,204	NaN	101	-	838.87
September	767	NaN	64	-	834.42
October	1,471	NaN	107	-	727.4
November	2,446	NaN	169	-	690.92
December	3,523	NaN	238	-	675.56
<i>South, Hispanic, 2021</i>					
January	3,452	NaN	213	-	617.03
February	1,301	NaN	94	-	722.52
March	956	NaN	41	-	428.87
<i>South, Not Hispanic, 2020</i>					
April	4,581	NaN	996	-	2,174.20

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
May	3,449	NaN	511	-	1,481.59
June	6,136	NaN	1,176	-	1,916.56
July	14,504	NaN	2,828	-	1,949.81
August	9,050	NaN	1,699	-	1,877.35
September	6,749	NaN	1,141	-	1,690.62
October	10,544	NaN	1,704	-	1,616.08
November	17,857	NaN	2,947	-	1,650.33
December	29,705	NaN	4,363	-	1,468.78
<i>South, Not Hispanic, 2021</i>					
January	25,676	NaN	3,802	-	1,480.76
February	9,747	NaN	1,607	-	1,648.71
March	5,272	NaN	884	-	1,676.78
<i>South, Unknown, 2020</i>					
April	3,835	NaN	451	-	1,176.01
May	3,782	NaN	300	-	793.23
June	11,210	NaN	634	-	565.57
July	23,941	NaN	1,834	-	766.05
August	13,315	NaN	1,034	-	776.57
September	10,658	NaN	722	-	677.43
October	16,273	NaN	1,065	-	654.46
November	29,737	NaN	1,762	-	592.53
December	49,043	NaN	2,950	-	601.51
<i>South, Unknown, 2021</i>					
January	45,488	NaN	2,550	-	560.59
February	18,318	NaN	1,127	-	615.24
March	12,724	NaN	707	-	555.64
<i>West, Hispanic, 2020</i>					
April	584	NaN	60	-	1,027.40
May	542	NaN	46	-	848.71
June	990	NaN	65	-	656.57
July	2,104	NaN	108	-	513.31
August	1,164	NaN	62	-	532.65
September	957	NaN	38	-	397.07
October	2,129	NaN	80	-	375.76

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
November	5,024	NaN	206	-	410.03
December	5,283	NaN	244	-	461.86
<i>West, Hispanic, 2021</i>					
January	3,484	NaN	135	-	387.49
February	1,097	NaN	48	-	437.56
March	835	NaN	33	-	395.21
<i>West, Not Hispanic, 2020</i>					
April	2,068	NaN	280	-	1,353.97
May	1,169	NaN	114	-	975.19
June	1,851	NaN	191	-	1,031.87
July	3,870	NaN	372	-	961.24
August	2,688	NaN	200	-	744.05
September	2,651	NaN	154	-	580.91
October	5,055	NaN	341	-	674.58
November	13,973	NaN	856	-	612.61
December	13,572	NaN	1,157	-	852.49
<i>West, Not Hispanic, 2021</i>					
January	9,567	NaN	777	-	812.17
February	4,019	NaN	282	-	701.67
March	3,522	NaN	147	-	417.38
<i>West, Unknown, 2020</i>					
April	1,332	NaN	137	-	1,028.53
May	1,510	NaN	78	-	516.56
June	3,679	NaN	172	-	467.52
July	7,567	NaN	344	-	454.61
August	4,602	NaN	152	-	330.29
September	3,888	NaN	118	-	303.5
October	6,291	NaN	197	-	313.15
November	13,604	NaN	519	-	381.51
December	18,118	NaN	814	-	449.28
<i>West, Unknown, 2021</i>					
January	13,507	NaN	621	-	459.76
February	4,573	NaN	181	-	395.8
March	3,119	NaN	83	-	266.11

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Invalid), Hispanic, 2020</i>					
April	3	NaN	1	-	3,333.33
May	3	NaN	0	-	0
June	1	NaN	0	-	0
July	4	NaN	0	-	0
August	4	NaN	0	-	0
September	3	NaN	0	-	0
October	9	NaN	1	-	1,111.11
November	17	NaN	0	-	0
December	12	NaN	0	-	0
<i>CB Region (Invalid), Hispanic, 2021</i>					
January	9	NaN	0	-	0
February	7	NaN	0	-	0
March	3	NaN	0	-	0
<i>CB Region (Invalid), Not Hispanic, 2020</i>					
April	3	NaN	0	-	0
May	3	NaN	1	-	3,333.33
June	6	NaN	1	-	1,666.67
July	18	NaN	0	-	0
August	8	NaN	1	-	1,250.00
September	11	NaN	4	-	3,636.36
October	16	NaN	4	-	2,500.00
November	55	NaN	1	-	181.82
December	56	NaN	9	-	1,607.14
<i>CB Region (Invalid), Not Hispanic, 2021</i>					
January	26	NaN	3	-	1,153.85
February	15	NaN	1	-	666.67
March	8	NaN	3	-	3,750.00
<i>CB Region (Invalid), Unknown, 2020</i>					
April	27	NaN	2	-	740.74
May	24	NaN	1	-	416.67
June	43	NaN	1	-	232.56
July	68	NaN	2	-	294.12
August	57	NaN	2	-	350.88

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
September	60	NaN	0	-	0
October	87	NaN	4	-	459.77
November	110	NaN	4	-	363.64
December	167	NaN	2	-	119.76
<i>CB Region (Invalid), Unknown, 2021</i>					
January	140	NaN	3	-	214.29
February	81	NaN	1	-	123.46
March	83	NaN	0	-	0
<i>CB Region (Missing), Hispanic, 2020</i>					
April	25	NaN	2	-	800
May	8	NaN	0	-	0
June	20	NaN	0	-	0
July	68	NaN	1	-	147.06
August	45	NaN	2	-	444.44
September	32	NaN	1	-	312.5
October	58	NaN	3	-	517.24
November	147	NaN	5	-	340.14
December	124	NaN	3	-	241.94
<i>CB Region (Missing), Hispanic, 2021</i>					
January	89	NaN	3	-	337.08
February	31	NaN	0	-	0
March	39	NaN	0	-	0
<i>CB Region (Missing), Not Hispanic, 2020</i>					
April	270	NaN	33	-	1,222.22
May	107	NaN	15	-	1,401.87
June	173	NaN	8	-	462.43
July	562	NaN	8	-	142.35
August	380	NaN	5	-	131.58
September	331	NaN	8	-	241.69
October	403	NaN	13	-	322.58
November	1,156	NaN	32	-	276.82
December	1,118	NaN	28	-	250.45
<i>CB Region (Missing), Not Hispanic, 2021</i>					
January	746	NaN	28	-	375.34

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
February	327	NaN	11	-	336.39
March	313	NaN	5	-	159.74
<i>CB Region (Missing), Unknown, 2020</i>					
April	45	NaN	4	-	888.89
May	58	NaN	0	-	0
June	81	NaN	1	-	123.46
July	166	NaN	3	-	180.72
August	110	NaN	2	-	181.82
September	91	NaN	0	-	0
October	138	NaN	2	-	144.93
November	385	NaN	6	-	155.84
December	376	NaN	12	-	319.15
<i>CB Region (Missing), Unknown, 2021</i>					
January	288	NaN	7	-	243.06
February	114	NaN	6	-	526.32
March	128	NaN	4	-	312.5
<i>CB Region (Other), Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	1	NaN	0	-	0
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	1	NaN	0	-	0
<i>CB Region (Other), Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	1	NaN	0	-	0
March	0	NaN	0	-	NaN
<i>CB Region (Other), Not Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), Not Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Unknown, 2020</i>					
April	19	NaN	1	-	526.32
May	44	NaN	2	-	454.55
June	37	NaN	0	-	0
July	59	NaN	4	-	677.97
August	89	NaN	13	-	1,460.67
September	39	NaN	8	-	2,051.28
October	115	NaN	17	-	1,478.26
November	76	NaN	12	-	1,578.95
December	35	NaN	7	-	2,000.00
<i>CB Region (Other), Unknown, 2021</i>					
January	22	NaN	3	-	1,363.64
February	5	NaN	1	-	2,000.00
March	3	NaN	2	-	6,666.67
Index = Hospitalized with COVID; Outcome = Hospitalized with Critical COVID, Overall Race					
<i>Midwest, Hispanic, 2020</i>					
April	50	NaN	34	-	6,800.00
May	44	NaN	30	-	6,818.18
June	28	NaN	16	-	5,714.29
July	16	NaN	10	-	6,250.00
August	29	NaN	13	-	4,482.76
September	30	NaN	16	-	5,333.33
October	49	NaN	30	-	6,122.45

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
November	112	NaN	63	-	5,625.00
December	77	NaN	46	-	5,974.03
<i>Midwest, Hispanic, 2021</i>					
January	57	NaN	32	-	5,614.04
February	21	NaN	9	-	4,285.71
March	16	NaN	6	-	3,750.00
<i>Midwest, Not Hispanic, 2020</i>					
April	895	NaN	522	-	5,832.40
May	611	NaN	330	-	5,400.98
June	320	NaN	181	-	5,656.25
July	544	NaN	309	-	5,680.15
August	578	NaN	316	-	5,467.13
September	678	NaN	335	-	4,941.00
October	1,586	NaN	814	-	5,132.41
November	3,640	NaN	1,757	-	4,826.92
December	3,121	NaN	1,561	-	5,001.60
<i>Midwest, Not Hispanic, 2021</i>					
January	1,919	NaN	959	-	4,997.39
February	697	NaN	324	-	4,648.49
March	560	NaN	268	-	4,785.71
<i>Midwest, Unknown, 2020</i>					
April	445	NaN	292	-	6,561.80
May	343	NaN	193	-	5,626.82
June	158	NaN	105	-	6,645.57
July	525	NaN	343	-	6,533.33
August	585	NaN	313	-	5,350.43
September	659	NaN	365	-	5,538.69
October	1,436	NaN	769	-	5,355.15
November	3,431	NaN	1,756	-	5,118.04
December	2,853	NaN	1,493	-	5,233.09
<i>Midwest, Unknown, 2021</i>					
January	1,833	NaN	1,008	-	5,499.18
February	767	NaN	446	-	5,814.86
March	643	NaN	345	-	5,365.47

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>Northeast, Hispanic, 2020</i>					
April	149	NaN	70	-	4,697.99
May	29	NaN	10	-	3,448.28
June	6	NaN	1	-	1,666.67
July	14	NaN	5	-	3,571.43
August	13	NaN	4	-	3,076.92
September	6	NaN	6	-	10,000.00
October	15	NaN	11	-	7,333.33
November	51	NaN	32	-	6,274.51
December	98	NaN	47	-	4,795.92
<i>Northeast, Hispanic, 2021</i>					
January	65	NaN	31	-	4,769.23
February	48	NaN	27	-	5,625.00
March	48	NaN	14	-	2,916.67
<i>Northeast, Not Hispanic, 2020</i>					
April	282	NaN	131	-	4,645.39
May	99	NaN	49	-	4,949.49
June	51	NaN	25	-	4,901.96
July	41	NaN	24	-	5,853.66
August	42	NaN	21	-	5,000.00
September	28	NaN	19	-	6,785.71
October	82	NaN	46	-	5,609.76
November	280	NaN	162	-	5,785.71
December	530	NaN	265	-	5,000.00
<i>Northeast, Not Hispanic, 2021</i>					
January	474	NaN	226	-	4,767.93
February	219	NaN	100	-	4,566.21
March	170	NaN	72	-	4,235.29
<i>Northeast, Unknown, 2020</i>					
April	2,080	NaN	1,085	-	5,216.35
May	597	NaN	332	-	5,561.14
June	200	NaN	90	-	4,500.00
July	277	NaN	171	-	6,173.29
August	256	NaN	157	-	6,132.81

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
September	248	NaN	148	-	5,967.74
October	531	NaN	332	-	6,252.35
November	1,799	NaN	1,052	-	5,847.69
December	3,117	NaN	1,685	-	5,405.84
<i>Northeast, Unknown, 2021</i>					
January	2,412	NaN	1,217	-	5,045.61
February	1,191	NaN	578	-	4,853.06
March	1,227	NaN	581	-	4,735.13
<i>South, Hispanic, 2020</i>					
April	68	NaN	41	-	6,029.41
May	67	NaN	53	-	7,910.45
June	176	NaN	122	-	6,931.82
July	436	NaN	285	-	6,536.70
August	179	NaN	121	-	6,759.78
September	98	NaN	61	-	6,224.49
October	168	NaN	101	-	6,011.90
November	260	NaN	157	-	6,038.46
December	369	NaN	231	-	6,260.16
<i>South, Hispanic, 2021</i>					
January	368	NaN	226	-	6,141.30
February	178	NaN	113	-	6,348.31
March	91	NaN	54	-	5,934.07
<i>South, Not Hispanic, 2020</i>					
April	1,395	NaN	900	-	6,451.61
May	776	NaN	481	-	6,198.45
June	1,512	NaN	1,000	-	6,613.76
July	4,481	NaN	2,733	-	6,099.09
August	2,860	NaN	1,762	-	6,160.84
September	1,803	NaN	1,078	-	5,978.92
October	2,748	NaN	1,617	-	5,884.28
November	4,795	NaN	2,809	-	5,858.19
December	7,755	NaN	4,362	-	5,624.76
<i>South, Not Hispanic, 2021</i>					
January	7,442	NaN	4,078	-	5,479.71

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
February	3,160	NaN	1,844	-	5,835.44
March	1,687	NaN	994	-	5,892.12
<i>South, Unknown, 2020</i>					
April	682	NaN	413	-	6,055.72
May	471	NaN	287	-	6,093.42
June	851	NaN	536	-	6,298.47
July	2,929	NaN	1,754	-	5,988.39
August	1,827	NaN	1,084	-	5,933.22
September	1,190	NaN	701	-	5,890.76
October	1,763	NaN	1,028	-	5,830.97
November	3,058	NaN	1,669	-	5,457.82
December	5,145	NaN	2,812	-	5,465.50
<i>South, Unknown, 2021</i>					
January	5,157	NaN	2,758	-	5,348.07
February	2,276	NaN	1,284	-	5,641.48
March	1,485	NaN	810	-	5,454.55
<i>West, Hispanic, 2020</i>					
April	115	NaN	57	-	4,956.52
May	75	NaN	43	-	5,733.33
June	91	NaN	60	-	6,593.41
July	176	NaN	111	-	6,306.82
August	106	NaN	60	-	5,660.38
September	59	NaN	33	-	5,593.22
October	145	NaN	75	-	5,172.41
November	343	NaN	196	-	5,714.29
December	421	NaN	251	-	5,962.00
<i>West, Hispanic, 2021</i>					
January	287	NaN	148	-	5,156.79
February	103	NaN	49	-	4,757.28
March	83	NaN	42	-	5,060.24
<i>West, Not Hispanic, 2020</i>					
April	459	NaN	260	-	5,664.49
May	202	NaN	109	-	5,396.04
June	253	NaN	168	-	6,640.32

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
July	579	NaN	358	-	6,183.07
August	365	NaN	212	-	5,808.22
September	276	NaN	138	-	5,000.00
October	568	NaN	300	-	5,281.69
November	1,658	NaN	822	-	4,957.78
December	2,104	NaN	1,168	-	5,551.33
<i>West, Not Hispanic, 2021</i>					
January	1,543	NaN	844	-	5,469.86
February	631	NaN	324	-	5,134.71
March	340	NaN	168	-	4,941.18
<i>West, Unknown, 2020</i>					
April	199	NaN	125	-	6,281.41
May	119	NaN	78	-	6,554.62
June	220	NaN	146	-	6,636.36
July	513	NaN	335	-	6,530.21
August	271	NaN	162	-	5,977.86
September	199	NaN	119	-	5,979.90
October	313	NaN	176	-	5,623.00
November	872	NaN	500	-	5,733.94
December	1,397	NaN	802	-	5,740.87
<i>West, Unknown, 2021</i>					
January	1,144	NaN	662	-	5,786.71
February	409	NaN	212	-	5,183.37
March	190	NaN	99	-	5,210.53
<i>CB Region (Invalid), Hispanic, 2020</i>					
April	1	NaN	1	-	10,000.00
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	1	NaN	1	-	10,000.00
November	0	NaN	0	-	NaN
December	2	NaN	0	-	0

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Invalid), Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	2	NaN	0	-	0
<i>CB Region (Invalid), Not Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	1	NaN	1	-	10,000.00
June	1	NaN	1	-	10,000.00
July	4	NaN	0	-	0
August	2	NaN	1	-	5,000.00
September	4	NaN	3	-	7,500.00
October	5	NaN	4	-	8,000.00
November	6	NaN	2	-	3,333.33
December	9	NaN	9	-	10,000.00
<i>CB Region (Invalid), Not Hispanic, 2021</i>					
January	5	NaN	3	-	6,000.00
February	1	NaN	1	-	10,000.00
March	3	NaN	3	-	10,000.00
<i>CB Region (Invalid), Unknown, 2020</i>					
April	3	NaN	2	-	6,666.67
May	1	NaN	1	-	10,000.00
June	2	NaN	1	-	5,000.00
July	5	NaN	2	-	4,000.00
August	7	NaN	2	-	2,857.14
September	2	NaN	0	-	0
October	7	NaN	4	-	5,714.29
November	10	NaN	4	-	4,000.00
December	5	NaN	2	-	4,000.00
<i>CB Region (Invalid), Unknown, 2021</i>					
January	7	NaN	3	-	4,285.71
February	7	NaN	1	-	1,428.57
March	1	NaN	0	-	0
<i>CB Region (Missing), Hispanic, 2020</i>					
April	3	NaN	2	-	6,666.67

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	3	NaN	1	-	3,333.33
August	3	NaN	2	-	6,666.67
September	1	NaN	1	-	10,000.00
October	1	NaN	1	-	10,000.00
November	9	NaN	6	-	6,666.67
December	7	NaN	3	-	4,285.71
<i>CB Region (Missing), Hispanic, 2021</i>					
January	7	NaN	3	-	4,285.71
February	2	NaN	1	-	5,000.00
March	1	NaN	0	-	0
<i>CB Region (Missing), Not Hispanic, 2020</i>					
April	40	NaN	33	-	8,250.00
May	21	NaN	13	-	6,190.48
June	12	NaN	7	-	5,833.33
July	11	NaN	7	-	6,363.64
August	10	NaN	4	-	4,000.00
September	10	NaN	5	-	5,000.00
October	23	NaN	13	-	5,652.17
November	47	NaN	33	-	7,021.28
December	60	NaN	26	-	4,333.33
<i>CB Region (Missing), Not Hispanic, 2021</i>					
January	53	NaN	33	-	6,226.42
February	27	NaN	15	-	5,555.56
March	16	NaN	5	-	3,125.00
<i>CB Region (Missing), Unknown, 2020</i>					
April	7	NaN	4	-	5,714.29
May	3	NaN	0	-	0
June	6	NaN	1	-	1,666.67
July	6	NaN	2	-	3,333.33
August	2	NaN	1	-	5,000.00
September	3	NaN	1	-	3,333.33
October	5	NaN	2	-	4,000.00

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
November	12	NaN	6	-	5,000.00
December	25	NaN	11	-	4,400.00
<i>CB Region (Missing), Unknown, 2021</i>					
January	16	NaN	8	-	5,000.00
February	7	NaN	5	-	7,142.86
March	9	NaN	6	-	6,666.67
<i>CB Region (Other), Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Not Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), Not Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Other), Unknown, 2020</i>					
April	3	NaN	1	-	3,333.33
May	2	NaN	1	-	5,000.00
June	0	NaN	0	-	NaN
July	3	NaN	3	-	10,000.00
August	15	NaN	12	-	8,000.00
September	11	NaN	10	-	9,090.91
October	31	NaN	16	-	5,161.29
November	23	NaN	13	-	5,652.17
December	10	NaN	8	-	8,000.00
<i>CB Region (Other), Unknown, 2021</i>					
January	3	NaN	3	-	10,000.00
February	1	NaN	1	-	10,000.00
March	2	NaN	2	-	10,000.00
Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, Unknown Race					
<i>Midwest, Hispanic, 2020</i>					
April	44	NaN	29	-	6,590.91
May	40	NaN	28	-	7,000.00
June	21	NaN	13	-	6,190.48
July	10	NaN	8	-	8,000.00
August	24	NaN	13	-	5,416.67
September	26	NaN	14	-	5,384.62
October	41	NaN	28	-	6,829.27
November	89	NaN	55	-	6,179.78
December	68	NaN	42	-	6,176.47
<i>Midwest, Hispanic, 2021</i>					
January	47	NaN	26	-	5,531.91
February	18	NaN	8	-	4,444.44
March	12	NaN	4	-	3,333.33
<i>Midwest, Not Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	1	NaN	1	-	10,000.00
June	1	NaN	1	-	10,000.00
July	0	NaN	0	-	NaN

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
August	1	NaN	0	-	0
September	0	NaN	0	-	NaN
October	1	NaN	0	-	0
November	2	NaN	1	-	5,000.00
December	0	NaN	0	-	NaN
<i>Midwest, Not Hispanic, 2021</i>					
January	2	NaN	1	-	5,000.00
February	0	NaN	0	-	NaN
March	2	NaN	1	-	5,000.00
<i>Midwest, Unknown, 2020</i>					
April	182	NaN	115	-	6,318.68
May	158	NaN	83	-	5,253.16
June	71	NaN	44	-	6,197.18
July	366	NaN	239	-	6,530.05
August	400	NaN	199	-	4,975.00
September	489	NaN	281	-	5,746.42
October	1,035	NaN	539	-	5,207.73
November	2,378	NaN	1,172	-	4,928.51
December	2,013	NaN	1,026	-	5,096.87
<i>Midwest, Unknown, 2021</i>					
January	1,275	NaN	690	-	5,411.76
February	523	NaN	308	-	5,889.10
March	435	NaN	227	-	5,218.39
<i>Northeast, Hispanic, 2020</i>					
April	135	NaN	60	-	4,444.44
May	26	NaN	9	-	3,461.54
June	2	NaN	1	-	5,000.00
July	13	NaN	5	-	3,846.15
August	10	NaN	2	-	2,000.00
September	6	NaN	6	-	10,000.00
October	14	NaN	11	-	7,857.14
November	44	NaN	29	-	6,590.91
December	88	NaN	44	-	5,000.00
<i>Northeast, Hispanic, 2021</i>					

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
January	54	NaN	26	-	4,814.81
February	41	NaN	24	-	5,853.66
March	41	NaN	11	-	2,682.93
<i>Northeast, Not Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>Northeast, Not Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>Northeast, Unknown, 2020</i>					
April	641	NaN	312	-	4,867.39
May	177	NaN	89	-	5,028.25
June	72	NaN	26	-	3,611.11
July	171	NaN	108	-	6,315.79
August	150	NaN	91	-	6,066.67
September	138	NaN	75	-	5,434.78
October	295	NaN	181	-	6,135.59
November	970	NaN	557	-	5,742.27
December	1,695	NaN	910	-	5,368.73
<i>Northeast, Unknown, 2021</i>					
January	1,218	NaN	616	-	5,057.47
February	553	NaN	271	-	4,900.54
March	632	NaN	306	-	4,841.77
<i>South, Hispanic, 2020</i>					
April	61	NaN	35	-	5,737.70

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
May	65	NaN	52	-	8,000.00
June	164	NaN	114	-	6,951.22
July	406	NaN	266	-	6,551.72
August	166	NaN	115	-	6,927.71
September	90	NaN	59	-	6,555.56
October	154	NaN	95	-	6,168.83
November	233	NaN	141	-	6,051.50
December	333	NaN	206	-	6,186.19
<i>South, Hispanic, 2021</i>					
January	331	NaN	203	-	6,132.93
February	162	NaN	105	-	6,481.48
March	84	NaN	52	-	6,190.48
<i>South, Not Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>South, Not Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>South, Unknown, 2020</i>					
April	350	NaN	203	-	5,800.00
May	221	NaN	127	-	5,746.61
June	441	NaN	271	-	6,145.12
July	1,893	NaN	1,119	-	5,911.25
August	1,175	NaN	694	-	5,906.38
September	779	NaN	454	-	5,827.98
October	1,088	NaN	613	-	5,634.19

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
November	1,912	NaN	1,032	-	5,397.49
December	3,184	NaN	1,734	-	5,445.98
<i>South, Unknown, 2021</i>					
January	3,168	NaN	1,677	-	5,293.56
February	1,440	NaN	815	-	5,659.72
March	954	NaN	532	-	5,576.52
<i>West, Hispanic, 2020</i>					
April	101	NaN	51	-	5,049.50
May	66	NaN	36	-	5,454.55
June	85	NaN	57	-	6,705.88
July	157	NaN	99	-	6,305.73
August	94	NaN	53	-	5,638.30
September	53	NaN	29	-	5,471.70
October	126	NaN	66	-	5,238.10
November	304	NaN	180	-	5,921.05
December	379	NaN	224	-	5,910.29
<i>West, Hispanic, 2021</i>					
January	255	NaN	136	-	5,333.33
February	94	NaN	44	-	4,680.85
March	68	NaN	37	-	5,441.18
<i>West, Not Hispanic, 2020</i>					
April	13	NaN	8	-	6,153.85
May	3	NaN	1	-	3,333.33
June	0	NaN	0	-	NaN
July	2	NaN	1	-	5,000.00
August	4	NaN	2	-	5,000.00
September	3	NaN	0	-	0
October	5	NaN	2	-	4,000.00
November	22	NaN	7	-	3,181.82
December	14	NaN	10	-	7,142.86
<i>West, Not Hispanic, 2021</i>					
January	7	NaN	6	-	8,571.43
February	4	NaN	3	-	7,500.00
March	6	NaN	2	-	3,333.33

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>West, Unknown, 2020</i>					
April	124	NaN	79	-	6,370.97
May	74	NaN	52	-	7,027.03
June	144	NaN	91	-	6,319.44
July	328	NaN	208	-	6,341.46
August	198	NaN	122	-	6,161.62
September	149	NaN	87	-	5,838.93
October	222	NaN	126	-	5,675.68
November	597	NaN	340	-	5,695.14
December	919	NaN	511	-	5,560.39
<i>West, Unknown, 2021</i>					
January	744	NaN	420	-	5,645.16
February	282	NaN	143	-	5,070.92
March	133	NaN	69	-	5,187.97
<i>CB Region (Invalid), Hispanic, 2020</i>					
April	1	NaN	1	-	10,000.00
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	1	NaN	1	-	10,000.00
November	0	NaN	0	-	NaN
December	2	NaN	0	-	0
<i>CB Region (Invalid), Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	1	NaN	0	-	0
<i>CB Region (Invalid), Not Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Invalid), Not Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Invalid), Unknown, 2020</i>					
April	0	NaN	0	-	NaN
May	1	NaN	1	-	10,000.00
June	1	NaN	0	-	0
July	3	NaN	2	-	6,666.67
August	4	NaN	1	-	2,500.00
September	2	NaN	0	-	0
October	3	NaN	2	-	6,666.67
November	6	NaN	3	-	5,000.00
December	4	NaN	2	-	5,000.00
<i>CB Region (Invalid), Unknown, 2021</i>					
January	4	NaN	1	-	2,500.00
February	4	NaN	1	-	2,500.00
March	1	NaN	0	-	0
<i>CB Region (Missing), Hispanic, 2020</i>					
April	1	NaN	1	-	10,000.00
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	2	NaN	0	-	0
August	1	NaN	1	-	10,000.00
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	6	NaN	4	-	6,666.67
December	4	NaN	2	-	5,000.00
<i>CB Region (Missing), Hispanic, 2021</i>					
January	3	NaN	2	-	6,666.67

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
February	0	NaN	0	-	NaN
March	1	NaN	0	-	0
<i>CB Region (Missing), Not Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	1	NaN	1	-	10,000.00
November	2	NaN	1	-	5,000.00
December	3	NaN	1	-	3,333.33
<i>CB Region (Missing), Not Hispanic, 2021</i>					
January	1	NaN	0	-	0
February	2	NaN	1	-	5,000.00
March	0	NaN	0	-	NaN
<i>CB Region (Missing), Unknown, 2020</i>					
April	7	NaN	4	-	5,714.29
May	2	NaN	0	-	0
June	6	NaN	1	-	1,666.67
July	6	NaN	2	-	3,333.33
August	2	NaN	1	-	5,000.00
September	3	NaN	1	-	3,333.33
October	5	NaN	2	-	4,000.00
November	10	NaN	6	-	6,000.00
December	25	NaN	11	-	4,400.00
<i>CB Region (Missing), Unknown, 2021</i>					
January	15	NaN	8	-	5,333.33
February	7	NaN	5	-	7,142.86
March	7	NaN	4	-	5,714.29
<i>CB Region (Other), Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Not Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), Not Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Unknown, 2020</i>					
April	2	NaN	1	-	5,000.00
May	1	NaN	0	-	0
June	0	NaN	0	-	NaN
July	3	NaN	3	-	10,000.00
August	15	NaN	12	-	8,000.00
September	9	NaN	8	-	8,888.89
October	21	NaN	10	-	4,761.90
November	18	NaN	8	-	4,444.44
December	7	NaN	5	-	7,142.86

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Other), Unknown, 2021</i>					
January	2	NaN	2	-	10,000.00
February	0	NaN	0	-	NaN
March	1	NaN	1	-	10,000.00
Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, Known Race					
<i>Midwest, Hispanic, 2020</i>					
April	6	NaN	5	-	8,333.33
May	4	NaN	2	-	5,000.00
June	7	NaN	3	-	4,285.71
July	6	NaN	2	-	3,333.33
August	5	NaN	0	-	0
September	4	NaN	2	-	5,000.00
October	8	NaN	2	-	2,500.00
November	23	NaN	8	-	3,478.26
December	9	NaN	4	-	4,444.44
<i>Midwest, Hispanic, 2021</i>					
January	10	NaN	6	-	6,000.00
February	3	NaN	1	-	3,333.33
March	4	NaN	2	-	5,000.00
<i>Midwest, Not Hispanic, 2020</i>					
April	895	NaN	522	-	5,832.40
May	610	NaN	329	-	5,393.44
June	319	NaN	180	-	5,642.63
July	544	NaN	309	-	5,680.15
August	577	NaN	316	-	5,476.60
September	678	NaN	335	-	4,941.00
October	1,585	NaN	814	-	5,135.65
November	3,638	NaN	1,756	-	4,826.83
December	3,121	NaN	1,561	-	5,001.60
<i>Midwest, Not Hispanic, 2021</i>					
January	1,917	NaN	958	-	4,997.39
February	697	NaN	324	-	4,648.49
March	558	NaN	267	-	4,784.95
<i>Midwest, Unknown, 2020</i>					

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
April	263	NaN	177	-	6,730.04
May	185	NaN	110	-	5,945.95
June	87	NaN	61	-	7,011.49
July	159	NaN	104	-	6,540.88
August	185	NaN	114	-	6,162.16
September	170	NaN	84	-	4,941.18
October	401	NaN	230	-	5,735.66
November	1,053	NaN	584	-	5,546.06
December	840	NaN	467	-	5,559.52
<i>Midwest, Unknown, 2021</i>					
January	558	NaN	318	-	5,698.92
February	244	NaN	138	-	5,655.74
March	208	NaN	118	-	5,673.08
<i>Northeast, Hispanic, 2020</i>					
April	14	NaN	10	-	7,142.86
May	3	NaN	1	-	3,333.33
June	4	NaN	0	-	0
July	1	NaN	0	-	0
August	3	NaN	2	-	6,666.67
September	0	NaN	0	-	NaN
October	1	NaN	0	-	0
November	7	NaN	3	-	4,285.71
December	10	NaN	3	-	3,000.00
<i>Northeast, Hispanic, 2021</i>					
January	11	NaN	5	-	4,545.45
February	7	NaN	3	-	4,285.71
March	7	NaN	3	-	4,285.71
<i>Northeast, Not Hispanic, 2020</i>					
April	282	NaN	131	-	4,645.39
May	99	NaN	49	-	4,949.49
June	51	NaN	25	-	4,901.96
July	41	NaN	24	-	5,853.66
August	42	NaN	21	-	5,000.00
September	28	NaN	19	-	6,785.71

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
October	82	NaN	46	-	5,609.76
November	280	NaN	162	-	5,785.71
December	530	NaN	265	-	5,000.00
<i>Northeast, Not Hispanic, 2021</i>					
January	474	NaN	226	-	4,767.93
February	219	NaN	100	-	4,566.21
March	170	NaN	72	-	4,235.29
<i>Northeast, Unknown, 2020</i>					
April	1,439	NaN	773	-	5,371.79
May	420	NaN	243	-	5,785.71
June	128	NaN	64	-	5,000.00
July	106	NaN	63	-	5,943.40
August	106	NaN	66	-	6,226.42
September	110	NaN	73	-	6,636.36
October	236	NaN	151	-	6,398.31
November	829	NaN	495	-	5,971.05
December	1,422	NaN	775	-	5,450.07
<i>Northeast, Unknown, 2021</i>					
January	1,194	NaN	601	-	5,033.50
February	638	NaN	307	-	4,811.91
March	595	NaN	275	-	4,621.85
<i>South, Hispanic, 2020</i>					
April	7	NaN	6	-	8,571.43
May	2	NaN	1	-	5,000.00
June	12	NaN	8	-	6,666.67
July	30	NaN	19	-	6,333.33
August	13	NaN	6	-	4,615.38
September	8	NaN	2	-	2,500.00
October	14	NaN	6	-	4,285.71
November	27	NaN	16	-	5,925.93
December	36	NaN	25	-	6,944.44
<i>South, Hispanic, 2021</i>					
January	37	NaN	23	-	6,216.22
February	16	NaN	8	-	5,000.00

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
March	7	NaN	2	-	2,857.14
<i>South, Not Hispanic, 2020</i>					
April	1,395	NaN	900	-	6,451.61
May	776	NaN	481	-	6,198.45
June	1,512	NaN	1,000	-	6,613.76
July	4,481	NaN	2,733	-	6,099.09
August	2,860	NaN	1,762	-	6,160.84
September	1,803	NaN	1,078	-	5,978.92
October	2,748	NaN	1,617	-	5,884.28
November	4,795	NaN	2,809	-	5,858.19
December	7,755	NaN	4,362	-	5,624.76
<i>South, Not Hispanic, 2021</i>					
January	7,442	NaN	4,078	-	5,479.71
February	3,160	NaN	1,844	-	5,835.44
March	1,687	NaN	994	-	5,892.12
<i>South, Unknown, 2020</i>					
April	332	NaN	210	-	6,325.30
May	250	NaN	160	-	6,400.00
June	410	NaN	265	-	6,463.41
July	1,036	NaN	635	-	6,129.34
August	652	NaN	390	-	5,981.60
September	411	NaN	247	-	6,009.73
October	675	NaN	415	-	6,148.15
November	1,146	NaN	637	-	5,558.46
December	1,961	NaN	1,078	-	5,497.20
<i>South, Unknown, 2021</i>					
January	1,989	NaN	1,081	-	5,434.89
February	836	NaN	469	-	5,610.05
March	531	NaN	278	-	5,235.40
<i>West, Hispanic, 2020</i>					
April	14	NaN	6	-	4,285.71
May	9	NaN	7	-	7,777.78
June	6	NaN	3	-	5,000.00
July	19	NaN	12	-	6,315.79

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
August	12	NaN	7	-	5,833.33
September	6	NaN	4	-	6,666.67
October	19	NaN	9	-	4,736.84
November	39	NaN	16	-	4,102.56
December	42	NaN	27	-	6,428.57
<i>West, Hispanic, 2021</i>					
January	32	NaN	12	-	3,750.00
February	9	NaN	5	-	5,555.56
March	15	NaN	5	-	3,333.33
<i>West, Not Hispanic, 2020</i>					
April	446	NaN	252	-	5,650.22
May	199	NaN	108	-	5,427.14
June	253	NaN	168	-	6,640.32
July	577	NaN	357	-	6,187.18
August	361	NaN	210	-	5,817.17
September	273	NaN	138	-	5,054.95
October	563	NaN	298	-	5,293.07
November	1,636	NaN	815	-	4,981.66
December	2,090	NaN	1,158	-	5,540.67
<i>West, Not Hispanic, 2021</i>					
January	1,536	NaN	838	-	5,455.73
February	627	NaN	321	-	5,119.62
March	334	NaN	166	-	4,970.06
<i>West, Unknown, 2020</i>					
April	75	NaN	46	-	6,133.33
May	45	NaN	26	-	5,777.78
June	76	NaN	55	-	7,236.84
July	185	NaN	127	-	6,864.86
August	73	NaN	40	-	5,479.45
September	50	NaN	32	-	6,400.00
October	91	NaN	50	-	5,494.51
November	275	NaN	160	-	5,818.18
December	478	NaN	291	-	6,087.87
<i>West, Unknown, 2021</i>					

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
January	400	NaN	242	-	6,050.00
February	127	NaN	69	-	5,433.07
March	57	NaN	30	-	5,263.16
<i>CB Region (Invalid), Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Invalid), Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	1	NaN	0	-	0
<i>CB Region (Invalid), Not Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	1	NaN	1	-	10,000.00
June	1	NaN	1	-	10,000.00
July	4	NaN	0	-	0
August	2	NaN	1	-	5,000.00
September	4	NaN	3	-	7,500.00
October	5	NaN	4	-	8,000.00
November	6	NaN	2	-	3,333.33
December	9	NaN	9	-	10,000.00
<i>CB Region (Invalid), Not Hispanic, 2021</i>					
January	5	NaN	3	-	6,000.00
February	1	NaN	1	-	10,000.00
March	3	NaN	3	-	10,000.00
<i>CB Region (Invalid), Unknown, 2020</i>					
April	3	NaN	2	-	6,666.67

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
May	0	NaN	0	-	NaN
June	1	NaN	1	-	10,000.00
July	2	NaN	0	-	0
August	3	NaN	1	-	3,333.33
September	0	NaN	0	-	NaN
October	4	NaN	2	-	5,000.00
November	4	NaN	1	-	2,500.00
December	1	NaN	0	-	0
<i>CB Region (Invalid), Unknown, 2021</i>					
January	3	NaN	2	-	6,666.67
February	3	NaN	0	-	0
March	0	NaN	0	-	NaN
<i>CB Region (Missing), Hispanic, 2020</i>					
April	2	NaN	1	-	5,000.00
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	1	NaN	1	-	10,000.00
August	2	NaN	1	-	5,000.00
September	1	NaN	1	-	10,000.00
October	1	NaN	1	-	10,000.00
November	3	NaN	2	-	6,666.67
December	3	NaN	1	-	3,333.33
<i>CB Region (Missing), Hispanic, 2021</i>					
January	4	NaN	1	-	2,500.00
February	2	NaN	1	-	5,000.00
March	0	NaN	0	-	NaN
<i>CB Region (Missing), Not Hispanic, 2020</i>					
April	40	NaN	33	-	8,250.00
May	21	NaN	13	-	6,190.48
June	12	NaN	7	-	5,833.33
July	11	NaN	7	-	6,363.64
August	10	NaN	4	-	4,000.00
September	10	NaN	5	-	5,000.00
October	22	NaN	12	-	5,454.55

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
November	45	NaN	32	-	7,111.11
December	57	NaN	25	-	4,385.96
<i>CB Region (Missing), Not Hispanic, 2021</i>					
January	52	NaN	33	-	6,346.15
February	25	NaN	14	-	5,600.00
March	16	NaN	5	-	3,125.00
<i>CB Region (Missing), Unknown, 2020</i>					
April	0	NaN	0	-	NaN
May	1	NaN	0	-	0
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	2	NaN	0	-	0
December	0	NaN	0	-	NaN
<i>CB Region (Missing), Unknown, 2021</i>					
January	1	NaN	0	-	0
February	0	NaN	0	-	NaN
March	2	NaN	2	-	10,000.00
<i>CB Region (Other), Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Other), Not Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), Not Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Unknown, 2020</i>					
April	1	NaN	0	-	0
May	1	NaN	1	-	10,000.00
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	2	NaN	2	-	10,000.00
October	10	NaN	6	-	6,000.00
November	5	NaN	5	-	10,000.00
December	3	NaN	3	-	10,000.00
<i>CB Region (Other), Unknown, 2021</i>					
January	1	NaN	1	-	10,000.00
February	1	NaN	1	-	10,000.00
March	1	NaN	1	-	10,000.00
Index = Hospitalized with COVID; Outcome = Hospitalized with Critical COVID, American Indian or Alas					
<i>Midwest, Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	1	NaN	0	-	0
June	1	NaN	1	-	10,000.00
July	0	NaN	0	-	NaN

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
August	1	NaN	0	-	0
September	0	NaN	0	-	NaN
October	1	NaN	0	-	0
November	5	NaN	0	-	0
December	1	NaN	1	-	10,000.00
<i>Midwest, Hispanic, 2021</i>					
January	1	NaN	1	-	10,000.00
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>Midwest, Not Hispanic, 2020</i>					
April	3	NaN	3	-	10,000.00
May	8	NaN	3	-	3,750.00
June	3	NaN	3	-	10,000.00
July	1	NaN	0	-	0
August	4	NaN	3	-	7,500.00
September	3	NaN	0	-	0
October	12	NaN	5	-	4,166.67
November	12	NaN	7	-	5,833.33
December	12	NaN	5	-	4,166.67
<i>Midwest, Not Hispanic, 2021</i>					
January	11	NaN	3	-	2,727.27
February	1	NaN	0	-	0
March	1	NaN	0	-	0
<i>Midwest, Unknown, 2020</i>					
April	1	NaN	1	-	10,000.00
May	1	NaN	1	-	10,000.00
June	0	NaN	0	-	NaN
July	1	NaN	0	-	0
August	1	NaN	1	-	10,000.00
September	1	NaN	0	-	0
October	1	NaN	1	-	10,000.00
November	8	NaN	5	-	6,250.00
December	7	NaN	3	-	4,285.71
<i>Midwest, Unknown, 2021</i>					

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
January	1	NaN	0	-	0
February	0	NaN	0	-	NaN
March	5	NaN	2	-	4,000.00
<i>Northeast, Hispanic, 2020</i>					
April	1	NaN	0	-	0
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>Northeast, Hispanic, 2021</i>					
January	1	NaN	0	-	0
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>Northeast, Not Hispanic, 2020</i>					
April	1	NaN	1	-	10,000.00
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	1	NaN	0	-	0
December	0	NaN	0	-	NaN
<i>Northeast, Not Hispanic, 2021</i>					
January	1	NaN	1	-	10,000.00
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>Northeast, Unknown, 2020</i>					
April	1	NaN	0	-	0
May	0	NaN	0	-	NaN

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	1	NaN	1	-	10,000.00
September	0	NaN	0	-	NaN
October	1	NaN	1	-	10,000.00
November	0	NaN	0	-	NaN
December	1	NaN	0	-	0
<i>Northeast, Unknown, 2021</i>					
January	1	NaN	1	-	10,000.00
February	1	NaN	0	-	0
March	3	NaN	2	-	6,666.67
<i>South, Hispanic, 2020</i>					
April	2	NaN	2	-	10,000.00
May	0	NaN	0	-	NaN
June	2	NaN	2	-	10,000.00
July	6	NaN	3	-	5,000.00
August	1	NaN	1	-	10,000.00
September	1	NaN	0	-	0
October	1	NaN	0	-	0
November	0	NaN	0	-	NaN
December	7	NaN	4	-	5,714.29
<i>South, Hispanic, 2021</i>					
January	10	NaN	6	-	6,000.00
February	1	NaN	0	-	0
March	0	NaN	0	-	NaN
<i>South, Not Hispanic, 2020</i>					
April	5	NaN	3	-	6,000.00
May	0	NaN	0	-	NaN
June	2	NaN	1	-	5,000.00
July	7	NaN	4	-	5,714.29
August	7	NaN	4	-	5,714.29
September	7	NaN	6	-	8,571.43
October	8	NaN	4	-	5,000.00
November	14	NaN	8	-	5,714.29

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
December	27	NaN	15	-	5,555.56
<i>South, Not Hispanic, 2021</i>					
January	36	NaN	22	-	6,111.11
February	7	NaN	2	-	2,857.14
March	5	NaN	4	-	8,000.00
<i>South, Unknown, 2020</i>					
April	3	NaN	2	-	6,666.67
May	2	NaN	2	-	10,000.00
June	1	NaN	1	-	10,000.00
July	3	NaN	2	-	6,666.67
August	3	NaN	1	-	3,333.33
September	1	NaN	0	-	0
October	6	NaN	4	-	6,666.67
November	4	NaN	2	-	5,000.00
December	7	NaN	5	-	7,142.86
<i>South, Unknown, 2021</i>					
January	7	NaN	4	-	5,714.29
February	3	NaN	3	-	10,000.00
March	0	NaN	0	-	NaN
<i>West, Hispanic, 2020</i>					
April	1	NaN	0	-	0
May	1	NaN	1	-	10,000.00
June	0	NaN	0	-	NaN
July	1	NaN	0	-	0
August	1	NaN	1	-	10,000.00
September	0	NaN	0	-	NaN
October	3	NaN	1	-	3,333.33
November	5	NaN	2	-	4,000.00
December	4	NaN	3	-	7,500.00
<i>West, Hispanic, 2021</i>					
January	5	NaN	2	-	4,000.00
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>West, Not Hispanic, 2020</i>					

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
April	9	NaN	6	-	6,666.67
May	9	NaN	4	-	4,444.44
June	5	NaN	3	-	6,000.00
July	11	NaN	9	-	8,181.82
August	5	NaN	3	-	6,000.00
September	6	NaN	4	-	6,666.67
October	12	NaN	6	-	5,000.00
November	34	NaN	19	-	5,588.24
December	39	NaN	21	-	5,384.62
<i>West, Not Hispanic, 2021</i>					
January	25	NaN	8	-	3,200.00
February	16	NaN	4	-	2,500.00
March	5	NaN	2	-	4,000.00
<i>West, Unknown, 2020</i>					
April	0	NaN	0	-	NaN
May	1	NaN	1	-	10,000.00
June	1	NaN	0	-	0
July	4	NaN	2	-	5,000.00
August	1	NaN	0	-	0
September	1	NaN	0	-	0
October	1	NaN	1	-	10,000.00
November	7	NaN	2	-	2,857.14
December	5	NaN	3	-	6,000.00
<i>West, Unknown, 2021</i>					
January	6	NaN	4	-	6,666.67
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Invalid), Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Invalid), Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Invalid), Not Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Invalid), Not Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Invalid), Unknown, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Invalid), Unknown, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
March	0	NaN	0	-	NaN
<i>CB Region (Missing), Hispanic, 2020</i>					
April	1	NaN	0	-	0
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	2	NaN	1	-	5,000.00
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Missing), Hispanic, 2021</i>					
January	1	NaN	0	-	0
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Missing), Not Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	1	NaN	1	-	10,000.00
July	0	NaN	0	-	NaN
August	1	NaN	0	-	0
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	1	NaN	1	-	10,000.00
<i>CB Region (Missing), Not Hispanic, 2021</i>					
January	1	NaN	0	-	0
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Missing), Unknown, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Missing), Unknown, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Not Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), Not Hispanic, 2021</i>					

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Unknown, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), Unknown, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, Asian					
<i>Midwest, Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	1	NaN	1	-	10,000.00
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	1	NaN	1	-	10,000.00
October	1	NaN	0	-	0
November	1	NaN	0	-	0
December	0	NaN	0	-	NaN
<i>Midwest, Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	2	NaN	0	-	0
<i>Midwest, Not Hispanic, 2020</i>					
April	19	NaN	11	-	5,789.47

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
May	26	NaN	14	-	5,384.62
June	8	NaN	3	-	3,750.00
July	4	NaN	1	-	2,500.00
August	16	NaN	5	-	3,125.00
September	14	NaN	7	-	5,000.00
October	27	NaN	14	-	5,185.19
November	77	NaN	30	-	3,896.10
December	55	NaN	28	-	5,090.91
<i>Midwest, Not Hispanic, 2021</i>					
January	28	NaN	12	-	4,285.71
February	12	NaN	7	-	5,833.33
March	13	NaN	5	-	3,846.15
<i>Midwest, Unknown, 2020</i>					
April	6	NaN	3	-	5,000.00
May	5	NaN	1	-	2,000.00
June	5	NaN	3	-	6,000.00
July	2	NaN	0	-	0
August	3	NaN	0	-	0
September	8	NaN	3	-	3,750.00
October	4	NaN	2	-	5,000.00
November	32	NaN	16	-	5,000.00
December	22	NaN	7	-	3,181.82
<i>Midwest, Unknown, 2021</i>					
January	10	NaN	5	-	5,000.00
February	8	NaN	4	-	5,000.00
March	13	NaN	9	-	6,923.08
<i>Northeast, Hispanic, 2020</i>					
April	2	NaN	1	-	5,000.00
May	1	NaN	1	-	10,000.00
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
November	3	NaN	1	-	3,333.33
December	0	NaN	0	-	NaN
<i>Northeast, Hispanic, 2021</i>					
January	2	NaN	1	-	5,000.00
February	3	NaN	0	-	0
March	2	NaN	1	-	5,000.00
<i>Northeast, Not Hispanic, 2020</i>					
April	9	NaN	5	-	5,555.56
May	4	NaN	2	-	5,000.00
June	0	NaN	0	-	NaN
July	1	NaN	1	-	10,000.00
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	7	NaN	5	-	7,142.86
December	9	NaN	5	-	5,555.56
<i>Northeast, Not Hispanic, 2021</i>					
January	7	NaN	3	-	4,285.71
February	4	NaN	2	-	5,000.00
March	2	NaN	1	-	5,000.00
<i>Northeast, Unknown, 2020</i>					
April	81	NaN	39	-	4,814.81
May	8	NaN	6	-	7,500.00
June	6	NaN	2	-	3,333.33
July	4	NaN	2	-	5,000.00
August	1	NaN	0	-	0
September	4	NaN	2	-	5,000.00
October	3	NaN	2	-	6,666.67
November	24	NaN	14	-	5,833.33
December	40	NaN	16	-	4,000.00
<i>Northeast, Unknown, 2021</i>					
January	44	NaN	20	-	4,545.45
February	31	NaN	10	-	3,225.81
March	21	NaN	10	-	4,761.90

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>South, Hispanic, 2020</i>					
April	1	NaN	1	-	10,000.00
May	0	NaN	0	-	NaN
June	4	NaN	3	-	7,500.00
July	6	NaN	5	-	8,333.33
August	0	NaN	0	-	NaN
September	2	NaN	1	-	5,000.00
October	3	NaN	0	-	0
November	3	NaN	2	-	6,666.67
December	8	NaN	7	-	8,750.00
<i>South, Hispanic, 2021</i>					
January	4	NaN	2	-	5,000.00
February	4	NaN	2	-	5,000.00
March	2	NaN	0	-	0
<i>South, Not Hispanic, 2020</i>					
April	8	NaN	5	-	6,250.00
May	7	NaN	6	-	8,571.43
June	11	NaN	9	-	8,181.82
July	29	NaN	24	-	8,275.86
August	18	NaN	12	-	6,666.67
September	5	NaN	5	-	10,000.00
October	16	NaN	9	-	5,625.00
November	29	NaN	17	-	5,862.07
December	55	NaN	34	-	6,181.82
<i>South, Not Hispanic, 2021</i>					
January	71	NaN	45	-	6,338.03
February	30	NaN	20	-	6,666.67
March	11	NaN	5	-	4,545.45
<i>South, Unknown, 2020</i>					
April	13	NaN	9	-	6,923.08
May	9	NaN	7	-	7,777.78
June	20	NaN	16	-	8,000.00
July	27	NaN	17	-	6,296.30

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
August	9	NaN	7	-	7,777.78
September	9	NaN	7	-	7,777.78
October	11	NaN	8	-	7,272.73
November	28	NaN	20	-	7,142.86
December	53	NaN	28	-	5,283.02
<i>South, Unknown, 2021</i>					
January	64	NaN	38	-	5,937.50
February	23	NaN	13	-	5,652.17
March	16	NaN	10	-	6,250.00
<i>West, Hispanic, 2020</i>					
April	2	NaN	0	-	0
May	3	NaN	2	-	6,666.67
June	3	NaN	1	-	3,333.33
July	2	NaN	2	-	10,000.00
August	2	NaN	1	-	5,000.00
September	0	NaN	0	-	NaN
October	3	NaN	2	-	6,666.67
November	3	NaN	1	-	3,333.33
December	4	NaN	4	-	10,000.00
<i>West, Hispanic, 2021</i>					
January	5	NaN	3	-	6,000.00
February	2	NaN	1	-	5,000.00
March	4	NaN	2	-	5,000.00
<i>West, Not Hispanic, 2020</i>					
April	28	NaN	17	-	6,071.43
May	11	NaN	4	-	3,636.36
June	9	NaN	5	-	5,555.56
July	34	NaN	15	-	4,411.76
August	20	NaN	10	-	5,000.00
September	12	NaN	7	-	5,833.33
October	25	NaN	18	-	7,200.00
November	92	NaN	45	-	4,891.30
December	114	NaN	67	-	5,877.19
<i>West, Not Hispanic, 2021</i>					

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
January	74	NaN	44	-	5,945.95
February	24	NaN	15	-	6,250.00
March	17	NaN	10	-	5,882.35
<i>West, Unknown, 2020</i>					
April	7	NaN	5	-	7,142.86
May	3	NaN	2	-	6,666.67
June	10	NaN	8	-	8,000.00
July	20	NaN	13	-	6,500.00
August	9	NaN	8	-	8,888.89
September	4	NaN	2	-	5,000.00
October	8	NaN	2	-	2,500.00
November	34	NaN	13	-	3,823.53
December	54	NaN	31	-	5,740.74
<i>West, Unknown, 2021</i>					
January	53	NaN	29	-	5,471.70
February	14	NaN	9	-	6,428.57
March	5	NaN	3	-	6,000.00
<i>CB Region (Invalid), Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Invalid), Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Invalid), Not Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	1	NaN	1	-	10,000.00
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Invalid), Not Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	1	NaN	1	-	10,000.00
<i>CB Region (Invalid), Unknown, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	1	NaN	0	-	0
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Invalid), Unknown, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Missing), Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	1	NaN	1	-	10,000.00

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
December	0	NaN	0	-	NaN
<i>CB Region (Missing), Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Missing), Not Hispanic, 2020</i>					
April	6	NaN	6	-	10,000.00
May	1	NaN	0	-	0
June	2	NaN	1	-	5,000.00
July	0	NaN	0	-	NaN
August	1	NaN	1	-	10,000.00
September	2	NaN	0	-	0
October	1	NaN	1	-	10,000.00
November	6	NaN	4	-	6,666.67
December	6	NaN	2	-	3,333.33
<i>CB Region (Missing), Not Hispanic, 2021</i>					
January	2	NaN	1	-	5,000.00
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Missing), Unknown, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	1	NaN	0	-	0
December	0	NaN	0	-	NaN
<i>CB Region (Missing), Unknown, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Hispanic, 2020</i>					

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Not Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), Not Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Unknown, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	1	NaN	1	-	10,000.00

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
October	3	NaN	2	-	6,666.67
November	1	NaN	1	-	10,000.00
December	1	NaN	1	-	10,000.00
<i>CB Region (Other), Unknown, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN

Index = Hospitalized with COVID; Outcome = Hospitalized with Critical COVID, Black or African Americ

Midwest, Hispanic, 2020

April	3	NaN	3	-	10,000.00
May	0	NaN	0	-	NaN
June	1	NaN	0	-	0
July	1	NaN	0	-	0
August	2	NaN	0	-	0
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	1	NaN	1	-	10,000.00
December	1	NaN	0	-	0

Midwest, Hispanic, 2021

January	2	NaN	1	-	5,000.00
February	1	NaN	1	-	10,000.00
March	0	NaN	0	-	NaN

Midwest, Not Hispanic, 2020

April	407	NaN	245	-	6,019.66
May	174	NaN	109	-	6,264.37
June	89	NaN	60	-	6,741.57
July	168	NaN	100	-	5,952.38
August	114	NaN	69	-	6,052.63
September	74	NaN	44	-	5,945.95
October	184	NaN	114	-	6,195.65
November	433	NaN	225	-	5,196.30
December	457	NaN	249	-	5,448.58

Midwest, Not Hispanic, 2021

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
January	266	NaN	148	-	5,563.91
February	85	NaN	34	-	4,000.00
March	87	NaN	42	-	4,827.59
<i>Midwest, Unknown, 2020</i>					
April	104	NaN	72	-	6,923.08
May	59	NaN	37	-	6,271.19
June	29	NaN	20	-	6,896.55
July	55	NaN	33	-	6,000.00
August	35	NaN	26	-	7,428.57
September	22	NaN	9	-	4,090.91
October	48	NaN	28	-	5,833.33
November	117	NaN	77	-	6,581.20
December	137	NaN	85	-	6,204.38
<i>Midwest, Unknown, 2021</i>					
January	66	NaN	47	-	7,121.21
February	37	NaN	20	-	5,405.41
March	21	NaN	11	-	5,238.10
<i>Northeast, Hispanic, 2020</i>					
April	5	NaN	4	-	8,000.00
May	0	NaN	0	-	NaN
June	2	NaN	0	-	0
July	0	NaN	0	-	NaN
August	1	NaN	0	-	0
September	0	NaN	0	-	NaN
October	1	NaN	0	-	0
November	1	NaN	0	-	0
December	3	NaN	1	-	3,333.33
<i>Northeast, Hispanic, 2021</i>					
January	3	NaN	2	-	6,666.67
February	2	NaN	1	-	5,000.00
March	0	NaN	0	-	NaN
<i>Northeast, Not Hispanic, 2020</i>					
April	97	NaN	46	-	4,742.27
May	25	NaN	13	-	5,200.00

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
June	12	NaN	9	-	7,500.00
July	10	NaN	5	-	5,000.00
August	8	NaN	4	-	5,000.00
September	1	NaN	1	-	10,000.00
October	12	NaN	9	-	7,500.00
November	56	NaN	38	-	6,785.71
December	80	NaN	42	-	5,250.00
<i>Northeast, Not Hispanic, 2021</i>					
January	70	NaN	33	-	4,714.29
February	40	NaN	19	-	4,750.00
March	45	NaN	21	-	4,666.67
<i>Northeast, Unknown, 2020</i>					
April	517	NaN	271	-	5,241.78
May	109	NaN	51	-	4,678.90
June	32	NaN	17	-	5,312.50
July	27	NaN	12	-	4,444.44
August	21	NaN	9	-	4,285.71
September	13	NaN	9	-	6,923.08
October	35	NaN	16	-	4,571.43
November	146	NaN	91	-	6,232.88
December	211	NaN	118	-	5,592.42
<i>Northeast, Unknown, 2021</i>					
January	193	NaN	92	-	4,766.84
February	144	NaN	70	-	4,861.11
March	124	NaN	49	-	3,951.61
<i>South, Hispanic, 2020</i>					
April	2	NaN	1	-	5,000.00
May	2	NaN	1	-	5,000.00
June	2	NaN	0	-	0
July	2	NaN	1	-	5,000.00
August	2	NaN	1	-	5,000.00
September	0	NaN	0	-	NaN
October	2	NaN	2	-	10,000.00
November	4	NaN	3	-	7,500.00

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
December	2	NaN	1	-	5,000.00
<i>South, Hispanic, 2021</i>					
January	5	NaN	4	-	8,000.00
February	4	NaN	3	-	7,500.00
March	0	NaN	0	-	NaN
<i>South, Not Hispanic, 2020</i>					
April	684	NaN	456	-	6,666.67
May	331	NaN	214	-	6,465.26
June	634	NaN	407	-	6,419.56
July	1,759	NaN	1,050	-	5,969.30
August	947	NaN	562	-	5,934.53
September	448	NaN	260	-	5,803.57
October	602	NaN	361	-	5,996.68
November	1,001	NaN	586	-	5,854.15
December	1,761	NaN	1,007	-	5,718.34
<i>South, Not Hispanic, 2021</i>					
January	1,988	NaN	1,107	-	5,568.41
February	935	NaN	528	-	5,647.06
March	469	NaN	285	-	6,076.76
<i>South, Unknown, 2020</i>					
April	147	NaN	89	-	6,054.42
May	95	NaN	60	-	6,315.79
June	151	NaN	90	-	5,960.26
July	341	NaN	204	-	5,982.40
August	184	NaN	108	-	5,869.57
September	105	NaN	62	-	5,904.76
October	160	NaN	99	-	6,187.50
November	225	NaN	130	-	5,777.78
December	419	NaN	245	-	5,847.26
<i>South, Unknown, 2021</i>					
January	426	NaN	226	-	5,305.16
February	206	NaN	122	-	5,922.33
March	136	NaN	76	-	5,588.24
<i>West, Hispanic, 2020</i>					

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
April	2	NaN	1	-	5,000.00
May	1	NaN	1	-	10,000.00
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	3	NaN	1	-	3,333.33
December	3	NaN	1	-	3,333.33
<i>West, Hispanic, 2021</i>					
January	1	NaN	0	-	0
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>West, Not Hispanic, 2020</i>					
April	70	NaN	38	-	5,428.57
May	17	NaN	12	-	7,058.82
June	24	NaN	17	-	7,083.33
July	54	NaN	29	-	5,370.37
August	41	NaN	23	-	5,609.76
September	10	NaN	9	-	9,000.00
October	32	NaN	14	-	4,375.00
November	118	NaN	51	-	4,322.03
December	139	NaN	80	-	5,755.40
<i>West, Not Hispanic, 2021</i>					
January	97	NaN	48	-	4,948.45
February	47	NaN	25	-	5,319.15
March	27	NaN	13	-	4,814.81
<i>West, Unknown, 2020</i>					
April	9	NaN	7	-	7,777.78
May	3	NaN	2	-	6,666.67
June	5	NaN	2	-	4,000.00
July	21	NaN	16	-	7,619.05
August	6	NaN	2	-	3,333.33
September	2	NaN	2	-	10,000.00

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
October	6	NaN	2	-	3,333.33
November	13	NaN	3	-	2,307.69
December	30	NaN	17	-	5,666.67
<i>West, Unknown, 2021</i>					
January	23	NaN	16	-	6,956.52
February	15	NaN	7	-	4,666.67
March	6	NaN	2	-	3,333.33
<i>CB Region (Invalid), Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Invalid), Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Invalid), Not Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	1	NaN	0	-	0
August	0	NaN	0	-	NaN
September	1	NaN	0	-	0
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Invalid), Not Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
March	0	NaN	0	-	NaN
<i>CB Region (Invalid), Unknown, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	1	NaN	0	-	0
August	2	NaN	1	-	5,000.00
September	0	NaN	0	-	NaN
October	1	NaN	1	-	10,000.00
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Invalid), Unknown, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Missing), Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Missing), Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Missing), Not Hispanic, 2020</i>					
April	8	NaN	7	-	8,750.00
May	4	NaN	2	-	5,000.00
June	0	NaN	0	-	NaN
July	1	NaN	0	-	0

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
August	2	NaN	1	-	5,000.00
September	0	NaN	0	-	NaN
October	1	NaN	0	-	0
November	4	NaN	4	-	10,000.00
December	6	NaN	5	-	8,333.33
<i>CB Region (Missing), Not Hispanic, 2021</i>					
January	3	NaN	2	-	6,666.67
February	2	NaN	2	-	10,000.00
March	2	NaN	0	-	0
<i>CB Region (Missing), Unknown, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Missing), Unknown, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), Hispanic, 2021</i>					

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Not Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), Not Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Unknown, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), Unknown, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN

Index = Hospitalized with COVID; Outcome = Hospitalized with Critical COVID, Native Hawaiian or Othe

Midwest, Hispanic, 2020

April	0	NaN	0	-	NaN
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Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>Midwest, Hispanic, 2021</i>					
January	1	NaN	0	-	0
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>Midwest, Not Hispanic, 2020</i>					
April	10	NaN	7	-	7,000.00
May	12	NaN	4	-	3,333.33
June	7	NaN	5	-	7,142.86
July	9	NaN	6	-	6,666.67
August	6	NaN	3	-	5,000.00
September	5	NaN	4	-	8,000.00
October	12	NaN	6	-	5,000.00
November	49	NaN	23	-	4,693.88
December	49	NaN	26	-	5,306.12
<i>Midwest, Not Hispanic, 2021</i>					
January	25	NaN	17	-	6,800.00
February	11	NaN	6	-	5,454.55
March	6	NaN	3	-	5,000.00
<i>Midwest, Unknown, 2020</i>					
April	1	NaN	1	-	10,000.00
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	1	NaN	1	-	10,000.00
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
November	3	NaN	0	-	0
December	0	NaN	0	-	NaN
<i>Midwest, Unknown, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	1	NaN	1	-	10,000.00
<i>Northeast, Hispanic, 2020</i>					
April	1	NaN	0	-	0
May	1	NaN	0	-	0
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>Northeast, Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>Northeast, Not Hispanic, 2020</i>					
April	13	NaN	7	-	5,384.62
May	1	NaN	0	-	0
June	2	NaN	0	-	0
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	2	NaN	2	-	10,000.00
October	3	NaN	1	-	3,333.33
November	3	NaN	1	-	3,333.33
December	7	NaN	4	-	5,714.29
<i>Northeast, Not Hispanic, 2021</i>					
January	11	NaN	5	-	4,545.45
February	8	NaN	5	-	6,250.00
March	6	NaN	0	-	0

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>Northeast, Unknown, 2020</i>					
April	1	NaN	1	-	10,000.00
May	1	NaN	1	-	10,000.00
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	1	NaN	0	-	0
November	1	NaN	1	-	10,000.00
December	3	NaN	0	-	0
<i>Northeast, Unknown, 2021</i>					
January	3	NaN	3	-	10,000.00
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>South, Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	1	NaN	1	-	10,000.00
December	0	NaN	0	-	NaN
<i>South, Hispanic, 2021</i>					
January	1	NaN	1	-	10,000.00
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>South, Not Hispanic, 2020</i>					
April	11	NaN	9	-	8,181.82
May	13	NaN	8	-	6,153.85
June	19	NaN	9	-	4,736.84
July	74	NaN	55	-	7,432.43
August	38	NaN	22	-	5,789.47

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
September	18	NaN	12	-	6,666.67
October	20	NaN	13	-	6,500.00
November	36	NaN	24	-	6,666.67
December	78	NaN	48	-	6,153.85
<i>South, Not Hispanic, 2021</i>					
January	90	NaN	51	-	5,666.67
February	25	NaN	12	-	4,800.00
March	21	NaN	13	-	6,190.48
<i>South, Unknown, 2020</i>					
April	1	NaN	1	-	10,000.00
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	1	NaN	0	-	0
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	1	NaN	0	-	0
December	1	NaN	1	-	10,000.00
<i>South, Unknown, 2021</i>					
January	1	NaN	1	-	10,000.00
February	1	NaN	1	-	10,000.00
March	0	NaN	0	-	NaN
<i>West, Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	2	NaN	2	-	10,000.00
August	1	NaN	1	-	10,000.00
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	2	NaN	1	-	5,000.00
December	2	NaN	1	-	5,000.00
<i>West, Hispanic, 2021</i>					
January	1	NaN	0	-	0

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>West, Not Hispanic, 2020</i>					
April	7	NaN	5	-	7,142.86
May	7	NaN	1	-	1,428.57
June	15	NaN	9	-	6,000.00
July	25	NaN	15	-	6,000.00
August	18	NaN	12	-	6,666.67
September	10	NaN	3	-	3,000.00
October	18	NaN	12	-	6,666.67
November	42	NaN	31	-	7,380.95
December	79	NaN	41	-	5,189.87
<i>West, Not Hispanic, 2021</i>					
January	68	NaN	44	-	6,470.59
February	13	NaN	8	-	6,153.85
March	4	NaN	1	-	2,500.00
<i>West, Unknown, 2020</i>					
April	0	NaN	0	-	NaN
May	3	NaN	1	-	3,333.33
June	2	NaN	1	-	5,000.00
July	1	NaN	0	-	0
August	2	NaN	2	-	10,000.00
September	1	NaN	1	-	10,000.00
October	0	NaN	0	-	NaN
November	3	NaN	2	-	6,666.67
December	2	NaN	1	-	5,000.00
<i>West, Unknown, 2021</i>					
January	6	NaN	5	-	8,333.33
February	1	NaN	0	-	0
March	0	NaN	0	-	NaN
<i>CB Region (Invalid), Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Invalid), Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Invalid), Not Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Invalid), Not Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Invalid), Unknown, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	1	NaN	0	-	0
December	0	NaN	0	-	NaN

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Invalid), Unknown, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Missing), Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Missing), Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Missing), Not Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	3	NaN	2	-	6,666.67
December	1	NaN	1	-	10,000.00
<i>CB Region (Missing), Not Hispanic, 2021</i>					
January	4	NaN	2	-	5,000.00
February	2	NaN	2	-	10,000.00
March	1	NaN	1	-	10,000.00
<i>CB Region (Missing), Unknown, 2020</i>					

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Missing), Unknown, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Not Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), Not Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Unknown, 2020</i>					
April	1	NaN	0	-	0
May	1	NaN	1	-	10,000.00
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	1	NaN	1	-	10,000.00
October	7	NaN	4	-	5,714.29
November	4	NaN	4	-	10,000.00
December	2	NaN	2	-	10,000.00
<i>CB Region (Other), Unknown, 2021</i>					
January	0	NaN	0	-	NaN
February	1	NaN	1	-	10,000.00
March	1	NaN	1	-	10,000.00
Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, White					
<i>Midwest, Hispanic, 2020</i>					
April	3	NaN	2	-	6,666.67
May	3	NaN	2	-	6,666.67
June	4	NaN	1	-	2,500.00
July	5	NaN	2	-	4,000.00
August	2	NaN	0	-	0
September	3	NaN	1	-	3,333.33
October	6	NaN	2	-	3,333.33
November	16	NaN	7	-	4,375.00
December	7	NaN	3	-	4,285.71
<i>Midwest, Hispanic, 2021</i>					
January	6	NaN	4	-	6,666.67

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
February	2	NaN	0	-	0
March	2	NaN	2	-	10,000.00
<i>Midwest, Not Hispanic, 2020</i>					
April	456	NaN	256	-	5,614.04
May	390	NaN	199	-	5,102.56
June	212	NaN	109	-	5,141.51
July	362	NaN	202	-	5,580.11
August	437	NaN	236	-	5,400.46
September	582	NaN	280	-	4,811.00
October	1,350	NaN	675	-	5,000.00
November	3,067	NaN	1,471	-	4,796.22
December	2,548	NaN	1,253	-	4,917.58
<i>Midwest, Not Hispanic, 2021</i>					
January	1,587	NaN	778	-	4,902.33
February	588	NaN	277	-	4,710.88
March	451	NaN	217	-	4,811.53
<i>Midwest, Unknown, 2020</i>					
April	151	NaN	100	-	6,622.52
May	120	NaN	71	-	5,916.67
June	53	NaN	38	-	7,169.81
July	101	NaN	71	-	7,029.70
August	145	NaN	86	-	5,931.03
September	139	NaN	72	-	5,179.86
October	348	NaN	199	-	5,718.39
November	893	NaN	486	-	5,442.33
December	674	NaN	372	-	5,519.29
<i>Midwest, Unknown, 2021</i>					
January	481	NaN	266	-	5,530.15
February	199	NaN	114	-	5,728.64
March	168	NaN	95	-	5,654.76
<i>Northeast, Hispanic, 2020</i>					
April	5	NaN	5	-	10,000.00
May	1	NaN	0	-	0
June	2	NaN	0	-	0

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
July	1	NaN	0	-	0
August	2	NaN	2	-	10,000.00
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	3	NaN	2	-	6,666.67
December	7	NaN	2	-	2,857.14
<i>Northeast, Hispanic, 2021</i>					
January	5	NaN	2	-	4,000.00
February	2	NaN	2	-	10,000.00
March	5	NaN	2	-	4,000.00
<i>Northeast, Not Hispanic, 2020</i>					
April	162	NaN	72	-	4,444.44
May	69	NaN	34	-	4,927.54
June	37	NaN	16	-	4,324.32
July	30	NaN	18	-	6,000.00
August	34	NaN	17	-	5,000.00
September	25	NaN	16	-	6,400.00
October	67	NaN	36	-	5,373.13
November	213	NaN	118	-	5,539.91
December	434	NaN	214	-	4,930.88
<i>Northeast, Not Hispanic, 2021</i>					
January	385	NaN	184	-	4,779.22
February	167	NaN	74	-	4,431.14
March	117	NaN	50	-	4,273.50
<i>Northeast, Unknown, 2020</i>					
April	839	NaN	462	-	5,506.56
May	302	NaN	185	-	6,125.83
June	90	NaN	45	-	5,000.00
July	75	NaN	49	-	6,533.33
August	83	NaN	56	-	6,746.99
September	93	NaN	62	-	6,666.67
October	196	NaN	132	-	6,734.69
November	658	NaN	389	-	5,911.85
December	1,167	NaN	641	-	5,492.72

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>Northeast, Unknown, 2021</i>					
January	953	NaN	485	-	5,089.19
February	462	NaN	227	-	4,913.42
March	447	NaN	214	-	4,787.47
<i>South, Hispanic, 2020</i>					
April	2	NaN	2	-	10,000.00
May	0	NaN	0	-	NaN
June	4	NaN	3	-	7,500.00
July	16	NaN	10	-	6,250.00
August	10	NaN	4	-	4,000.00
September	5	NaN	1	-	2,000.00
October	8	NaN	4	-	5,000.00
November	19	NaN	10	-	5,263.16
December	19	NaN	13	-	6,842.11
<i>South, Hispanic, 2021</i>					
January	17	NaN	10	-	5,882.35
February	7	NaN	3	-	4,285.71
March	5	NaN	2	-	4,000.00
<i>South, Not Hispanic, 2020</i>					
April	687	NaN	427	-	6,215.43
May	425	NaN	253	-	5,952.94
June	846	NaN	574	-	6,784.87
July	2,612	NaN	1,600	-	6,125.57
August	1,850	NaN	1,162	-	6,281.08
September	1,325	NaN	795	-	6,000.00
October	2,102	NaN	1,230	-	5,851.57
November	3,715	NaN	2,174	-	5,851.95
December	5,834	NaN	3,258	-	5,584.50
<i>South, Not Hispanic, 2021</i>					
January	5,257	NaN	2,853	-	5,427.05
February	2,163	NaN	1,282	-	5,926.95
March	1,181	NaN	687	-	5,817.10
<i>South, Unknown, 2020</i>					
April	168	NaN	109	-	6,488.10

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
May	144	NaN	91	-	6,319.44
June	238	NaN	158	-	6,638.66
July	664	NaN	412	-	6,204.82
August	456	NaN	274	-	6,008.77
September	296	NaN	178	-	6,013.51
October	498	NaN	304	-	6,104.42
November	888	NaN	485	-	5,461.71
December	1,481	NaN	799	-	5,395.00
<i>South, Unknown, 2021</i>					
January	1,491	NaN	812	-	5,446.01
February	603	NaN	330	-	5,472.64
March	379	NaN	192	-	5,065.96
<i>West, Hispanic, 2020</i>					
April	9	NaN	5	-	5,555.56
May	4	NaN	3	-	7,500.00
June	3	NaN	2	-	6,666.67
July	14	NaN	8	-	5,714.29
August	8	NaN	4	-	5,000.00
September	6	NaN	4	-	6,666.67
October	13	NaN	6	-	4,615.38
November	26	NaN	11	-	4,230.77
December	29	NaN	18	-	6,206.90
<i>West, Hispanic, 2021</i>					
January	20	NaN	7	-	3,500.00
February	7	NaN	4	-	5,714.29
March	11	NaN	3	-	2,727.27
<i>West, Not Hispanic, 2020</i>					
April	332	NaN	186	-	5,602.41
May	155	NaN	87	-	5,612.90
June	200	NaN	134	-	6,700.00
July	453	NaN	289	-	6,379.69
August	277	NaN	162	-	5,848.38
September	235	NaN	115	-	4,893.62
October	476	NaN	248	-	5,210.08

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
November	1,350	NaN	669	-	4,955.56
December	1,719	NaN	949	-	5,520.65
<i>West, Not Hispanic, 2021</i>					
January	1,272	NaN	694	-	5,455.97
February	527	NaN	269	-	5,104.36
March	281	NaN	140	-	4,982.21
<i>West, Unknown, 2020</i>					
April	59	NaN	34	-	5,762.71
May	35	NaN	20	-	5,714.29
June	58	NaN	44	-	7,586.21
July	139	NaN	96	-	6,906.47
August	55	NaN	28	-	5,090.91
September	42	NaN	27	-	6,428.57
October	76	NaN	45	-	5,921.05
November	218	NaN	140	-	6,422.02
December	387	NaN	239	-	6,175.71
<i>West, Unknown, 2021</i>					
January	312	NaN	188	-	6,025.64
February	97	NaN	53	-	5,463.92
March	46	NaN	25	-	5,434.78
<i>CB Region (Invalid), Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Invalid), Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	1	NaN	0	-	0

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Invalid), Not Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	1	NaN	1	-	10,000.00
June	1	NaN	1	-	10,000.00
July	3	NaN	0	-	0
August	2	NaN	1	-	5,000.00
September	2	NaN	2	-	10,000.00
October	5	NaN	4	-	8,000.00
November	6	NaN	2	-	3,333.33
December	9	NaN	9	-	10,000.00
<i>CB Region (Invalid), Not Hispanic, 2021</i>					
January	5	NaN	3	-	6,000.00
February	1	NaN	1	-	10,000.00
March	2	NaN	2	-	10,000.00
<i>CB Region (Invalid), Unknown, 2020</i>					
April	3	NaN	2	-	6,666.67
May	0	NaN	0	-	NaN
June	1	NaN	1	-	10,000.00
July	1	NaN	0	-	0
August	1	NaN	0	-	0
September	0	NaN	0	-	NaN
October	2	NaN	1	-	5,000.00
November	3	NaN	1	-	3,333.33
December	1	NaN	0	-	0
<i>CB Region (Invalid), Unknown, 2021</i>					
January	3	NaN	2	-	6,666.67
February	3	NaN	0	-	0
March	0	NaN	0	-	NaN
<i>CB Region (Missing), Hispanic, 2020</i>					
April	1	NaN	1	-	10,000.00
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	1	NaN	1	-	10,000.00
August	0	NaN	0	-	NaN

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
September	1	NaN	1	-	10,000.00
October	1	NaN	1	-	10,000.00
November	2	NaN	1	-	5,000.00
December	3	NaN	1	-	3,333.33
<i>CB Region (Missing), Hispanic, 2021</i>					
January	3	NaN	1	-	3,333.33
February	2	NaN	1	-	5,000.00
March	0	NaN	0	-	NaN
<i>CB Region (Missing), Not Hispanic, 2020</i>					
April	26	NaN	20	-	7,692.31
May	16	NaN	11	-	6,875.00
June	9	NaN	5	-	5,555.56
July	10	NaN	7	-	7,000.00
August	6	NaN	2	-	3,333.33
September	8	NaN	5	-	6,250.00
October	20	NaN	11	-	5,500.00
November	32	NaN	22	-	6,875.00
December	43	NaN	16	-	3,720.93
<i>CB Region (Missing), Not Hispanic, 2021</i>					
January	42	NaN	28	-	6,666.67
February	21	NaN	10	-	4,761.90
March	13	NaN	4	-	3,076.92
<i>CB Region (Missing), Unknown, 2020</i>					
April	0	NaN	0	-	NaN
May	1	NaN	0	-	0
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	1	NaN	0	-	0
December	0	NaN	0	-	NaN
<i>CB Region (Missing), Unknown, 2021</i>					
January	1	NaN	0	-	0

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
February	0	NaN	0	-	NaN
March	2	NaN	2	-	10,000.00
<i>CB Region (Other), Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Not Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), Not Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Unknown, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), Unknown, 2021</i>					
January	1	NaN	1	-	10,000.00
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
Index = Hospitalized with Critical COVID: Outcome = None, Overall Race					
<i>Midwest, Hispanic, 2020</i>					
April	34	NaN	N/A	-	N/A
May	30	NaN	N/A	-	N/A
June	15	NaN	N/A	-	N/A
July	11	NaN	N/A	-	N/A
August	13	NaN	N/A	-	N/A
September	16	NaN	N/A	-	N/A
October	28	NaN	N/A	-	N/A
November	62	NaN	N/A	-	N/A
December	47	NaN	N/A	-	N/A
<i>Midwest, Hispanic, 2021</i>					
January	33	NaN	N/A	-	N/A
February	10	NaN	N/A	-	N/A
March	6	NaN	N/A	-	N/A
<i>Midwest, Not Hispanic, 2020</i>					
April	516	NaN	N/A	-	N/A
May	330	NaN	N/A	-	N/A
June	179	NaN	N/A	-	N/A
July	303	NaN	N/A	-	N/A
August	318	NaN	N/A	-	N/A
September	332	NaN	N/A	-	N/A
October	800	NaN	N/A	-	N/A
November	1,724	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
December	1,580	NaN	N/A	-	N/A
<i>Midwest, Not Hispanic, 2021</i>					
January	981	NaN	N/A	-	N/A
February	337	NaN	N/A	-	N/A
March	276	NaN	N/A	-	N/A
<i>Midwest, Unknown, 2020</i>					
April	286	NaN	N/A	-	N/A
May	195	NaN	N/A	-	N/A
June	105	NaN	N/A	-	N/A
July	338	NaN	N/A	-	N/A
August	312	NaN	N/A	-	N/A
September	365	NaN	N/A	-	N/A
October	743	NaN	N/A	-	N/A
November	1,722	NaN	N/A	-	N/A
December	1,518	NaN	N/A	-	N/A
<i>Midwest, Unknown, 2021</i>					
January	1,021	NaN	N/A	-	N/A
February	468	NaN	N/A	-	N/A
March	355	NaN	N/A	-	N/A
<i>Northeast, Hispanic, 2020</i>					
April	69	NaN	N/A	-	N/A
May	11	NaN	N/A	-	N/A
June	1	NaN	N/A	-	N/A
July	5	NaN	N/A	-	N/A
August	4	NaN	N/A	-	N/A
September	6	NaN	N/A	-	N/A
October	11	NaN	N/A	-	N/A
November	31	NaN	N/A	-	N/A
December	47	NaN	N/A	-	N/A
<i>Northeast, Hispanic, 2021</i>					
January	31	NaN	N/A	-	N/A
February	28	NaN	N/A	-	N/A
March	14	NaN	N/A	-	N/A
<i>Northeast, Not Hispanic, 2020</i>					

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
April	130	NaN	N/A	-	N/A
May	50	NaN	N/A	-	N/A
June	22	NaN	N/A	-	N/A
July	24	NaN	N/A	-	N/A
August	21	NaN	N/A	-	N/A
September	20	NaN	N/A	-	N/A
October	46	NaN	N/A	-	N/A
November	162	NaN	N/A	-	N/A
December	263	NaN	N/A	-	N/A
<i>Northeast, Not Hispanic, 2021</i>					
January	220	NaN	N/A	-	N/A
February	108	NaN	N/A	-	N/A
March	74	NaN	N/A	-	N/A
<i>Northeast, Unknown, 2020</i>					
April	1,055	NaN	N/A	-	N/A
May	343	NaN	N/A	-	N/A
June	93	NaN	N/A	-	N/A
July	171	NaN	N/A	-	N/A
August	157	NaN	N/A	-	N/A
September	154	NaN	N/A	-	N/A
October	325	NaN	N/A	-	N/A
November	1,032	NaN	N/A	-	N/A
December	1,682	NaN	N/A	-	N/A
<i>Northeast, Unknown, 2021</i>					
January	1,221	NaN	N/A	-	N/A
February	589	NaN	N/A	-	N/A
March	606	NaN	N/A	-	N/A
<i>South, Hispanic, 2020</i>					
April	41	NaN	N/A	-	N/A
May	52	NaN	N/A	-	N/A
June	121	NaN	N/A	-	N/A
July	280	NaN	N/A	-	N/A
August	122	NaN	N/A	-	N/A
September	59	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
October	104	NaN	N/A	-	N/A
November	158	NaN	N/A	-	N/A
December	229	NaN	N/A	-	N/A
<i>South, Hispanic, 2021</i>					
January	226	NaN	N/A	-	N/A
February	113	NaN	N/A	-	N/A
March	60	NaN	N/A	-	N/A
<i>South, Not Hispanic, 2020</i>					
April	886	NaN	N/A	-	N/A
May	481	NaN	N/A	-	N/A
June	977	NaN	N/A	-	N/A
July	2,695	NaN	N/A	-	N/A
August	1,790	NaN	N/A	-	N/A
September	1,087	NaN	N/A	-	N/A
October	1,598	NaN	N/A	-	N/A
November	2,780	NaN	N/A	-	N/A
December	4,332	NaN	N/A	-	N/A
<i>South, Not Hispanic, 2021</i>					
January	4,099	NaN	N/A	-	N/A
February	1,880	NaN	N/A	-	N/A
March	1,053	NaN	N/A	-	N/A
<i>South, Unknown, 2020</i>					
April	407	NaN	N/A	-	N/A
May	284	NaN	N/A	-	N/A
June	529	NaN	N/A	-	N/A
July	1,725	NaN	N/A	-	N/A
August	1,089	NaN	N/A	-	N/A
September	710	NaN	N/A	-	N/A
October	1,022	NaN	N/A	-	N/A
November	1,652	NaN	N/A	-	N/A
December	2,765	NaN	N/A	-	N/A
<i>South, Unknown, 2021</i>					
January	2,780	NaN	N/A	-	N/A
February	1,309	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
March	864	NaN	N/A	-	N/A
<i>West, Hispanic, 2020</i>					
April	56	NaN	N/A	-	N/A
May	43	NaN	N/A	-	N/A
June	60	NaN	N/A	-	N/A
July	111	NaN	N/A	-	N/A
August	61	NaN	N/A	-	N/A
September	33	NaN	N/A	-	N/A
October	73	NaN	N/A	-	N/A
November	193	NaN	N/A	-	N/A
December	251	NaN	N/A	-	N/A
<i>West, Hispanic, 2021</i>					
January	152	NaN	N/A	-	N/A
February	50	NaN	N/A	-	N/A
March	42	NaN	N/A	-	N/A
<i>West, Not Hispanic, 2020</i>					
April	256	NaN	N/A	-	N/A
May	109	NaN	N/A	-	N/A
June	164	NaN	N/A	-	N/A
July	358	NaN	N/A	-	N/A
August	213	NaN	N/A	-	N/A
September	142	NaN	N/A	-	N/A
October	289	NaN	N/A	-	N/A
November	808	NaN	N/A	-	N/A
December	1,168	NaN	N/A	-	N/A
<i>West, Not Hispanic, 2021</i>					
January	855	NaN	N/A	-	N/A
February	331	NaN	N/A	-	N/A
March	178	NaN	N/A	-	N/A
<i>West, Unknown, 2020</i>					
April	124	NaN	N/A	-	N/A
May	79	NaN	N/A	-	N/A
June	145	NaN	N/A	-	N/A
July	333	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
August	163	NaN	N/A	-	N/A
September	120	NaN	N/A	-	N/A
October	173	NaN	N/A	-	N/A
November	491	NaN	N/A	-	N/A
December	796	NaN	N/A	-	N/A
<i>West, Unknown, 2021</i>					
January	666	NaN	N/A	-	N/A
February	217	NaN	N/A	-	N/A
March	109	NaN	N/A	-	N/A
<i>CB Region (Invalid), Hispanic, 2020</i>					
April	1	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	1	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), Hispanic, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), Not Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	1	NaN	N/A	-	N/A
June	1	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	1	NaN	N/A	-	N/A
September	3	NaN	N/A	-	N/A
October	4	NaN	N/A	-	N/A
November	2	NaN	N/A	-	N/A
December	8	NaN	N/A	-	N/A
<i>CB Region (Invalid), Not Hispanic, 2021</i>					

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
January	4	NaN	N/A	-	N/A
February	1	NaN	N/A	-	N/A
March	3	NaN	N/A	-	N/A
<i>CB Region (Invalid), Unknown, 2020</i>					
April	2	NaN	N/A	-	N/A
May	1	NaN	N/A	-	N/A
June	1	NaN	N/A	-	N/A
July	2	NaN	N/A	-	N/A
August	2	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	4	NaN	N/A	-	N/A
November	4	NaN	N/A	-	N/A
December	2	NaN	N/A	-	N/A
<i>CB Region (Invalid), Unknown, 2021</i>					
January	3	NaN	N/A	-	N/A
February	1	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Missing), Hispanic, 2020</i>					
April	2	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	1	NaN	N/A	-	N/A
August	2	NaN	N/A	-	N/A
September	1	NaN	N/A	-	N/A
October	1	NaN	N/A	-	N/A
November	6	NaN	N/A	-	N/A
December	3	NaN	N/A	-	N/A
<i>CB Region (Missing), Hispanic, 2021</i>					
January	3	NaN	N/A	-	N/A
February	1	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Missing), Not Hispanic, 2020</i>					
April	33	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
May	13	NaN	N/A	-	N/A
June	7	NaN	N/A	-	N/A
July	7	NaN	N/A	-	N/A
August	4	NaN	N/A	-	N/A
September	5	NaN	N/A	-	N/A
October	13	NaN	N/A	-	N/A
November	33	NaN	N/A	-	N/A
December	26	NaN	N/A	-	N/A
<i>CB Region (Missing), Not Hispanic, 2021</i>					
January	33	NaN	N/A	-	N/A
February	15	NaN	N/A	-	N/A
March	5	NaN	N/A	-	N/A
<i>CB Region (Missing), Unknown, 2020</i>					
April	4	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	1	NaN	N/A	-	N/A
July	2	NaN	N/A	-	N/A
August	1	NaN	N/A	-	N/A
September	1	NaN	N/A	-	N/A
October	2	NaN	N/A	-	N/A
November	6	NaN	N/A	-	N/A
December	11	NaN	N/A	-	N/A
<i>CB Region (Missing), Unknown, 2021</i>					
January	7	NaN	N/A	-	N/A
February	6	NaN	N/A	-	N/A
March	6	NaN	N/A	-	N/A
<i>CB Region (Other), Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Other), Hispanic, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Other), Not Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Other), Not Hispanic, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Other), Unknown, 2020</i>					
April	1	NaN	N/A	-	N/A
May	1	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	3	NaN	N/A	-	N/A
August	12	NaN	N/A	-	N/A
September	10	NaN	N/A	-	N/A
October	16	NaN	N/A	-	N/A
November	13	NaN	N/A	-	N/A
December	8	NaN	N/A	-	N/A
<i>CB Region (Other), Unknown, 2021</i>					
January	3	NaN	N/A	-	N/A
February	1	NaN	N/A	-	N/A
March	2	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
Index = Hospitalized with Critical COVID: Outcome = None, Unknown Race					
<i>Midwest, Hispanic, 2020</i>					
April	29	NaN	N/A	-	N/A
May	28	NaN	N/A	-	N/A
June	12	NaN	N/A	-	N/A
July	9	NaN	N/A	-	N/A
August	13	NaN	N/A	-	N/A
September	14	NaN	N/A	-	N/A
October	26	NaN	N/A	-	N/A
November	54	NaN	N/A	-	N/A
December	43	NaN	N/A	-	N/A
<i>Midwest, Hispanic, 2021</i>					
January	27	NaN	N/A	-	N/A
February	9	NaN	N/A	-	N/A
March	4	NaN	N/A	-	N/A
<i>Midwest, Not Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	1	NaN	N/A	-	N/A
June	1	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	1	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>Midwest, Not Hispanic, 2021</i>					
January	1	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	1	NaN	N/A	-	N/A
<i>Midwest, Unknown, 2020</i>					
April	113	NaN	N/A	-	N/A
May	84	NaN	N/A	-	N/A
June	44	NaN	N/A	-	N/A
July	237	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
August	196	NaN	N/A	-	N/A
September	282	NaN	N/A	-	N/A
October	518	NaN	N/A	-	N/A
November	1,152	NaN	N/A	-	N/A
December	1,039	NaN	N/A	-	N/A
<i>Midwest, Unknown, 2021</i>					
January	701	NaN	N/A	-	N/A
February	322	NaN	N/A	-	N/A
March	235	NaN	N/A	-	N/A
<i>Northeast, Hispanic, 2020</i>					
April	60	NaN	N/A	-	N/A
May	9	NaN	N/A	-	N/A
June	1	NaN	N/A	-	N/A
July	5	NaN	N/A	-	N/A
August	2	NaN	N/A	-	N/A
September	6	NaN	N/A	-	N/A
October	11	NaN	N/A	-	N/A
November	28	NaN	N/A	-	N/A
December	44	NaN	N/A	-	N/A
<i>Northeast, Hispanic, 2021</i>					
January	26	NaN	N/A	-	N/A
February	25	NaN	N/A	-	N/A
March	11	NaN	N/A	-	N/A
<i>Northeast, Not Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>Northeast, Not Hispanic, 2021</i>					

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>Northeast, Unknown, 2020</i>					
April	304	NaN	N/A	-	N/A
May	94	NaN	N/A	-	N/A
June	25	NaN	N/A	-	N/A
July	106	NaN	N/A	-	N/A
August	90	NaN	N/A	-	N/A
September	80	NaN	N/A	-	N/A
October	175	NaN	N/A	-	N/A
November	547	NaN	N/A	-	N/A
December	908	NaN	N/A	-	N/A
<i>Northeast, Unknown, 2021</i>					
January	624	NaN	N/A	-	N/A
February	269	NaN	N/A	-	N/A
March	320	NaN	N/A	-	N/A
<i>South, Hispanic, 2020</i>					
April	35	NaN	N/A	-	N/A
May	51	NaN	N/A	-	N/A
June	113	NaN	N/A	-	N/A
July	261	NaN	N/A	-	N/A
August	116	NaN	N/A	-	N/A
September	57	NaN	N/A	-	N/A
October	98	NaN	N/A	-	N/A
November	142	NaN	N/A	-	N/A
December	206	NaN	N/A	-	N/A
<i>South, Hispanic, 2021</i>					
January	202	NaN	N/A	-	N/A
February	105	NaN	N/A	-	N/A
March	57	NaN	N/A	-	N/A
<i>South, Not Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>South, Not Hispanic, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>South, Unknown, 2020</i>					
April	202	NaN	N/A	-	N/A
May	127	NaN	N/A	-	N/A
June	269	NaN	N/A	-	N/A
July	1,103	NaN	N/A	-	N/A
August	694	NaN	N/A	-	N/A
September	460	NaN	N/A	-	N/A
October	616	NaN	N/A	-	N/A
November	1,018	NaN	N/A	-	N/A
December	1,695	NaN	N/A	-	N/A
<i>South, Unknown, 2021</i>					
January	1,694	NaN	N/A	-	N/A
February	834	NaN	N/A	-	N/A
March	559	NaN	N/A	-	N/A
<i>West, Hispanic, 2020</i>					
April	50	NaN	N/A	-	N/A
May	36	NaN	N/A	-	N/A
June	57	NaN	N/A	-	N/A
July	99	NaN	N/A	-	N/A
August	54	NaN	N/A	-	N/A
September	29	NaN	N/A	-	N/A
October	64	NaN	N/A	-	N/A
November	177	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
December	224	NaN	N/A	-	N/A
<i>West, Hispanic, 2021</i>					
January	140	NaN	N/A	-	N/A
February	45	NaN	N/A	-	N/A
March	37	NaN	N/A	-	N/A
<i>West, Not Hispanic, 2020</i>					
April	8	NaN	N/A	-	N/A
May	1	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	1	NaN	N/A	-	N/A
August	2	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	2	NaN	N/A	-	N/A
November	7	NaN	N/A	-	N/A
December	10	NaN	N/A	-	N/A
<i>West, Not Hispanic, 2021</i>					
January	6	NaN	N/A	-	N/A
February	3	NaN	N/A	-	N/A
March	2	NaN	N/A	-	N/A
<i>West, Unknown, 2020</i>					
April	78	NaN	N/A	-	N/A
May	53	NaN	N/A	-	N/A
June	90	NaN	N/A	-	N/A
July	207	NaN	N/A	-	N/A
August	122	NaN	N/A	-	N/A
September	88	NaN	N/A	-	N/A
October	124	NaN	N/A	-	N/A
November	334	NaN	N/A	-	N/A
December	506	NaN	N/A	-	N/A
<i>West, Unknown, 2021</i>					
January	424	NaN	N/A	-	N/A
February	147	NaN	N/A	-	N/A
March	75	NaN	N/A	-	N/A
<i>CB Region (Invalid), Hispanic, 2020</i>					

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
April	1	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	1	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), Hispanic, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), Not Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), Not Hispanic, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), Unknown, 2020</i>					
April	0	NaN	N/A	-	N/A
May	1	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	2	NaN	N/A	-	N/A
August	1	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
October	2	NaN	N/A	-	N/A
November	3	NaN	N/A	-	N/A
December	2	NaN	N/A	-	N/A
<i>CB Region (Invalid), Unknown, 2021</i>					
January	1	NaN	N/A	-	N/A
February	1	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Missing), Hispanic, 2020</i>					
April	1	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	1	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	4	NaN	N/A	-	N/A
December	2	NaN	N/A	-	N/A
<i>CB Region (Missing), Hispanic, 2021</i>					
January	2	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Missing), Not Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	1	NaN	N/A	-	N/A
November	1	NaN	N/A	-	N/A
December	1	NaN	N/A	-	N/A
<i>CB Region (Missing), Not Hispanic, 2021</i>					
January	0	NaN	N/A	-	N/A
February	1	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
March	0	NaN	N/A	-	N/A
<i>CB Region (Missing), Unknown, 2020</i>					
April	4	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	1	NaN	N/A	-	N/A
July	2	NaN	N/A	-	N/A
August	1	NaN	N/A	-	N/A
September	1	NaN	N/A	-	N/A
October	2	NaN	N/A	-	N/A
November	6	NaN	N/A	-	N/A
December	11	NaN	N/A	-	N/A
<i>CB Region (Missing), Unknown, 2021</i>					
January	7	NaN	N/A	-	N/A
February	6	NaN	N/A	-	N/A
March	4	NaN	N/A	-	N/A
<i>CB Region (Other), Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Other), Hispanic, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Other), Not Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Other), Not Hispanic, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Other), Unknown, 2020</i>					
April	1	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	3	NaN	N/A	-	N/A
August	12	NaN	N/A	-	N/A
September	8	NaN	N/A	-	N/A
October	10	NaN	N/A	-	N/A
November	8	NaN	N/A	-	N/A
December	5	NaN	N/A	-	N/A
<i>CB Region (Other), Unknown, 2021</i>					
January	2	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	1	NaN	N/A	-	N/A

Index = Hospitalized with Critical COVID: Outcome = None, Known Race

Midwest, Hispanic, 2020

April	5	NaN	N/A	-	N/A
May	2	NaN	N/A	-	N/A
June	3	NaN	N/A	-	N/A
July	2	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	2	NaN	N/A	-	N/A
October	2	NaN	N/A	-	N/A
November	8	NaN	N/A	-	N/A
December	4	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>Midwest, Hispanic, 2021</i>					
January	6	NaN	N/A	-	N/A
February	1	NaN	N/A	-	N/A
March	2	NaN	N/A	-	N/A
<i>Midwest, Not Hispanic, 2020</i>					
April	516	NaN	N/A	-	N/A
May	329	NaN	N/A	-	N/A
June	178	NaN	N/A	-	N/A
July	303	NaN	N/A	-	N/A
August	318	NaN	N/A	-	N/A
September	332	NaN	N/A	-	N/A
October	800	NaN	N/A	-	N/A
November	1,723	NaN	N/A	-	N/A
December	1,580	NaN	N/A	-	N/A
<i>Midwest, Not Hispanic, 2021</i>					
January	980	NaN	N/A	-	N/A
February	337	NaN	N/A	-	N/A
March	275	NaN	N/A	-	N/A
<i>Midwest, Unknown, 2020</i>					
April	173	NaN	N/A	-	N/A
May	111	NaN	N/A	-	N/A
June	61	NaN	N/A	-	N/A
July	101	NaN	N/A	-	N/A
August	116	NaN	N/A	-	N/A
September	83	NaN	N/A	-	N/A
October	225	NaN	N/A	-	N/A
November	570	NaN	N/A	-	N/A
December	479	NaN	N/A	-	N/A
<i>Midwest, Unknown, 2021</i>					
January	320	NaN	N/A	-	N/A
February	146	NaN	N/A	-	N/A
March	120	NaN	N/A	-	N/A
<i>Northeast, Hispanic, 2020</i>					
April	9	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
May	2	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	2	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	3	NaN	N/A	-	N/A
December	3	NaN	N/A	-	N/A
<i>Northeast, Hispanic, 2021</i>					
January	5	NaN	N/A	-	N/A
February	3	NaN	N/A	-	N/A
March	3	NaN	N/A	-	N/A
<i>Northeast, Not Hispanic, 2020</i>					
April	130	NaN	N/A	-	N/A
May	50	NaN	N/A	-	N/A
June	22	NaN	N/A	-	N/A
July	24	NaN	N/A	-	N/A
August	21	NaN	N/A	-	N/A
September	20	NaN	N/A	-	N/A
October	46	NaN	N/A	-	N/A
November	162	NaN	N/A	-	N/A
December	263	NaN	N/A	-	N/A
<i>Northeast, Not Hispanic, 2021</i>					
January	220	NaN	N/A	-	N/A
February	108	NaN	N/A	-	N/A
March	74	NaN	N/A	-	N/A
<i>Northeast, Unknown, 2020</i>					
April	751	NaN	N/A	-	N/A
May	249	NaN	N/A	-	N/A
June	68	NaN	N/A	-	N/A
July	65	NaN	N/A	-	N/A
August	67	NaN	N/A	-	N/A
September	74	NaN	N/A	-	N/A
October	150	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
November	485	NaN	N/A	-	N/A
December	774	NaN	N/A	-	N/A
<i>Northeast, Unknown, 2021</i>					
January	597	NaN	N/A	-	N/A
February	320	NaN	N/A	-	N/A
March	286	NaN	N/A	-	N/A
<i>South, Hispanic, 2020</i>					
April	6	NaN	N/A	-	N/A
May	1	NaN	N/A	-	N/A
June	8	NaN	N/A	-	N/A
July	19	NaN	N/A	-	N/A
August	6	NaN	N/A	-	N/A
September	2	NaN	N/A	-	N/A
October	6	NaN	N/A	-	N/A
November	16	NaN	N/A	-	N/A
December	23	NaN	N/A	-	N/A
<i>South, Hispanic, 2021</i>					
January	24	NaN	N/A	-	N/A
February	8	NaN	N/A	-	N/A
March	3	NaN	N/A	-	N/A
<i>South, Not Hispanic, 2020</i>					
April	886	NaN	N/A	-	N/A
May	481	NaN	N/A	-	N/A
June	977	NaN	N/A	-	N/A
July	2,695	NaN	N/A	-	N/A
August	1,790	NaN	N/A	-	N/A
September	1,087	NaN	N/A	-	N/A
October	1,598	NaN	N/A	-	N/A
November	2,780	NaN	N/A	-	N/A
December	4,332	NaN	N/A	-	N/A
<i>South, Not Hispanic, 2021</i>					
January	4,099	NaN	N/A	-	N/A
February	1,880	NaN	N/A	-	N/A
March	1,053	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>South, Unknown, 2020</i>					
April	205	NaN	N/A	-	N/A
May	157	NaN	N/A	-	N/A
June	260	NaN	N/A	-	N/A
July	622	NaN	N/A	-	N/A
August	395	NaN	N/A	-	N/A
September	250	NaN	N/A	-	N/A
October	406	NaN	N/A	-	N/A
November	634	NaN	N/A	-	N/A
December	1,070	NaN	N/A	-	N/A
<i>South, Unknown, 2021</i>					
January	1,086	NaN	N/A	-	N/A
February	475	NaN	N/A	-	N/A
March	305	NaN	N/A	-	N/A
<i>West, Hispanic, 2020</i>					
April	6	NaN	N/A	-	N/A
May	7	NaN	N/A	-	N/A
June	3	NaN	N/A	-	N/A
July	12	NaN	N/A	-	N/A
August	7	NaN	N/A	-	N/A
September	4	NaN	N/A	-	N/A
October	9	NaN	N/A	-	N/A
November	16	NaN	N/A	-	N/A
December	27	NaN	N/A	-	N/A
<i>West, Hispanic, 2021</i>					
January	12	NaN	N/A	-	N/A
February	5	NaN	N/A	-	N/A
March	5	NaN	N/A	-	N/A
<i>West, Not Hispanic, 2020</i>					
April	248	NaN	N/A	-	N/A
May	108	NaN	N/A	-	N/A
June	164	NaN	N/A	-	N/A
July	357	NaN	N/A	-	N/A
August	211	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
September	142	NaN	N/A	-	N/A
October	287	NaN	N/A	-	N/A
November	801	NaN	N/A	-	N/A
December	1,158	NaN	N/A	-	N/A
<i>West, Not Hispanic, 2021</i>					
January	849	NaN	N/A	-	N/A
February	328	NaN	N/A	-	N/A
March	176	NaN	N/A	-	N/A
<i>West, Unknown, 2020</i>					
April	46	NaN	N/A	-	N/A
May	26	NaN	N/A	-	N/A
June	55	NaN	N/A	-	N/A
July	126	NaN	N/A	-	N/A
August	41	NaN	N/A	-	N/A
September	32	NaN	N/A	-	N/A
October	49	NaN	N/A	-	N/A
November	157	NaN	N/A	-	N/A
December	290	NaN	N/A	-	N/A
<i>West, Unknown, 2021</i>					
January	242	NaN	N/A	-	N/A
February	70	NaN	N/A	-	N/A
March	34	NaN	N/A	-	N/A
<i>CB Region (Invalid), Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), Hispanic, 2021</i>					
January	0	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), Not Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	1	NaN	N/A	-	N/A
June	1	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	1	NaN	N/A	-	N/A
September	3	NaN	N/A	-	N/A
October	4	NaN	N/A	-	N/A
November	2	NaN	N/A	-	N/A
December	8	NaN	N/A	-	N/A
<i>CB Region (Invalid), Not Hispanic, 2021</i>					
January	4	NaN	N/A	-	N/A
February	1	NaN	N/A	-	N/A
March	3	NaN	N/A	-	N/A
<i>CB Region (Invalid), Unknown, 2020</i>					
April	2	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	1	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	1	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	2	NaN	N/A	-	N/A
November	1	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), Unknown, 2021</i>					
January	2	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Missing), Hispanic, 2020</i>					
April	1	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
July	1	NaN	N/A	-	N/A
August	1	NaN	N/A	-	N/A
September	1	NaN	N/A	-	N/A
October	1	NaN	N/A	-	N/A
November	2	NaN	N/A	-	N/A
December	1	NaN	N/A	-	N/A
<i>CB Region (Missing), Hispanic, 2021</i>					
January	1	NaN	N/A	-	N/A
February	1	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Missing), Not Hispanic, 2020</i>					
April	33	NaN	N/A	-	N/A
May	13	NaN	N/A	-	N/A
June	7	NaN	N/A	-	N/A
July	7	NaN	N/A	-	N/A
August	4	NaN	N/A	-	N/A
September	5	NaN	N/A	-	N/A
October	12	NaN	N/A	-	N/A
November	32	NaN	N/A	-	N/A
December	25	NaN	N/A	-	N/A
<i>CB Region (Missing), Not Hispanic, 2021</i>					
January	33	NaN	N/A	-	N/A
February	14	NaN	N/A	-	N/A
March	5	NaN	N/A	-	N/A
<i>CB Region (Missing), Unknown, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Missing), Unknown, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	2	NaN	N/A	-	N/A
<i>CB Region (Other), Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Other), Hispanic, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Other), Not Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Other), Not Hispanic, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Other), Unknown, 2020</i>					
April	0	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
May	1	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	2	NaN	N/A	-	N/A
October	6	NaN	N/A	-	N/A
November	5	NaN	N/A	-	N/A
December	3	NaN	N/A	-	N/A
<i>CB Region (Other), Unknown, 2021</i>					
January	1	NaN	N/A	-	N/A
February	1	NaN	N/A	-	N/A
March	1	NaN	N/A	-	N/A
Index = Hospitalized with Critical COVID: Outcome = None, American Indian or Alaska Native					
<i>Midwest, Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	1	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	1	NaN	N/A	-	N/A
<i>Midwest, Hispanic, 2021</i>					
January	1	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>Midwest, Not Hispanic, 2020</i>					
April	3	NaN	N/A	-	N/A
May	3	NaN	N/A	-	N/A
June	3	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	3	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
October	5	NaN	N/A	-	N/A
November	7	NaN	N/A	-	N/A
December	5	NaN	N/A	-	N/A
<i>Midwest, Not Hispanic, 2021</i>					
January	3	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>Midwest, Unknown, 2020</i>					
April	1	NaN	N/A	-	N/A
May	1	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	1	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	1	NaN	N/A	-	N/A
November	5	NaN	N/A	-	N/A
December	3	NaN	N/A	-	N/A
<i>Midwest, Unknown, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	2	NaN	N/A	-	N/A
<i>Northeast, Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>Northeast, Hispanic, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
March	0	NaN	N/A	-	N/A
<i>Northeast, Not Hispanic, 2020</i>					
April	1	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>Northeast, Not Hispanic, 2021</i>					
January	1	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>Northeast, Unknown, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	1	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	1	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>Northeast, Unknown, 2021</i>					
January	1	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	2	NaN	N/A	-	N/A
<i>South, Hispanic, 2020</i>					
April	2	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	2	NaN	N/A	-	N/A
July	3	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
August	1	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	4	NaN	N/A	-	N/A
<i>South, Hispanic, 2021</i>					
January	6	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>South, Not Hispanic, 2020</i>					
April	3	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	1	NaN	N/A	-	N/A
July	4	NaN	N/A	-	N/A
August	3	NaN	N/A	-	N/A
September	7	NaN	N/A	-	N/A
October	4	NaN	N/A	-	N/A
November	7	NaN	N/A	-	N/A
December	16	NaN	N/A	-	N/A
<i>South, Not Hispanic, 2021</i>					
January	22	NaN	N/A	-	N/A
February	2	NaN	N/A	-	N/A
March	4	NaN	N/A	-	N/A
<i>South, Unknown, 2020</i>					
April	2	NaN	N/A	-	N/A
May	2	NaN	N/A	-	N/A
June	1	NaN	N/A	-	N/A
July	2	NaN	N/A	-	N/A
August	1	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	4	NaN	N/A	-	N/A
November	2	NaN	N/A	-	N/A
December	5	NaN	N/A	-	N/A
<i>South, Unknown, 2021</i>					

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
January	2	NaN	N/A	-	N/A
February	5	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>West, Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	1	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	1	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	1	NaN	N/A	-	N/A
November	2	NaN	N/A	-	N/A
December	3	NaN	N/A	-	N/A
<i>West, Hispanic, 2021</i>					
January	2	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>West, Not Hispanic, 2020</i>					
April	6	NaN	N/A	-	N/A
May	4	NaN	N/A	-	N/A
June	3	NaN	N/A	-	N/A
July	9	NaN	N/A	-	N/A
August	2	NaN	N/A	-	N/A
September	5	NaN	N/A	-	N/A
October	4	NaN	N/A	-	N/A
November	19	NaN	N/A	-	N/A
December	21	NaN	N/A	-	N/A
<i>West, Not Hispanic, 2021</i>					
January	10	NaN	N/A	-	N/A
February	4	NaN	N/A	-	N/A
March	2	NaN	N/A	-	N/A
<i>West, Unknown, 2020</i>					
April	0	NaN	N/A	-	N/A
May	1	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
June	0	NaN	N/A	-	N/A
July	2	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	1	NaN	N/A	-	N/A
November	2	NaN	N/A	-	N/A
December	3	NaN	N/A	-	N/A
<i>West, Unknown, 2021</i>					
January	4	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), Hispanic, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), Not Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), Not Hispanic, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), Unknown, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), Unknown, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Missing), Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	1	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Missing), Hispanic, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Missing), Not Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	1	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	1	NaN	N/A	-	N/A
<i>CB Region (Missing), Not Hispanic, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Missing), Unknown, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Missing), Unknown, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Other), Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Other), Hispanic, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Other), Not Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Other), Not Hispanic, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Other), Unknown, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Other), Unknown, 2021</i>					
January	0	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A

Index = Hospitalized with Critical COVID: Outcome = None, Asian

Midwest, Hispanic, 2020

April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	1	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	1	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A

Midwest, Hispanic, 2021

January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A

Midwest, Not Hispanic, 2020

April	11	NaN	N/A	-	N/A
May	14	NaN	N/A	-	N/A
June	3	NaN	N/A	-	N/A
July	1	NaN	N/A	-	N/A
August	5	NaN	N/A	-	N/A
September	7	NaN	N/A	-	N/A
October	14	NaN	N/A	-	N/A
November	30	NaN	N/A	-	N/A
December	27	NaN	N/A	-	N/A

Midwest, Not Hispanic, 2021

January	13	NaN	N/A	-	N/A
February	7	NaN	N/A	-	N/A
March	5	NaN	N/A	-	N/A

Midwest, Unknown, 2020

April	3	NaN	N/A	-	N/A
May	1	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
June	3	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	3	NaN	N/A	-	N/A
October	2	NaN	N/A	-	N/A
November	16	NaN	N/A	-	N/A
December	7	NaN	N/A	-	N/A
<i>Midwest, Unknown, 2021</i>					
January	5	NaN	N/A	-	N/A
February	4	NaN	N/A	-	N/A
March	9	NaN	N/A	-	N/A
<i>Northeast, Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	2	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	1	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>Northeast, Hispanic, 2021</i>					
January	1	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	1	NaN	N/A	-	N/A
<i>Northeast, Not Hispanic, 2020</i>					
April	5	NaN	N/A	-	N/A
May	2	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	1	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	5	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
December	5	NaN	N/A	-	N/A
<i>Northeast, Not Hispanic, 2021</i>					
January	3	NaN	N/A	-	N/A
February	2	NaN	N/A	-	N/A
March	1	NaN	N/A	-	N/A
<i>Northeast, Unknown, 2020</i>					
April	39	NaN	N/A	-	N/A
May	6	NaN	N/A	-	N/A
June	2	NaN	N/A	-	N/A
July	2	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	2	NaN	N/A	-	N/A
October	2	NaN	N/A	-	N/A
November	14	NaN	N/A	-	N/A
December	16	NaN	N/A	-	N/A
<i>Northeast, Unknown, 2021</i>					
January	20	NaN	N/A	-	N/A
February	10	NaN	N/A	-	N/A
March	10	NaN	N/A	-	N/A
<i>South, Hispanic, 2020</i>					
April	1	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	3	NaN	N/A	-	N/A
July	5	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	1	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	2	NaN	N/A	-	N/A
December	6	NaN	N/A	-	N/A
<i>South, Hispanic, 2021</i>					
January	2	NaN	N/A	-	N/A
February	2	NaN	N/A	-	N/A
March	1	NaN	N/A	-	N/A
<i>South, Not Hispanic, 2020</i>					

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
April	5	NaN	N/A	-	N/A
May	6	NaN	N/A	-	N/A
June	9	NaN	N/A	-	N/A
July	24	NaN	N/A	-	N/A
August	12	NaN	N/A	-	N/A
September	5	NaN	N/A	-	N/A
October	9	NaN	N/A	-	N/A
November	17	NaN	N/A	-	N/A
December	33	NaN	N/A	-	N/A
<i>South, Not Hispanic, 2021</i>					
January	45	NaN	N/A	-	N/A
February	21	NaN	N/A	-	N/A
March	5	NaN	N/A	-	N/A
<i>South, Unknown, 2020</i>					
April	9	NaN	N/A	-	N/A
May	7	NaN	N/A	-	N/A
June	16	NaN	N/A	-	N/A
July	16	NaN	N/A	-	N/A
August	8	NaN	N/A	-	N/A
September	6	NaN	N/A	-	N/A
October	9	NaN	N/A	-	N/A
November	20	NaN	N/A	-	N/A
December	28	NaN	N/A	-	N/A
<i>South, Unknown, 2021</i>					
January	38	NaN	N/A	-	N/A
February	13	NaN	N/A	-	N/A
March	10	NaN	N/A	-	N/A
<i>West, Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	2	NaN	N/A	-	N/A
June	1	NaN	N/A	-	N/A
July	2	NaN	N/A	-	N/A
August	1	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
October	2	NaN	N/A	-	N/A
November	1	NaN	N/A	-	N/A
December	4	NaN	N/A	-	N/A
<i>West, Hispanic, 2021</i>					
January	3	NaN	N/A	-	N/A
February	1	NaN	N/A	-	N/A
March	2	NaN	N/A	-	N/A
<i>West, Not Hispanic, 2020</i>					
April	17	NaN	N/A	-	N/A
May	4	NaN	N/A	-	N/A
June	5	NaN	N/A	-	N/A
July	15	NaN	N/A	-	N/A
August	10	NaN	N/A	-	N/A
September	7	NaN	N/A	-	N/A
October	18	NaN	N/A	-	N/A
November	43	NaN	N/A	-	N/A
December	69	NaN	N/A	-	N/A
<i>West, Not Hispanic, 2021</i>					
January	44	NaN	N/A	-	N/A
February	15	NaN	N/A	-	N/A
March	10	NaN	N/A	-	N/A
<i>West, Unknown, 2020</i>					
April	5	NaN	N/A	-	N/A
May	2	NaN	N/A	-	N/A
June	8	NaN	N/A	-	N/A
July	13	NaN	N/A	-	N/A
August	8	NaN	N/A	-	N/A
September	2	NaN	N/A	-	N/A
October	2	NaN	N/A	-	N/A
November	13	NaN	N/A	-	N/A
December	31	NaN	N/A	-	N/A
<i>West, Unknown, 2021</i>					
January	29	NaN	N/A	-	N/A
February	9	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
March	3	NaN	N/A	-	N/A
<i>CB Region (Invalid), Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), Hispanic, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), Not Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	1	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), Not Hispanic, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	1	NaN	N/A	-	N/A
<i>CB Region (Invalid), Unknown, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), Unknown, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Missing), Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	1	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Missing), Hispanic, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Missing), Not Hispanic, 2020</i>					
April	6	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	1	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	1	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	1	NaN	N/A	-	N/A
November	4	NaN	N/A	-	N/A
December	2	NaN	N/A	-	N/A
<i>CB Region (Missing), Not Hispanic, 2021</i>					

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
January	1	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Missing), Unknown, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Missing), Unknown, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Other), Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Other), Hispanic, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Other), Not Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Other), Not Hispanic, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Other), Unknown, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	1	NaN	N/A	-	N/A
October	2	NaN	N/A	-	N/A
November	1	NaN	N/A	-	N/A
December	1	NaN	N/A	-	N/A
<i>CB Region (Other), Unknown, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
Index = Hospitalized with Critical COVID: Outcome = None, Black or African American					
<i>Midwest, Hispanic, 2020</i>					
April	3	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
November	1	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>Midwest, Hispanic, 2021</i>					
January	1	NaN	N/A	-	N/A
February	1	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>Midwest, Not Hispanic, 2020</i>					
April	242	NaN	N/A	-	N/A
May	109	NaN	N/A	-	N/A
June	61	NaN	N/A	-	N/A
July	100	NaN	N/A	-	N/A
August	68	NaN	N/A	-	N/A
September	46	NaN	N/A	-	N/A
October	113	NaN	N/A	-	N/A
November	218	NaN	N/A	-	N/A
December	250	NaN	N/A	-	N/A
<i>Midwest, Not Hispanic, 2021</i>					
January	152	NaN	N/A	-	N/A
February	37	NaN	N/A	-	N/A
March	43	NaN	N/A	-	N/A
<i>Midwest, Unknown, 2020</i>					
April	70	NaN	N/A	-	N/A
May	38	NaN	N/A	-	N/A
June	19	NaN	N/A	-	N/A
July	33	NaN	N/A	-	N/A
August	27	NaN	N/A	-	N/A
September	9	NaN	N/A	-	N/A
October	27	NaN	N/A	-	N/A
November	77	NaN	N/A	-	N/A
December	84	NaN	N/A	-	N/A
<i>Midwest, Unknown, 2021</i>					
January	48	NaN	N/A	-	N/A
February	22	NaN	N/A	-	N/A
March	11	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>Northeast, Hispanic, 2020</i>					
April	4	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	1	NaN	N/A	-	N/A
<i>Northeast, Hispanic, 2021</i>					
January	2	NaN	N/A	-	N/A
February	1	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>Northeast, Not Hispanic, 2020</i>					
April	45	NaN	N/A	-	N/A
May	14	NaN	N/A	-	N/A
June	7	NaN	N/A	-	N/A
July	5	NaN	N/A	-	N/A
August	4	NaN	N/A	-	N/A
September	2	NaN	N/A	-	N/A
October	9	NaN	N/A	-	N/A
November	38	NaN	N/A	-	N/A
December	42	NaN	N/A	-	N/A
<i>Northeast, Not Hispanic, 2021</i>					
January	32	NaN	N/A	-	N/A
February	21	NaN	N/A	-	N/A
March	21	NaN	N/A	-	N/A
<i>Northeast, Unknown, 2020</i>					
April	265	NaN	N/A	-	N/A
May	54	NaN	N/A	-	N/A
June	17	NaN	N/A	-	N/A
July	13	NaN	N/A	-	N/A
August	9	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
September	10	NaN	N/A	-	N/A
October	16	NaN	N/A	-	N/A
November	88	NaN	N/A	-	N/A
December	121	NaN	N/A	-	N/A
<i>Northeast, Unknown, 2021</i>					
January	87	NaN	N/A	-	N/A
February	71	NaN	N/A	-	N/A
March	54	NaN	N/A	-	N/A
<i>South, Hispanic, 2020</i>					
April	1	NaN	N/A	-	N/A
May	1	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	1	NaN	N/A	-	N/A
August	1	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	2	NaN	N/A	-	N/A
November	3	NaN	N/A	-	N/A
December	1	NaN	N/A	-	N/A
<i>South, Hispanic, 2021</i>					
January	4	NaN	N/A	-	N/A
February	3	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>South, Not Hispanic, 2020</i>					
April	449	NaN	N/A	-	N/A
May	215	NaN	N/A	-	N/A
June	397	NaN	N/A	-	N/A
July	1,039	NaN	N/A	-	N/A
August	578	NaN	N/A	-	N/A
September	261	NaN	N/A	-	N/A
October	361	NaN	N/A	-	N/A
November	576	NaN	N/A	-	N/A
December	1,002	NaN	N/A	-	N/A
<i>South, Not Hispanic, 2021</i>					
January	1,108	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
February	543	NaN	N/A	-	N/A
March	294	NaN	N/A	-	N/A
<i>South, Unknown, 2020</i>					
April	89	NaN	N/A	-	N/A
May	58	NaN	N/A	-	N/A
June	88	NaN	N/A	-	N/A
July	201	NaN	N/A	-	N/A
August	108	NaN	N/A	-	N/A
September	61	NaN	N/A	-	N/A
October	99	NaN	N/A	-	N/A
November	128	NaN	N/A	-	N/A
December	244	NaN	N/A	-	N/A
<i>South, Unknown, 2021</i>					
January	225	NaN	N/A	-	N/A
February	128	NaN	N/A	-	N/A
March	82	NaN	N/A	-	N/A
<i>West, Hispanic, 2020</i>					
April	1	NaN	N/A	-	N/A
May	1	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	1	NaN	N/A	-	N/A
December	1	NaN	N/A	-	N/A
<i>West, Hispanic, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>West, Not Hispanic, 2020</i>					
April	37	NaN	N/A	-	N/A
May	11	NaN	N/A	-	N/A
June	17	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
July	29	NaN	N/A	-	N/A
August	25	NaN	N/A	-	N/A
September	9	NaN	N/A	-	N/A
October	14	NaN	N/A	-	N/A
November	50	NaN	N/A	-	N/A
December	81	NaN	N/A	-	N/A
<i>West, Not Hispanic, 2021</i>					
January	48	NaN	N/A	-	N/A
February	23	NaN	N/A	-	N/A
March	15	NaN	N/A	-	N/A
<i>West, Unknown, 2020</i>					
April	7	NaN	N/A	-	N/A
May	2	NaN	N/A	-	N/A
June	2	NaN	N/A	-	N/A
July	16	NaN	N/A	-	N/A
August	2	NaN	N/A	-	N/A
September	2	NaN	N/A	-	N/A
October	2	NaN	N/A	-	N/A
November	3	NaN	N/A	-	N/A
December	16	NaN	N/A	-	N/A
<i>West, Unknown, 2021</i>					
January	16	NaN	N/A	-	N/A
February	7	NaN	N/A	-	N/A
March	3	NaN	N/A	-	N/A
<i>CB Region (Invalid), Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Invalid), Hispanic, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), Not Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), Not Hispanic, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), Unknown, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	1	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	1	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), Unknown, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Missing), Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Missing), Hispanic, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Missing), Not Hispanic, 2020</i>					
April	7	NaN	N/A	-	N/A
May	2	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	1	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	4	NaN	N/A	-	N/A
December	5	NaN	N/A	-	N/A
<i>CB Region (Missing), Not Hispanic, 2021</i>					
January	2	NaN	N/A	-	N/A
February	2	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Missing), Unknown, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Missing), Unknown, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Other), Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Other), Hispanic, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Other), Not Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Other), Not Hispanic, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Other), Unknown, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Other), Unknown, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
Index = Hospitalized with Critical COVID: Outcome = None, Native Hawaiian or Other Pacific Islander					
<i>Midwest, Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>Midwest, Hispanic, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>Midwest, Not Hispanic, 2020</i>					
April	7	NaN	N/A	-	N/A
May	4	NaN	N/A	-	N/A
June	5	NaN	N/A	-	N/A
July	6	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
August	3	NaN	N/A	-	N/A
September	4	NaN	N/A	-	N/A
October	6	NaN	N/A	-	N/A
November	23	NaN	N/A	-	N/A
December	26	NaN	N/A	-	N/A
<i>Midwest, Not Hispanic, 2021</i>					
January	17	NaN	N/A	-	N/A
February	6	NaN	N/A	-	N/A
March	3	NaN	N/A	-	N/A
<i>Midwest, Unknown, 2020</i>					
April	1	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	1	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>Midwest, Unknown, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	1	NaN	N/A	-	N/A
<i>Northeast, Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>Northeast, Hispanic, 2021</i>					

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>Northeast, Not Hispanic, 2020</i>					
April	7	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	2	NaN	N/A	-	N/A
October	1	NaN	N/A	-	N/A
November	1	NaN	N/A	-	N/A
December	4	NaN	N/A	-	N/A
<i>Northeast, Not Hispanic, 2021</i>					
January	5	NaN	N/A	-	N/A
February	5	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>Northeast, Unknown, 2020</i>					
April	1	NaN	N/A	-	N/A
May	1	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	1	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>Northeast, Unknown, 2021</i>					
January	3	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>South, Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	1	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>South, Hispanic, 2021</i>					
January	1	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>South, Not Hispanic, 2020</i>					
April	9	NaN	N/A	-	N/A
May	8	NaN	N/A	-	N/A
June	8	NaN	N/A	-	N/A
July	55	NaN	N/A	-	N/A
August	21	NaN	N/A	-	N/A
September	14	NaN	N/A	-	N/A
October	12	NaN	N/A	-	N/A
November	24	NaN	N/A	-	N/A
December	48	NaN	N/A	-	N/A
<i>South, Not Hispanic, 2021</i>					
January	51	NaN	N/A	-	N/A
February	12	NaN	N/A	-	N/A
March	14	NaN	N/A	-	N/A
<i>South, Unknown, 2020</i>					
April	1	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
December	1	NaN	N/A	-	N/A
<i>South, Unknown, 2021</i>					
January	1	NaN	N/A	-	N/A
February	1	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>West, Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	2	NaN	N/A	-	N/A
August	1	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	1	NaN	N/A	-	N/A
December	1	NaN	N/A	-	N/A
<i>West, Hispanic, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>West, Not Hispanic, 2020</i>					
April	5	NaN	N/A	-	N/A
May	1	NaN	N/A	-	N/A
June	9	NaN	N/A	-	N/A
July	15	NaN	N/A	-	N/A
August	12	NaN	N/A	-	N/A
September	3	NaN	N/A	-	N/A
October	12	NaN	N/A	-	N/A
November	30	NaN	N/A	-	N/A
December	42	NaN	N/A	-	N/A
<i>West, Not Hispanic, 2021</i>					
January	43	NaN	N/A	-	N/A
February	8	NaN	N/A	-	N/A
March	2	NaN	N/A	-	N/A
<i>West, Unknown, 2020</i>					

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
April	0	NaN	N/A	-	N/A
May	1	NaN	N/A	-	N/A
June	1	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	2	NaN	N/A	-	N/A
September	1	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	2	NaN	N/A	-	N/A
December	1	NaN	N/A	-	N/A
<i>West, Unknown, 2021</i>					
January	5	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), Hispanic, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), Not Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), Not Hispanic, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), Unknown, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), Unknown, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Missing), Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Missing), Hispanic, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
March	0	NaN	N/A	-	N/A
<i>CB Region (Missing), Not Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	2	NaN	N/A	-	N/A
December	1	NaN	N/A	-	N/A
<i>CB Region (Missing), Not Hispanic, 2021</i>					
January	2	NaN	N/A	-	N/A
February	2	NaN	N/A	-	N/A
March	1	NaN	N/A	-	N/A
<i>CB Region (Missing), Unknown, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Missing), Unknown, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Other), Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Other), Hispanic, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Other), Not Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Other), Not Hispanic, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Other), Unknown, 2020</i>					
April	0	NaN	N/A	-	N/A
May	1	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	1	NaN	N/A	-	N/A
October	4	NaN	N/A	-	N/A
November	4	NaN	N/A	-	N/A
December	2	NaN	N/A	-	N/A
<i>CB Region (Other), Unknown, 2021</i>					

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
January	0	NaN	N/A	-	N/A
February	1	NaN	N/A	-	N/A
March	1	NaN	N/A	-	N/A
Index = Hospitalized with Critical COVID: Outcome = None, White					
<i>Midwest, Hispanic, 2020</i>					
April	2	NaN	N/A	-	N/A
May	2	NaN	N/A	-	N/A
June	1	NaN	N/A	-	N/A
July	2	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	1	NaN	N/A	-	N/A
October	2	NaN	N/A	-	N/A
November	7	NaN	N/A	-	N/A
December	3	NaN	N/A	-	N/A
<i>Midwest, Hispanic, 2021</i>					
January	4	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	2	NaN	N/A	-	N/A
<i>Midwest, Not Hispanic, 2020</i>					
April	253	NaN	N/A	-	N/A
May	199	NaN	N/A	-	N/A
June	106	NaN	N/A	-	N/A
July	196	NaN	N/A	-	N/A
August	239	NaN	N/A	-	N/A
September	275	NaN	N/A	-	N/A
October	662	NaN	N/A	-	N/A
November	1,445	NaN	N/A	-	N/A
December	1,272	NaN	N/A	-	N/A
<i>Midwest, Not Hispanic, 2021</i>					
January	795	NaN	N/A	-	N/A
February	287	NaN	N/A	-	N/A
March	224	NaN	N/A	-	N/A
<i>Midwest, Unknown, 2020</i>					
April	98	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
May	71	NaN	N/A	-	N/A
June	39	NaN	N/A	-	N/A
July	68	NaN	N/A	-	N/A
August	87	NaN	N/A	-	N/A
September	71	NaN	N/A	-	N/A
October	195	NaN	N/A	-	N/A
November	472	NaN	N/A	-	N/A
December	385	NaN	N/A	-	N/A
<i>Midwest, Unknown, 2021</i>					
January	267	NaN	N/A	-	N/A
February	120	NaN	N/A	-	N/A
March	97	NaN	N/A	-	N/A
<i>Northeast, Hispanic, 2020</i>					
April	5	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	2	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	2	NaN	N/A	-	N/A
December	2	NaN	N/A	-	N/A
<i>Northeast, Hispanic, 2021</i>					
January	2	NaN	N/A	-	N/A
February	2	NaN	N/A	-	N/A
March	2	NaN	N/A	-	N/A
<i>Northeast, Not Hispanic, 2020</i>					
April	72	NaN	N/A	-	N/A
May	34	NaN	N/A	-	N/A
June	15	NaN	N/A	-	N/A
July	18	NaN	N/A	-	N/A
August	17	NaN	N/A	-	N/A
September	16	NaN	N/A	-	N/A
October	36	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
November	118	NaN	N/A	-	N/A
December	212	NaN	N/A	-	N/A
<i>Northeast, Not Hispanic, 2021</i>					
January	179	NaN	N/A	-	N/A
February	80	NaN	N/A	-	N/A
March	52	NaN	N/A	-	N/A
<i>Northeast, Unknown, 2020</i>					
April	446	NaN	N/A	-	N/A
May	188	NaN	N/A	-	N/A
June	49	NaN	N/A	-	N/A
July	50	NaN	N/A	-	N/A
August	57	NaN	N/A	-	N/A
September	62	NaN	N/A	-	N/A
October	131	NaN	N/A	-	N/A
November	382	NaN	N/A	-	N/A
December	637	NaN	N/A	-	N/A
<i>Northeast, Unknown, 2021</i>					
January	486	NaN	N/A	-	N/A
February	239	NaN	N/A	-	N/A
March	220	NaN	N/A	-	N/A
<i>South, Hispanic, 2020</i>					
April	2	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	3	NaN	N/A	-	N/A
July	10	NaN	N/A	-	N/A
August	4	NaN	N/A	-	N/A
September	1	NaN	N/A	-	N/A
October	4	NaN	N/A	-	N/A
November	10	NaN	N/A	-	N/A
December	12	NaN	N/A	-	N/A
<i>South, Hispanic, 2021</i>					
January	11	NaN	N/A	-	N/A
February	3	NaN	N/A	-	N/A
March	2	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>South, Not Hispanic, 2020</i>					
April	420	NaN	N/A	-	N/A
May	252	NaN	N/A	-	N/A
June	562	NaN	N/A	-	N/A
July	1,573	NaN	N/A	-	N/A
August	1,176	NaN	N/A	-	N/A
September	800	NaN	N/A	-	N/A
October	1,212	NaN	N/A	-	N/A
November	2,156	NaN	N/A	-	N/A
December	3,233	NaN	N/A	-	N/A
<i>South, Not Hispanic, 2021</i>					
January	2,873	NaN	N/A	-	N/A
February	1,302	NaN	N/A	-	N/A
March	736	NaN	N/A	-	N/A
<i>South, Unknown, 2020</i>					
April	104	NaN	N/A	-	N/A
May	90	NaN	N/A	-	N/A
June	155	NaN	N/A	-	N/A
July	403	NaN	N/A	-	N/A
August	278	NaN	N/A	-	N/A
September	183	NaN	N/A	-	N/A
October	294	NaN	N/A	-	N/A
November	484	NaN	N/A	-	N/A
December	792	NaN	N/A	-	N/A
<i>South, Unknown, 2021</i>					
January	820	NaN	N/A	-	N/A
February	328	NaN	N/A	-	N/A
March	213	NaN	N/A	-	N/A
<i>West, Hispanic, 2020</i>					
April	5	NaN	N/A	-	N/A
May	3	NaN	N/A	-	N/A
June	2	NaN	N/A	-	N/A
July	8	NaN	N/A	-	N/A
August	4	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
September	4	NaN	N/A	-	N/A
October	6	NaN	N/A	-	N/A
November	11	NaN	N/A	-	N/A
December	18	NaN	N/A	-	N/A
<i>West, Hispanic, 2021</i>					
January	7	NaN	N/A	-	N/A
February	4	NaN	N/A	-	N/A
March	3	NaN	N/A	-	N/A
<i>West, Not Hispanic, 2020</i>					
April	183	NaN	N/A	-	N/A
May	88	NaN	N/A	-	N/A
June	130	NaN	N/A	-	N/A
July	289	NaN	N/A	-	N/A
August	162	NaN	N/A	-	N/A
September	118	NaN	N/A	-	N/A
October	239	NaN	N/A	-	N/A
November	659	NaN	N/A	-	N/A
December	945	NaN	N/A	-	N/A
<i>West, Not Hispanic, 2021</i>					
January	704	NaN	N/A	-	N/A
February	278	NaN	N/A	-	N/A
March	147	NaN	N/A	-	N/A
<i>West, Unknown, 2020</i>					
April	34	NaN	N/A	-	N/A
May	20	NaN	N/A	-	N/A
June	44	NaN	N/A	-	N/A
July	95	NaN	N/A	-	N/A
August	29	NaN	N/A	-	N/A
September	27	NaN	N/A	-	N/A
October	44	NaN	N/A	-	N/A
November	137	NaN	N/A	-	N/A
December	239	NaN	N/A	-	N/A
<i>West, Unknown, 2021</i>					
January	188	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
February	54	NaN	N/A	-	N/A
March	28	NaN	N/A	-	N/A
<i>CB Region (Invalid), Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), Hispanic, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), Not Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	1	NaN	N/A	-	N/A
June	1	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	1	NaN	N/A	-	N/A
September	2	NaN	N/A	-	N/A
October	4	NaN	N/A	-	N/A
November	2	NaN	N/A	-	N/A
December	8	NaN	N/A	-	N/A
<i>CB Region (Invalid), Not Hispanic, 2021</i>					
January	4	NaN	N/A	-	N/A
February	1	NaN	N/A	-	N/A
March	2	NaN	N/A	-	N/A
<i>CB Region (Invalid), Unknown, 2020</i>					
April	2	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	1	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	1	NaN	N/A	-	N/A
November	1	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Invalid), Unknown, 2021</i>					
January	2	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Missing), Hispanic, 2020</i>					
April	1	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	1	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	1	NaN	N/A	-	N/A
October	1	NaN	N/A	-	N/A
November	1	NaN	N/A	-	N/A
December	1	NaN	N/A	-	N/A
<i>CB Region (Missing), Hispanic, 2021</i>					
January	1	NaN	N/A	-	N/A
February	1	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Missing), Not Hispanic, 2020</i>					
April	20	NaN	N/A	-	N/A
May	11	NaN	N/A	-	N/A
June	5	NaN	N/A	-	N/A
July	7	NaN	N/A	-	N/A
August	2	NaN	N/A	-	N/A
September	5	NaN	N/A	-	N/A
October	11	NaN	N/A	-	N/A
November	22	NaN	N/A	-	N/A
December	16	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Missing), Not Hispanic, 2021</i>					
January	28	NaN	N/A	-	N/A
February	10	NaN	N/A	-	N/A
March	4	NaN	N/A	-	N/A
<i>CB Region (Missing), Unknown, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Missing), Unknown, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	2	NaN	N/A	-	N/A
<i>CB Region (Other), Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Other), Hispanic, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Other), Not Hispanic, 2020</i>					
April	0	NaN	N/A	-	N/A

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Other), Not Hispanic, 2021</i>					
January	0	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
<i>CB Region (Other), Unknown, 2020</i>					
April	0	NaN	N/A	-	N/A
May	0	NaN	N/A	-	N/A
June	0	NaN	N/A	-	N/A
July	0	NaN	N/A	-	N/A
August	0	NaN	N/A	-	N/A
September	0	NaN	N/A	-	N/A
October	0	NaN	N/A	-	N/A
November	0	NaN	N/A	-	N/A
December	0	NaN	N/A	-	N/A
<i>CB Region (Other), Unknown, 2021</i>					
January	1	NaN	N/A	-	N/A
February	0	NaN	N/A	-	N/A
March	0	NaN	N/A	-	N/A
Index = COVID+; Outcome = Death					
<i>Midwest, Hispanic, 2020</i>					
April	162	NaN	14	-	864.2
May	353	NaN	9	-	254.96
June	205	NaN	3	-	146.34
July	282	NaN	2	-	70.92
August	235	NaN	1	-	42.55
September	264	NaN	2	-	75.76

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
October	584	NaN	7	-	119.86
November	1,266	NaN	17	-	134.28
December	828	NaN	8	-	96.62
<i>Midwest, Hispanic, 2021</i>					
January	460	NaN	5	-	108.7
February	210	NaN	1	-	47.62
March	203	NaN	0	-	0
<i>Midwest, Not Hispanic, 2020</i>					
April	2,426	NaN	414	-	1,706.51
May	2,872	NaN	241	-	839.14
June	2,190	NaN	111	-	506.85
July	3,023	NaN	119	-	393.65
August	3,033	NaN	130	-	428.62
September	3,396	NaN	166	-	488.81
October	7,902	NaN	313	-	396.1
November	18,620	NaN	693	-	372.18
December	13,027	NaN	583	-	447.53
<i>Midwest, Not Hispanic, 2021</i>					
January	7,636	NaN	293	-	383.71
February	3,076	NaN	82	-	266.58
March	3,295	NaN	35	-	106.22
<i>Midwest, Unknown, 2020</i>					
April	1,727	NaN	120	-	694.85
May	2,279	NaN	93	-	408.07
June	1,808	NaN	49	-	271.02
July	4,988	NaN	98	-	196.47
August	4,871	NaN	107	-	219.67
September	6,822	NaN	136	-	199.36
October	13,507	NaN	223	-	165.1
November	30,008	NaN	604	-	201.28
December	22,400	NaN	445	-	198.66
<i>Midwest, Unknown, 2021</i>					
January	13,686	NaN	270	-	197.28
February	5,967	NaN	105	-	175.97

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
March	6,361	NaN	27	-	42.45
<i>Northeast, Hispanic, 2020</i>					
April	995	NaN	35	-	351.76
May	455	NaN	2	-	43.96
June	274	NaN	1	-	36.5
July	348	NaN	1	-	28.74
August	374	NaN	1	-	26.74
September	297	NaN	2	-	67.34
October	463	NaN	2	-	43.2
November	1,152	NaN	4	-	34.72
December	1,335	NaN	7	-	52.43
<i>Northeast, Hispanic, 2021</i>					
January	1,224	NaN	10	-	81.7
February	703	NaN	8	-	113.8
March	717	NaN	1	-	13.95
<i>Northeast, Not Hispanic, 2020</i>					
April	816	NaN	132	-	1,617.65
May	561	NaN	32	-	570.41
June	385	NaN	12	-	311.69
July	370	NaN	10	-	270.27
August	303	NaN	9	-	297.03
September	277	NaN	8	-	288.81
October	444	NaN	11	-	247.75
November	1,014	NaN	45	-	443.79
December	1,816	NaN	96	-	528.63
<i>Northeast, Not Hispanic, 2021</i>					
January	1,450	NaN	81	-	558.62
February	713	NaN	37	-	518.93
March	613	NaN	12	-	195.76
<i>Northeast, Unknown, 2020</i>					
April	9,973	NaN	662	-	663.79
May	6,983	NaN	136	-	194.76
June	4,908	NaN	49	-	99.84
July	6,859	NaN	90	-	131.21

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
August	5,862	NaN	59	-	100.65
September	5,783	NaN	52	-	89.92
October	8,133	NaN	101	-	124.19
November	18,993	NaN	379	-	199.55
December	26,726	NaN	547	-	204.67
<i>Northeast, Unknown, 2021</i>					
January	21,771	NaN	378	-	173.63
February	11,279	NaN	153	-	135.65
March	13,442	NaN	65	-	48.36
<i>South, Hispanic, 2020</i>					
April	394	NaN	14	-	355.33
May	427	NaN	14	-	327.87
June	1,826	NaN	33	-	180.72
July	3,129	NaN	69	-	220.52
August	1,204	NaN	30	-	249.17
September	767	NaN	17	-	221.64
October	1,471	NaN	28	-	190.35
November	2,446	NaN	48	-	196.24
December	3,523	NaN	57	-	161.79
<i>South, Hispanic, 2021</i>					
January	3,452	NaN	51	-	147.74
February	1,301	NaN	20	-	153.73
March	956	NaN	1	-	Oct-46
<i>South, Not Hispanic, 2020</i>					
April	4,581	NaN	552	-	1,204.98
May	3,449	NaN	249	-	721.95
June	6,136	NaN	389	-	633.96
July	14,504	NaN	1,036	-	714.29
August	9,050	NaN	643	-	710.5
September	6,749	NaN	361	-	534.89
October	10,544	NaN	509	-	482.74
November	17,857	NaN	928	-	519.68
December	29,705	NaN	1,501	-	505.3
<i>South, Not Hispanic, 2021</i>					

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
January	25,676	NaN	1,330	-	517.99
February	9,747	NaN	451	-	462.71
March	5,272	NaN	147	-	278.83
<i>South, Unknown, 2020</i>					
April	3,835	NaN	141	-	367.67
May	3,782	NaN	104	-	274.99
June	11,210	NaN	133	-	118.64
July	23,941	NaN	538	-	224.72
August	13,315	NaN	273	-	205.03
September	10,658	NaN	194	-	182.02
October	16,273	NaN	285	-	175.14
November	29,737	NaN	460	-	154.69
December	49,043	NaN	880	-	179.43
<i>South, Unknown, 2021</i>					
January	45,488	NaN	708	-	155.65
February	18,318	NaN	258	-	140.85
March	12,724	NaN	75	-	58.94
<i>West, Hispanic, 2020</i>					
April	584	NaN	29	-	496.58
May	542	NaN	12	-	221.4
June	990	NaN	18	-	181.82
July	2,104	NaN	28	-	133.08
August	1,164	NaN	15	-	128.87
September	957	NaN	14	-	146.29
October	2,129	NaN	23	-	108.03
November	5,024	NaN	82	-	163.22
December	5,283	NaN	86	-	162.79
<i>West, Hispanic, 2021</i>					
January	3,484	NaN	38	-	109.07
February	1,097	NaN	10	-	91.16
March	835	NaN	5	-	59.88
<i>West, Not Hispanic, 2020</i>					
April	2,068	NaN	205	-	991.3
May	1,169	NaN	99	-	846.88

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
June	1,851	NaN	88	-	475.42
July	3,870	NaN	152	-	392.76
August	2,688	NaN	102	-	379.46
September	2,651	NaN	66	-	248.96
October	5,055	NaN	147	-	290.8
November	13,973	NaN	363	-	259.79
December	13,572	NaN	474	-	349.25
<i>West, Not Hispanic, 2021</i>					
January	9,567	NaN	299	-	312.53
February	4,019	NaN	102	-	253.79
March	3,522	NaN	35	-	99.38
<i>West, Unknown, 2020</i>					
April	1,332	NaN	34	-	255.26
May	1,510	NaN	19	-	125.83
June	3,679	NaN	32	-	86.98
July	7,567	NaN	63	-	83.26
August	4,602	NaN	27	-	58.67
September	3,888	NaN	18	-	46.3
October	6,291	NaN	41	-	65.17
November	13,604	NaN	124	-	91.15
December	18,118	NaN	209	-	115.35
<i>West, Unknown, 2021</i>					
January	13,507	NaN	171	-	126.6
February	4,573	NaN	41	-	89.66
March	3,119	NaN	4	-	Dec-82
<i>CB Region (Invalid), Hispanic, 2020</i>					
April	3	NaN	0	-	0
May	3	NaN	0	-	0
June	1	NaN	0	-	0
July	4	NaN	0	-	0
August	4	NaN	0	-	0
September	3	NaN	0	-	0
October	9	NaN	0	-	0
November	17	NaN	0	-	0

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
December	12	NaN	0	-	0
<i>CB Region (Invalid), Hispanic, 2021</i>					
January	9	NaN	0	-	0
February	7	NaN	0	-	0
March	3	NaN	0	-	0
<i>CB Region (Invalid), Not Hispanic, 2020</i>					
April	3	NaN	0	-	0
May	3	NaN	1	-	3,333.33
June	6	NaN	1	-	1,666.67
July	18	NaN	1	-	555.56
August	8	NaN	1	-	1,250.00
September	11	NaN	2	-	1,818.18
October	16	NaN	1	-	625
November	55	NaN	0	-	0
December	56	NaN	3	-	535.71
<i>CB Region (Invalid), Not Hispanic, 2021</i>					
January	26	NaN	3	-	1,153.85
February	15	NaN	0	-	0
March	8	NaN	1	-	1,250.00
<i>CB Region (Invalid), Unknown, 2020</i>					
April	27	NaN	1	-	370.37
May	24	NaN	0	-	0
June	43	NaN	0	-	0
July	68	NaN	0	-	0
August	57	NaN	0	-	0
September	60	NaN	0	-	0
October	87	NaN	1	-	114.94
November	110	NaN	1	-	90.91
December	167	NaN	1	-	59.88
<i>CB Region (Invalid), Unknown, 2021</i>					
January	140	NaN	1	-	71.43
February	81	NaN	0	-	0
March	83	NaN	0	-	0
<i>CB Region (Missing), Hispanic, 2020</i>					

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
April	25	NaN	1	-	400
May	8	NaN	0	-	0
June	20	NaN	0	-	0
July	68	NaN	0	-	0
August	45	NaN	0	-	0
September	32	NaN	1	-	312.5
October	58	NaN	0	-	0
November	147	NaN	1	-	68.03
December	124	NaN	0	-	0
<i>CB Region (Missing), Hispanic, 2021</i>					
January	89	NaN	0	-	0
February	31	NaN	0	-	0
March	39	NaN	0	-	0
<i>CB Region (Missing), Not Hispanic, 2020</i>					
April	270	NaN	12	-	444.44
May	107	NaN	5	-	467.29
June	173	NaN	3	-	173.41
July	562	NaN	1	-	17.79
August	380	NaN	2	-	52.63
September	331	NaN	3	-	90.63
October	403	NaN	6	-	148.88
November	1,156	NaN	6	-	51.9
December	1,118	NaN	8	-	71.56
<i>CB Region (Missing), Not Hispanic, 2021</i>					
January	746	NaN	7	-	93.83
February	327	NaN	3	-	91.74
March	313	NaN	0	-	0
<i>CB Region (Missing), Unknown, 2020</i>					
April	45	NaN	1	-	222.22
May	58	NaN	0	-	0
June	81	NaN	0	-	0
July	166	NaN	1	-	60.24
August	110	NaN	0	-	0
September	91	NaN	1	-	109.89

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
October	138	NaN	0	-	0
November	385	NaN	2	-	51.95
December	376	NaN	2	-	53.19
<i>CB Region (Missing), Unknown, 2021</i>					
January	288	NaN	0	-	0
February	114	NaN	0	-	0
March	128	NaN	0	-	0
<i>CB Region (Other), Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	1	NaN	0	-	0
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	1	NaN	0	-	0
<i>CB Region (Other), Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	1	NaN	0	-	0
March	0	NaN	0	-	NaN
<i>CB Region (Other), Not Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), Not Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
March	0	NaN	0	-	NaN
<i>CB Region (Other), Unknown, 2020</i>					
April	19	NaN	0	-	0
May	44	NaN	1	-	227.27
June	37	NaN	0	-	0
July	59	NaN	1	-	169.49
August	89	NaN	1	-	112.36
September	39	NaN	1	-	256.41
October	115	NaN	0	-	0
November	76	NaN	3	-	394.74
December	35	NaN	1	-	285.71
<i>CB Region (Other), Unknown, 2021</i>					
January	22	NaN	0	-	0
February	5	NaN	0	-	0
March	3	NaN	0	-	0
Index = Hospitalized with COVID: Outcome = Death					
<i>Midwest, Hispanic, 2020</i>					
April	50	NaN	9	-	1,800.00
May	44	NaN	9	-	2,045.45
June	28	NaN	3	-	1,071.43
July	16	NaN	1	-	625
August	29	NaN	0	-	0
September	30	NaN	3	-	1,000.00
October	49	NaN	8	-	1,632.65
November	112	NaN	14	-	1,250.00
December	77	NaN	7	-	909.09
<i>Midwest, Hispanic, 2021</i>					
January	57	NaN	7	-	1,228.07
February	21	NaN	1	-	476.19
March	16	NaN	0	-	0
<i>Midwest, Not Hispanic, 2020</i>					
April	895	NaN	235	-	2,625.70
May	611	NaN	136	-	2,225.86
June	320	NaN	40	-	1,250.00

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
July	544	NaN	86	-	1,580.88
August	578	NaN	77	-	1,332.18
September	678	NaN	124	-	1,828.91
October	1,586	NaN	222	-	1,399.75
November	3,640	NaN	573	-	1,574.18
December	3,121	NaN	536	-	1,717.40
<i>Midwest, Not Hispanic, 2021</i>					
January	1,919	NaN	268	-	1,396.56
February	697	NaN	88	-	1,262.55
March	560	NaN	35	-	625
<i>Midwest, Unknown, 2020</i>					
April	445	NaN	88	-	1,977.53
May	343	NaN	68	-	1,982.51
June	158	NaN	29	-	1,835.44
July	525	NaN	73	-	1,390.48
August	585	NaN	82	-	1,401.71
September	659	NaN	105	-	1,593.32
October	1,436	NaN	200	-	1,392.76
November	3,431	NaN	545	-	1,588.46
December	2,853	NaN	426	-	1,493.17
<i>Midwest, Unknown, 2021</i>					
January	1,833	NaN	258	-	1,407.53
February	767	NaN	109	-	1,421.12
March	643	NaN	29	-	451.01
<i>Northeast, Hispanic, 2020</i>					
April	149	NaN	31	-	2,080.54
May	29	NaN	2	-	689.66
June	6	NaN	1	-	1,666.67
July	14	NaN	0	-	0
August	13	NaN	0	-	0
September	6	NaN	2	-	3,333.33
October	15	NaN	2	-	1,333.33
November	51	NaN	4	-	784.31
December	98	NaN	7	-	714.29

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>Northeast, Hispanic, 2021</i>					
January	65	NaN	7	-	1,076.92
February	48	NaN	12	-	2,500.00
March	48	NaN	2	-	416.67
<i>Northeast, Not Hispanic, 2020</i>					
April	282	NaN	89	-	3,156.03
May	99	NaN	21	-	2,121.21
June	51	NaN	9	-	1,764.71
July	41	NaN	7	-	1,707.32
August	42	NaN	7	-	1,666.67
September	28	NaN	3	-	1,071.43
October	82	NaN	9	-	1,097.56
November	280	NaN	37	-	1,321.43
December	530	NaN	78	-	1,471.70
<i>Northeast, Not Hispanic, 2021</i>					
January	474	NaN	77	-	1,624.47
February	219	NaN	41	-	1,872.15
March	170	NaN	11	-	647.06
<i>Northeast, Unknown, 2020</i>					
April	2,080	NaN	578	-	2,778.85
May	597	NaN	114	-	1,909.55
June	200	NaN	26	-	1,300.00
July	277	NaN	50	-	1,805.05
August	256	NaN	39	-	1,523.44
September	248	NaN	42	-	1,693.55
October	531	NaN	76	-	1,431.26
November	1,799	NaN	334	-	1,856.59
December	3,117	NaN	506	-	1,623.36
<i>Northeast, Unknown, 2021</i>					
January	2,412	NaN	377	-	1,563.02
February	1,191	NaN	172	-	1,444.16
March	1,227	NaN	71	-	578.65
<i>South, Hispanic, 2020</i>					
April	68	NaN	7	-	1,029.41

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
May	67	NaN	11	-	1,641.79
June	176	NaN	26	-	1,477.27
July	436	NaN	60	-	1,376.15
August	179	NaN	32	-	1,787.71
September	98	NaN	14	-	1,428.57
October	168	NaN	23	-	1,369.05
November	260	NaN	46	-	1,769.23
December	369	NaN	54	-	1,463.41
<i>South, Hispanic, 2021</i>					
January	368	NaN	55	-	1,494.57
February	178	NaN	20	-	1,123.60
March	91	NaN	2	-	219.78
<i>South, Not Hispanic, 2020</i>					
April	1,395	NaN	315	-	2,258.06
May	776	NaN	161	-	2,074.74
June	1,512	NaN	278	-	1,838.62
July	4,481	NaN	853	-	1,903.59
August	2,860	NaN	552	-	1,930.07
September	1,803	NaN	291	-	1,613.98
October	2,748	NaN	406	-	1,477.44
November	4,795	NaN	801	-	1,670.49
December	7,755	NaN	1,334	-	1,720.18
<i>South, Not Hispanic, 2021</i>					
January	7,442	NaN	1,319	-	1,772.37
February	3,160	NaN	458	-	1,449.37
March	1,687	NaN	142	-	841.73
<i>South, Unknown, 2020</i>					
April	682	NaN	109	-	1,598.24
May	471	NaN	80	-	1,698.51
June	851	NaN	100	-	1,175.09
July	2,929	NaN	471	-	1,608.06
August	1,827	NaN	243	-	1,330.05
September	1,190	NaN	162	-	1,361.34
October	1,763	NaN	260	-	1,474.76

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
November	3,058	NaN	409	-	1,337.48
December	5,145	NaN	786	-	1,527.70
<i>South, Unknown, 2021</i>					
January	5,157	NaN	725	-	1,405.86
February	2,276	NaN	286	-	1,256.59
March	1,485	NaN	70	-	471.38
<i>West, Hispanic, 2020</i>					
April	115	NaN	21	-	1,826.09
May	75	NaN	9	-	1,200.00
June	91	NaN	15	-	1,648.35
July	176	NaN	23	-	1,306.82
August	106	NaN	11	-	1,037.74
September	59	NaN	10	-	1,694.92
October	145	NaN	23	-	1,586.21
November	343	NaN	65	-	1,895.04
December	421	NaN	75	-	1,781.47
<i>West, Hispanic, 2021</i>					
January	287	NaN	41	-	1,428.57
February	103	NaN	10	-	970.87
March	83	NaN	4	-	481.93
<i>West, Not Hispanic, 2020</i>					
April	459	NaN	120	-	2,614.38
May	202	NaN	58	-	2,871.29
June	253	NaN	52	-	2,055.34
July	579	NaN	117	-	2,020.73
August	365	NaN	79	-	2,164.38
September	276	NaN	41	-	1,485.51
October	568	NaN	95	-	1,672.54
November	1,658	NaN	293	-	1,767.19
December	2,104	NaN	419	-	1,991.44
<i>West, Not Hispanic, 2021</i>					
January	1,543	NaN	270	-	1,749.84
February	631	NaN	87	-	1,378.76
March	340	NaN	30	-	882.35

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>West, Unknown, 2020</i>					
April	199	NaN	22	-	1,105.53
May	119	NaN	21	-	1,764.71
June	220	NaN	25	-	1,136.36
July	513	NaN	50	-	974.66
August	271	NaN	26	-	959.41
September	199	NaN	17	-	854.27
October	313	NaN	32	-	1,022.36
November	872	NaN	108	-	1,238.53
December	1,397	NaN	191	-	1,367.22
<i>West, Unknown, 2021</i>					
January	1,144	NaN	174	-	1,520.98
February	409	NaN	44	-	1,075.79
March	190	NaN	4	-	210.53
<i>CB Region (Invalid), Hispanic, 2020</i>					
April	1	NaN	0	-	0
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	1	NaN	0	-	0
November	0	NaN	0	-	NaN
December	2	NaN	0	-	0
<i>CB Region (Invalid), Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	2	NaN	0	-	0
<i>CB Region (Invalid), Not Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	1	NaN	1	-	10,000.00
June	1	NaN	1	-	10,000.00
July	4	NaN	0	-	0
August	2	NaN	1	-	5,000.00

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
September	4	NaN	1	-	2,500.00
October	5	NaN	1	-	2,000.00
November	6	NaN	1	-	1,666.67
December	9	NaN	3	-	3,333.33
<i>CB Region (Invalid), Not Hispanic, 2021</i>					
January	5	NaN	3	-	6,000.00
February	1	NaN	0	-	0
March	3	NaN	1	-	3,333.33
<i>CB Region (Invalid), Unknown, 2020</i>					
April	3	NaN	0	-	0
May	1	NaN	0	-	0
June	2	NaN	0	-	0
July	5	NaN	0	-	0
August	7	NaN	0	-	0
September	2	NaN	0	-	0
October	7	NaN	1	-	1,428.57
November	10	NaN	1	-	1,000.00
December	5	NaN	1	-	2,000.00
<i>CB Region (Invalid), Unknown, 2021</i>					
January	7	NaN	1	-	1,428.57
February	7	NaN	0	-	0
March	1	NaN	0	-	0
<i>CB Region (Missing), Hispanic, 2020</i>					
April	3	NaN	1	-	3,333.33
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	3	NaN	0	-	0
August	3	NaN	0	-	0
September	1	NaN	1	-	10,000.00
October	1	NaN	0	-	0
November	9	NaN	1	-	1,111.11
December	7	NaN	0	-	0
<i>CB Region (Missing), Hispanic, 2021</i>					
January	7	NaN	0	-	0

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
February	2	NaN	0	-	0
March	1	NaN	0	-	0
<i>CB Region (Missing), Not Hispanic, 2020</i>					
April	40	NaN	11	-	2,750.00
May	21	NaN	5	-	2,380.95
June	12	NaN	0	-	0
July	11	NaN	1	-	909.09
August	10	NaN	0	-	0
September	10	NaN	0	-	0
October	23	NaN	5	-	2,173.91
November	47	NaN	5	-	1,063.83
December	60	NaN	8	-	1,333.33
<i>CB Region (Missing), Not Hispanic, 2021</i>					
January	53	NaN	5	-	943.4
February	27	NaN	4	-	1,481.48
March	16	NaN	0	-	0
<i>CB Region (Missing), Unknown, 2020</i>					
April	7	NaN	0	-	0
May	3	NaN	0	-	0
June	6	NaN	0	-	0
July	6	NaN	0	-	0
August	2	NaN	0	-	0
September	3	NaN	0	-	0
October	5	NaN	0	-	0
November	12	NaN	1	-	833.33
December	25	NaN	2	-	800
<i>CB Region (Missing), Unknown, 2021</i>					
January	16	NaN	0	-	0
February	7	NaN	0	-	0
March	9	NaN	0	-	0
<i>CB Region (Other), Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Not Hispanic, 2020</i>					
April	0	NaN	0	-	NaN
May	0	NaN	0	-	NaN
June	0	NaN	0	-	NaN
July	0	NaN	0	-	NaN
August	0	NaN	0	-	NaN
September	0	NaN	0	-	NaN
October	0	NaN	0	-	NaN
November	0	NaN	0	-	NaN
December	0	NaN	0	-	NaN
<i>CB Region (Other), Not Hispanic, 2021</i>					
January	0	NaN	0	-	NaN
February	0	NaN	0	-	NaN
March	0	NaN	0	-	NaN
<i>CB Region (Other), Unknown, 2020</i>					
April	3	NaN	0	-	0
May	2	NaN	0	-	0
June	0	NaN	0	-	NaN
July	3	NaN	1	-	3,333.33
August	15	NaN	0	-	0
September	11	NaN	2	-	1,818.18
October	31	NaN	0	-	0
November	23	NaN	2	-	869.57
December	10	NaN	1	-	1,000.00

Table 14. Summary of Racial and Ethnic Differences of COVID-19 in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021, by Census Bureau Region, Hispanic Origin, Year, and Month^{1,2}

	Number of Patients in Cohort (with Index Event)	Patients w/ Index Event per 10,000 Eligible Members ³	Number of Patients with Subsequent Outcome Event	Eligible Members ³	Patients with Subsequent Outcome per 10,000 Patients
<i>CB Region (Other), Unknown, 2021</i>					
January	3	NaN	0	-	0
February	1	NaN	0	-	0
March	2	NaN	0	-	0

¹Ethnicity data may not be completely populated at all Data Partners; therefore, data about ethnicity may be incomplete.

² See Appendix B for a list of states and territories included in each Census Bureau region.

³Eligible Members are reflective of the number of patients that met all cohort entry criteria on at least one day during the query period.

⁴Data presented by a dash, asterisk, or period represent missing information. Data represented by NaN (Not a Number) is due to their inability to be calculated. This table may not use all data representations.

Table 15. Summary of Patient Level Cohort Attrition in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021

	Index = Evidence of PCR Test for SARS COV2: Outcome = None		Index = Evidence of PCR Test for SARS COV2: Outcome = COVID+		Index = COVID+: Outcome = Hospitalized with COVID, Overall Race		Index = COVID+: Outcome = Hospitalized with COVID, Unknown Race		Index = COVID+: Outcome = Hospitalized with COVID, Known Race	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements										
Enrolled at any point during the query period	37,906,223	N/A ¹	37,906,223	N/A	37,906,223	N/A	37,906,223	N/A	37,906,223	N/A
Had required coverage type (medical and/or drug coverage)	19,547,313	18,358,910	19,547,313	18,358,910	19,547,313	18,358,910	19,547,313	18,358,910	19,547,313	18,358,910
Enrolled during specified age range	19,547,164	149	19,547,164	149	19,547,164	149	19,547,164	149	19,547,164	149
Had requestable medical charts	19,547,164	0	19,547,164	0	19,547,164	0	19,547,164	0	19,547,164	0
Met demographic requirements (sex, race, and Hispanic origin)	19,545,665	1,499	19,545,665	1,499	19,545,665	1,499	10,202,827	9,344,337	9,342,838	10,204,326
Members with a valid index event										
Had any cohort-defining claim during the query period	2,600,798	16,944,867	2,600,798	16,944,867	1,081,359	18,464,306	529,311	9,673,516	552,048	8,790,790
Claim recorded during specified age range	2,600,794	4	2,600,794	4	1,081,356	3	529,308	3	552,048	0
Episode defining index claim recorded during the query period	2,600,794	0	2,600,794	0	1,081,356	0	529,308	0	552,048	0
Members with required pre-index history										
Had sufficient pre-index continuous enrollment	2,270,701	330,093	2,270,701	330,093	930,606	150,750	422,789	106,519	507,817	44,231
Met inclusion and exclusion criteria	2,270,701	0	2,270,701	0	930,606	0	422,789	0	507,817	0

Table 15. Summary of Patient Level Cohort Attrition in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021

	Index = Evidence of PCR Test for SARS COV2: Outcome = None		Index = Evidence of PCR Test for SARS COV2: Outcome = COVID+		Index = COVID+: Outcome = Hospitalized with COVID, Overall Race		Index = COVID+: Outcome = Hospitalized with COVID, Unknown Race		Index = COVID+: Outcome = Hospitalized with COVID, Known Race	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Met event incidence criteria	2,270,701	0	2,270,701	0	930,606	0	422,789	0	507,817	0
Had minimum days' supply on index date	2,270,701	0	2,270,701	0	930,606	0	422,789	0	507,817	0
Had index episode of at least required length	2,270,701	0	2,270,701	0	930,606	0	422,789	0	507,817	0
Had index episode longer than blackout period	2,270,701	0	2,270,701	0	930,606	0	422,789	0	507,817	0
Did not have an event during blackout period	2,270,701	0	2,270,701	0	930,606	0	422,789	0	507,817	0
Final cohort										
Number of members	2,270,701	N/A	2,270,701	N/A	930,606	N/A	422,789	N/A	507,817	N/A
Number of episodes	2,270,701	N/A	2,270,701	N/A	930,606	N/A	422,789	N/A	507,817	N/A

¹Data presented by a dash, asterisk, or period represent missing information. Data represented by NaN (Not a Number) is due to their inability to be calculated. This table may not use all data representations.

Table 15. Summary of Patient Level Cohort Attrition in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021

	Index = COVID+: Outcome = Hospitalized with COVID, American Indian or Alaska Native		Index = COVID+: Outcome = Hospitalized with COVID, Asian		Index = COVID+: Outcome = Hospitalized with COVID, Black or African American		Index = COVID+: Outcome = Hospitalized with COVID, Pacific Islander		Index = COVID+: Outcome = Hospitalized with COVID, White	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements										
Enrolled at any point during the query period	37,906,223	N/A	37,906,223	N/A	37,906,223	N/A	37,906,223	N/A	37,906,223	N/A
Had required coverage type (medical and/or drug coverage)	19,547,313	18,358,910	19,547,313	18,358,910	19,547,313	18,358,910	19,547,313	18,358,910	19,547,313	18,358,910
Enrolled during specified age range	19,547,164	149	19,547,164	149	19,547,164	149	19,547,164	149	19,547,164	149
Had requestable medical charts	19,547,164	0	19,547,164	0	19,547,164	0	19,547,164	0	19,547,164	0
Met demographic requirements (sex, race, and Hispanic origin)	58,517	19,488,647	574,727	18,972,437	1,199,863	18,347,301	92,601	19,454,563	7,417,130	12,130,034
Members with a valid index event										
Had any cohort-defining claim during the query period	4,013	54,504	23,706	551,021	85,733	1,114,130	5,422	87,179	433,174	6,983,956
Claim recorded during specified age range	4,013	0	23,706	0	85,733	0	5,422	0	433,174	0
Episode defining index claim recorded during the query period	4,013	0	23,706	0	85,733	0	5,422	0	433,174	0
Members with required pre-index history										
Had sufficient pre-index continuous enrollment	3,539	474	20,942	2,764	77,492	8,241	4,906	516	400,938	32,236
Met inclusion and exclusion criteria	3,539	0	20,942	0	77,492	0	4,906	0	400,938	0

Table 15. Summary of Patient Level Cohort Attrition in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021

	Index = COVID+: Outcome = Hospitalized with COVID, American Indian or Alaska Native				Index = COVID+: Outcome = Hospitalized with COVID, Black or African American Pacific Islander				Index = COVID+: Outcome = Hospitalized with COVID, Native Hawaiian or Other White	
	Remaining		Excluded		Remaining		Excluded		Remaining	Excluded
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Met event incidence criteria	3,539	0	20,942	0	77,492	0	4,906	0	400,938	0
Had minimum days' supply on index date	3,539	0	20,942	0	77,492	0	4,906	0	400,938	0
Had index episode of at least required length	3,539	0	20,942	0	77,492	0	4,906	0	400,938	0
Had index episode longer than blackout period	3,539	0	20,942	0	77,492	0	4,906	0	400,938	0
Did not have an event during blackout period	3,539	0	20,942	0	77,492	0	4,906	0	400,938	0
Final cohort										
Number of members	3,539	N/A	20,942	N/A	77,492	N/A	4,906	N/A	400,938	N/A
Number of episodes	3,539	N/A	20,942	N/A	77,492	N/A	4,906	N/A	400,938	N/A

Table 15. Summary of Patient Level Cohort Attrition in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021

	Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, Overall Race		Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, Unknown Race		Index = COVID+: Outcome = Hospitalized with Critical COVID		Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, Known Race		Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, American Indian or Alaska Native	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements										
Enrolled at any point during the query period	37,906,223	N/A	37,906,223	N/A	37,906,223	N/A	37,906,223	N/A	37,906,223	N/A
Had required coverage type (medical and/or drug coverage)	19,547,313	18,358,910	19,547,313	18,358,910	19,547,313	18,358,910	19,547,313	18,358,910	19,547,313	18,358,910
Enrolled during specified age range	19,547,164	149	19,547,164	149	19,547,164	149	19,547,164	149	19,547,164	149
Had requestable medical charts	19,547,164	0	19,547,164	0	19,547,164	0	19,547,164	0	19,547,164	0
Met demographic requirements (sex, race, and Hispanic origin)	19,545,665	1,499	10,202,827	9,344,337	19,545,665	1,499	9,342,838	10,204,326	58,517	19,488,647
Members with a valid index event										
Had any cohort-defining claim during the query period	152,941	19,392,724	56,078	10,146,749	1,081,359	18,464,306	96,863	9,245,975	629	57,888
Claim recorded during specified age range	152,941	0	56,078	0	1,081,356	3	96,863	0	629	0
Episode defining index claim recorded during the query period	152,941	0	56,078	0	1,081,356	0	96,863	0	629	0
Members with required pre-index history										
Had sufficient pre-index continuous enrollment	133,341	19,600	41,833	14,245	930,606	150,750	91,508	5,355	551	78
Met inclusion and exclusion criteria	133,341	0	41,833	0	930,606	0	91,508	0	551	0

Table 15. Summary of Patient Level Cohort Attrition in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021

	Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, Overall Race		Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, Unknown Race		Index = COVID+: Outcome = Hospitalized with Critical COVID		Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, Known Race		Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, American Indian or Alaska Native	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Met event incidence criteria	133,341	0	41,833	0	930,606	0	91,508	0	551	0
Had minimum days' supply on index date	133,341	0	41,833	0	930,606	0	91,508	0	551	0
Had index episode of at least required length	133,341	0	41,833	0	930,606	0	91,508	0	551	0
Had index episode longer than blackout period	133,341	0	41,833	0	930,606	0	91,508	0	551	0
Did not have an event during blackout period	133,341	0	41,833	0	930,606	0	91,508	0	551	0
Final cohort										
Number of members	133,341	N/A	41,833	N/A	930,606	N/A	91,508	N/A	551	N/A
Number of episodes	133,341	N/A	41,833	N/A	930,606	N/A	91,508	N/A	551	N/A

Table 15. Summary of Patient Level Cohort Attrition in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021

	Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, Asian		Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, Black or African American		Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, Native Hawaiian or Other Pacific Islander		Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, White		Index = Hospitalized with Critical COVID: Outcome = None, Overall Race	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements										
Enrolled at any point during the query period	37,906,223	N/A	37,906,223	N/A	37,906,223	N/A	37,906,223	N/A	37,906,223	N/A
Had required coverage type (medical and/or drug coverage)	19,547,313	18,358,910	19,547,313	18,358,910	19,547,313	18,358,910	19,547,313	18,358,910	19,547,313	18,358,910
Enrolled during specified age range	19,547,164	149	19,547,164	149	19,547,164	149	19,547,164	149	19,547,164	149
Had requestable medical charts	19,547,164	0	19,547,164	0	19,547,164	0	19,547,164	0	19,547,164	0
Met demographic requirements (sex, race, and Hispanic origin)	574,727	18,972,437	1,199,863	18,347,301	92,601	19,454,563	7,417,130	12,130,034	19,545,665	1,499
Members with a valid index event										
Had any cohort-defining claim during the query period	2,303	572,424	22,073	1,177,790	1,215	91,386	70,643	7,346,487	85,349	19,460,316
Claim recorded during specified age range	2,303	0	22,073	0	1,215	0	70,643	0	85,349	0
Episode defining index claim recorded during the query period	2,303	0	22,073	0	1,215	0	70,643	0	85,349	0
Members with required pre-index history										
Had sufficient pre-index continuous enrollment	2,107	196	20,371	1,702	1,092	123	67,387	3,256	74,389	10,960
Met inclusion and exclusion criteria	2,107	0	20,371	0	1,092	0	67,387	0	74,389	0

Table 15. Summary of Patient Level Cohort Attrition in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021

	Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, Asian		Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, Black or African American		Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, Native Hawaiian or Other Pacific Islander		Index = Hospitalized with COVID: Outcome = Hospitalized with Critical COVID, White		Index = Hospitalized with Critical COVID: Outcome = None, Overall Race	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Met event incidence criteria	2,107	0	20,371	0	1,092	0	67,387	0	74,389	0
Had minimum days' supply on index date	2,107	0	20,371	0	1,092	0	67,387	0	74,389	0
Had index episode of at least required length	2,107	0	20,371	0	1,092	0	67,387	0	74,389	0
Had index episode longer than blackout period	2,107	0	20,371	0	1,092	0	67,387	0	74,389	0
Did not have an event during blackout period	2,107	0	20,371	0	1,092	0	67,387	0	74,389	0
Final cohort										
Number of members	2,107	N/A	20,371	N/A	1,092	N/A	67,387	N/A	74,389	N/A
Number of episodes	2,107	N/A	20,371	N/A	1,092	N/A	67,387	N/A	74,389	N/A

Table 15. Summary of Patient Level Cohort Attrition in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021

	Index = Hospitalized with Critical COVID: Outcome = None, Unknown Race		Index = Hospitalized with Critical COVID: Outcome = None, Known Race		Index = Hospitalized with Critical COVID: Outcome = None, American Indian or Alaska Native		Index = Hospitalized with Critical COVID: Outcome = None, Asian	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements								
Enrolled at any point during the query period	37,906,223	N/A	37,906,223	N/A	37,906,223	N/A	37,906,223	N/A
Had required coverage type (medical and/or drug coverage)	19,547,313	18,358,910	19,547,313	18,358,910	19,547,313	18,358,910	19,547,313	18,358,910
Enrolled during specified age range	19,547,164	149	19,547,164	149	19,547,164	149	19,547,164	149
Had requestable medical charts	19,547,164	0	19,547,164	0	19,547,164	0	19,547,164	0
Met demographic requirements (sex, race, and Hispanic origin)	10,202,827	9,344,337	9,342,838	10,204,326	58,517	19,488,647	574,727	18,972,437
Members with a valid index event								
Had any cohort-defining claim during the query period	31,140	10,171,687	54,209	9,288,629	333	58,184	1,261	573,466
Claim recorded during specified age range	31,140	0	54,209	0	333	0	1,261	0
Episode defining index claim recorded during the query period	31,140	0	54,209	0	333	0	1,261	0
Members with required pre-index history								
Had sufficient pre-index continuous enrollment	23,106	8,034	51,283	2,926	288	45	1,163	98
Met inclusion and exclusion criteria	23,106	0	51,283	0	288	0	1,163	0

Table 15. Summary of Patient Level Cohort Attrition in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021

	Index = Hospitalized with Critical COVID: Outcome = None, Unknown Race		Index = Hospitalized with Critical COVID: Outcome = None, Known Race		Index = Hospitalized with Critical COVID: Outcome = None, American Indian or Alaska Native		Index = Hospitalized with Critical COVID: Outcome = None, Asian	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Met event incidence criteria	23,106	0	51,283	0	288	0	1,163	0
Had minimum days' supply on index date	23,106	0	51,283	0	288	0	1,163	0
Had index episode of at least required length	23,106	0	51,283	0	288	0	1,163	0
Had index episode longer than blackout period	23,106	0	51,283	0	288	0	1,163	0
Did not have an event during blackout period	23,106	0	51,283	0	288	0	1,163	0
Final cohort								
Number of members	23,106	N/A	51,283	N/A	288	N/A	1,163	N/A
Number of episodes	23,106	N/A	51,283	N/A	288	N/A	1,163	N/A

Table 15. Summary of Patient Level Cohort Attrition in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021

	Index = Hospitalized with Critical COVID: Outcome = None, Black or African American		Index = Hospitalized with Critical COVID: Outcome = None, Native Hawaiian or Other Pacific Islander		Index = Hospitalized with Critical COVID: Outcome = None, White		Index = COVID+: Outcome = Death		Index = Hospitalized with COVID: Outcome = Death	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements										
Enrolled at any point during the query period	37,906,223	N/A	37,906,223	N/A	37,906,223	N/A	37,906,223	N/A	37,906,223	N/A
Had required coverage type (medical and/or drug coverage)	19,547,313	18,358,910	19,547,313	18,358,910	19,547,313	18,358,910	19,547,313	18,358,910	19,547,313	18,358,910
Enrolled during specified age range	19,547,164	149	19,547,164	149	19,547,164	149	19,547,164	149	19,547,164	149
Had requestable medical charts	19,547,164	0	19,547,164	0	19,547,164	0	19,547,164	0	19,547,164	0
Met demographic requirements (sex, race, and Hispanic origin)	1,199,863	18,347,301	92,601	19,454,563	7,417,130	12,130,034	19,545,665	1,499	19,545,665	1,499
Members with a valid index event										
Had any cohort-defining claim during the query period	12,736	1,187,127	729	91,872	39,150	7,377,980	1,081,359	18,464,306	152,941	19,392,724
Claim recorded during specified age range	12,736	0	729	0	39,150	0	1,081,356	3	152,941	0
Episode defining index claim recorded during the query period	12,736	0	729	0	39,150	0	1,081,356	0	152,941	0
Members with required pre-index history										
Had sufficient pre-index continuous enrollment	11,780	956	648	81	37,404	1,746	930,606	150,750	133,341	19,600
Met inclusion and exclusion criteria	11,780	0	648	0	37,404	0	930,606	0	133,341	0

Table 15. Summary of Patient Level Cohort Attrition in the Rapid COVID-19 Sentinel Distributed Database (SDD) from April 1, 2020 to March 31, 2021

	Index = Hospitalized with Critical COVID: Outcome = None, Black or African American		Index = Hospitalized with Critical COVID: Outcome = None, Native Hawaiian or Other Pacific Islander		Index = Hospitalized with Critical COVID: Outcome = None, White		Index = COVID+: Outcome = Death		Index = Hospitalized with COVID: Outcome = Death	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Met event incidence criteria	11,780	0	648	0	37,404	0	930,606	0	133,341	0
Had minimum days' supply on index date	11,780	0	648	0	37,404	0	930,606	0	133,341	0
Had index episode of at least required length	11,780	0	648	0	37,404	0	930,606	0	133,341	0
Had index episode longer than blackout period	11,780	0	648	0	37,404	0	930,606	0	133,341	0
Did not have an event during blackout period	11,780	0	648	0	37,404	0	930,606	0	133,341	0
Final cohort										
Number of members	11,780	N/A	648	N/A	37,404	N/A	930,606	N/A	133,341	N/A
Number of episodes	11,780	N/A	648	N/A	37,404	N/A	930,606	N/A	133,341	N/A

Appendix A. Dates of Available Data for Each Data Partner (DP) as of Request Distribution Date (January 27, 2022)

DP ID	DP Start Date	DP End Date ¹
DP01	07/01/2017	01/31/2022
DP02	07/01/2017	09/30/2021
DP03	01/01/2014	08/31/2021
DP04	07/01/2017	10/31/2021
DP05	01/01/2017	09/30/2021
DP06	07/01/2017	09/30/2021

¹End Date represents the last day of the most recent month for which all of a Data Partner's data tables (enrollment, dispensing, etc.) have at least 80% of the record count relative to the prior month.

Appendix B. List of States and Territories Included in Each Census Bureau Region

Census Bureau Region	States and Territories
Northeast	Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont, New Jersey, New York, Pennsylvania
Midwest	Illinois, Indiana, Michigan, Ohio, Wisconsin, Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, South Dakota
South	Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, West Virginia, Alabama, Kentucky, Mississippi, Tennessee, Arkansas, Louisiana, Oklahoma, Texas
West	Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, Wyoming, Alaska, California, Hawaii, Washington, Oregon
Other	Northern Mariana Islands, Marshall Islands, Puerto Rico, US Virgin Islands, American Samoa, Micronesia, Guam, Palau
Missing	Missing
Invalid	Recorded geographic location does not match any identifiers per the Sentinel Common Data Model definition

Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Events in this Request

Code	Description	Code Category	Code Type	Group
COVID Diagnosis Code				
U07.1	COVID-19, virus identified	Diagnosis	ICD-10-CM	COVID Diagnosis

Appendix D. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
Immune Modulator	
BCG live	Tice BCG
BCG vaccine, live/PF	BCG vaccine, live (PF)
abatacept	Orencia
abatacept	Orencia ClickJect
abatacept/maltose	Orencia (with maltose)
adalimumab	Humira
adalimumab	Humira Pediatric Crohns Start
adalimumab	Humira Pen
adalimumab	Humira Pen Crohns-UC-HS Start
adalimumab	Humira Pen Psor-Uveits-Adol HS
adalimumab	Humira(CF)
adalimumab	Humira(CF) Pedi Crohns Starter
adalimumab	Humira(CF) Pen
adalimumab	Humira(CF) Pen Crohns-UC-HS
adalimumab	Humira(CF) Pen Psor-Uv-Adol HS
ado-trastuzumab emtansine	Kadcyla
aldesleukin	Proleukin
anakinra	Kineret
atezolizumab	Tecentriq
auranofin	Ridaura
avelumab	Bavencio
axicabtagene ciloleucel	Yescarta
azathioprine	Azasan
azathioprine	Imuran
azathioprine	azathioprine
azathioprine sodium	azathioprine sodium
baricitinib	Olumiant
basiliximab	Simulect
belantamab mafodotin-blmf	Blenrep
belatacept	Nulojix
belimumab	Benlysta
benralizumab	Fasenra
benralizumab	Fasenra Pen
bevacizumab	Avastin
bevacizumab	bevacizumab
bevacizumab-awwb	Mvasi
bevacizumab-bvzr	Zirabev
blinatumomab	Blinicyto
brentuximab vedotin	Adcetris
brexucabtagene autoleucel	Tecartus
brodalumab	Siliq
canakinumab/PF	Ilaris (PF)
cemiplimab-rwlc	Libtayo
certolizumab pegol	Cimzia
certolizumab pegol	Cimzia Powder for Reconst
certolizumab pegol	Cimzia Starter Kit
cetuximab	Erbitux
cyclosporine	Sandimmune
cyclosporine	cyclosporine

Appendix D. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
cyclosporine, modified	Gengraf
cyclosporine, modified	Neoral
cyclosporine, modified	cyclosporine modified
daratumumab	Darzalex
daratumumab-hyaluronidase-fihj	Darzalex Faspro
denosumab	Prolia
denosumab	Xgeva
dinutuximab	Unituxin
dostarlimab-gxly	Jemperli
dupilumab	Dupixent
durvalumab	Imfinzi
eculizumab	Soliris
elotuzumab	Empliciti
enfortumab vedotin-ejfv	Padcev
etanercept	Enbrel
etanercept	Enbrel Mini
etanercept	Enbrel SureClick
fam-trastuzumab deruxtecan-nxki	Enhertu
filgrastim	Neupogen
filgrastim-aafi	Nivestym
filgrastim-sndz	Zarxio
gemtuzumab ozogamicin	Mylotarg
golimumab	Simponi
golimumab	Simponi ARIA
guselkumab	Tremfya
idecabtagene vicleucel	Abecma
infliximab	Remicade
infliximab-abda	Renflexis
infliximab-dyyb	Inflectra
inotuzumab ozogamicin	Besponsa
interferon alfa-2b, recomb.	Intron A
interferon beta-1a	Avonex
interferon beta-1a/albumin human	Avonex (with albumin)
interferon beta-1a/albumin human	Rebif (with albumin)
interferon beta-1a/albumin human	Rebif Rebidose
interferon beta-1a/albumin human	Rebif Titration Pack
interferon beta-1b	Betaseron
interferon beta-1b	Extavia
interferon gamma-1b, recomb.	Actimmune
ipilimumab	Yervoy
isatuximab-irfc	Sarclisa
ixekizumab	Taltz Autoinjector
ixekizumab	Taltz Autoinjector (2 Pack)
ixekizumab	Taltz Autoinjector (3 Pack)
ixekizumab	Taltz Syringe
kit for prep yttrium-90/ibritumomab tiuxetan/albumin human	Zevalin (Y-90)
leflunomide	Arava
leflunomide	leflunomide
lenalidomide	Revlimid
levamisole HCl	levamisole (bulk)

Appendix D. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
lisocabtagene maraleucel	Breyanzi
lisocabtagene maraleucel, CD4 component, 2 of 2	Breyanzi CD4 Component (2of 2)
lisocabtagene maraleucel, CD8 component, 1 of 2	Breyanzi CD8 Component (1of 2)
loncastuximab tesirine-lpyl	Zynlonta
luspatercept-aamt	Reblozyl
margetuximab-cmkb	Margenza
mepolizumab	Nucala
mogamulizumab-kpkc	Poteligeo
moxetumomab pasudotox-tdfk	Lumoxiti
mycophenolate mofetil	CellCept
mycophenolate mofetil	mycophenolate mofetil
mycophenolate mofetil HCl	CellCept Intravenous
mycophenolate mofetil HCl	mycophenolate mofetil (HCl)
mycophenolate sodium	Myfortic
mycophenolate sodium	mycophenolate sodium
natalizumab	Tysabri
naxitamab-gqgk	Danyelza
necitumumab	Portrazza
nivolumab	Opdivo
obinutuzumab	Gazyva
ofatumumab	Arzerra
ofatumumab	Kesimpta Pen
olaratumab	Lartruvo
palifermin	Kepivance
palivizumab	Synagis
panitumumab	Vectibix
pegademase bovine	Adagen
pegfilgrastim	Neulasta
pegfilgrastim-bmez	Ziextenzo
pegfilgrastim-cbqv	Udenyca
pegfilgrastim-jmdb	Fulphila
peginterferon alfa-2a	Pegasys
peginterferon alfa-2a	Pegasys ProClick
peginterferon alfa-2b	PegIntron
peginterferon alfa-2b	Sylatron
peginterferon beta-1a	Plegridy
pembrolizumab	Keytruda
pertuzumab	Perjeta
pertuzumab-trastuzumab-hyaluronidase-zzxf	Phesgo
polatuzumab vedotin-piiq	Polivy
ramucirumab	Cyramza
reslizumab	Cinqair
rilonacept	Arcalyst
risankizumab-rzaa	Skyrizi
rituximab	Rituxan
rituximab-abbs	Truxima
rituximab-arrx	Riabni
rituximab-pvvr	Ruxience
rituximab/hyaluronidase, human recombinant	Rituxan Hycela
sacituzumab govitecan-hziy	Trodelyv

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Generic Name	Brand Name
sargramostim	Leukine
sarilumab	Kevzara
satralizumab-mwge	Enspryng
secukinumab	Cosentyx
secukinumab	Cosentyx (2 Syringes)
secukinumab	Cosentyx Pen
secukinumab	Cosentyx Pen (2 Pens)
siltuximab	Sylvant
sipuleucel-T/lactated ringers solution	Provenge
sirolimus	Rapamune
sirolimus	sirolimus
tacrolimus	Astagraf XL
tacrolimus	Envarsus XR
tacrolimus	Prograf
tacrolimus	tacrolimus
tafasitamab-cxix	Monjuvi
tagraxofusp-erzs	Elzonris
talimogene laherparepvec	Imlygic
tbo-filgrastim	Granix
thalidomide	Thalomid
tildrakizumab-asmn	Ilumya
tisagenlecleucel	Kymriah
tocilizumab	Actemra
tocilizumab	Actemra ACTPen
tofacitinib citrate	Xeljanz
tofacitinib citrate	Xeljanz XR
trastuzumab	Herceptin
trastuzumab-anns	Kanjinti
trastuzumab-dkst	Ogivri
trastuzumab-dttb	Ontruzant
trastuzumab-hyaluronidase-oysk	Herceptin Hylecta
trastuzumab-pkrb	Herzuma
trastuzumab-qyyp	Trazimera
ustekinumab	Stelara

Glucocorticoids - topical

HYDROCORTISONE	First-Hydrocortisone
acyclovir/hydrocortisone	Xerese
benzoyl peroxide/hydrocortisone	Vanoxide-HC
betamethasone dipropionate	Sernivo
betamethasone dipropionate	betamethasone dipropionate
betamethasone dipropionate	betamethasone, augmented
betamethasone dipropionate/propylene glycol	Diprolene (augmented)
betamethasone dipropionate/propylene glycol	betamethasone, augmented
betamethasone valerate	Luxiq
betamethasone valerate	betamethasone valerate
calcipotriene/betamethasone dipropionate	Enstilar
calcipotriene/betamethasone dipropionate	Taclonex
calcipotriene/betamethasone dipropionate	Wynzora
calcipotriene/betamethasone dipropionate	calcipotriene-betamethasone
ciclopirox/triamcinolone acetanide	Triliciclo

Appendix D. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
clioquinol/hydrocortisone	Ala-Quin
clotrimazole/betamethasone dipropionate	Lotrisone
clotrimazole/betamethasone dipropionate	clotrimazole-betamethasone
clotrimazole/betamethasone dipropionate/zinc oxide	DermacinRx Therazole Pak
econazole nitrate/triamcinolone acetonide	Triamazole
fluticasone propionate	Beser
fluticasone propionate	Cutivate
fluticasone propionate	fluticasone propionate
fluticasone propionate/emollient combination no.65	Beser Kit
hydrocortisone	Advanced Allergy Collect Kit
hydrocortisone	Ala-Cort
hydrocortisone	Ala-Scalp
hydrocortisone	Anti-Itch (HC)
hydrocortisone	Anusol-HC
hydrocortisone	Aquanil HC
hydrocortisone	Aquaphor Itch Relief
hydrocortisone	Beta-HC
hydrocortisone	Cortaid
hydrocortisone	Cortisone (hydrocortisone)
hydrocortisone	Cortisone Cooling
hydrocortisone	Cortizone-10
hydrocortisone	Cortizone-10 Plus
hydrocortisone	Dermarest Eczema (hydrocort)
hydrocortisone	Hydrocream
hydrocortisone	Noble Formula HC
hydrocortisone	Obagi Nu-Derm Tolereen
hydrocortisone	Preparation H Hydrocortisone
hydrocortisone	Procto-Med HC
hydrocortisone	Procto-Pak
hydrocortisone	Proctocort
hydrocortisone	Proctosol HC
hydrocortisone	Proctozone-HC
hydrocortisone	Scalacort
hydrocortisone	Scalp Relief
hydrocortisone	Scalpicin Anti-Itch
hydrocortisone	Soothing Care (hydrocortisone)
hydrocortisone	Texacort
hydrocortisone	hydrocortisone
hydrocortisone acetate	MiCort-HC
hydrocortisone acetate	Vanicream HC
hydrocortisone acetate	hydrocortisone acetate
hydrocortisone acetate/aloe vera	Nucort
hydrocortisone acetate/iodoquinol/aloe polysaccharides no.2	Alcortin A
hydrocortisone acetate/iodoquinol/aloe polysaccharides no.2	hydrocortisone-iodoquinol-aloe2
hydrocortisone acetate/iodoquinol/aloe vera	Vytone
hydrocortisone acetate/iodoquinol/aloe vera	hydrocortisone-iodoquinol-aloe
hydrocortisone acetate/pramoxine HCl	Analpram-HC
hydrocortisone acetate/pramoxine HCl	Epifoam
hydrocortisone acetate/pramoxine HCl	Novacort
hydrocortisone acetate/pramoxine HCl	Pramosone

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Generic Name	Brand Name
hydrocortisone acetate/pramoxine HCl	hydrocortisone-pramoxine
hydrocortisone butyrate	Locoid
hydrocortisone butyrate	hydrocortisone butyrate
hydrocortisone butyrate/emollient base	Locoid Lipocream
hydrocortisone butyrate/emollient base	hydrocortisone butyr-emollient
hydrocortisone probutate	Pandel
hydrocortisone valerate	hydrocortisone valerate
hydrocortisone/aloe vera	Anti-Itch(hydrocortisone)-Aloe
hydrocortisone/aloe vera	Cortisone with Aloe
hydrocortisone/aloe vera	Cortizone-10 with aloe
hydrocortisone/aloe vera	Hydrocortisone Plus
hydrocortisone/aloe vera	hydrocortisone-aloe vera
hydrocortisone/aloe vera/vit E acet/vitamins A and D	Anti-Itch (HC) with Aloe-Vit E
hydrocortisone/aloe vera/vit E acet/vitamins A and D	Anti-Itch Plus
hydrocortisone/colloidal oatmeal/aloe/vitamin E	Aveeno Anti-Itch (hydrocorts)
hydrocortisone/iodoquinol	Dermazene
hydrocortisone/iodoquinol	hydrocortisone-iodoquinol
hydrocortisone/mineral oil/petrolatum,white	hydrocortisone-min oil-wht pet
hydrocortisone/pramoxine HCl/chloroxylenol	Cortane-B
hydrocortisone/salicylic acid/sulfur/shampoo no. 1	Scalacort DK
hydrocortisone/skin cleanser combination no.25	Aqua Glycolic HC
hydrocortisone/skin cleanser combination no.35	Dermasorb HC Complete Kit
hydroquinone/hydrocortisone	Keya
hydroquinone/hydrocortisone	hydroquinone-hydrocortisone
hydroquinone/tretinoin/hydrocortisone	Katarya
hydroquinone/tretinoin/hydrocortisone	Kataryaxn
hydroquinone/tretinoin/hydrocortisone	Ketarya
hydroquinone/tretinoin/hydrocortisone	Kevarya
hydroquinone/tretinoin/hydrocortisone	Kutaryaxm
hydroquinone/tretinoin/hydrocortisone	Kutaryaxmpa
hydroquinone/tretinoin/hydrocortisone	Kuvarya
hydroquinone/tretinoin/hydrocortisone	Kuvarye
hydroquinone/tretinoin/hydrocortisone	hydroquin-tretinoin-hydrocort
ketoconazole/hydrocortisone	Pheyo
ketoconazole/hydrocortisone	ketoconazole-hydrocortisone
ketoconazole/iodoquinol/hydrocortisone	Pheodoyo
ketoconazole/iodoquinol/hydrocortisone	ketoconazole-iodoquinol-hc
lidocaine HCl/hydrocortisone acetate	Lidocort
lidocaine HCl/hydrocortisone acetate	lidocaine HCl-hydrocortison ac
minoxidil/betamethasone dipropionate	Oxopod
minoxidil/betamethasone dipropionate	minoxidil-betamethasone
mometasone furoate	Elocon
mometasone furoate	mometasone
mometasone furoate/ammonium lactate	Quinosone
mometasone furoate/dimethicone	Quinixil
neomycin sulfate/polymyxin B sulfate/hydrocortisone	Cortisporin
neomycin/bacitracin/polymyxin B/hydrocortisone	Cortisporin
nystatin/triamcinolone acetonide	nystatin-triamcinolone
triamcinolone acetonide	Trianex
triamcinolone acetonide	Triderm

Appendix D. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
triamcinolone acetonide/dimethicone	Ellzia Pak
triamcinolone acetonide/dimethicone/silicone, adhesive	DermaWerx SDS
triamcinolone acetonide/dimethicone/silicone, adhesive	NuTriaRx
triamcinolone acetonide/dimethicone/silicone, adhesive	SanaDermRx
triamcinolone acetonide/dimethicone/silicone, adhesive	Sure Result Tac Pak
triamcinolone acetonide/dimethicone/silicone, adhesive	Trivix
triamcinolone acetonide/dimethicone/silicone, adhesive	Whytederm TDPak
triamcinolone acetonide/dimethicone/silicone, adhesive	Whytederm Trilasil Pak
triamcinolone acetonide/emollient combination no.86	Dermasorb TA Complete Kit
triamcinolone acetonide/gauze bandage/silicone, adhesive	Sila III
triamcinolone acetonide/niacinamide	triamcinolone-niacinamide
triamcinolone acetonide/silicones	SilaLite Pak
Chemotherapy	
abemaciclib	Verzenio
acalabrutinib	Calquence
afatinib dimaleate	Gilotrif
alectinib HCl	Alecensa
alpelisib	Piqray
arsenic trioxide	Trisenox
arsenic trioxide	arsenic trioxide
arsenic trioxide	arsenic trioxide (bulk)
asparaginase (Erwinia chrysanthemi)	Erwinaze
avapritinib	Ayvakit
axitinib	Inlyta
azacitidine	Onureg
azacitidine	Vidaza
azacitidine	azacitidine
belinostat	Beleodaq
bendamustine HCl	Belrapzo
bendamustine HCl	Bendeka
bendamustine HCl	Treanda
bendamustine HCl	bendamustine
bexarotene	Targretin
bexarotene	bexarotene
binimetinib	Mektovi
bleomycin sulfate	bleomycin
bortezomib	Velcade
bortezomib	bortezomib
bosutinib	Bosulif
brigatinib	Alunbrig
bromocriptine mesylate	Cycloset
bromocriptine mesylate	Parlodel
bromocriptine mesylate	bromocriptine
bromocriptine mesylate	bromocriptine (bulk)
busulfan	Busulfex
busulfan	Myleran
busulfan	busulfan
cabazitaxel	Jevtana
cabozantinib s-malate	Cabometyx
cabozantinib s-malate	Cometriq

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Generic Name	Brand Name
calaspargase pegol-mknl	Asparlas
capecitabine	Xeloda
capecitabine	capecitabine
capmatinib hydrochloride	Tabrecta
carboplatin	Paraplatin
carboplatin	carboplatin
carfilzomib	Kyprolis
carmustine	BiCNU
carmustine	carmustine
carmustine in polifeprosan 20	Gliadel Wafer
ceritinib	Zykadia
chlorambucil	Leukeran
chlorambucil	chlorambucil (bulk)
cisplatin	cisplatin
cisplatin	cisplatin (bulk)
cladribine	Mavenclad (10 tablet pack)
cladribine	Mavenclad (4 tablet pack)
cladribine	Mavenclad (5 tablet pack)
cladribine	Mavenclad (6 tablet pack)
cladribine	Mavenclad (7 tablet pack)
cladribine	Mavenclad (8 tablet pack)
cladribine	Mavenclad (9 tablet pack)
cladribine	cladribine
clofarabine	Clolar
clofarabine	clofarabine
cobimetinib fumarate	Cotellic
copanlisib di-HCl	Aliqopa
crizotinib	Xalkori
cyclophosphamide	cyclophosphamide
cyclophosphamide	cyclophosphamide (bulk)
cysteamine bitartrate	Cystagon
cysteamine bitartrate	Procysbi
cytarabine	cytarabine
cytarabine/PF	cytarabine (PF)
dabrafenib mesylate	Tafinlar
dacarbazine	dacarbazine
dacomitinib	Vizimpro
dactinomycin	Cosmegen
dactinomycin	dactinomycin
dasatinib	Sprycel
daunorubicin HCl	daunorubicin
daunorubicin/cytarabine liposomal	Vyxeos
decitabine	Dacogen
decitabine	decitabine
decitabine/cedazuridine	Inqovi
docetaxel	Docetaxel
docetaxel	Taxotere
docetaxel	docetaxel
doxorubicin HCl	Adriamycin
doxorubicin HCl	doxorubicin

Appendix D. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
doxorubicin HCl pegylated liposomal	Doxil
doxorubicin HCl pegylated liposomal	Lipodox
doxorubicin HCl pegylated liposomal	Lipodox 50
doxorubicin HCl pegylated liposomal	doxorubicin, peg-liposomal
duvelisib	Copiktra
enasidenib mesylate	Idhifa
encorafenib	Braftovi
entrectinib	Rozlytrek
epirubicin HCl	Ellence
epirubicin HCl	epirubicin
erdafitinib	Balversa
eribulin mesylate	Halaven
erlotinib HCl	Tarceva
erlotinib HCl	erlotinib
estramustine phosphate sodium	Emcyt
etoposide	Toposar
etoposide	etoposide
etoposide	etoposide (bulk)
etoposide phosphate	Etopophos
everolimus	Afinitor
everolimus	Afinitor Disperz
everolimus	Zortress
everolimus	everolimus (antineoplastic)
everolimus	everolimus (immunosuppressive)
floxuridine	floxuridine
floxuridine	floxuridine (bulk)
fludarabine phosphate	fludarabine
fluorouracil	Adrucil
fluorouracil	fluorouracil
fluorouracil	fluorouracil (bulk)
gefitinib	Iressa
gemcitabine HCl	gemcitabine
gemcitabine HCl in 0.9 % sodium chloride	Infugem
gilteritinib fumarate	Xospata
glasdegib maleate	Daurismo
hydroxyurea	Droxia
hydroxyurea	Hydrea
hydroxyurea	Siklos
hydroxyurea	hydroxyurea
hydroxyurea	hydroxyurea (bulk)
ibrutinib	Imbruvica
idarubicin HCl	Idamycin PFS
idarubicin HCl	idarubicin
idelalisib	Zydelig
ifosfamide	Ifex
ifosfamide	ifosfamide
ifosfamide/mesna	ifosfamide-mesna
imatinib mesylate	Gleevec
imatinib mesylate	imatinib
iobenguane iodine-131	Azedra Dosimetric

Appendix D. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
iobenguane iodine-131	Azedra Therapeutic
iobenguane sulfate I-123	Adreview
iodine/sodium iodide	iodine
iodine/sodium iodide	iodine-sodium iodide
irinotecan HCl	Camptosar
irinotecan HCl	irinotecan
irinotecan liposomal	Onivyde
ivosidenib	Tibsovo
ixabepilone	Ixempra
ixazomib citrate	Ninlaro
lapatinib ditosylate	Tykerb
lapatinib ditosylate	lapatinib
larotrectinib sulfate	Vitrakvi
lenvatinib mesylate	Lenvima
lomustine	Gleostine
lorlatinib	Lorbrena
lurbinectedin	Zepzelca
lutetium Lu 177 dotatate	Lutathera
mechlorethamine HCl	mechlorethamine (bulk)
melphalan	Alkeran
melphalan	melphalan
melphalan HCl	Alkeran (as HCl)
melphalan HCl	melphalan HCl
melphalan HCl/betadex sulfobutyl ether sodium	Evomela
melphalan flufenamide hydrochloride	Pepaxto
mercaptopurine	Purixan
mercaptopurine	mercaptopurine
mercaptopurine	mercaptopurine (bulk)
methotrexate	Xatmep
methotrexate	methotrexate (bulk)
methotrexate sodium	Trexall
methotrexate sodium	methotrexate sodium
methotrexate sodium/PF	methotrexate sodium (PF)
methotrexate/PF	Otrexup (PF)
methotrexate/PF	Rasuvo (PF)
methotrexate/PF	RediTrex (PF)
methoxsalen	Uvadex
methoxsalen	methoxsalen (bulk)
midostaurin	Rydapt
mitomycin	Jelmyto
mitomycin	Mitosol
mitomycin	Mutamycin
mitomycin	mitomycin
mitomycin	mitomycin (bulk)
mitotane	Lysodren
mitotane	mitotane (bulk)
mitoxantrone HCl	mitoxantrone
nelarabine	Arranon
neratinib maleate	Nerlynx
nilotinib HCl	Tasigna

Appendix D. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
nintedanib esylate	Ofev
niraparib tosylate	Zejula
olaparib	Lynparza
omacetaxine mepesuccinate	Synribo
osimertinib mesylate	Tagrisso
oxaliplatin	oxaliplatin
paclitaxel	paclitaxel
paclitaxel protein-bound	Abraxane
palbociclib	Ibrance
panobinostat lactate	Farydak
pazopanib HCl	Votrient
pemetrexed disodium	Alimta
pemigatinib	Pemazyre
pexidartinib hydrochloride	Turalio
ponatinib HCl	Iclusig
porfimer sodium	Photofrin
pralatrexate	Folotyn
procarbazine HCl	Matulane
procarbazine HCl	procarbazine HCl (bulk)
regorafenib	Stivarga
ribociclib succinate	Kisqali
ribociclib succinate/letrozole	Kisqali Femara Co-Pack
romidepsin	Istodax
romidepsin	romidepsin
rucaparib camsylate	Rubraca
ruxolitinib phosphate	Jakafi
selinexor	Xpovio
selpercatinib	Retevmo
selumetinib sulfate/vitamin E TPGS	Koselugo
sodium iodide	Iodopen
sodium iodide	sodium iodide (bulk)
sodium iodide-123	sodium iodide-123
sodium iodide-131	Hicon
sodium iodide-131	sodium iodide-131
sonidegib phosphate	Odomzo
sorafenib tosylate	Nexavar
streptozocin	Zanosar
sunitinib malate	Sutent
tazemetostat hydrobromide	Tazverik
temozolomide	Temodar
temozolomide	temozolomide
temsirolimus	Torisel
temsirolimus	temsirolimus
teniposide	teniposide
tepotinib HCl	Tepmetko
thioguanine	Tabloid
thioguanine	thioguanine (bulk)
thiotepa	Tepadina
thiotepa	thiotepa
thiotepa	thiotepa (bulk)

Appendix D. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
tivozanib HCl	Fotivda
topotecan HCl	Hycamtin
topotecan HCl	topotecan
trabectedin	Yondelis
trametinib dimethyl sulfoxide	Mekinist
trilaciclib dihydrochloride	Cosela
tucatinib	Tukysa
umbralisib tosylate	Ukoniq
valrubicin	Valstar
valrubicin	valrubicin
vandetanib	Caprelsa
vemurafenib	Zelboraf
venetoclax	Venclexta
venetoclax	Venclexta Starting Pack
vinblastine sulfate	vinblastine
vincristine sulfate	Vincasar PFS
vincristine sulfate	vincristine
vincristine sulfate liposomal	Marqibo
vinorelbine tartrate	Navelbine
vinorelbine tartrate	vinorelbine
vismodegib	Erivedge
vorinostat	Zolinza
zanubrutinib	Brukinsa
ziv-aflibercept	Zaltrap
Immunosuppressant	
alemtuzumab	Campath
alemtuzumab	Lemtrada
emapalumab-lzsg	Gamifant
pomalidomide	Pomalyst
Angiotensin Converting Enzyme (ACE) Inhibitors	
amlodipine besylate/benazepril HCl	Lotrel
amlodipine besylate/benazepril HCl	amlodipine-benazepril
benazepril HCl	Lotensin
benazepril HCl	benazepril
benazepril HCl/hydrochlorothiazide	Lotensin HCT
benazepril HCl/hydrochlorothiazide	benazepril-hydrochlorothiazide
captopril	captopril
captopril/hydrochlorothiazide	captopril-hydrochlorothiazide
enalapril maleate	Epaned
enalapril maleate	Vasotec
enalapril maleate	enalapril maleate
enalapril maleate/hydrochlorothiazide	Vaseretic
enalapril maleate/hydrochlorothiazide	enalapril-hydrochlorothiazide
enalaprilat dihydrate	enalaprilat
fosinopril sodium	fosinopril
fosinopril sodium/hydrochlorothiazide	fosinopril-hydrochlorothiazide
lisinopril	Prinivil
lisinopril	Qbrelis
lisinopril	Zestril
lisinopril	lisinopril

Appendix D. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
lisinopril/hydrochlorothiazide	Zestoretic
lisinopril/hydrochlorothiazide	lisinopril-hydrochlorothiazide
moexipril HCl	moexipril
perindopril arginine/amlodipine besylate	Prestalia
perindopril erbumine	perindopril erbumine
quinapril HCl	Accupril
quinapril HCl	quinapril
quinapril HCl/hydrochlorothiazide	Accuretic
quinapril HCl/hydrochlorothiazide	quinapril-hydrochlorothiazide
ramipril	Altace
ramipril	ramipril
trandolapril	trandolapril
trandolapril/verapamil HCl	Tarka
trandolapril/verapamil HCl	trandolapril-verapamil
Angiotensin II Receptor Blockers (ARBs)	
amlodipine besylate/olmesartan medoxomil	Azor
amlodipine besylate/olmesartan medoxomil	amlodipine-olmesartan
amlodipine besylate/valsartan	Exforge
amlodipine besylate/valsartan	amlodipine-valsartan
amlodipine besylate/valsartan/hydrochlorothiazide	Exforge HCT
amlodipine besylate/valsartan/hydrochlorothiazide	amlodipine-valsartan-hcthiazid
azilsartan medoxomil	Edarbi
azilsartan medoxomil/chlorthalidone	Edarbyclor
candesartan cilexetil	Atacand
candesartan cilexetil	candesartan
candesartan cilexetil/hydrochlorothiazide	Atacand HCT
candesartan cilexetil/hydrochlorothiazide	candesartan-hydrochlorothiazid
eprosartan mesylate	eprosartan
irbesartan	Avapro
irbesartan	irbesartan
irbesartan/hydrochlorothiazide	Avalide
irbesartan/hydrochlorothiazide	irbesartan-hydrochlorothiazide
losartan potassium	Cozaar
losartan potassium	losartan
losartan potassium/hydrochlorothiazide	Hyzaar
losartan potassium/hydrochlorothiazide	losartan-hydrochlorothiazide
nebivolol HCl/valsartan	Byvalson
olmesartan medoxomil	Benicar
olmesartan medoxomil	olmesartan
olmesartan medoxomil/amlodipine besylate/hydrochlorothiazide	Tribenzor
olmesartan medoxomil/amlodipine besylate/hydrochlorothiazide	olmesartan-amlodipin-hcthiazid
olmesartan medoxomil/hydrochlorothiazide	Benicar HCT
olmesartan medoxomil/hydrochlorothiazide	olmesartan-hydrochlorothiazide
sacubitril/valsartan	Entresto
telmisartan	Micardis
telmisartan	telmisartan
telmisartan/amlodipine besylate	Twynsta
telmisartan/amlodipine besylate	telmisartan-amlodipine
telmisartan/hydrochlorothiazide	Micardis HCT
telmisartan/hydrochlorothiazide	telmisartan-hydrochlorothiazid

Appendix D. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
valsartan	Diovan
valsartan	valsartan
valsartan/hydrochlorothiazide	Diovan HCT
valsartan/hydrochlorothiazide	valsartan-hydrochlorothiazide
Glucocorticoids - Inhaled	
beclomethasone dipropionate	Qvar
beclomethasone dipropionate	Qvar RediHaler
budesonide	Pulmicort
budesonide	Pulmicort Flexhaler
budesonide	budesonide
budesonide/formoterol fumarate	Symbicort
budesonide/formoterol fumarate	budesonide-formoterol
budesonide/glycopyrrolate/formoterol fumarate	Breztri Aerosphere
ciclesonide	Alvesco
fluticasone furoate	Arnuity Ellipta
fluticasone furoate/umeclidinium bromide/vilanterol trifenate	Trelegy Ellipta
fluticasone furoate/vilanterol trifenate	Breo Ellipta
fluticasone propionate	ArmonAir Digihaler
fluticasone propionate	Flovent Diskus
fluticasone propionate	Flovent HFA
fluticasone propionate/salmeterol xinafoate	Advair Diskus
fluticasone propionate/salmeterol xinafoate	Advair HFA
fluticasone propionate/salmeterol xinafoate	AirDuo Digihaler
fluticasone propionate/salmeterol xinafoate	AirDuo RespiClick
fluticasone propionate/salmeterol xinafoate	Wixela Inhub
fluticasone propionate/salmeterol xinafoate	fluticasone propion-salmeterol
мометасоне фуоате	Asmanex HFA
мометасоне фуоате	Asmanex Twisthaler
мометасоне фуоате/формотерол фуоате	Dulera
Glucocorticoids - systemic	
betamethasone acetate and sodium phos in sterile water/PF	betameth ac,sod phos(PF)-water
betamethasone acetate/betamethasone sodium phosphate	BSP-0820
betamethasone acetate/betamethasone sodium phosphate	Beta-1
betamethasone acetate/betamethasone sodium phosphate	Celestone Soluspan
betamethasone acetate/betamethasone sodium phosphate	Pod-Care 100C
betamethasone acetate/betamethasone sodium phosphate	ReadySharp Betamethasone
betamethasone acetate/betamethasone sodium phosphate	betamethasone acet,sod phos
betamethasone acetate/betamethasone sodium phosphate/water	betamethasone ace,sod phos-wtr
betamethasone sodium phosph in sterile water for injection	betamethasone sod phosph-water
bupivacaine HCl/dexamethasone sodium phos in sterile water	bupivacaine-dexameth in water
cortisone acetate	cortisone
dexamethasone	Decadron
dexamethasone	DexPak 10 day
dexamethasone	DexPak 13 Day
dexamethasone	DexPak 6 Day
dexamethasone	Dexabliss
dexamethasone	Dxevo
dexamethasone	Hemady
dexamethasone	HiDex
dexamethasone	TaperDex

Appendix D. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
dexamethasone	ZCort
dexamethasone	dexamethasone
dexamethasone acetate and sodium phosphate in sterile water	dexamethasone ac, sod ph-water
dexamethasone acetate in sodium chloride, iso-osmotic	dexamethasone ace-NaCl,iso-osm
dexamethasone sodium phosphate	Dexonto
dexamethasone sodium phosphate	ReadySharp dexamethasone
dexamethasone sodium phosphate	dexamethasone sodium phosphate
dexamethasone sodium phosphate in 0.9 % sodium chloride	dexamethasone-0.9 % sod. chlor
dexamethasone sodium phosphate/PF	Active Injection Kit D (PF)
dexamethasone sodium phosphate/PF	DoubleDex (PF)
dexamethasone sodium phosphate/PF	MAS Care-Pak (PF)
dexamethasone sodium phosphate/PF	dexamethasone sodium phos (PF)
dexamethasone sodium phosphate/lidocaine HCl	Lidocidex-I
hydrocortisone sod succinate	A-Hydrocort
hydrocortisone sod succinate	Solu-Cortef
hydrocortisone sodium succinate/PF	Solu-Cortef Act-O-Vial (PF)
methylprednisolone	Medrol
methylprednisolone	Medrol (Pak)
methylprednisolone	Methylpred DP
methylprednisolone	methylprednisolone
methylprednisolone acetate	Depo-Medrol
methylprednisolone acetate	P-Care D40
methylprednisolone acetate	P-Care D80
methylprednisolone acetate	methylprednisolone acetate
methylprednisolone acetate in sodium chloride,iso-osmotic/PF	methylpred ac(PF)-NaCl,iso-osm
methylprednisolone acetate in sterile water for injection	methylprednisolone acet-water
methylprednisolone acetate/bupivacaine HCl in sterile water	methylprednisol ac-bupivac-wat
methylprednisolone sodium succinate	Solu-Medrol
methylprednisolone sodium succinate	methylprednisolone sodium succ
methylprednisolone sodium succinate/PF	Solu-Medrol (PF)
prednisolone	Millipred
prednisolone	Millipred DP
prednisolone	prednisolone
prednisolone sodium phosphate	Orapred ODT
prednisolone sodium phosphate	Pediapred
prednisolone sodium phosphate	Veripred 20
prednisone	Prednisone Intensol
prednisone	Rayos
prednisone	prednisone
triamcinolone acetonide	Kenalog
triamcinolone acetonide	Kenalog-40
triamcinolone acetonide	Kenalog-80
triamcinolone acetonide	P-Care K40
triamcinolone acetonide	P-Care K80
triamcinolone acetonide	Pod-Care 100K
triamcinolone acetonide	Pro-C-Dure 5
triamcinolone acetonide	Pro-C-Dure 6
triamcinolone acetonide	Zilretta
triamcinolone acetonide	triamcinolone acetonide
triamcinolone acetonide in 0.9 % sodium chloride	triamcinolone aceton-0.9% NaCl

Appendix D. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
triamcinolone acetonide/0.9% sodium chloride/PF	triamcinol ac (PF) in 0.9%NaCl
triamcinolone acetonide/bupivacaine/in 0.9% sodium chloride	triamcinol ace-bupiv-0.9% NaCl
triamcinolone acetonide/lidocaine HCl	Lidocilone I
triamcinolone diacetate in 0.9 % sodium chloride	triamcinolone diacet-0.9% NaCl
triamcinolone diacetate in 0.9 % sodium chloride/PF	triamcinolone dia(PF)-0.9%NaCl
triamcinolone hexacetonide	Aristospan Intra-Articular
triamcinolone hexacetonide	Aristospan Intralesional
Glucocorticoids - ophthalmic	
betamethasone sodium phos/chondroitin sulfate A sodium/PF	Klarity-B (betameth-chond)(PF)
gentamicin sulfate/prednisolone acetate	Pred-G
gentamicin sulfate/prednisolone acetate	Pred-G S.O.P.
neomycin sulfate/bacitracin zinc/polymyxin B/hydrocortisone	Neo-Polycin HC
neomycin sulfate/bacitracin zinc/polymyxin B/hydrocortisone	neomycin-bacitracin-poly-HC
neomycin sulfate/polymyxin B sulfate/hydrocortisone	neomycin-polymyxin-HC
prednisolone acetate	Omnipred
prednisolone acetate	Pred Forte
prednisolone acetate	Pred Mild
prednisolone acetate	prednisolone acetate
prednisolone acetate/PF	prednisolone acetate (PF)
prednisolone acetate/bromfenac sodium	prednisolone acetate-bromfenac
prednisolone acetate/gatifloxacin	prednisolone acet-gatifloxacin
prednisolone acetate/gatifloxacin/bromfenac sodium	prednisol ace-gatiflox-bromfen
prednisolone acetate/moxifloxacin HCl	prednisolone-moxifloxacin HCl
prednisolone acetate/moxifloxacin HCl/bromfenac sodium	prednisolone-moxiflox-bromfen
prednisolone acetate/moxifloxacin HCl/nepafenac	prednisolone-moxiflo-nepafenac
prednisolone acetate/nepafenac	prednisolone acetate-nepafenac
prednisolone sodium phosphate	prednisolone sodium phosphate
prednisolone sodium phosphate/bromfenac sodium	prednisolone sod ph-bromfenac
prednisolone sodium phosphate/gatifloxacin	prednisolone sod ph-gatifloxac
prednisolone sodium phosphate/gatifloxacin/bromfenac sodium	prednisoln sp-gatiflox-bromfen
prednisolone sodium phosphate/moxifloxacin HCl	prednisolone sod ph-moxiflox
prednisolone sodium phosphate/moxifloxacin HCl/bromfenac sod	prednisoln sp-moxiflox-bromfen
sulfacetamide sodium/prednisolone acetate	Blephamide
sulfacetamide sodium/prednisolone acetate	Blephamide S.O.P.
sulfacetamide sodium/prednisolone sodium phosphate	sulfacetamide-prednisolone
Vasopressors	
dobutamine HCl	dobutamine
dobutamine HCl in dextrose 5 % in water	dobutamine in D5W
dopamine HCl	dopamine
dopamine HCl in dextrose 5 % in water	dopamine in 5 % dextrose
epinephrine HCl in 0.9 % sodium chloride	epinephrine HCl in 0.9 % NaCl
epinephrine HCl in dextrose 5 % in water	epinephrine HCl in 5% dextrose
epinephrine in sodium chloride, iso-osmotic	epinephrine in sod chlor,iso
norepinephrine bitartrate	Levophed (bitartrate)
norepinephrine bitartrate	norepinephrine bitartrate
norepinephrine bitartrate in 0.9 % sodium chloride	norepinephrine bitartrate-NaCl
norepinephrine bitartrate in 5 % dextrose in water	norepinephrine bitartrate-D5W
vasopressin	Vasostrict
vasopressin in 0.9 % sodium chloride	vasopressin in 0.9 % sod chlor
vasopressin in dextrose 5 % in water	vasopressin in dextrose 5 %

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
Glucocorticoids			
J0702	Injection, betamethasone acetate 3 mg and betamethasone sodium phosphate 3 mg	Procedure	HCPCS
J1020	Injection, methylprednisolone acetate, 20 mg	Procedure	HCPCS
J1030	Injection, methylprednisolone acetate, 40 mg	Procedure	HCPCS
J1040	Injection, methylprednisolone acetate, 80 mg	Procedure	HCPCS
J1094	Injection, dexamethasone acetate, 1 mg	Procedure	HCPCS
J1100	Injection, dexamethasone sodium phosphate, 1 mg	Procedure	HCPCS
J1700	Injection, hydrocortisone acetate, up to 25 mg	Procedure	HCPCS
J1710	Injection, hydrocortisone sodium phosphate, up to 50 mg	Procedure	HCPCS
J1720	Injection, hydrocortisone sodium succinate, up to 100 mg	Procedure	HCPCS
J2650	Injection, prednisolone acetate, up to 1 ml	Procedure	HCPCS
J2920	Injection, methylprednisolone sodium succinate, up to 40 mg	Procedure	HCPCS
J2930	Injection, methylprednisolone sodium succinate, up to 125 mg	Procedure	HCPCS
J3300	Injection, triamcinolone acetonide, preservative free, 1 mg	Procedure	HCPCS
J3301	Injection, triamcinolone acetonide, not otherwise specified, 10 mg	Procedure	HCPCS
J3302	Injection, triamcinolone diacetate, per 5 mg	Procedure	HCPCS
J3303	Injection, triamcinolone hexacetonide, per 5 mg	Procedure	HCPCS
J3304	Injection, triamcinolone acetonide, preservative-free, extended-release, microsphere formulation, 1 mg	Procedure	HCPCS
J7401	Mometasone furoate sinus implant, 10 micrograms	Procedure	HCPCS
J7509	Methylprednisolone, oral, per 4 mg	Procedure	HCPCS
J7510	Prednisolone, oral, per 5 mg	Procedure	HCPCS
J7512	Prednisone, immediate release or delayed release, oral, 1 mg	Procedure	HCPCS
J7622	Beclomethasone, inhalation solution, compounded product, administered through dme, unit dose form, per milligram	Procedure	HCPCS
J7624	BETAMETHASONE, INHALATION SOLUTION ADMINISTERED THROUGH DME, UNIT DOSE FORM, PER MILLIGRAM	Procedure	HCPCS
J7626	Budesonide, inhalation solution, fda-approved final product, non-compounded, administered through dme, unit dose form, up to 0.5 mg	Procedure	HCPCS
J7627	Budesonide, inhalation solution, compounded product, administered through dme, unit dose form, up to 0.5 mg	Procedure	HCPCS
J7633	Budesonide, inhalation solution, fda-approved final product, non-compounded, administered through dme, concentrated form, per 0.25 milligram	Procedure	HCPCS
J7634	Budesonide, inhalation solution, compounded product, administered through dme, concentrated form, per 0.25 milligram	Procedure	HCPCS
J7637	Dexamethasone, inhalation solution, compounded product, administered through dme, concentrated form, per milligram	Procedure	HCPCS
J7638	Dexamethasone, inhalation solution, compounded product, administered through dme, unit dose form, per milligram	Procedure	HCPCS
J7641	Flunisolide, inhalation solution, compounded product, administered through dme, unit dose, per milligram	Procedure	HCPCS
J7683	Triamcinolone, inhalation solution, compounded product, administered through dme, concentrated form, per milligram	Procedure	HCPCS
J7684	Triamcinolone, inhalation solution, compounded product, administered through dme, unit dose form, per milligram	Procedure	HCPCS

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
J8540	Dexamethasone, oral, 0.25 mg	Procedure	HCPCS
Angiotensin Converting Enzyme (ACE) Inhibitors			
00143978601	enalaprilat dihydrate	Procedure	NDC
00143978610	enalaprilat dihydrate	Procedure	NDC
00143978701	enalaprilat dihydrate	Procedure	NDC
00143978710	enalaprilat dihydrate	Procedure	NDC
00409212201	enalaprilat dihydrate	Procedure	NDC
00409212202	enalaprilat dihydrate	Procedure	NDC
00409212288	enalaprilat dihydrate	Procedure	NDC
00703840104	enalaprilat dihydrate	Procedure	NDC
00703841104	enalaprilat dihydrate	Procedure	NDC
55390001010	enalaprilat dihydrate	Procedure	NDC
55390001110	enalaprilat dihydrate	Procedure	NDC
Solid Organ Transplant			
0055U	Cardiology (heart transplant), cell-free DNA, PCR assay of 96 DNA target sequences (94 single nucleotide polymorphism targets and two control targets), plasma	Procedure	CPT-4
0087U	Cardiology (heart transplant), mRNA gene expression profiling by microarray of 1283 genes, transplant biopsy tissue, allograft rejection and injury algorithm reported as a probability score	Procedure	CPT-4
0088U	Transplantation medicine (kidney allograft rejection), microarray gene expression profiling of 1494 genes, utilizing transplant biopsy tissue, algorithm reported as a probability score for rejection	Procedure	CPT-4
0141T	Pancreatic islet cell transplantation through portal vein, percutaneous	Procedure	CPT-3
0142T	Pancreatic islet cell transplantation through portal vein, open	Procedure	CPT-3
0143T	Laparoscopy, surgical, pancreatic islet cell transplantation through portal vein	Procedure	CPT-3
02Y	Heart and Great Vessels, Transplantation	Procedure	ICD-10-PCS
02YA	Transplantation / Heart	Procedure	ICD-10-PCS
02YA0Z0	Transplantation of Heart, Allogeneic, Open Approach	Procedure	ICD-10-PCS
02YA0Z1	Transplantation of Heart, Syngeneic, Open Approach	Procedure	ICD-10-PCS
02YA0Z2	Transplantation of Heart, Zooplasic, Open Approach	Procedure	ICD-10-PCS
0584T	Islet cell transplant, includes portal vein catheterization and infusion, including all imaging, including guidance, and radiological supervision and interpretation, when performed; percutaneous	Procedure	CPT-3
0585T	Islet cell transplant, includes portal vein catheterization and infusion, including all imaging, including guidance, and radiological supervision and interpretation, when performed; laparoscopic	Procedure	CPT-3
0586T	Islet cell transplant, includes portal vein catheterization and infusion, including all imaging, including guidance, and radiological supervision and interpretation, when performed; open	Procedure	CPT-3
07Y	Lymphatic and Hemic Systems, Transplantation	Procedure	ICD-10-PCS
07YM	Transplantation / Thymus	Procedure	ICD-10-PCS
07YM0Z0	Transplantation of Thymus, Allogeneic, Open Approach	Procedure	ICD-10-PCS
07YM0Z1	Transplantation of Thymus, Syngeneic, Open Approach	Procedure	ICD-10-PCS
07YM0Z2	Transplantation of Thymus, Zooplasic, Open Approach	Procedure	ICD-10-PCS
07YP	Transplantation / Spleen	Procedure	ICD-10-PCS

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
07YP0Z0	Transplantation of Spleen, Allogeneic, Open Approach	Procedure	ICD-10-PCS
07YP0Z1	Transplantation of Spleen, Syngeneic, Open Approach	Procedure	ICD-10-PCS
07YP0Z2	Transplantation of Spleen, Zooplastic, Open Approach	Procedure	ICD-10-PCS
0BY	Respiratory System, Transplantation	Procedure	ICD-10-PCS
0BYC	Transplantation / Upper Lung Lobe, Right	Procedure	ICD-10-PCS
0BYC0Z0	Transplantation of Right Upper Lung Lobe, Allogeneic, Open Approach	Procedure	ICD-10-PCS
0BYC0Z1	Transplantation of Right Upper Lung Lobe, Syngeneic, Open Approach	Procedure	ICD-10-PCS
0BYC0Z2	Transplantation of Right Upper Lung Lobe, Zooplastic, Open Approach	Procedure	ICD-10-PCS
0BYD	Transplantation / Middle Lung Lobe, Right	Procedure	ICD-10-PCS
0BYD0Z0	Transplantation of Right Middle Lung Lobe, Allogeneic, Open Approach	Procedure	ICD-10-PCS
0BYD0Z1	Transplantation of Right Middle Lung Lobe, Syngeneic, Open Approach	Procedure	ICD-10-PCS
0BYD0Z2	Transplantation of Right Middle Lung Lobe, Zooplastic, Open Approach	Procedure	ICD-10-PCS
0BYF	Transplantation / Lower Lung Lobe, Right	Procedure	ICD-10-PCS
0BYF0Z0	Transplantation of Right Lower Lung Lobe, Allogeneic, Open Approach	Procedure	ICD-10-PCS
0BYF0Z1	Transplantation of Right Lower Lung Lobe, Syngeneic, Open Approach	Procedure	ICD-10-PCS
0BYF0Z2	Transplantation of Right Lower Lung Lobe, Zooplastic, Open Approach	Procedure	ICD-10-PCS
0BYG	Transplantation / Upper Lung Lobe, Left	Procedure	ICD-10-PCS
0BYG0Z0	Transplantation of Left Upper Lung Lobe, Allogeneic, Open Approach	Procedure	ICD-10-PCS
0BYG0Z1	Transplantation of Left Upper Lung Lobe, Syngeneic, Open Approach	Procedure	ICD-10-PCS
0BYG0Z2	Transplantation of Left Upper Lung Lobe, Zooplastic, Open Approach	Procedure	ICD-10-PCS
0BYH	Transplantation / Lung Lingula	Procedure	ICD-10-PCS
0BYH0Z0	Transplantation of Lung Lingula, Allogeneic, Open Approach	Procedure	ICD-10-PCS
0BYH0Z1	Transplantation of Lung Lingula, Syngeneic, Open Approach	Procedure	ICD-10-PCS
0BYH0Z2	Transplantation of Lung Lingula, Zooplastic, Open Approach	Procedure	ICD-10-PCS
0BYJ	Transplantation / Lower Lung Lobe, Left	Procedure	ICD-10-PCS
0BYJ0Z0	Transplantation of Left Lower Lung Lobe, Allogeneic, Open Approach	Procedure	ICD-10-PCS
0BYJ0Z1	Transplantation of Left Lower Lung Lobe, Syngeneic, Open Approach	Procedure	ICD-10-PCS
0BYJ0Z2	Transplantation of Left Lower Lung Lobe, Zooplastic, Open Approach	Procedure	ICD-10-PCS
0BYK	Transplantation / Lung, Right	Procedure	ICD-10-PCS
0BYK0Z0	Transplantation of Right Lung, Allogeneic, Open Approach	Procedure	ICD-10-PCS
0BYK0Z1	Transplantation of Right Lung, Syngeneic, Open Approach	Procedure	ICD-10-PCS
0BYK0Z2	Transplantation of Right Lung, Zooplastic, Open Approach	Procedure	ICD-10-PCS
0BYL	Transplantation / Lung, Left	Procedure	ICD-10-PCS
0BYL0Z0	Transplantation of Left Lung, Allogeneic, Open Approach	Procedure	ICD-10-PCS
0BYL0Z1	Transplantation of Left Lung, Syngeneic, Open Approach	Procedure	ICD-10-PCS
0BYL0Z2	Transplantation of Left Lung, Zooplastic, Open Approach	Procedure	ICD-10-PCS
0BYM	Transplantation / Lungs, Bilateral	Procedure	ICD-10-PCS
0BYM0Z0	Transplantation of Bilateral Lungs, Allogeneic, Open Approach	Procedure	ICD-10-PCS
0BYM0Z1	Transplantation of Bilateral Lungs, Syngeneic, Open Approach	Procedure	ICD-10-PCS
0BYM0Z2	Transplantation of Bilateral Lungs, Zooplastic, Open Approach	Procedure	ICD-10-PCS
0DY	Gastrointestinal System, Transplantation	Procedure	ICD-10-PCS
0DY5	Transplantation / Esophagus	Procedure	ICD-10-PCS
0DY50Z0	Transplantation of Esophagus, Allogeneic, Open Approach	Procedure	ICD-10-PCS
0DY50Z1	Transplantation of Esophagus, Syngeneic, Open Approach	Procedure	ICD-10-PCS
0DY50Z2	Transplantation of Esophagus, Zooplastic, Open Approach	Procedure	ICD-10-PCS
0DY6	Transplantation / Stomach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
0DY60Z0	Transplantation of Stomach, Allogeneic, Open Approach	Procedure	ICD-10-PCS
0DY60Z1	Transplantation of Stomach, Syngeneic, Open Approach	Procedure	ICD-10-PCS
0DY60Z2	Transplantation of Stomach, Zooplasmic, Open Approach	Procedure	ICD-10-PCS
0DY8	Transplantation / Small Intestine	Procedure	ICD-10-PCS
0DY80Z0	Transplantation of Small Intestine, Allogeneic, Open Approach	Procedure	ICD-10-PCS
0DY80Z1	Transplantation of Small Intestine, Syngeneic, Open Approach	Procedure	ICD-10-PCS
0DY80Z2	Transplantation of Small Intestine, Zooplasmic, Open Approach	Procedure	ICD-10-PCS
0DYE	Transplantation / Large Intestine	Procedure	ICD-10-PCS
0DYE0Z0	Transplantation of Large Intestine, Allogeneic, Open Approach	Procedure	ICD-10-PCS
0DYE0Z1	Transplantation of Large Intestine, Syngeneic, Open Approach	Procedure	ICD-10-PCS
0DYE0Z2	Transplantation of Large Intestine, Zooplasmic, Open Approach	Procedure	ICD-10-PCS
0FY	Hepatobiliary System and Pancreas, Transplantation	Procedure	ICD-10-PCS
0FY0	Transplantation / Liver	Procedure	ICD-10-PCS
0FY00Z0	Transplantation of Liver, Allogeneic, Open Approach	Procedure	ICD-10-PCS
0FY00Z1	Transplantation of Liver, Syngeneic, Open Approach	Procedure	ICD-10-PCS
0FY00Z2	Transplantation of Liver, Zooplasmic, Open Approach	Procedure	ICD-10-PCS
0FYG	Transplantation / Pancreas	Procedure	ICD-10-PCS
0FYG0Z0	Transplantation of Pancreas, Allogeneic, Open Approach	Procedure	ICD-10-PCS
0FYG0Z1	Transplantation of Pancreas, Syngeneic, Open Approach	Procedure	ICD-10-PCS
0FYG0Z2	Transplantation of Pancreas, Zooplasmic, Open Approach	Procedure	ICD-10-PCS
0TY	Urinary System, Transplantation	Procedure	ICD-10-PCS
0TY0	Transplantation / Kidney, Right	Procedure	ICD-10-PCS
0TY00Z0	Transplantation of Right Kidney, Allogeneic, Open Approach	Procedure	ICD-10-PCS
0TY00Z1	Transplantation of Right Kidney, Syngeneic, Open Approach	Procedure	ICD-10-PCS
0TY00Z2	Transplantation of Right Kidney, Zooplasmic, Open Approach	Procedure	ICD-10-PCS
0TY1	Transplantation / Kidney, Left	Procedure	ICD-10-PCS
0TY10Z0	Transplantation of Left Kidney, Allogeneic, Open Approach	Procedure	ICD-10-PCS
0TY10Z1	Transplantation of Left Kidney, Syngeneic, Open Approach	Procedure	ICD-10-PCS
0TY10Z2	Transplantation of Left Kidney, Zooplasmic, Open Approach	Procedure	ICD-10-PCS
0UY	Female Reproductive System, Transplantation	Procedure	ICD-10-PCS
0UY0	Transplantation / Ovary, Right	Procedure	ICD-10-PCS
0UY00Z0	Transplantation of Right Ovary, Allogeneic, Open Approach	Procedure	ICD-10-PCS
0UY00Z1	Transplantation of Right Ovary, Syngeneic, Open Approach	Procedure	ICD-10-PCS
0UY00Z2	Transplantation of Right Ovary, Zooplasmic, Open Approach	Procedure	ICD-10-PCS
0UY1	Transplantation / Ovary, Left	Procedure	ICD-10-PCS
0UY10Z0	Transplantation of Left Ovary, Allogeneic, Open Approach	Procedure	ICD-10-PCS
0UY10Z1	Transplantation of Left Ovary, Syngeneic, Open Approach	Procedure	ICD-10-PCS
0UY10Z2	Transplantation of Left Ovary, Zooplasmic, Open Approach	Procedure	ICD-10-PCS
0UY9	Transplantation / Uterus	Procedure	ICD-10-PCS
0UY90Z0	Transplantation of Uterus, Allogeneic, Open Approach	Procedure	ICD-10-PCS
0UY90Z1	Transplantation of Uterus, Syngeneic, Open Approach	Procedure	ICD-10-PCS
0UY90Z2	Transplantation of Uterus, Zooplasmic, Open Approach	Procedure	ICD-10-PCS
0WY	Anatomical Regions, General, Transplantation	Procedure	ICD-10-PCS
0WY2	Transplantation / Face	Procedure	ICD-10-PCS
0WY20Z0	Transplantation of Face, Allogeneic, Open Approach	Procedure	ICD-10-PCS
0WY20Z1	Transplantation of Face, Syngeneic, Open Approach	Procedure	ICD-10-PCS

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
0XY	Anatomical Regions, Upper Extremities, Transplantation	Procedure	ICD-10-PCS
0XYJ	Transplantation / Hand, Right	Procedure	ICD-10-PCS
0XYJ0Z0	Transplantation of Right Hand, Allogeneic, Open Approach	Procedure	ICD-10-PCS
0XYJ0Z1	Transplantation of Right Hand, Syngeneic, Open Approach	Procedure	ICD-10-PCS
0XYK	Transplantation / Hand, Left	Procedure	ICD-10-PCS
0XYK0Z0	Transplantation of Left Hand, Allogeneic, Open Approach	Procedure	ICD-10-PCS
0XYK0Z1	Transplantation of Left Hand, Syngeneic, Open Approach	Procedure	ICD-10-PCS
23440	Resection or transplantation of long tendon of biceps	Procedure	CPT-4
29868	Arthroscopy, knee, surgical; meniscal transplantation (includes arthrotomy for meniscal insertion), medial or lateral	Procedure	CPT-4
32851	Lung transplant, single; without cardiopulmonary bypass	Procedure	CPT-4
32852	Lung transplant, single; with cardiopulmonary bypass	Procedure	CPT-4
32853	Lung transplant, double (bilateral sequential or en bloc); without cardiopulmonary bypass	Procedure	CPT-4
32854	Lung transplant, double (bilateral sequential or en bloc); with cardiopulmonary bypass	Procedure	CPT-4
33927	Implantation of a total replacement heart system (artificial heart) with recipient cardiectomy	Procedure	CPT-4
33935	Heart-lung transplant with recipient cardiectomy-pneumonectomy	Procedure	CPT-4
33945	Heart transplant, with or without recipient cardiectomy	Procedure	CPT-4
43625	GASTRECTOMY,TOTAL;W REPAIR INTESTINAL TRANSPLANT	Procedure	CPT-4
44135	Intestinal allotransplantation; from cadaver donor	Procedure	CPT-4
44136	Intestinal allotransplantation; from living donor	Procedure	CPT-4
47135	Liver allotransplantation, orthotopic, partial or whole, from cadaver or living donor, any age	Procedure	CPT-4
47136	Liver allotransplantation; heterotopic, partial or whole, from cadaver or living donor, any age	Procedure	CPT-4
48160	Pancreatectomy, total or subtotal, with autologous transplantation of pancreas or pancreatic islet cells	Procedure	CPT-4
48554	Transplantation of pancreatic allograft	Procedure	CPT-4
50340	Recipient nephrectomy (separate procedure)	Procedure	CPT-4
50360	Renal allotransplantation, implantation of graft; without recipient nephrectomy	Procedure	CPT-4
50365	Renal allotransplantation, implantation of graft; with recipient nephrectomy	Procedure	CPT-4
50366	Renal Homotransplantation, Implantation Of Graft	Procedure	CPT-4
50380	Renal autotransplantation, reimplantation of kidney	Procedure	CPT-4
60510	Transplantation Of Parathyroid Gland(s) During Thyroidectomy	Procedure	CPT-4
60512	Parathyroid autotransplantation (List separately in addition to code for primary procedure)	Procedure	CPT-4
65710	Keratoplasty (corneal transplant); anterior lamellar	Procedure	CPT-4
65720	Keratoplasty (corneal Transplant), Lamellar	Procedure	CPT-4
65725	Keratoplasty (corneal Transplant), Lamellar	Procedure	CPT-4
65730	Keratoplasty (corneal transplant); penetrating (except in aphakia or pseudophakia)	Procedure	CPT-4
65740	Keratoplasty (corneal Transplant), Penetrating (except In	Procedure	CPT-4
65745	Keratoplasty (corneal Transplant), Penetrating (except In	Procedure	CPT-4
65750	Keratoplasty (corneal transplant); penetrating (in aphakia)	Procedure	CPT-4

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
65755	Keratoplasty (corneal transplant); penetrating (in pseudophakia)	Procedure	CPT-4
65756	Keratoplasty (corneal transplant); endothelial	Procedure	CPT-4
65767	Epikeratoplasty	Procedure	CPT-4
65780	Ocular surface reconstruction; amniotic membrane transplantation, multiple layers	Procedure	CPT-4
65781	Ocular surface reconstruction; limbal stem cell allograft (eg, cadaveric or living donor)	Procedure	CPT-4
65782	Ocular surface reconstruction; limbal conjunctival autograft (includes obtaining graft)	Procedure	CPT-4
76776	Ultrasound, transplanted kidney, real time and duplex Doppler with image documentation	Procedure	CPT-4
76778	Ultrasound, transplanted kidney, B-scan and/or real time with image documentation, with or without duplex Doppler study	Procedure	CPT-4
81495	Cardiology (heart transplant), mRNA, gene expression profiling by real-time quantitative PCR of 20 genes (11 content and 9 housekeeping), utilizing subfraction of peripheral blood, algorithm reported as a rejection risk score	Procedure	CPT-4
81595	Cardiology (heart transplant), mRNA, gene expression profiling by real-time quantitative PCR of 20 genes (11 content and 9 housekeeping), utilizing subfraction of peripheral blood, algorithm reported as a rejection risk score	Procedure	CPT-4
G0341	Percutaneous islet cell transplant, includes portal vein catheterization and infusion	Procedure	HCPCS
G0342	Laparoscopy for islet cell transplant, includes portal vein catheterization and infusion	Procedure	HCPCS
G0343	Laparotomy for islet cell transplant, includes portal vein catheterization and infusion	Procedure	HCPCS
S2052	Transplantation of small intestine allograft (there are cpt codes available for intestinal allotransplantation - 44135 for graft from cadaver donor or 44136 for graft from living donor)	Procedure	HCPCS
S2053	Transplantation of small intestine and liver allografts	Procedure	HCPCS
S2054	Transplantation of multivisceral organs	Procedure	HCPCS
S2060	Lobar lung transplantation	Procedure	HCPCS
S2065	Simultaneous pancreas kidney transplantation	Procedure	HCPCS
S2102	Islet cell tissue transplant from pancreas; allogeneic	Procedure	HCPCS
S2103	Adrenal tissue transplant to brain	Procedure	HCPCS
S2109	Autologous chondrocyte transplantation (preparation of autologous cultured chondrocytes)	Procedure	HCPCS
S2152	Solid organ(s), complete or segmental, single organ or combination of organs; deceased or living donor(s), procurement, transplantation, and related complications; including: drugs; supplies; hospitalization with outpatient follow-up; medical/surgical, diagnostic, emergency, and rehabilitative services, and the number of days of pre- and posttransplant care in the global definition	Procedure	HCPCS
Coronary Artery Disease			
0210083	Bypass Coronary Artery, One Artery from Coronary Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
0210088	Bypass Coronary Artery, One Artery from Right Internal Mammary with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
0210089	Bypass Coronary Artery, One Artery from Left Internal Mammary with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021008C	Bypass Coronary Artery, One Artery from Thoracic Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021008F	Bypass Coronary Artery, One Artery from Abdominal Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021008W	Bypass Coronary Artery, One Artery from Aorta with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
0210093	Bypass Coronary Artery, One Artery from Coronary Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
0210098	Bypass Coronary Artery, One Artery from Right Internal Mammary with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
0210099	Bypass Coronary Artery, One Artery from Left Internal Mammary with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021009C	Bypass Coronary Artery, One Artery from Thoracic Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021009F	Bypass Coronary Artery, One Artery from Abdominal Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021009W	Bypass Coronary Artery, One Artery from Aorta with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
02100A3	Bypass Coronary Artery, One Artery from Coronary Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02100A8	Bypass Coronary Artery, One Artery from Right Internal Mammary with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02100A9	Bypass Coronary Artery, One Artery from Left Internal Mammary with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02100AC	Bypass Coronary Artery, One Artery from Thoracic Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02100AF	Bypass Coronary Artery, One Artery from Abdominal Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02100AW	Bypass Coronary Artery, One Artery from Aorta with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02100J3	Bypass Coronary Artery, One Artery from Coronary Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02100J8	Bypass Coronary Artery, One Artery from Right Internal Mammary with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02100J9	Bypass Coronary Artery, One Artery from Left Internal Mammary with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02100JC	Bypass Coronary Artery, One Artery from Thoracic Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02100JF	Bypass Coronary Artery, One Artery from Abdominal Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02100JW	Bypass Coronary Artery, One Artery from Aorta with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02100K3	Bypass Coronary Artery, One Artery from Coronary Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
02100K8	Bypass Coronary Artery, One Artery from Right Internal Mammary with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02100K9	Bypass Coronary Artery, One Artery from Left Internal Mammary with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02100KC	Bypass Coronary Artery, One Artery from Thoracic Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02100KF	Bypass Coronary Artery, One Artery from Abdominal Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02100KW	Bypass Coronary Artery, One Artery from Aorta with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02100Z3	Bypass Coronary Artery, One Artery from Coronary Artery, Open Approach	Procedure	ICD-10-PCS
02100Z8	Bypass Coronary Artery, One Artery from Right Internal Mammary, Open Approach	Procedure	ICD-10-PCS
02100Z9	Bypass Coronary Artery, One Artery from Left Internal Mammary, Open Approach	Procedure	ICD-10-PCS
02100ZC	Bypass Coronary Artery, One Artery from Thoracic Artery, Open Approach	Procedure	ICD-10-PCS
02100ZF	Bypass Coronary Artery, One Artery from Abdominal Artery, Open Approach	Procedure	ICD-10-PCS
0210483	Bypass Coronary Artery, One Artery from Coronary Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0210488	Bypass Coronary Artery, One Artery from Right Internal Mammary with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0210489	Bypass Coronary Artery, One Artery from Left Internal Mammary with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021048C	Bypass Coronary Artery, One Artery from Thoracic Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021048F	Bypass Coronary Artery, One Artery from Abdominal Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021048W	Bypass Coronary Artery, One Artery from Aorta with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0210493	Bypass Coronary Artery, One Artery from Coronary Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0210498	Bypass Coronary Artery, One Artery from Right Internal Mammary with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0210499	Bypass Coronary Artery, One Artery from Left Internal Mammary with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021049C	Bypass Coronary Artery, One Artery from Thoracic Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021049F	Bypass Coronary Artery, One Artery from Abdominal Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021049W	Bypass Coronary Artery, One Artery from Aorta with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104A3	Bypass Coronary Artery, One Artery from Coronary Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104A8	Bypass Coronary Artery, One Artery from Right Internal Mammary with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104A9	Bypass Coronary Artery, One Artery from Left Internal Mammary with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
02104AC	Bypass Coronary Artery, One Artery from Thoracic Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104AF	Bypass Coronary Artery, One Artery from Abdominal Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104AW	Bypass Coronary Artery, One Artery from Aorta with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104J3	Bypass Coronary Artery, One Artery from Coronary Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104J8	Bypass Coronary Artery, One Artery from Right Internal Mammary with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104J9	Bypass Coronary Artery, One Artery from Left Internal Mammary with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104JC	Bypass Coronary Artery, One Artery from Thoracic Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104JF	Bypass Coronary Artery, One Artery from Abdominal Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104JW	Bypass Coronary Artery, One Artery from Aorta with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104K3	Bypass Coronary Artery, One Artery from Coronary Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104K8	Bypass Coronary Artery, One Artery from Right Internal Mammary with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104K9	Bypass Coronary Artery, One Artery from Left Internal Mammary with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104KC	Bypass Coronary Artery, One Artery from Thoracic Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104KF	Bypass Coronary Artery, One Artery from Abdominal Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104KW	Bypass Coronary Artery, One Artery from Aorta with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104Z3	Bypass Coronary Artery, One Artery from Coronary Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104Z8	Bypass Coronary Artery, One Artery from Right Internal Mammary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104Z9	Bypass Coronary Artery, One Artery from Left Internal Mammary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104ZC	Bypass Coronary Artery, One Artery from Thoracic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104ZF	Bypass Coronary Artery, One Artery from Abdominal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0211083	Bypass Coronary Artery, Two Arteries from Coronary Artery with Zooplasic Tissue, Open Approach	Procedure	ICD-10-PCS
0211088	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Zooplasic Tissue, Open Approach	Procedure	ICD-10-PCS
0211089	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Zooplasic Tissue, Open Approach	Procedure	ICD-10-PCS

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
021108C	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021108F	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021108W	Bypass Coronary Artery, Two Arteries from Aorta with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
0211093	Bypass Coronary Artery, Two Arteries from Coronary Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
0211098	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
0211099	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021109C	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021109F	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021109W	Bypass Coronary Artery, Two Arteries from Aorta with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
02110A3	Bypass Coronary Artery, Two Arteries from Coronary Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02110A8	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02110A9	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02110AC	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02110AF	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02110AW	Bypass Coronary Artery, Two Arteries from Aorta with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02110J3	Bypass Coronary Artery, Two Arteries from Coronary Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02110J8	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02110J9	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02110JC	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02110JF	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02110JW	Bypass Coronary Artery, Two Arteries from Aorta with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02110K3	Bypass Coronary Artery, Two Arteries from Coronary Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02110K8	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
02110K9	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02110KC	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02110KF	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02110KW	Bypass Coronary Artery, Two Arteries from Aorta with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02110Z3	Bypass Coronary Artery, Two Arteries from Coronary Artery, Open Approach	Procedure	ICD-10-PCS
02110Z8	Bypass Coronary Artery, Two Arteries from Right Internal Mammary, Open Approach	Procedure	ICD-10-PCS
02110Z9	Bypass Coronary Artery, Two Arteries from Left Internal Mammary, Open Approach	Procedure	ICD-10-PCS
02110ZC	Bypass Coronary Artery, Two Arteries from Thoracic Artery, Open Approach	Procedure	ICD-10-PCS
02110ZF	Bypass Coronary Artery, Two Arteries from Abdominal Artery, Open Approach	Procedure	ICD-10-PCS
0211483	Bypass Coronary Artery, Two Arteries from Coronary Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0211488	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0211489	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021148C	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021148F	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021148W	Bypass Coronary Artery, Two Arteries from Aorta with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0211493	Bypass Coronary Artery, Two Arteries from Coronary Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0211498	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0211499	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021149C	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021149F	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021149W	Bypass Coronary Artery, Two Arteries from Aorta with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114A3	Bypass Coronary Artery, Two Arteries from Coronary Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114A8	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114A9	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114AC	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
02114AF	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114AW	Bypass Coronary Artery, Two Arteries from Aorta with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114J3	Bypass Coronary Artery, Two Arteries from Coronary Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114J8	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114J9	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114JC	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114JF	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114JW	Bypass Coronary Artery, Two Arteries from Aorta with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114K3	Bypass Coronary Artery, Two Arteries from Coronary Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114K8	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114K9	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114KC	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114KF	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114KW	Bypass Coronary Artery, Two Arteries from Aorta with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114Z3	Bypass Coronary Artery, Two Arteries from Coronary Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114Z8	Bypass Coronary Artery, Two Arteries from Right Internal Mammary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114Z9	Bypass Coronary Artery, Two Arteries from Left Internal Mammary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114ZC	Bypass Coronary Artery, Two Arteries from Thoracic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114ZF	Bypass Coronary Artery, Two Arteries from Abdominal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0212083	Bypass Coronary Artery, Three Arteries from Coronary Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
0212088	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
0212089	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021208C	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
021208F	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021208W	Bypass Coronary Artery, Three Arteries from Aorta with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
0212093	Bypass Coronary Artery, Three Arteries from Coronary Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
0212098	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
0212099	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021209C	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021209F	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021209W	Bypass Coronary Artery, Three Arteries from Aorta with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
02120A3	Bypass Coronary Artery, Three Arteries from Coronary Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02120A8	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02120A9	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02120AC	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02120AF	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02120AW	Bypass Coronary Artery, Three Arteries from Aorta with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02120J3	Bypass Coronary Artery, Three Arteries from Coronary Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02120J8	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02120J9	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02120JC	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02120JF	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02120JW	Bypass Coronary Artery, Three Arteries from Aorta with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02120K3	Bypass Coronary Artery, Three Arteries from Coronary Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02120K8	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02120K9	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
02120KC	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02120KF	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02120KW	Bypass Coronary Artery, Three Arteries from Aorta with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02120Z3	Bypass Coronary Artery, Three Arteries from Coronary Artery, Open Approach	Procedure	ICD-10-PCS
02120Z8	Bypass Coronary Artery, Three Arteries from Right Internal Mammary, Open Approach	Procedure	ICD-10-PCS
02120Z9	Bypass Coronary Artery, Three Arteries from Left Internal Mammary, Open Approach	Procedure	ICD-10-PCS
02120ZC	Bypass Coronary Artery, Three Arteries from Thoracic Artery, Open Approach	Procedure	ICD-10-PCS
02120ZF	Bypass Coronary Artery, Three Arteries from Abdominal Artery, Open Approach	Procedure	ICD-10-PCS
0212483	Bypass Coronary Artery, Three Arteries from Coronary Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0212488	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0212489	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021248C	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021248F	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021248W	Bypass Coronary Artery, Three Arteries from Aorta with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0212493	Bypass Coronary Artery, Three Arteries from Coronary Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0212498	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0212499	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021249C	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021249F	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021249W	Bypass Coronary Artery, Three Arteries from Aorta with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124A3	Bypass Coronary Artery, Three Arteries from Coronary Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124A8	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124A9	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124AC	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
02124AF	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124AW	Bypass Coronary Artery, Three Arteries from Aorta with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124J3	Bypass Coronary Artery, Three Arteries from Coronary Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124J8	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124J9	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124JC	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124JF	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124JW	Bypass Coronary Artery, Three Arteries from Aorta with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124K3	Bypass Coronary Artery, Three Arteries from Coronary Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124K8	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124K9	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124KC	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124KF	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124KW	Bypass Coronary Artery, Three Arteries from Aorta with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124Z3	Bypass Coronary Artery, Three Arteries from Coronary Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124Z8	Bypass Coronary Artery, Three Arteries from Right Internal Mammary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124Z9	Bypass Coronary Artery, Three Arteries from Left Internal Mammary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124ZC	Bypass Coronary Artery, Three Arteries from Thoracic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124ZF	Bypass Coronary Artery, Three Arteries from Abdominal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0213083	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
0213088	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
0213089	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021308C	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
021308F	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021308W	Bypass Coronary Artery, Four or More Arteries from Aorta with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
0213093	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
0213098	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
0213099	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021309C	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021309F	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021309W	Bypass Coronary Artery, Four or More Arteries from Aorta with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
02130A3	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02130A8	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02130A9	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02130AC	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02130AF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02130AW	Bypass Coronary Artery, Four or More Arteries from Aorta with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02130J3	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02130J8	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02130J9	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02130JC	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02130JF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02130JW	Bypass Coronary Artery, Four or More Arteries from Aorta with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02130K3	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02130K8	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02130K9	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
02130KC	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02130KF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02130KW	Bypass Coronary Artery, Four or More Arteries from Aorta with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02130Z3	Bypass Coronary Artery, Four or More Arteries from Coronary Artery, Open Approach	Procedure	ICD-10-PCS
02130Z8	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary, Open Approach	Procedure	ICD-10-PCS
02130Z9	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary, Open Approach	Procedure	ICD-10-PCS
02130ZC	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery, Open Approach	Procedure	ICD-10-PCS
02130ZF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery, Open Approach	Procedure	ICD-10-PCS
0213483	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0213488	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0213489	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021348C	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021348F	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021348W	Bypass Coronary Artery, Four or More Arteries from Aorta with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0213493	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0213498	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0213499	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021349C	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021349F	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021349W	Bypass Coronary Artery, Four or More Arteries from Aorta with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134A3	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134A8	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134A9	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134AC	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
02134AF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134AW	Bypass Coronary Artery, Four or More Arteries from Aorta with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134J3	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134J8	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134J9	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134JC	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134JF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134JW	Bypass Coronary Artery, Four or More Arteries from Aorta with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134K3	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134K8	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134K9	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134KC	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134KF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134KW	Bypass Coronary Artery, Four or More Arteries from Aorta with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134Z3	Bypass Coronary Artery, Four or More Arteries from Coronary Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134Z8	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134Z9	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134ZC	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134ZF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021K0Z8	Bypass Right Ventricle to Right Internal Mammary, Open Approach	Procedure	ICD-10-PCS
021K0Z9	Bypass Right Ventricle to Left Internal Mammary, Open Approach	Procedure	ICD-10-PCS
021K0ZC	Bypass Right Ventricle to Thoracic Artery, Open Approach	Procedure	ICD-10-PCS
021K0ZF	Bypass Right Ventricle to Abdominal Artery, Open Approach	Procedure	ICD-10-PCS
021K0ZW	Bypass Right Ventricle to Aorta, Open Approach	Procedure	ICD-10-PCS
021K4Z8	Bypass Right Ventricle to Right Internal Mammary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
021K4Z9	Bypass Right Ventricle to Left Internal Mammary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021K4ZC	Bypass Right Ventricle to Thoracic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021K4ZF	Bypass Right Ventricle to Abdominal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021K4ZW	Bypass Right Ventricle to Aorta, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L08P	Bypass Left Ventricle to Pulmonary Trunk with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021L08Q	Bypass Left Ventricle to Right Pulmonary Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021L08R	Bypass Left Ventricle to Left Pulmonary Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021L09P	Bypass Left Ventricle to Pulmonary Trunk with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021L09Q	Bypass Left Ventricle to Right Pulmonary Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021L09R	Bypass Left Ventricle to Left Pulmonary Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021L0AP	Bypass Left Ventricle to Pulmonary Trunk with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
021L0AQ	Bypass Left Ventricle to Right Pulmonary Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
021L0AR	Bypass Left Ventricle to Left Pulmonary Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
021L0JP	Bypass Left Ventricle to Pulmonary Trunk with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
021L0JQ	Bypass Left Ventricle to Right Pulmonary Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
021L0JR	Bypass Left Ventricle to Left Pulmonary Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
021L0KP	Bypass Left Ventricle to Pulmonary Trunk with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
021L0KQ	Bypass Left Ventricle to Right Pulmonary Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
021L0KR	Bypass Left Ventricle to Left Pulmonary Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
021L0Z8	Bypass Left Ventricle to Right Internal Mammary, Open Approach	Procedure	ICD-10-PCS
021L0Z9	Bypass Left Ventricle to Left Internal Mammary, Open Approach	Procedure	ICD-10-PCS
021L0ZC	Bypass Left Ventricle to Thoracic Artery, Open Approach	Procedure	ICD-10-PCS
021L0ZF	Bypass Left Ventricle to Abdominal Artery, Open Approach	Procedure	ICD-10-PCS
021L0ZP	Bypass Left Ventricle to Pulmonary Trunk, Open Approach	Procedure	ICD-10-PCS
021L0ZQ	Bypass Left Ventricle to Right Pulmonary Artery, Open Approach	Procedure	ICD-10-PCS
021L0ZR	Bypass Left Ventricle to Left Pulmonary Artery, Open Approach	Procedure	ICD-10-PCS
021L48P	Bypass Left Ventricle to Pulmonary Trunk with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L48Q	Bypass Left Ventricle to Right Pulmonary Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
021L48R	Bypass Left Ventricle to Left Pulmonary Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L49P	Bypass Left Ventricle to Pulmonary Trunk with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L49Q	Bypass Left Ventricle to Right Pulmonary Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L49R	Bypass Left Ventricle to Left Pulmonary Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4AP	Bypass Left Ventricle to Pulmonary Trunk with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4AQ	Bypass Left Ventricle to Right Pulmonary Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4AR	Bypass Left Ventricle to Left Pulmonary Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4JP	Bypass Left Ventricle to Pulmonary Trunk with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4JQ	Bypass Left Ventricle to Right Pulmonary Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4JR	Bypass Left Ventricle to Left Pulmonary Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4KP	Bypass Left Ventricle to Pulmonary Trunk with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4KQ	Bypass Left Ventricle to Right Pulmonary Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4KR	Bypass Left Ventricle to Left Pulmonary Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4Z8	Bypass Left Ventricle to Right Internal Mammary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4Z9	Bypass Left Ventricle to Left Internal Mammary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4ZC	Bypass Left Ventricle to Thoracic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4ZF	Bypass Left Ventricle to Abdominal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4ZP	Bypass Left Ventricle to Pulmonary Trunk, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4ZQ	Bypass Left Ventricle to Right Pulmonary Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4ZR	Bypass Left Ventricle to Left Pulmonary Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0270046	Dilation of Coronary Artery, One Artery, Bifurcation, with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
027004Z	Dilation of Coronary Artery, One Artery with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0270056	Dilation of Coronary Artery, One Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
027005Z	Dilation of Coronary Artery, One Artery with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0270066	Dilation of Coronary Artery, One Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
027006Z	Dilation of Coronary Artery, One Artery with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0270076	Dilation of Coronary Artery, One Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
027007Z	Dilation of Coronary Artery, One Artery with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02700D6	Dilation of Coronary Artery, One Artery, Bifurcation, with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02700DZ	Dilation of Coronary Artery, One Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02700E6	Dilation of Coronary Artery, One Artery, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02700EZ	Dilation of Coronary Artery, One Artery with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02700F6	Dilation of Coronary Artery, One Artery, Bifurcation, with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02700FZ	Dilation of Coronary Artery, One Artery with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02700G6	Dilation of Coronary Artery, One Artery, Bifurcation, with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02700GZ	Dilation of Coronary Artery, One Artery with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02700T6	Dilation of Coronary Artery, One Artery, Bifurcation, with Radioactive Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02700TZ	Dilation of Coronary Artery, One Artery with Radioactive Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02700Z6	Dilation of Coronary Artery, One Artery, Bifurcation, Open Approach	Procedure	ICD-10-PCS
02700ZZ	Dilation of Coronary Artery, One Artery, Open Approach	Procedure	ICD-10-PCS
0270346	Dilation of Coronary Artery, One Artery, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
027034Z	Dilation of Coronary Artery, One Artery with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0270356	Dilation of Coronary Artery, One Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
027035Z	Dilation of Coronary Artery, One Artery with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0270366	Dilation of Coronary Artery, One Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
027036Z	Dilation of Coronary Artery, One Artery with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0270376	Dilation of Coronary Artery, One Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
027037Z	Dilation of Coronary Artery, One Artery with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02703D6	Dilation of Coronary Artery, One Artery, Bifurcation, with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
02703DZ	Dilation of Coronary Artery, One Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02703E6	Dilation of Coronary Artery, One Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02703EZ	Dilation of Coronary Artery, One Artery with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02703F6	Dilation of Coronary Artery, One Artery, Bifurcation, with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02703FZ	Dilation of Coronary Artery, One Artery with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02703G6	Dilation of Coronary Artery, One Artery, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02703GZ	Dilation of Coronary Artery, One Artery with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02703T6	Dilation of Coronary Artery, One Artery, Bifurcation, with Radioactive Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02703TZ	Dilation of Coronary Artery, One Artery with Radioactive Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0270446	Dilation of Coronary Artery, One Artery, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027044Z	Dilation of Coronary Artery, One Artery with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0270456	Dilation of Coronary Artery, One Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027045Z	Dilation of Coronary Artery, One Artery with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0270466	Dilation of Coronary Artery, One Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027046Z	Dilation of Coronary Artery, One Artery with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0270476	Dilation of Coronary Artery, One Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027047Z	Dilation of Coronary Artery, One Artery with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02704D6	Dilation of Coronary Artery, One Artery, Bifurcation, with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02704DZ	Dilation of Coronary Artery, One Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02704E6	Dilation of Coronary Artery, One Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02704EZ	Dilation of Coronary Artery, One Artery with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02704F6	Dilation of Coronary Artery, One Artery, Bifurcation, with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02704FZ	Dilation of Coronary Artery, One Artery with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
02704G6	Dilation of Coronary Artery, One Artery, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02704GZ	Dilation of Coronary Artery, One Artery with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02704T6	Dilation of Coronary Artery, One Artery, Bifurcation, with Radioactive Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02704TZ	Dilation of Coronary Artery, One Artery with Radioactive Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0271046	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
027104Z	Dilation of Coronary Artery, Two Arteries with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0271056	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
027105Z	Dilation of Coronary Artery, Two Arteries with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0271066	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
027106Z	Dilation of Coronary Artery, Two Arteries with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0271076	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
027107Z	Dilation of Coronary Artery, Two Arteries with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02710D6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02710DZ	Dilation of Coronary Artery, Two Arteries with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02710E6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02710EZ	Dilation of Coronary Artery, Two Arteries with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02710F6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02710FZ	Dilation of Coronary Artery, Two Arteries with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02710G6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02710GZ	Dilation of Coronary Artery, Two Arteries with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02710T6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Radioactive Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02710TZ	Dilation of Coronary Artery, Two Arteries with Radioactive Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02710Z6	Dilation of Coronary Artery, Two Arteries, Bifurcation, Open Approach	Procedure	ICD-10-PCS
02710ZZ	Dilation of Coronary Artery, Two Arteries, Open Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
0271346	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
027134Z	Dilation of Coronary Artery, Two Arteries with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0271356	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
027135Z	Dilation of Coronary Artery, Two Arteries with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0271366	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
027136Z	Dilation of Coronary Artery, Two Arteries with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0271376	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
027137Z	Dilation of Coronary Artery, Two Arteries with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02713D6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02713DZ	Dilation of Coronary Artery, Two Arteries with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02713E6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02713EZ	Dilation of Coronary Artery, Two Arteries with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02713F6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02713FZ	Dilation of Coronary Artery, Two Arteries with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02713G6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02713GZ	Dilation of Coronary Artery, Two Arteries with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02713T6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Radioactive Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02713TZ	Dilation of Coronary Artery, Two Arteries with Radioactive Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0271446	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027144Z	Dilation of Coronary Artery, Two Arteries with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0271456	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027145Z	Dilation of Coronary Artery, Two Arteries with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0271466	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
027146Z	Dilation of Coronary Artery, Two Arteries with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0271476	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027147Z	Dilation of Coronary Artery, Two Arteries with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02714D6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02714DZ	Dilation of Coronary Artery, Two Arteries with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02714E6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02714EZ	Dilation of Coronary Artery, Two Arteries with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02714F6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02714FZ	Dilation of Coronary Artery, Two Arteries with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02714G6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02714GZ	Dilation of Coronary Artery, Two Arteries with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02714T6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Radioactive Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02714TZ	Dilation of Coronary Artery, Two Arteries with Radioactive Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0272046	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
027204Z	Dilation of Coronary Artery, Three Arteries with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0272056	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
027205Z	Dilation of Coronary Artery, Three Arteries with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0272066	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
027206Z	Dilation of Coronary Artery, Three Arteries with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0272076	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
027207Z	Dilation of Coronary Artery, Three Arteries with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02720D6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02720DZ	Dilation of Coronary Artery, Three Arteries with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
02720E6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02720EZ	Dilation of Coronary Artery, Three Arteries with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02720F6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02720FZ	Dilation of Coronary Artery, Three Arteries with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02720G6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02720GZ	Dilation of Coronary Artery, Three Arteries with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02720T6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Radioactive Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02720TZ	Dilation of Coronary Artery, Three Arteries with Radioactive Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02720Z6	Dilation of Coronary Artery, Three Arteries, Bifurcation, Open Approach	Procedure	ICD-10-PCS
02720ZZ	Dilation of Coronary Artery, Three Arteries, Open Approach	Procedure	ICD-10-PCS
0272346	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
027234Z	Dilation of Coronary Artery, Three Arteries with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0272356	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
027235Z	Dilation of Coronary Artery, Three Arteries with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0272366	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
027236Z	Dilation of Coronary Artery, Three Arteries with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0272376	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
027237Z	Dilation of Coronary Artery, Three Arteries with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02723D6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02723DZ	Dilation of Coronary Artery, Three Arteries with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02723E6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02723EZ	Dilation of Coronary Artery, Three Arteries with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02723F6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02723FZ	Dilation of Coronary Artery, Three Arteries with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
02723G6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02723GZ	Dilation of Coronary Artery, Three Arteries with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02723T6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Radioactive Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02723TZ	Dilation of Coronary Artery, Three Arteries with Radioactive Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0272446	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027244Z	Dilation of Coronary Artery, Three Arteries with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0272456	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027245Z	Dilation of Coronary Artery, Three Arteries with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0272466	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027246Z	Dilation of Coronary Artery, Three Arteries with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0272476	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027247Z	Dilation of Coronary Artery, Three Arteries with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02724D6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02724DZ	Dilation of Coronary Artery, Three Arteries with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02724E6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02724EZ	Dilation of Coronary Artery, Three Arteries with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02724F6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02724FZ	Dilation of Coronary Artery, Three Arteries with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02724G6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02724GZ	Dilation of Coronary Artery, Three Arteries with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02724T6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Radioactive Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02724TZ	Dilation of Coronary Artery, Three Arteries with Radioactive Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0273046	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
027304Z	Dilation of Coronary Artery, Four or More Arteries with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0273056	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
027305Z	Dilation of Coronary Artery, Four or More Arteries with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0273066	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
027306Z	Dilation of Coronary Artery, Four or More Arteries with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0273076	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
027307Z	Dilation of Coronary Artery, Four or More Arteries with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02730D6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02730DZ	Dilation of Coronary Artery, Four or More Arteries with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02730E6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02730EZ	Dilation of Coronary Artery, Four or More Arteries with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02730F6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02730FZ	Dilation of Coronary Artery, Four or More Arteries with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02730G6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02730GZ	Dilation of Coronary Artery, Four or More Arteries with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02730T6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Radioactive Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02730TZ	Dilation of Coronary Artery, Four or More Arteries with Radioactive Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02730Z6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, Open Approach	Procedure	ICD-10-PCS
02730ZZ	Dilation of Coronary Artery, Four or More Arteries, Open Approach	Procedure	ICD-10-PCS
0273346	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
027334Z	Dilation of Coronary Artery, Four or More Arteries with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0273356	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
027335Z	Dilation of Coronary Artery, Four or More Arteries with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0273366	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
027336Z	Dilation of Coronary Artery, Four or More Arteries with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0273376	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
027337Z	Dilation of Coronary Artery, Four or More Arteries with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02733D6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02733DZ	Dilation of Coronary Artery, Four or More Arteries with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02733E6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02733EZ	Dilation of Coronary Artery, Four or More Arteries with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02733F6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02733FZ	Dilation of Coronary Artery, Four or More Arteries with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02733G6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02733GZ	Dilation of Coronary Artery, Four or More Arteries with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02733T6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Radioactive Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02733TZ	Dilation of Coronary Artery, Four or More Arteries with Radioactive Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0273446	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027344Z	Dilation of Coronary Artery, Four or More Arteries with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0273456	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027345Z	Dilation of Coronary Artery, Four or More Arteries with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0273466	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027346Z	Dilation of Coronary Artery, Four or More Arteries with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0273476	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027347Z	Dilation of Coronary Artery, Four or More Arteries with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02734D6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02734DZ	Dilation of Coronary Artery, Four or More Arteries with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
02734E6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02734EZ	Dilation of Coronary Artery, Four or More Arteries with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02734F6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02734FZ	Dilation of Coronary Artery, Four or More Arteries with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02734G6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02734GZ	Dilation of Coronary Artery, Four or More Arteries with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02734T6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Radioactive Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02734TZ	Dilation of Coronary Artery, Four or More Arteries with Radioactive Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02C00Z6	Extirpation of Matter from Coronary Artery, One Artery, Bifurcation, Open Approach	Procedure	ICD-10-PCS
02C00ZZ	Extirpation of Matter from Coronary Artery, One Artery, Open Approach	Procedure	ICD-10-PCS
02C03Z6	Extirpation of Matter from Coronary Artery, One Artery, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
02C03ZZ	Extirpation of Matter from Coronary Artery, One Artery, Percutaneous Approach	Procedure	ICD-10-PCS
02C04Z6	Extirpation of Matter from Coronary Artery, One Artery, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02C04ZZ	Extirpation of Matter from Coronary Artery, One Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02C10Z6	Extirpation of Matter from Coronary Artery, Two Arteries, Bifurcation, Open Approach	Procedure	ICD-10-PCS
02C10ZZ	Extirpation of Matter from Coronary Artery, Two Arteries, Open Approach	Procedure	ICD-10-PCS
02C13Z6	Extirpation of Matter from Coronary Artery, Two Arteries, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
02C13ZZ	Extirpation of Matter from Coronary Artery, Two Arteries, Percutaneous Approach	Procedure	ICD-10-PCS
02C14Z6	Extirpation of Matter from Coronary Artery, Two Arteries, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02C14ZZ	Extirpation of Matter from Coronary Artery, Two Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02C20Z6	Extirpation of Matter from Coronary Artery, Three Arteries, Bifurcation, Open Approach	Procedure	ICD-10-PCS
02C20ZZ	Extirpation of Matter from Coronary Artery, Three Arteries, Open Approach	Procedure	ICD-10-PCS
02C23Z6	Extirpation of Matter from Coronary Artery, Three Arteries, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
02C23ZZ	Extirpation of Matter from Coronary Artery, Three Arteries, Percutaneous Approach	Procedure	ICD-10-PCS
02C24Z6	Extirpation of Matter from Coronary Artery, Three Arteries, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02C24ZZ	Extirpation of Matter from Coronary Artery, Three Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
02C30Z6	Extirpation of Matter from Coronary Artery, Four or More Arteries, Bifurcation, Open Approach	Procedure	ICD-10-PCS
02C30ZZ	Extirpation of Matter from Coronary Artery, Four or More Arteries, Open Approach	Procedure	ICD-10-PCS
02C33Z6	Extirpation of Matter from Coronary Artery, Four or More Arteries, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
02C33ZZ	Extirpation of Matter from Coronary Artery, Four or More Arteries, Percutaneous Approach	Procedure	ICD-10-PCS
02C34Z6	Extirpation of Matter from Coronary Artery, Four or More Arteries, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02C34ZZ	Extirpation of Matter from Coronary Artery, Four or More Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
33510	Coronary artery bypass, vein only; single coronary venous graft	Procedure	CPT-4
33511	Coronary artery bypass, vein only; 2 coronary venous grafts	Procedure	CPT-4
33512	Coronary artery bypass, vein only; 3 coronary venous grafts	Procedure	CPT-4
33513	Coronary artery bypass, vein only; 4 coronary venous grafts	Procedure	CPT-4
33514	Coronary artery bypass, vein only; 5 coronary venous grafts	Procedure	CPT-4
33516	Coronary artery bypass, vein only; 6 or more coronary venous grafts	Procedure	CPT-4
33517	Coronary artery bypass, using venous graft(s) and arterial graft(s); single vein graft (List separately in addition to code for primary procedure)	Procedure	CPT-4
33518	Coronary artery bypass, using venous graft(s) and arterial graft(s); 2 venous grafts (List separately in addition to code for primary procedure)	Procedure	CPT-4
33519	Coronary artery bypass, using venous graft(s) and arterial graft(s); 3 venous grafts (List separately in addition to code for primary procedure)	Procedure	CPT-4
33520	Coronary Artery Bypass, Nonautogenous Graft (eg, Synthetic Or Cadaver); Single Graft	Procedure	CPT-4
33521	Coronary artery bypass, using venous graft(s) and arterial graft(s); 4 venous grafts (List separately in addition to code for primary procedure)	Procedure	CPT-4
33522	Coronary artery bypass, using venous graft(s) and arterial graft(s); 5 venous grafts (List separately in addition to code for primary procedure)	Procedure	CPT-4
33523	Coronary artery bypass, using venous graft(s) and arterial graft(s); 6 or more venous grafts (List separately in addition to code for primary procedure)	Procedure	CPT-4
33525	Coronary Artery Bypass, Nonautogenous Graft (eg, Synthetic Or Cadaver); Two Coronary Grafts	Procedure	CPT-4
33528	Coronary Artery Bypass, Nonautogenous Graft (eg, Synthetic Or Cadaver); Three Or More Coronary Grafts	Procedure	CPT-4
33530	Reoperation, coronary artery bypass procedure or valve procedure, more than 1 month after original operation (List separately in addition to code for primary procedure)	Procedure	CPT-4
33533	Coronary artery bypass, using arterial graft(s); single arterial graft	Procedure	CPT-4
33534	Coronary artery bypass, using arterial graft(s); 2 coronary arterial grafts	Procedure	CPT-4
33535	Coronary artery bypass, using arterial graft(s); 3 coronary arterial grafts	Procedure	CPT-4
33536	Coronary artery bypass, using arterial graft(s); 4 or more coronary arterial grafts	Procedure	CPT-4
33560	Myocardial Operation Combined With Coronary Bypass Procedure	Procedure	CPT-4
33570	CORONARY ANGIOPLASTY W/BYPASS	Procedure	CPT-4

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
33572	Coronary endarterectomy, open, any method, of left anterior descending, circumflex, or right coronary artery performed in conjunction with coronary artery bypass graft procedure, each vessel (List separately in addition to primary procedure)	Procedure	CPT-4
33575	CORON ANGIOPLSTY W/BYPASS; COMBO W/VASCULARIZAT	Procedure	CPT-4
34701	Endovascular repair of infrarenal aorta by deployment of an aorto-aortic tube endograft including pre-procedure sizing and device selection, all nonselective catheterization(s), all associated radiological supervision and interpretation, all endograft extension(s) placed in the aorta from the level of the renal arteries to the aortic bifurcation, and all angioplasty/stenting performed from the level of the renal arteries to the aortic bifurcation; for other than rupture (eg, for aneurysm, pseudoaneurysm, dissection, penetrating ulcer)	Procedure	CPT-4
34702	Endovascular repair of infrarenal aorta by deployment of an aorto-aortic tube endograft including pre-procedure sizing and device selection, all nonselective catheterization(s), all associated radiological supervision and interpretation, all endograft extension(s) placed in the aorta from the level of the renal arteries to the aortic bifurcation, and all angioplasty/stenting performed from the level of the renal arteries to the aortic bifurcation; for rupture including temporary aortic and/or iliac balloon occlusion, when performed (eg, for aneurysm, pseudoaneurysm, dissection, penetrating ulc	Procedure	CPT-4
34703	Endovascular repair of infrarenal aorta and/or iliac artery(ies) by deployment of an aorto-uni-iliac endograft including pre-procedure sizing and device selection, all nonselective catheterization(s), all associated radiological supervision and interpretation, all endograft extension(s) placed in the aorta from the level of the renal arteries to the iliac bifurcation, and all angioplasty/stenting performed from the level of the renal arteries to the iliac bifurcation; for other than rupture (eg, for aneurysm, pseudoaneurysm, dissection, penetrating ulcer)	Procedure	CPT-4
34704	Endovascular repair of infrarenal aorta and/or iliac artery(ies) by deployment of an aorto-uni-iliac endograft including pre-procedure sizing and device selection, all nonselective catheterization(s), all associated radiological supervision and interpretation, all endograft extension(s) placed in the aorta from the level of the renal arteries to the iliac bifurcation, and all angioplasty/stenting performed from the level of the renal arteries to the iliac bifurcation; for rupture including temporary aortic and/or iliac balloon occlusion, when performed (eg, for aneurysm, pseudoaneurysm, dissec	Procedure	CPT-4
34705	Endovascular repair of infrarenal aorta and/or iliac artery(ies) by deployment of an aorto-bi-iliac endograft including pre-procedure sizing and device selection, all nonselective catheterization(s), all associated radiological supervision and interpretation, all endograft extension(s) placed in the aorta from the level of the renal arteries to the iliac bifurcation, and all angioplasty/stenting performed from the level of the renal arteries to the iliac bifurcation; for other than rupture (eg, for aneurysm, pseudoaneurysm, dissection, penetrating ulcer)	Procedure	CPT-4

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
34706	Endovascular repair of infrarenal aorta and/or iliac artery(ies) by deployment of an aorto-bi-iliac endograft including pre-procedure sizing and device selection, all nonselective catheterization(s), all associated radiological supervision and interpretation, all endograft extension(s) placed in the aorta from the level of the renal arteries to the iliac bifurcation, and all angioplasty/stenting performed from the level of the renal arteries to the iliac bifurcation; for rupture including temporary aortic and/or iliac balloon occlusion, when performed (eg, for aneurysm, pseudoaneurysm, dissect	Procedure	CPT-4
34707	Endovascular repair of iliac artery by deployment of an ilio-iliac tube endograft including pre-procedure sizing and device selection, all nonselective catheterization(s), all associated radiological supervision and interpretation, and all endograft extension(s) proximally to the aortic bifurcation and distally to the iliac bifurcation, and treatment zone angioplasty/stenting, when performed, unilateral; for other than rupture (eg, for aneurysm, pseudoaneurysm, dissection, arteriovenous malformation)	Procedure	CPT-4
34708	Endovascular repair of iliac artery by deployment of an ilio-iliac tube endograft including pre-procedure sizing and device selection, all nonselective catheterization(s), all associated radiological supervision and interpretation, and all endograft extension(s) proximally to the aortic bifurcation and distally to the iliac bifurcation, and treatment zone angioplasty/stenting, when performed, unilateral; for rupture including temporary aortic and/or iliac balloon occlusion, when performed (eg, for aneurysm, pseudoaneurysm, dissection, arteriovenous malformation, traumatic disruption)	Procedure	CPT-4
34709	Placement of extension prosthesis(es) distal to the common iliac artery(ies) or proximal to the renal artery(ies) for endovascular repair of infrarenal abdominal aortic or iliac aneurysm, false aneurysm, dissection, penetrating ulcer, including pre-procedure sizing and device selection, all nonselective catheterization(s), all associated radiological supervision and interpretation, and treatment zone angioplasty/stenting, when performed, per vessel treated (List separately in addition to code for primary procedure)	Procedure	CPT-4
34710	Delayed placement of distal or proximal extension prosthesis for endovascular repair of infrarenal abdominal aortic or iliac aneurysm, false aneurysm, dissection, endoleak, or endograft migration, including pre-procedure sizing and device selection, all nonselective catheterization(s), all associated radiological supervision and interpretation, and treatment zone angioplasty/stenting, when performed; initial vessel treated	Procedure	CPT-4
34711	Delayed placement of distal or proximal extension prosthesis for endovascular repair of infrarenal abdominal aortic or iliac aneurysm, false aneurysm, dissection, endoleak, or endograft migration, including pre-procedure sizing and device selection, all nonselective catheterization(s), all associated radiological supervision and interpretation, and treatment zone angioplasty/stenting, when performed; each additional vessel treated (List separately in addition to code for primary procedure)	Procedure	CPT-4

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
34717	Endovascular repair of iliac artery at the time of aorto-iliac artery endograft placement by deployment of an iliac branched endograft including pre-procedure sizing and device selection, all ipsilateral selective iliac artery catheterization(s), all associated radiological supervision and interpretation, and all endograft extension(s) proximally to the aortic bifurcation and distally in the internal iliac, external iliac, and common femoral artery(ies), and treatment zone angioplasty/stenting, when performed, for rupture or other than rupture (eg, for aneurysm, pseudoaneurysm, dissection, art	Procedure	CPT-4
34718	Endovascular repair of iliac artery, not associated with placement of an aorto-iliac artery endograft at the same session, by deployment of an iliac branched endograft, including pre-procedure sizing and device selection, all ipsilateral selective iliac artery catheterization(s), all associated radiological supervision and interpretation, and all endograft extension(s) proximally to the aortic bifurcation and distally in the internal iliac, external iliac, and common femoral artery(ies), and treatment zone angioplasty/stenting, when performed, for other than rupture (eg, for aneurysm, pseudoan	Procedure	CPT-4
34841	Endovascular repair of visceral aorta (eg, aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption) by deployment of a fenestrated visceral aortic endograft and all associated radiological supervision and interpretation, including target zone angioplasty, when performed; including one visceral artery endoprosthesis (superior mesenteric, celiac or renal artery)	Procedure	CPT-4
34842	Endovascular repair of visceral aorta (eg, aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption) by deployment of a fenestrated visceral aortic endograft and all associated radiological supervision and interpretation, including target zone angioplasty, when performed; including two visceral artery endoprostheses (superior mesenteric, celiac and/or renal artery[s])	Procedure	CPT-4
34843	Endovascular repair of visceral aorta (eg, aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption) by deployment of a fenestrated visceral aortic endograft and all associated radiological supervision and interpretation, including target zone angioplasty, when performed; including three visceral artery endoprostheses (superior mesenteric, celiac and/or renal artery[s])	Procedure	CPT-4
34844	Endovascular repair of visceral aorta (eg, aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption) by deployment of a fenestrated visceral aortic endograft and all associated radiological supervision and interpretation, including target zone angioplasty, when performed; including four or more visceral artery endoprostheses (superior mesenteric, celiac and/or renal artery[s])	Procedure	CPT-4

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
34845	Endovascular repair of visceral aorta and infrarenal abdominal aorta (eg, aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption) with a fenestrated visceral aortic endograft and concomitant unibody or modular infrarenal aortic endograft and all associated radiological supervision and interpretation, including target zone angioplasty, when performed; including one visceral artery endoprosthesis (superior mesenteric, celiac or renal artery)	Procedure	CPT-4
34846	Endovascular repair of visceral aorta and infrarenal abdominal aorta (eg, aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption) with a fenestrated visceral aortic endograft and concomitant unibody or modular infrarenal aortic endograft and all associated radiological supervision and interpretation, including target zone angioplasty, when performed; including two visceral artery endoprostheses (superior mesenteric, celiac and/or renal artery[s])	Procedure	CPT-4
34847	Endovascular repair of visceral aorta and infrarenal abdominal aorta (eg, aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption) with a fenestrated visceral aortic endograft and concomitant unibody or modular infrarenal aortic endograft and all associated radiological supervision and interpretation, including target zone angioplasty, when performed; including three visceral artery endoprostheses (superior mesenteric, celiac and/or renal artery[s])	Procedure	CPT-4
34848	Endovascular repair of visceral aorta and infrarenal abdominal aorta (eg, aneurysm, pseudoaneurysm, dissection, penetrating ulcer, intramural hematoma, or traumatic disruption) with a fenestrated visceral aortic endograft and concomitant unibody or modular infrarenal aortic endograft and all associated radiological supervision and interpretation, including target zone angioplasty, when performed; including four or more visceral artery endoprostheses (superior mesenteric, celiac and/or renal artery[s])	Procedure	CPT-4
35450	Transluminal balloon angioplasty, open; renal or other visceral artery	Procedure	CPT-4
35452	Transluminal balloon angioplasty, open; aortic	Procedure	CPT-4
35454	Transluminal balloon angioplasty, open; iliac	Procedure	CPT-4
35456	Transluminal balloon angioplasty, open; femoral-popliteal	Procedure	CPT-4
35458	Transluminal balloon angioplasty, open; brachiocephalic trunk or branches, each vessel	Procedure	CPT-4
35459	Transluminal balloon angioplasty, open; tibioperoneal trunk and branches	Procedure	CPT-4
35460	Transluminal balloon angioplasty, open; venous	Procedure	CPT-4
35470	Transluminal balloon angioplasty, percutaneous; tibioperoneal trunk or branches, each vessel	Procedure	CPT-4
35471	Transluminal balloon angioplasty, percutaneous; renal or visceral artery	Procedure	CPT-4
35472	Transluminal balloon angioplasty, percutaneous; aortic	Procedure	CPT-4
35473	Transluminal balloon angioplasty, percutaneous; iliac	Procedure	CPT-4
35474	Transluminal balloon angioplasty, percutaneous; femoral-popliteal	Procedure	CPT-4
35475	Transluminal balloon angioplasty, percutaneous; brachiocephalic trunk or branches, each vessel	Procedure	CPT-4
35476	Transluminal balloon angioplasty, percutaneous; venous	Procedure	CPT-4

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Code	Description	Code Category	Code Type
35600	Harvest of upper extremity artery, 1 segment, for coronary artery bypass procedure (List separately in addition to code for primary procedure)	Procedure	CPT-4
35879	Revision, lower extremity arterial bypass, without thrombectomy, open; with vein patch angioplasty	Procedure	CPT-4
36902	Introduction of needle(s) and/or catheter(s), dialysis circuit, with diagnostic angiography of the dialysis circuit, including all direct puncture(s) and catheter placement(s), injection(s) of contrast, all necessary imaging from the arterial anastomosis and adjacent artery through entire venous outflow including the inferior or superior vena cava, fluoroscopic guidance, radiological supervision and interpretation and image documentation and report; with transluminal balloon angioplasty, peripheral dialysis segment, including all imaging and radiological supervision and interpretation necessary	Procedure	CPT-4
36903	Introduction of needle(s) and/or catheter(s), dialysis circuit, with diagnostic angiography of the dialysis circuit, including all direct puncture(s) and catheter placement(s), injection(s) of contrast, all necessary imaging from the arterial anastomosis and adjacent artery through entire venous outflow including the inferior or superior vena cava, fluoroscopic guidance, radiological supervision and interpretation and image documentation and report; with transcatheter placement of intravascular stent(s), peripheral dialysis segment, including all imaging and radiological supervision and interp	Procedure	CPT-4
36905	Percutaneous transluminal mechanical thrombectomy and/or infusion for thrombolysis, dialysis circuit, any method, including all imaging and radiological supervision and interpretation, diagnostic angiography, fluoroscopic guidance, catheter placement(s), and intraprocedural pharmacological thrombolytic injection(s); with transluminal balloon angioplasty, peripheral dialysis segment, including all imaging and radiological supervision and interpretation necessary to perform the angioplasty	Procedure	CPT-4
36906	Percutaneous transluminal mechanical thrombectomy and/or infusion for thrombolysis, dialysis circuit, any method, including all imaging and radiological supervision and interpretation, diagnostic angiography, fluoroscopic guidance, catheter placement(s), and intraprocedural pharmacological thrombolytic injection(s); with transcatheter placement of intravascular stent(s), peripheral dialysis segment, including all imaging and radiological supervision and interpretation necessary to perform the stenting, and all angioplasty within the peripheral dialysis circuit	Procedure	CPT-4
36907	Transluminal balloon angioplasty, central dialysis segment, performed through dialysis circuit, including all imaging and radiological supervision and interpretation required to perform the angioplasty (List separately in addition to code for primary procedure)	Procedure	CPT-4
36908	Transcatheter placement of intravascular stent(s), central dialysis segment, performed through dialysis circuit, including all imaging and radiological supervision and interpretation required to perform the stenting, and all angioplasty in the central dialysis segment (List separately in addition to code for primary procedure)	Procedure	CPT-4

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
37215	Transcatheter placement of intravascular stent(s), cervical carotid artery, open or percutaneous, including angioplasty, when performed, and radiological supervision and interpretation; with distal embolic protection	Procedure	CPT-4
37216	Transcatheter placement of intravascular stent(s), cervical carotid artery, open or percutaneous, including angioplasty, when performed, and radiological supervision and interpretation; without distal embolic protection	Procedure	CPT-4
37217	Transcatheter placement of intravascular stent(s), intrathoracic common carotid artery or innominate artery by retrograde treatment, open ipsilateral cervical carotid artery exposure, including angioplasty, when performed, and radiological supervision and interpretation	Procedure	CPT-4
37218	Transcatheter placement of intravascular stent(s), intrathoracic common carotid artery or innominate artery, open or percutaneous antegrade approach, including angioplasty, when performed, and radiological supervision and interpretation	Procedure	CPT-4
37220	Revascularization, endovascular, open or percutaneous, iliac artery, unilateral, initial vessel; with transluminal angioplasty	Procedure	CPT-4
37221	Revascularization, endovascular, open or percutaneous, iliac artery, unilateral, initial vessel; with transluminal stent placement(s), includes angioplasty within the same vessel, when performed	Procedure	CPT-4
37222	Revascularization, endovascular, open or percutaneous, iliac artery, each additional ipsilateral iliac vessel; with transluminal angioplasty (List separately in addition to code for primary procedure)	Procedure	CPT-4
37223	Revascularization, endovascular, open or percutaneous, iliac artery, each additional ipsilateral iliac vessel; with transluminal stent placement(s), includes angioplasty within the same vessel, when performed (List separately in addition to code for primary procedure)	Procedure	CPT-4
37224	Revascularization, endovascular, open or percutaneous, femoral, popliteal artery(s), unilateral; with transluminal angioplasty	Procedure	CPT-4
37225	Revascularization, endovascular, open or percutaneous, femoral, popliteal artery(s), unilateral; with atherectomy, includes angioplasty within the same vessel, when performed	Procedure	CPT-4
37226	Revascularization, endovascular, open or percutaneous, femoral, popliteal artery(s), unilateral; with transluminal stent placement(s), includes angioplasty within the same vessel, when performed	Procedure	CPT-4
37227	Revascularization, endovascular, open or percutaneous, femoral, popliteal artery(s), unilateral; with transluminal stent placement(s) and atherectomy, includes angioplasty within the same vessel, when performed	Procedure	CPT-4
37228	Revascularization, endovascular, open or percutaneous, tibial, peroneal artery, unilateral, initial vessel; with transluminal angioplasty	Procedure	CPT-4
37229	Revascularization, endovascular, open or percutaneous, tibial, peroneal artery, unilateral, initial vessel; with atherectomy, includes angioplasty within the same vessel, when performed	Procedure	CPT-4
37230	Revascularization, endovascular, open or percutaneous, tibial, peroneal artery, unilateral, initial vessel; with transluminal stent placement(s), includes angioplasty within the same vessel, when performed	Procedure	CPT-4

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
37231	Revascularization, endovascular, open or percutaneous, tibial, peroneal artery, unilateral, initial vessel; with transluminal stent placement(s) and atherectomy, includes angioplasty within the same vessel, when performed	Procedure	CPT-4
37232	Revascularization, endovascular, open or percutaneous, tibial/peroneal artery, unilateral, each additional vessel; with transluminal angioplasty (List separately in addition to code for primary procedure)	Procedure	CPT-4
37233	Revascularization, endovascular, open or percutaneous, tibial/peroneal artery, unilateral, each additional vessel; with atherectomy, includes angioplasty within the same vessel, when performed (List separately in addition to code for primary procedure)	Procedure	CPT-4
37234	Revascularization, endovascular, open or percutaneous, tibial/peroneal artery, unilateral, each additional vessel; with transluminal stent placement(s), includes angioplasty within the same vessel, when performed (List separately in addition to code for primary procedure)	Procedure	CPT-4
37235	Revascularization, endovascular, open or percutaneous, tibial/peroneal artery, unilateral, each additional vessel; with transluminal stent placement(s) and atherectomy, includes angioplasty within the same vessel, when performed (List separately in addition to code for primary procedure)	Procedure	CPT-4
37236	Transcatheter placement of an intravascular stent(s) (except lower extremity artery(s) for occlusive disease, cervical carotid, extracranial vertebral or intrathoracic carotid, intracranial, or coronary), open or percutaneous, including radiological supervision and interpretation and including all angioplasty within the same vessel, when performed; initial artery	Procedure	CPT-4
37237	Transcatheter placement of an intravascular stent(s) (except lower extremity artery(s) for occlusive disease, cervical carotid, extracranial vertebral or intrathoracic carotid, intracranial, or coronary), open or percutaneous, including radiological supervision and interpretation and including all angioplasty within the same vessel, when performed; each additional artery (List separately in addition to code for primary procedure)	Procedure	CPT-4
37238	Transcatheter placement of an intravascular stent(s), open or percutaneous, including radiological supervision and interpretation and including angioplasty within the same vessel, when performed; initial vein	Procedure	CPT-4
37239	Transcatheter placement of an intravascular stent(s), open or percutaneous, including radiological supervision and interpretation and including angioplasty within the same vessel, when performed; each additional vein (List separately in addition to code for primary procedure)	Procedure	CPT-4
37246	Transluminal balloon angioplasty (except lower extremity artery(ies) for occlusive disease, intracranial, coronary, pulmonary, or dialysis circuit), open or percutaneous, including all imaging and radiological supervision and interpretation necessary to perform the angioplasty within the same artery; initial artery	Procedure	CPT-4
37247	Transluminal balloon angioplasty (except lower extremity artery(ies) for occlusive disease, intracranial, coronary, pulmonary, or dialysis circuit), open or percutaneous, including all imaging and radiological supervision and interpretation necessary to perform the angioplasty within the same artery; each additional artery (List separately in addition to code for primary procedure)	Procedure	CPT-4

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Code	Description	Code Category	Code Type
37248	Transluminal balloon angioplasty (except dialysis circuit), open or percutaneous, including all imaging and radiological supervision and interpretation necessary to perform the angioplasty within the same vein; initial vein	Procedure	CPT-4
37249	Transluminal balloon angioplasty (except dialysis circuit), open or percutaneous, including all imaging and radiological supervision and interpretation necessary to perform the angioplasty within the same vein; each additional vein (List separately in addition to code for primary procedure)	Procedure	CPT-4
3E07017	Introduction of Other Thrombolytic into Coronary Artery, Open Approach	Procedure	ICD-10-PCS
3E070PZ	Introduction of Platelet Inhibitor into Coronary Artery, Open Approach	Procedure	ICD-10-PCS
3E07317	Introduction of Other Thrombolytic into Coronary Artery, Percutaneous Approach	Procedure	ICD-10-PCS
3E073PZ	Introduction of Platelet Inhibitor into Coronary Artery, Percutaneous Approach	Procedure	ICD-10-PCS
4A020N7	Measurement of Cardiac Sampling and Pressure, Left Heart, Open Approach	Procedure	ICD-10-PCS
4A020N8	Measurement of Cardiac Sampling and Pressure, Bilateral, Open Approach	Procedure	ICD-10-PCS
4A023N7	Measurement of Cardiac Sampling and Pressure, Left Heart, Percutaneous Approach	Procedure	ICD-10-PCS
4A023N8	Measurement of Cardiac Sampling and Pressure, Bilateral, Percutaneous Approach	Procedure	ICD-10-PCS
4A12XSH	Monitoring of Cardiac Vascular Perfusion using Indocyanine Green Dye, External Approach	Procedure	ICD-10-PCS
61630	Balloon angioplasty, intracranial (eg, atherosclerotic stenosis), percutaneous	Procedure	CPT-4
61635	Transcatheter placement of intravascular stent(s), intracranial (eg, atherosclerotic stenosis), including balloon angioplasty, if performed	Procedure	CPT-4
75962	Transluminal balloon angioplasty, peripheral artery other than renal, or other visceral artery, iliac or lower extremity, radiological supervision and interpretation	Procedure	CPT-4
75963	Percutaneous Transluminal Angioplasty, Any Method, Peripheral Artery; Complete Procedure	Procedure	CPT-4
75964	Transluminal balloon angioplasty, each additional peripheral artery other than renal or other visceral artery, iliac or lower extremity, radiological supervision and interpretation (List separately in addition to code for primary procedure)	Procedure	CPT-4
75965	Percutaneous Transluminal Angioplasty, Any Method, Each Additional Peripheral Artery; Complete Procedure	Procedure	CPT-4
75966	Transluminal balloon angioplasty, renal or other visceral artery, radiological supervision and interpretation	Procedure	CPT-4
75967	Percutaneous Transluminal Angioplasty, Any Method, Renal Or Other Visceral Artery; Complete Procedure	Procedure	CPT-4
75968	Transluminal balloon angioplasty, each additional visceral artery, radiological supervision and interpretation (List separately in addition to code for primary procedure)	Procedure	CPT-4
75969	Percutaneous Transluminal Angioplasty, Any Method, Each Additional Visceral Artery; Complete Procedure	Procedure	CPT-4
75970	Transcatheter biopsy, radiological supervision and interpretation	Procedure	CPT-4
75972	Percutaneous Transluminal Angioplasty, Unilateral;	Procedure	CPT-4
75973	Percutaneous Transluminal Angioplasty, Unilateral;	Procedure	CPT-4
75974	Percutaneous Transluminal Angioplasty, Bilateral, Single Catheter;	Procedure	CPT-4
75975	Percutaneous Transluminal Angioplasty, Bilateral, Single Catheter;	Procedure	CPT-4

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Code	Description	Code Category	Code Type
75976	Percutaneous Transluminal Angioplasty, Bilateral, Dual Catheters;	Procedure	CPT-4
75977	Percutaneous Transluminal Angioplasty, Bilateral, Dual Catheters;	Procedure	CPT-4
75978	Transluminal balloon angioplasty, venous (eg, subclavian stenosis), radiological supervision and interpretation	Procedure	CPT-4
75979	Percutaneous Transluminal Angioplasty, Venous (eg, Subclavian Stenosis); Complete Procedure	Procedure	CPT-4
92920	Percutaneous transluminal coronary angioplasty; single major coronary artery or branch	Procedure	CPT-4
92921	Percutaneous transluminal coronary angioplasty; each additional branch of a major coronary artery (List separately in addition to code for primary procedure)	Procedure	CPT-4
92924	Percutaneous transluminal coronary atherectomy, with coronary angioplasty when performed; single major coronary artery or branch	Procedure	CPT-4
92925	Percutaneous transluminal coronary atherectomy, with coronary angioplasty when performed; each additional branch of a major coronary artery (List separately in addition to code for primary procedure)	Procedure	CPT-4
92928	Percutaneous transcatheter placement of intracoronary stent(s), with coronary angioplasty when performed; single major coronary artery or branch	Procedure	CPT-4
92929	Percutaneous transcatheter placement of intracoronary stent(s), with coronary angioplasty when performed; each additional branch of a major coronary artery (List separately in addition to code for primary procedure)	Procedure	CPT-4
92933	Percutaneous transluminal coronary atherectomy, with intracoronary stent, with coronary angioplasty when performed; single major coronary artery or branch	Procedure	CPT-4
92934	Percutaneous transluminal coronary atherectomy, with intracoronary stent, with coronary angioplasty when performed; each additional branch of a major coronary artery (List separately in addition to code for primary procedure)	Procedure	CPT-4
92937	Percutaneous transluminal revascularization of or through coronary artery bypass graft (internal mammary, free arterial, venous), any combination of intracoronary stent, atherectomy and angioplasty, including distal protection when performed; single vessel	Procedure	CPT-4
92938	Percutaneous transluminal revascularization of or through coronary artery bypass graft (internal mammary, free arterial, venous), any combination of intracoronary stent, atherectomy and angioplasty, including distal protection when performed; each additional branch subtended by the bypass graft (List separately in addition to code for primary procedure)	Procedure	CPT-4
92941	Percutaneous transluminal revascularization of acute total/subtotal occlusion during acute myocardial infarction, coronary artery or coronary artery bypass graft, any combination of intracoronary stent, atherectomy and angioplasty, including aspiration thrombectomy when performed, single vessel	Procedure	CPT-4
92943	Percutaneous transluminal revascularization of chronic total occlusion, coronary artery, coronary artery branch, or coronary artery bypass graft, any combination of intracoronary stent, atherectomy and angioplasty; single vessel	Procedure	CPT-4
92944	Percutaneous transluminal revascularization of chronic total occlusion, coronary artery, coronary artery branch, or coronary artery bypass graft, any combination of intracoronary stent, atherectomy and angioplasty; each additional coronary artery, coronary artery branch, or bypass graft (List separately in addition to code for primary procedure)	Procedure	CPT-4

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
92973	Percutaneous transluminal coronary thrombectomy mechanical (List separately in addition to code for primary procedure)	Procedure	CPT-4
92974	Transcatheter placement of radiation delivery device for subsequent coronary intravascular brachytherapy (List separately in addition to code for primary procedure)	Procedure	CPT-4
92977	Thrombolysis, coronary; by intravenous infusion	Procedure	CPT-4
92980	Transcatheter placement of an intracoronary stent(s), percutaneous, with or without other therapeutic intervention, any method; single vessel	Procedure	CPT-4
92981	Transcatheter placement of an intracoronary stent(s), percutaneous, with or without other therapeutic intervention, any method; each additional vessel (List separately in addition to code for primary procedure)	Procedure	CPT-4
92982	Percutaneous transluminal coronary balloon angioplasty; single vessel	Procedure	CPT-4
92984	Percutaneous transluminal coronary balloon angioplasty; each additional vessel (List separately in addition to code for primary procedure)	Procedure	CPT-4
92995	Percutaneous transluminal coronary atherectomy, by mechanical or other method, with or without balloon angioplasty; single vessel	Procedure	CPT-4
92996	Percutaneous transluminal coronary atherectomy, by mechanical or other method, with or without balloon angioplasty; each additional vessel (List separately in addition to code for primary procedure)	Procedure	CPT-4
92997	Percutaneous transluminal pulmonary artery balloon angioplasty; single vessel	Procedure	CPT-4
92998	Percutaneous transluminal pulmonary artery balloon angioplasty; each additional vessel (List separately in addition to code for primary procedure)	Procedure	CPT-4
93452	Left heart catheterization including intraprocedural injection(s) for left ventriculography, imaging supervision and interpretation, when performed	Procedure	CPT-4
93453	Combined right and left heart catheterization including intraprocedural injection(s) for left ventriculography, imaging supervision and interpretation, when performed	Procedure	CPT-4
93454	Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation;	Procedure	CPT-4
93455	Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with catheter placement(s) in bypass graft(s) (internal mammary, free arterial, venous grafts) including intraprocedural injection(s) for bypass graft angiography	Procedure	CPT-4
93456	Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with right heart catheterization	Procedure	CPT-4
93457	Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with catheter placement(s) in bypass graft(s) (internal mammary, free arterial, venous grafts) including intraprocedural injection(s) for bypass graft angiography and right heart catheterization	Procedure	CPT-4

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
93458	Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with left heart catheterization including intraprocedural injection(s) for left ventriculography, when performed	Procedure	CPT-4
93459	Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with left heart catheterization including intraprocedural injection(s) for left ventriculography, when performed, catheter placement(s) in bypass graft(s) (internal mammary, free arterial, venous grafts) with bypass graft angiography	Procedure	CPT-4
93460	Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with right and left heart catheterization including intraprocedural injection(s) for left ventriculography, when performed	Procedure	CPT-4
93461	Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with right and left heart catheterization including intraprocedural injection(s) for left ventriculography, when performed, catheter placement(s) in bypass graft(s) (internal mammary, free arterial, venous grafts) with bypass graft angiography	Procedure	CPT-4
C1034	Catheter, coronary angioplasty, surpass superfusion catheter, long 30 surpass superfusion catheter	Procedure	HCPCS
C1100	Guide wire, percutaneous transluminal coronary angioplasty, medtronic ave gt1 guide wire, medtronic ave gt2 fusion guide wire, interventional technologies trackwire, interventional technologies trackwire support, interventional technologies trackwire extra support	Procedure	HCPCS
C1101	Catheter, percutaneous transluminal coronary angioplasty guide, medtronic ave 5f, 6f, 7f, 8f, 9f zuma guide catheter, medtronic ave z2 5f, 6f, 7f, 8f, 9f zuma guide catheter, medtronic ave vector guide catheter, medtronic ave vector x guide catheter. note: only the medtronic ave z2 zuma guide catheters are effective october 1, 2000. the medtronic ave zuma guide catheters were effective august 1, 2000.	Procedure	HCPCS
C1366	Guide wire, percutaneous transluminal coronary angioplasty, hi-torque iron man, hi-torque balance middleweight, hi-torque all star, hi-torque balance heavyweight, hi-torque balance trek	Procedure	HCPCS
C1367	Guide wire, percutaneous transluminal coronary angioplasty, hi-torque cross it, hi-torque cross-it 100xt, hi-torque cross-it 200xt, hi-torque cross-it 300xt, hi-torque wiggle	Procedure	HCPCS
C1500	Atherectomy system, peripheral, rotablator rotational angioplasty system with rotalink exchangeable catheter, advancer, and guide wire	Procedure	HCPCS
C1725	Catheter, transluminal angioplasty, nonlaser (may include guidance, infusion/perfusion capability)	Procedure	HCPCS
C1885	Catheter, transluminal angioplasty, laser	Procedure	HCPCS
C1930	Catheter, percutaneous transluminal coronary angioplasty, coyote dilatation catheter 20mm/30mm/40mm	Procedure	HCPCS

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Code	Description	Code Category	Code Type
C1933	Catheter, opti-plast centurion 5.5f pta catheter (shaft length 50 cm to 120 cm), opti-plast xl 5.5f pta catheter (shaft length 75 cm to 120 cm), opti-plast pta catheter (5.5 fr), tru trac 5fr percutaneous transluminal angioplasty balloon dilatation catheter, optiplast xt 5 fr percutaneous transluminal angioplasty catheter (various sizes)	Procedure	HCPCS
C1948	Catheter, pursuit balloon angioplasty catheter, cook accent balloon angioplasty catheter	Procedure	HCPCS
C1981	Catheter, coronary angioplasty balloon, adante, bonnie, bonnie 15mm, bonnie monorail 30mm or 40mm, bonnie sliding rail, bypass speedy, chubby, chubby sliding rail, coyote 20mm, coyote 9/15/25mm, maxxum, nc ranger, nc ranger 9mm, ranger 20mm, long ranger 30mm or 40mm, nc ranger 16/18mm, nc ranger 22/25/30mm, nc big ranger, quantum ranger, quantum ranger 1/4 sizes, quantum ranger 9/16/18mm, quantum ranger 22/30mm, quantum ranger 25mm, ranger lp 20/30/40, viva/long viva, ace - 1cm, ace - 2cm, ace graft, long ace, pivot cobra (10, 14, 18, 30, 40mm in lengths) note: only the bonnie monorail 30mm or	Procedure	HCPCS
C2605	Catheter, spectranetics extreme laser catheter, spectranetics extreme 0.9mm coronary angioplasty catheter (model 110-001)	Procedure	HCPCS
C2623	Catheter, transluminal angioplasty, drug-coated, nonlaser	Procedure	HCPCS
C3551	Guide wire, percutaneous transluminal coronary angioplasty, choice, luge, patriot, pt graphix intermediate, trooper, mailman 182/300 cm, glidewire gold guidewire, platinum plus guidewire, platinum plus guidewire with glidex hydrophilic coating, jagwire single-use high performance guide wire, merit medical systems extender guidewire, merit medical systems tomcat ptca guidewire, platinum plus guidewire (0.014 and 0.018 in diameters)	Procedure	HCPCS
C8526	Optiplast xt 5f percutaneous transluminal angioplasty catheter (various sizes)	Procedure	HCPCS
C9600	Percutaneous transcatheter placement of drug eluting intracoronary stent(s), with coronary angioplasty when performed; single major coronary artery or branch	Procedure	HCPCS
C9601	Percutaneous transcatheter placement of drug-eluting intracoronary stent(s), with coronary angioplasty when performed; each additional branch of a major coronary artery (list separately in addition to code for primary procedure)	Procedure	HCPCS
C9602	Percutaneous transluminal coronary atherectomy, with drug eluting intracoronary stent, with coronary angioplasty when performed; single major coronary artery or branch	Procedure	HCPCS
C9603	Percutaneous transluminal coronary atherectomy, with drug-eluting intracoronary stent, with coronary angioplasty when performed; each additional branch of a major coronary artery (list separately in addition to code for primary procedure)	Procedure	HCPCS
C9604	Percutaneous transluminal revascularization of or through coronary artery bypass graft (internal mammary, free arterial, venous), any combination of drug-eluting intracoronary stent, atherectomy and angioplasty, including distal protection when performed; single vessel	Procedure	HCPCS
C9605	Percutaneous transluminal revascularization of or through coronary artery bypass graft (internal mammary, free arterial, venous), any combination of drug-eluting intracoronary stent, atherectomy and angioplasty, including distal protection when performed; each additional branch subtended by the bypass graft (list separately in addition to code for primary procedure)	Procedure	HCPCS

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C9606	Percutaneous transluminal revascularization of acute total/subtotal occlusion during acute myocardial infarction, coronary artery or coronary artery bypass graft, any combination of drug-eluting intracoronary stent, atherectomy and angioplasty, including aspiration thrombectomy when performed, single vessel	Procedure	HCPCS
C9607	Percutaneous transluminal revascularization of chronic total occlusion, coronary artery, coronary artery branch, or coronary artery bypass graft, any combination of drug-eluting intracoronary stent, atherectomy and angioplasty; single vessel	Procedure	HCPCS
C9608	Percutaneous transluminal revascularization of chronic total occlusion, coronary artery, coronary artery branch, or coronary artery bypass graft, any combination of drug-eluting intracoronary stent, atherectomy and angioplasty; each additional coronary artery, coronary artery branch, or bypass graft (list separately in addition to code for primary procedure)	Procedure	HCPCS
C9754	Creation of arteriovenous fistula, percutaneous; direct, any site, including all imaging and radiologic supervision and interpretation, when performed and secondary procedures to redirect blood flow (e.g., transluminal balloon angioplasty, coil embolization, when performed)	Procedure	HCPCS
G0290	Transcatheter placement of a drug eluting intracoronary stent(s), percutaneous, with or without other therapeutic intervention, any method; single vessel	Procedure	HCPCS
G0291	Transcatheter placement of a drug eluting intracoronary stent(s), percutaneous, with or without other therapeutic intervention, any method; each additional vessel	Procedure	HCPCS
G0392	Transluminal balloon angioplasty, percutaneous; for maintenance of hemodialysis access, arteriovenous fistula or graft; arterial	Procedure	HCPCS
G0393	Transluminal balloon angioplasty, percutaneous; for maintenance of hemodialysis access, arteriovenous fistula or graft; venous	Procedure	HCPCS
I20	Angina pectoris	Diagnosis	ICD-10-CM
I20.0	Unstable angina	Diagnosis	ICD-10-CM
I20.1	Angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I20.8	Other forms of angina pectoris	Diagnosis	ICD-10-CM
I20.9	Angina pectoris, unspecified	Diagnosis	ICD-10-CM
I23.7	Postinfarction angina	Diagnosis	ICD-10-CM
I24	Other acute ischemic heart diseases	Diagnosis	ICD-10-CM
I24.0	Acute coronary thrombosis not resulting in myocardial infarction	Diagnosis	ICD-10-CM
I24.8	Other forms of acute ischemic heart disease	Diagnosis	ICD-10-CM
I24.9	Acute ischemic heart disease, unspecified	Diagnosis	ICD-10-CM
I25	Chronic ischemic heart disease	Diagnosis	ICD-10-CM
I25.1	Atherosclerotic heart disease of native coronary artery	Diagnosis	ICD-10-CM
I25.10	Atherosclerotic heart disease of native coronary artery without angina pectoris	Diagnosis	ICD-10-CM
I25.11	Atherosclerotic heart disease of native coronary artery with angina pectoris	Diagnosis	ICD-10-CM
I25.110	Atherosclerotic heart disease of native coronary artery with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.111	Atherosclerotic heart disease of native coronary artery with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.118	Atherosclerotic heart disease of native coronary artery with other forms of angina pectoris	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I25.119	Atherosclerotic heart disease of native coronary artery with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.2	Old myocardial infarction	Diagnosis	ICD-10-CM
I25.4	Coronary artery aneurysm and dissection	Diagnosis	ICD-10-CM
I25.41	Coronary artery aneurysm	Diagnosis	ICD-10-CM
I25.42	Coronary artery dissection	Diagnosis	ICD-10-CM
I25.5	Ischemic cardiomyopathy	Diagnosis	ICD-10-CM
I25.6	Silent myocardial ischemia	Diagnosis	ICD-10-CM
I25.7	Atherosclerosis of coronary artery bypass graft(s) and coronary artery of transplanted heart with angina pectoris	Diagnosis	ICD-10-CM
I25.70	Atherosclerosis of coronary artery bypass graft(s), unspecified, with angina pectoris	Diagnosis	ICD-10-CM
I25.700	Atherosclerosis of coronary artery bypass graft(s), unspecified, with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.701	Atherosclerosis of coronary artery bypass graft(s), unspecified, with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.708	Atherosclerosis of coronary artery bypass graft(s), unspecified, with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.709	Atherosclerosis of coronary artery bypass graft(s), unspecified, with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.71	Atherosclerosis of autologous vein coronary artery bypass graft(s) with angina pectoris	Diagnosis	ICD-10-CM
I25.710	Atherosclerosis of autologous vein coronary artery bypass graft(s) with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.711	Atherosclerosis of autologous vein coronary artery bypass graft(s) with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.718	Atherosclerosis of autologous vein coronary artery bypass graft(s) with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.719	Atherosclerosis of autologous vein coronary artery bypass graft(s) with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.72	Atherosclerosis of autologous artery coronary artery bypass graft(s) with angina pectoris	Diagnosis	ICD-10-CM
I25.720	Atherosclerosis of autologous artery coronary artery bypass graft(s) with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.721	Atherosclerosis of autologous artery coronary artery bypass graft(s) with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.728	Atherosclerosis of autologous artery coronary artery bypass graft(s) with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.729	Atherosclerosis of autologous artery coronary artery bypass graft(s) with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.73	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with angina pectoris	Diagnosis	ICD-10-CM
I25.730	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.731	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with angina pectoris with documented spasm	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I25.738	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.739	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.75	Atherosclerosis of native coronary artery of transplanted heart with angina pectoris	Diagnosis	ICD-10-CM
I25.750	Atherosclerosis of native coronary artery of transplanted heart with unstable angina	Diagnosis	ICD-10-CM
I25.751	Atherosclerosis of native coronary artery of transplanted heart with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.758	Atherosclerosis of native coronary artery of transplanted heart with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.759	Atherosclerosis of native coronary artery of transplanted heart with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.76	Atherosclerosis of bypass graft of coronary artery of transplanted heart with angina pectoris	Diagnosis	ICD-10-CM
I25.760	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unstable angina	Diagnosis	ICD-10-CM
I25.761	Atherosclerosis of bypass graft of coronary artery of transplanted heart with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.768	Atherosclerosis of bypass graft of coronary artery of transplanted heart with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.769	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.79	Atherosclerosis of other coronary artery bypass graft(s) with angina pectoris	Diagnosis	ICD-10-CM
I25.790	Atherosclerosis of other coronary artery bypass graft(s) with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.791	Atherosclerosis of other coronary artery bypass graft(s) with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.798	Atherosclerosis of other coronary artery bypass graft(s) with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.799	Atherosclerosis of other coronary artery bypass graft(s) with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.8	Other forms of chronic ischemic heart disease	Diagnosis	ICD-10-CM
I25.81	Atherosclerosis of other coronary vessels without angina pectoris	Diagnosis	ICD-10-CM
I25.810	Atherosclerosis of coronary artery bypass graft(s) without angina pectoris	Diagnosis	ICD-10-CM
I25.811	Atherosclerosis of native coronary artery of transplanted heart without angina pectoris	Diagnosis	ICD-10-CM
I25.812	Atherosclerosis of bypass graft of coronary artery of transplanted heart without angina pectoris	Diagnosis	ICD-10-CM
I25.82	Chronic total occlusion of coronary artery	Diagnosis	ICD-10-CM
I25.83	Coronary atherosclerosis due to lipid rich plaque	Diagnosis	ICD-10-CM
I25.84	Coronary atherosclerosis due to calcified coronary lesion	Diagnosis	ICD-10-CM
I25.89	Other forms of chronic ischemic heart disease	Diagnosis	ICD-10-CM
I25.9	Chronic ischemic heart disease, unspecified	Diagnosis	ICD-10-CM
I46.2	Cardiac arrest due to underlying cardiac condition	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I46.8	Cardiac arrest due to other underlying condition	Diagnosis	ICD-10-CM
I46.9	Cardiac arrest, cause unspecified	Diagnosis	ICD-10-CM
I47.0	Re-entry ventricular arrhythmia	Diagnosis	ICD-10-CM
I47.2	Ventricular tachycardia	Diagnosis	ICD-10-CM
I70	Atherosclerosis	Diagnosis	ICD-10-CM
I70.0	Atherosclerosis of aorta	Diagnosis	ICD-10-CM
I70.1	Atherosclerosis of renal artery	Diagnosis	ICD-10-CM
I70.8	Atherosclerosis of other arteries	Diagnosis	ICD-10-CM
I70.9	Other and unspecified atherosclerosis	Diagnosis	ICD-10-CM
I70.90	Unspecified atherosclerosis	Diagnosis	ICD-10-CM
I70.91	Generalized atherosclerosis	Diagnosis	ICD-10-CM
S2205	Minimally invasive direct coronary artery bypass surgery involving mini-thoracotomy or mini-sternotomy surgery, performed under direct vision; using arterial graft(s), single coronary arterial graft	Procedure	HCPCS
S2206	Minimally invasive direct coronary artery bypass surgery involving mini-thoracotomy or mini-sternotomy surgery, performed under direct vision; using arterial graft(s), 2 coronary arterial grafts	Procedure	HCPCS
S2207	Minimally invasive direct coronary artery bypass surgery involving mini-thoracotomy or mini-sternotomy surgery, performed under direct vision; using venous graft only, single coronary venous graft	Procedure	HCPCS
S2208	Minimally invasive direct coronary artery bypass surgery involving mini-thoracotomy or mini-sternotomy surgery, performed under direct vision; using single arterial and venous graft(s), single venous graft	Procedure	HCPCS
S2209	Minimally invasive direct coronary artery bypass surgery involving mini-thoracotomy or mini-sternotomy surgery, performed under direct vision; using 2 arterial grafts and single venous graft	Procedure	HCPCS
T82.211A	Breakdown (mechanical) of coronary artery bypass graft, initial encounter	Diagnosis	ICD-10-CM
T82.212A	Displacement of coronary artery bypass graft, initial encounter	Diagnosis	ICD-10-CM
T82.213A	Leakage of coronary artery bypass graft, initial encounter	Diagnosis	ICD-10-CM
T82.218A	Other mechanical complication of coronary artery bypass graft, initial encounter	Diagnosis	ICD-10-CM
X2C0361	Extirpation of Matter from Coronary Artery, One Artery using Orbital Atherectomy Technology, Percutaneous Approach, New Technology Group 1	Procedure	ICD-10-PCS
X2C1361	Extirpation of Matter from Coronary Artery, Two Arteries using Orbital Atherectomy Technology, Percutaneous Approach, New Technology Group 1	Procedure	ICD-10-PCS
X2C2361	Extirpation of Matter from Coronary Artery, Three Arteries using Orbital Atherectomy Technology, Percutaneous Approach, New Technology Group 1	Procedure	ICD-10-PCS
X2C3361	Extirpation of Matter from Coronary Artery, Four or More Arteries using Orbital Atherectomy Technology, Percutaneous Approach, New Technology Group 1	Procedure	ICD-10-PCS
Z95.1	Presence of aortocoronary bypass graft	Diagnosis	ICD-10-CM
Z95.5	Presence of coronary angioplasty implant and graft	Diagnosis	ICD-10-CM
Z98.61	Coronary angioplasty status	Diagnosis	ICD-10-CM
Chronic Kidney Disease			
0505F	Hemodialysis plan of care documented (ESRD, P-ESRD)	Procedure	CPT-2
0507F	Peritoneal dialysis plan of care documented (ESRD)	Procedure	CPT-2
35686	Creation of distal arteriovenous fistula during lower extremity bypass surgery (non-hemodialysis) (List separately in addition to code for primary procedure)	Procedure	CPT-4

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Code	Description	Code Category	Code Type
35875	Thrombectomy of arterial or venous graft (other than hemodialysis graft or fistula);	Procedure	CPT-4
35876	Thrombectomy of arterial or venous graft (other than hemodialysis graft or fistula); with revision of arterial or venous graft	Procedure	CPT-4
36488	Placement of central venous catheter (subclavian, jugular, or other vein) (eg, for central venous pressure, hyperalimentation, hemodialysis, or chemotherapy); percutaneous, age 2 years or under	Procedure	CPT-4
36489	Placement of central venous catheter (subclavian, jugular, or other vein) (eg, for central venous pressure, hyperalimentation, hemodialysis, or chemotherapy); percutaneous, over age 2	Procedure	CPT-4
36490	Placement of central venous catheter (subclavian, jugular, or other vein) (eg, for central venous pressure, hyperalimentation, hemodialysis, or chemotherapy); cutdown, age 2 years or under	Procedure	CPT-4
36491	Placement of central venous catheter (subclavian, jugular, or other vein) (eg, for central venous pressure, hyperalimentation, hemodialysis, or chemotherapy); cutdown, over age 2	Procedure	CPT-4
36800	Insertion of cannula for hemodialysis, other purpose (separate procedure); vein to vein	Procedure	CPT-4
36810	Insertion of cannula for hemodialysis, other purpose (separate procedure); arteriovenous, external (Scribner type)	Procedure	CPT-4
36815	Insertion of cannula for hemodialysis, other purpose (separate procedure); arteriovenous, external revision, or closure	Procedure	CPT-4
36818	Arteriovenous anastomosis, open; by upper arm cephalic vein transposition	Procedure	CPT-4
36819	Arteriovenous anastomosis, open; by upper arm basilic vein transposition	Procedure	CPT-4
36820	Arteriovenous anastomosis, open; by forearm vein transposition	Procedure	CPT-4
36821	Arteriovenous anastomosis, open; direct, any site (eg, Cimino type) (separate procedure)	Procedure	CPT-4
36838	Distal revascularization and interval ligation (DRIL), upper extremity hemodialysis access (steal syndrome)	Procedure	CPT-4
36901	Introduction of needle(s) and/or catheter(s), dialysis circuit, with diagnostic angiography of the dialysis circuit, including all direct puncture(s) and catheter placement(s), injection(s) of contrast, all necessary imaging from the arterial anastomosis and adjacent artery through entire venous outflow including the inferior or superior vena cava, fluoroscopic guidance, radiological supervision and interpretation and image documentation and report;	Procedure	CPT-4
36902	Introduction of needle(s) and/or catheter(s), dialysis circuit, with diagnostic angiography of the dialysis circuit, including all direct puncture(s) and catheter placement(s), injection(s) of contrast, all necessary imaging from the arterial anastomosis and adjacent artery through entire venous outflow including the inferior or superior vena cava, fluoroscopic guidance, radiological supervision and interpretation and image documentation and report; with transluminal balloon angioplasty, peripheral dialysis segment, including all imaging and radiological supervision and interpretation necessar	Procedure	CPT-4

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
36903	Introduction of needle(s) and/or catheter(s), dialysis circuit, with diagnostic angiography of the dialysis circuit, including all direct puncture(s) and catheter placement(s), injection(s) of contrast, all necessary imaging from the arterial anastomosis and adjacent artery through entire venous outflow including the inferior or superior vena cava, fluoroscopic guidance, radiological supervision and interpretation and image documentation and report; with transcatheter placement of intravascular stent(s), peripheral dialysis segment, including all imaging and radiological supervision and interp	Procedure	CPT-4
36904	Percutaneous transluminal mechanical thrombectomy and/or infusion for thrombolysis, dialysis circuit, any method, including all imaging and radiological supervision and interpretation, diagnostic angiography, fluoroscopic guidance, catheter placement(s), and intraprocedural pharmacological thrombolytic injection(s);	Procedure	CPT-4
36905	Percutaneous transluminal mechanical thrombectomy and/or infusion for thrombolysis, dialysis circuit, any method, including all imaging and radiological supervision and interpretation, diagnostic angiography, fluoroscopic guidance, catheter placement(s), and intraprocedural pharmacological thrombolytic injection(s); with transluminal balloon angioplasty, peripheral dialysis segment, including all imaging and radiological supervision and interpretation necessary to perform the angioplasty	Procedure	CPT-4
36906	Percutaneous transluminal mechanical thrombectomy and/or infusion for thrombolysis, dialysis circuit, any method, including all imaging and radiological supervision and interpretation, diagnostic angiography, fluoroscopic guidance, catheter placement(s), and intraprocedural pharmacological thrombolytic injection(s); with transcatheter placement of intravascular stent(s), peripheral dialysis segment, including all imaging and radiological supervision and interpretation necessary to perform the stenting, and all angioplasty within the peripheral dialysis circuit	Procedure	CPT-4
36907	Transluminal balloon angioplasty, central dialysis segment, performed through dialysis circuit, including all imaging and radiological supervision and interpretation required to perform the angioplasty (List separately in addition to code for primary procedure)	Procedure	CPT-4
36908	Transcatheter placement of intravascular stent(s), central dialysis segment, performed through dialysis circuit, including all imaging and radiological supervision and interpretation required to perform the stenting, and all angioplasty in the central dialysis segment (List separately in addition to code for primary procedure)	Procedure	CPT-4
36909	Dialysis circuit permanent vascular embolization or occlusion (including main circuit or any accessory veins), endovascular, including all imaging and radiological supervision and interpretation necessary to complete the intervention (List separately in addition to code for primary procedure)	Procedure	CPT-4
37607	Ligation or banding of angioaccess arteriovenous fistula	Procedure	CPT-4
4052F	Hemodialysis via functioning arteriovenous (AV) fistula (ESRD)	Procedure	CPT-2
4053F	Hemodialysis via functioning arteriovenous (AV) graft (ESRD)	Procedure	CPT-2
4054F	Hemodialysis via catheter (ESRD)	Procedure	CPT-2
4055F	Patient receiving peritoneal dialysis (ESRD)	Procedure	CPT-2

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Code	Description	Code Category	Code Type
49324	Laparoscopy, surgical; with insertion of tunneled intraperitoneal catheter	Procedure	CPT-4
49325	Laparoscopy, surgical; with revision of previously placed intraperitoneal cannula or catheter, with removal of intraluminal obstructive material if performed	Procedure	CPT-4
49418	Insertion of tunneled intraperitoneal catheter (eg, dialysis, intraperitoneal chemotherapy instillation, management of ascites), complete procedure, including imaging guidance, catheter placement, contrast injection when performed, and radiological supervision and interpretation, percutaneous	Procedure	CPT-4
49419	Insertion of tunneled intraperitoneal catheter, with subcutaneous port (ie, totally implantable)	Procedure	CPT-4
49421	Insertion of tunneled intraperitoneal catheter for dialysis, open	Procedure	CPT-4
49422	Removal of tunneled intraperitoneal catheter	Procedure	CPT-4
49435	Insertion of subcutaneous extension to intraperitoneal cannula or catheter with remote chest exit site (List separately in addition to code for primary procedure)	Procedure	CPT-4
90935	Hemodialysis procedure with single evaluation by a physician or other qualified health care professional	Procedure	CPT-4
90937	Hemodialysis procedure requiring repeated evaluation(s) with or without substantial revision of dialysis prescription	Procedure	CPT-4
90939	Hemodialysis access flow study to determine blood flow in grafts and arteriovenous fistulae by an indicator dilution method, hook-up; transcutaneous measurement and disconnection	Procedure	CPT-4
90940	Hemodialysis access flow study to determine blood flow in grafts and arteriovenous fistulae by an indicator method	Procedure	CPT-4
90941	Hemodialysis, For Acute Renal Failure And Or Intoxication,	Procedure	CPT-4
90942	Hemodialysis, For Acute Renal Failure And Or Intoxication,	Procedure	CPT-4
90943	Hemodialysis, For Acute Renal Failure And Or Intoxication,	Procedure	CPT-4
90944	Hemodialysis, For Acute Renal Failure And Or Intoxication,	Procedure	CPT-4
90945	Dialysis procedure other than hemodialysis (eg, peritoneal dialysis, hemofiltration, or other continuous renal replacement therapies), with single evaluation by a physician or other qualified health care professional	Procedure	CPT-4
90947	Dialysis procedure other than hemodialysis (eg, peritoneal dialysis, hemofiltration, or other continuous renal replacement therapies) requiring repeated evaluations by a physician or other qualified health care professional, with or without substantial revision of dialysis prescription	Procedure	CPT-4
90951	End-stage renal disease (ESRD) related services monthly, for patients younger than 2 years of age to include monitoring for the adequacy of nutrition, assessment of growth and development, and counseling of parents; with 4 or more face-to-face visits by a physician or other qualified health care professional per month	Procedure	CPT-4
90952	End-stage renal disease (ESRD) related services monthly, for patients younger than 2 years of age to include monitoring for the adequacy of nutrition, assessment of growth and development, and counseling of parents; with 2-3 face-to-face visits by a physician or other qualified health care professional per month	Procedure	CPT-4

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Code	Description	Code Category	Code Type
90953	End-stage renal disease (ESRD) related services monthly, for patients younger than 2 years of age to include monitoring for the adequacy of nutrition, assessment of growth and development, and counseling of parents; with 1 face-to-face visit by a physician or other qualified health care professional per month	Procedure	CPT-4
90954	End-stage renal disease (ESRD) related services monthly, for patients 2-11 years of age to include monitoring for the adequacy of nutrition, assessment of growth and development, and counseling of parents; with 4 or more face-to-face visits by a physician or other qualified health care professional per month	Procedure	CPT-4
90955	End-stage renal disease (ESRD) related services monthly, for patients 2-11 years of age to include monitoring for the adequacy of nutrition, assessment of growth and development, and counseling of parents; with 2-3 face-to-face visits by a physician or other qualified health care professional per month	Procedure	CPT-4
90956	End-stage renal disease (ESRD) related services monthly, for patients 2-11 years of age to include monitoring for the adequacy of nutrition, assessment of growth and development, and counseling of parents; with 1 face-to-face visit by a physician or other qualified health care professional per month	Procedure	CPT-4
90957	End-stage renal disease (ESRD) related services monthly, for patients 12-19 years of age to include monitoring for the adequacy of nutrition, assessment of growth and development, and counseling of parents; with 4 or more face-to-face visits by a physician or other qualified health care professional per month	Procedure	CPT-4
90958	End-stage renal disease (ESRD) related services monthly, for patients 12-19 years of age to include monitoring for the adequacy of nutrition, assessment of growth and development, and counseling of parents; with 2-3 face-to-face visits by a physician or other qualified health care professional per month	Procedure	CPT-4
90959	End-stage renal disease (ESRD) related services monthly, for patients 12-19 years of age to include monitoring for the adequacy of nutrition, assessment of growth and development, and counseling of parents; with 1 face-to-face visit by a physician or other qualified health care professional per month	Procedure	CPT-4
90960	End-stage renal disease (ESRD) related services monthly, for patients 20 years of age and older; with 4 or more face-to-face visits by a physician or other qualified health care professional per month	Procedure	CPT-4
90961	End-stage renal disease (ESRD) related services monthly, for patients 20 years of age and older; with 2-3 face-to-face visits by a physician or other qualified health care professional per month	Procedure	CPT-4
90962	End-stage renal disease (ESRD) related services monthly, for patients 20 years of age and older; with 1 face-to-face visit by a physician or other qualified health care professional per month	Procedure	CPT-4
90963	End-stage renal disease (ESRD) related services for home dialysis per full month, for patients younger than 2 years of age to include monitoring for the adequacy of nutrition, assessment of growth and development, and counseling of parents	Procedure	CPT-4
90964	End-stage renal disease (ESRD) related services for home dialysis per full month, for patients 2-11 years of age to include monitoring for the adequacy of nutrition, assessment of growth and development, and counseling of parents	Procedure	CPT-4
90965	End-stage renal disease (ESRD) related services for home dialysis per full month, for patients 12-19 years of age to include monitoring for the adequacy of nutrition, assessment of growth and development, and counseling of parents	Procedure	CPT-4

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Code	Description	Code Category	Code Type
90966	End-stage renal disease (ESRD) related services for home dialysis per full month, for patients 20 years of age and older	Procedure	CPT-4
90967	End-stage renal disease (ESRD) related services for dialysis less than a full month of service, per day; for patients younger than 2 years of age	Procedure	CPT-4
90968	End-stage renal disease (ESRD) related services for dialysis less than a full month of service, per day; for patients 2-11 years of age	Procedure	CPT-4
90969	End-stage renal disease (ESRD) related services for dialysis less than a full month of service, per day; for patients 12-19 years of age	Procedure	CPT-4
90970	End-stage renal disease (ESRD) related services for dialysis less than a full month of service, per day; for patients 20 years of age and older	Procedure	CPT-4
90976	Peritoneal Dialysis For End-stage Renal Disease (esrd),	Procedure	CPT-4
90977	Peritoneal Dialysis For End-stage Renal Disease (esrd),	Procedure	CPT-4
90978	Peritoneal Dialysis For End-stage Renal Disease (esrd),	Procedure	CPT-4
90979	Peritoneal Dialysis For End-stage Renal Disease (esrd),	Procedure	CPT-4
90982	Peritoneal Dialysis For End-stage Renal Disease (esrd),	Procedure	CPT-4
90983	Peritoneal Dialysis For End-stage Renal Disease (esrd),	Procedure	CPT-4
90984	Peritoneal Dialysis For End-stage Renal Disease (esrd),	Procedure	CPT-4
90985	Peritoneal Dialysis For End-stage Renal Disease (esrd),	Procedure	CPT-4
90988	Supervision Of Hemodialysis In Hospital Or Other Facility (excluding Home Dialysis), On Monthly Basis	Procedure	CPT-4
90990	Hemodialysis Training And/or Counseling	Procedure	CPT-4
90991	Home Hemodialysis Care, Outpatient, For Those Services Either Provided By The Physician Primarily Responsible	Procedure	CPT-4
90992	Peritoneal Dialysis Training And/or Counseling	Procedure	CPT-4
90994	Supervision Of Chronic Ambulatory Peritoneal Dialysis (capd), Home Or Out-patient (monthly)	Procedure	CPT-4
90999	Unlisted dialysis procedure, inpatient or outpatient	Procedure	CPT-4
93985	Duplex scan of arterial inflow and venous outflow for preoperative vessel assessment prior to creation of hemodialysis access; complete bilateral study	Procedure	CPT-4
93986	Duplex scan of arterial inflow and venous outflow for preoperative vessel assessment prior to creation of hemodialysis access; complete unilateral study	Procedure	CPT-4
93990	Duplex scan of hemodialysis access (including arterial inflow, body of access and venous outflow)	Procedure	CPT-4
93998	Unlisted noninvasive vascular diagnostic study	Procedure	CPT-4
99512	Home visit for hemodialysis	Procedure	CPT-4
99559	Home infusion of peritoneal dialysis, per visit	Procedure	CPT-4
A4653	Peritoneal dialysis catheter anchoring device, belt, each	Procedure	HCPCS
A4680	Activated carbon filter for hemodialysis, each	Procedure	HCPCS
A4690	Dialyzer (artificial kidneys), all types, all sizes, for hemodialysis, each	Procedure	HCPCS
A4706	Bicarbonate concentrate, solution, for hemodialysis, per gallon	Procedure	HCPCS
A4707	Bicarbonate concentrate, powder, for hemodialysis, per packet	Procedure	HCPCS
A4708	Acetate concentrate solution, for hemodialysis, per gallon	Procedure	HCPCS
A4709	Acid concentrate, solution, for hemodialysis, per gallon	Procedure	HCPCS
A4714	Treated water (deionized, distilled, or reverse osmosis) for peritoneal dialysis, per gallon	Procedure	HCPCS
A4719	"Y set" tubing for peritoneal dialysis	Procedure	HCPCS

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Code	Description	Code Category	Code Type
A4720	Dialysate solution, any concentration of dextrose, fluid volume greater than 249 cc, but less than or equal to 999 cc, for peritoneal dialysis	Procedure	HCPCS
A4721	Dialysate solution, any concentration of dextrose, fluid volume greater than 999 cc but less than or equal to 1999 cc, for peritoneal dialysis	Procedure	HCPCS
A4722	Dialysate solution, any concentration of dextrose, fluid volume greater than 1999 cc but less than or equal to 2999 cc, for peritoneal dialysis	Procedure	HCPCS
A4723	Dialysate solution, any concentration of dextrose, fluid volume greater than 2999 cc but less than or equal to 3999 cc, for peritoneal dialysis	Procedure	HCPCS
A4724	Dialysate solution, any concentration of dextrose, fluid volume greater than 3999 cc but less than or equal to 4999 cc, for peritoneal dialysis	Procedure	HCPCS
A4725	Dialysate solution, any concentration of dextrose, fluid volume greater than 4999 cc but less than or equal to 5999 cc, for peritoneal dialysis	Procedure	HCPCS
A4726	Dialysate solution, any concentration of dextrose, fluid volume greater than 5999 cc, for peritoneal dialysis	Procedure	HCPCS
A4730	Fistula cannulation set for hemodialysis, each	Procedure	HCPCS
A4740	Shunt accessory, for hemodialysis, any type, each	Procedure	HCPCS
A4750	Blood tubing, arterial or venous, for hemodialysis, each	Procedure	HCPCS
A4755	Blood tubing, arterial and venous combined, for hemodialysis, each	Procedure	HCPCS
A4760	Dialysate solution test kit, for peritoneal dialysis, any type, each	Procedure	HCPCS
A4765	Dialysate concentrate, powder, additive for peritoneal dialysis, per packet	Procedure	HCPCS
A4766	Dialysate concentrate, solution, additive for peritoneal dialysis, per 10 ml	Procedure	HCPCS
A4801	Heparin, any type, for hemodialysis, per 1000 units	Procedure	HCPCS
A4802	Protamine sulfate, for hemodialysis, per 50 mg	Procedure	HCPCS
A4820	Hemodialysis kit supplies	Procedure	HCPCS
A4860	Disposable catheter tips for peritoneal dialysis, per 10	Procedure	HCPCS
A4870	Plumbing and/or electrical work for home hemodialysis equipment	Procedure	HCPCS
A4890	Contracts, repair and maintenance, for hemodialysis equipment	Procedure	HCPCS
A4900	Continuous ambulatory peritoneal dialysis (capd) supply kit	Procedure	HCPCS
A4901	Continuous cycling peritoneal dialysis (ccpd) supply kit	Procedure	HCPCS
A4905	Intermittent peritoneal dialysis (ipd) supply kit	Procedure	HCPCS
A4918	Venous pressure clamp, for hemodialysis, each	Procedure	HCPCS
B50W	Plain Radiography / Dialysis Shunt/Fistula	Diagnosis	ICD-10-CM
B50W0ZZ	Plain Radiography of Dialysis Shunt/Fistula using High Osmolar Contrast	Diagnosis	ICD-10-CM
B50W1ZZ	Plain Radiography of Dialysis Shunt/Fistula using Low Osmolar Contrast	Diagnosis	ICD-10-CM
B50WYZZ	Plain Radiography of Dialysis Shunt/Fistula using Other Contrast	Diagnosis	ICD-10-CM
B51W	Fluoroscopy / Dialysis Shunt/Fistula	Diagnosis	ICD-10-CM
B51W0ZA	Fluoroscopy of Dialysis Shunt/Fistula using High Osmolar Contrast, Guidance	Diagnosis	ICD-10-CM
B51W0ZZ	Fluoroscopy of Dialysis Shunt/Fistula using High Osmolar Contrast	Diagnosis	ICD-10-CM
B51W1ZA	Fluoroscopy of Dialysis Shunt/Fistula using Low Osmolar Contrast, Guidance	Diagnosis	ICD-10-CM
B51W1ZZ	Fluoroscopy of Dialysis Shunt/Fistula using Low Osmolar Contrast	Diagnosis	ICD-10-CM
B51WYZA	Fluoroscopy of Dialysis Shunt/Fistula using Other Contrast, Guidance	Diagnosis	ICD-10-CM
B51WYZZ	Fluoroscopy of Dialysis Shunt/Fistula using Other Contrast	Diagnosis	ICD-10-CM
B51WZZA	Fluoroscopy of Dialysis Shunt/Fistula, Guidance	Diagnosis	ICD-10-CM
B51WZZZ	Fluoroscopy of Dialysis Shunt/Fistula	Diagnosis	ICD-10-CM
C1750	Catheter, hemodialysis/peritoneal, long-term	Procedure	HCPCS

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Code	Description	Code Category	Code Type
C1751	Catheter, infusion, inserted peripherally, centrally or midline (other than hemodialysis)	Procedure	HCPCS
C1752	Catheter, hemodialysis/peritoneal, short-term	Procedure	HCPCS
E08.22	Diabetes mellitus due to underlying condition with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E08.29	Diabetes mellitus due to underlying condition with other diabetic kidney complication	Diagnosis	ICD-10-CM
E09.21	Drug or chemical induced diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E09.22	Drug or chemical induced diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E10.21	Type 1 diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E10.22	Type 1 diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E11.21	Type 2 diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E11.22	Type 2 diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E11.29	Type 2 diabetes mellitus with other diabetic kidney complication	Diagnosis	ICD-10-CM
E13.21	Other specified diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E13.22	Other specified diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E1520	Heparin infusion pump for hemodialysis	Procedure	HCPCS
E1530	Air bubble detector for hemodialysis, each, replacement	Procedure	HCPCS
E1540	Pressure alarm for hemodialysis, each, replacement	Procedure	HCPCS
E1550	Bath conductivity meter for hemodialysis, each	Procedure	HCPCS
E1560	Blood leak detector for hemodialysis, each, replacement	Procedure	HCPCS
E1575	Transducer protectors/fluid barriers, for hemodialysis, any size, per 10	Procedure	HCPCS
E1580	Unipuncture control system for hemodialysis	Procedure	HCPCS
E1590	Hemodialysis machine	Procedure	HCPCS
E1592	Automatic intermittent peritoneal dialysis system	Procedure	HCPCS
E1594	Cycler dialysis machine for peritoneal dialysis	Procedure	HCPCS
E1600	Delivery and/or installation charges for hemodialysis equipment	Procedure	HCPCS
E1610	Reverse osmosis water purification system, for hemodialysis	Procedure	HCPCS
E1615	Deionizer water purification system, for hemodialysis	Procedure	HCPCS
E1620	Blood pump for hemodialysis, replacement	Procedure	HCPCS
E1625	Water softening system, for hemodialysis	Procedure	HCPCS
E1630	Reciprocating peritoneal dialysis system	Procedure	HCPCS
E1634	Peritoneal dialysis clamps, each	Procedure	HCPCS
E1636	Sorbent cartridges, for hemodialysis, per 10	Procedure	HCPCS
E1638	Heating pad, for peritoneal dialysis, any size, each	Procedure	HCPCS
E1640	Replacement components for hemodialysis and/or peritoneal dialysis machines that are owned or being purchased by the patient	Procedure	HCPCS
G0365	Vessel mapping of vessels for hemodialysis access (services for preoperative vessel mapping prior to creation of hemodialysis access using an autogenous hemodialysis conduit, including arterial inflow and venous outflow)	Procedure	HCPCS
G0392	Transluminal balloon angioplasty, percutaneous; for maintenance of hemodialysis access, arteriovenous fistula or graft; arterial	Procedure	HCPCS
G0393	Transluminal balloon angioplasty, percutaneous; for maintenance of hemodialysis access, arteriovenous fistula or graft; venous	Procedure	HCPCS
G8081	ESRD patient requiring hemodialysis vascular access documented to have received autogenous AV fistula	Procedure	HCPCS

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Code	Description	Code Category	Code Type
G8082	ESRD patient requiring hemodialysis documented to have received vascular access other than autogenous AV fistula	Procedure	HCPCS
G8085	ESRD patient requiring hemodialysis vascular access was not an eligible candidate for autogenous AV fistula	Procedure	HCPCS
G8714	Hemodialysis treatment performed exactly 3 times per week > 90 days	Procedure	HCPCS
G8715	Hemodialysis treatment performed less than 3 times per week or greater than 3 times per week	Procedure	HCPCS
G8727	Patient receiving hemodialysis, peritoneal dialysis or kidney transplantation	Procedure	HCPCS
G8956	Patient receiving maintenance hemodialysis in an outpatient dialysis facility	Procedure	HCPCS
G8957	Patient not receiving maintenance hemodialysis in an outpatient dialysis facility	Procedure	HCPCS
G9239	Documentation of reasons for patient initiating maintenance hemodialysis with a catheter as the mode of vascular access (e.g., patient has a maturing arteriovenous fistula (AVF)/arteriovenous graft (AVG), time limited trial of hemodialysis, other medical reasons, patient declined AVF/AVG, other patient reasons, patient followed by reporting nephrologist for fewer than 90 days, other system reasons)	Procedure	HCPCS
G9240	Patient whose mode of vascular access is a catheter at the time maintenance hemodialysis is initiated	Procedure	HCPCS
G9241	Patient whose mode of vascular access is not a catheter at the time maintenance hemodialysis is initiated	Procedure	HCPCS
G9264	Documentation of patient receiving maintenance hemodialysis for greater than or equal to 90 days with a catheter for documented reasons (e.g., other medical reasons, patient declined arteriovenous fistula (AVF)/arteriovenous graft (AVG), other patient reasons)	Procedure	HCPCS
G9265	Patient receiving maintenance hemodialysis for greater than or equal to 90 days with a catheter as the mode of vascular access	Procedure	HCPCS
G9266	Patient receiving maintenance hemodialysis for greater than or equal to 90 days without a catheter as the mode of vascular access	Procedure	HCPCS
G9523	Patient discontinued from hemodialysis or peritoneal dialysis	Procedure	HCPCS
I12.0	Hypertensive chronic kidney disease with stage 5 chronic kidney disease or end stage renal disease	Diagnosis	ICD-10-CM
I12.9	Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I13.0	Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I13.1	Hypertensive heart and chronic kidney disease without heart failure	Diagnosis	ICD-10-CM
I13.10	Hypertensive heart and chronic kidney disease without heart failure, with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I13.11	Hypertensive heart and chronic kidney disease without heart failure, with stage 5 chronic kidney disease, or end stage renal disease	Diagnosis	ICD-10-CM
I13.2	Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage renal disease	Diagnosis	ICD-10-CM
K0610	Peritoneal dialysis clamp, each	Procedure	HCPCS
K76.7	Hepatorenal syndrome	Diagnosis	ICD-10-CM
M32.14	Glomerular disease in systemic lupus erythematosus	Diagnosis	ICD-10-CM
M32.15	Tubulo-interstitial nephropathy in systemic lupus erythematosus	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
M35.04	Sicca syndrome with tubulo-interstitial nephropathy	Diagnosis	ICD-10-CM
N01.0	Rapidly progressive nephritic syndrome with minor glomerular abnormality	Diagnosis	ICD-10-CM
N01.1	Rapidly progressive nephritic syndrome with focal and segmental glomerular lesions	Diagnosis	ICD-10-CM
N01.2	Rapidly progressive nephritic syndrome with diffuse membranous glomerulonephritis	Diagnosis	ICD-10-CM
N01.3	Rapidly progressive nephritic syndrome with diffuse mesangial proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N01.4	Rapidly progressive nephritic syndrome with diffuse endocapillary proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N01.5	Rapidly progressive nephritic syndrome with diffuse mesangiocapillary glomerulonephritis	Diagnosis	ICD-10-CM
N01.6	Rapidly progressive nephritic syndrome with dense deposit disease	Diagnosis	ICD-10-CM
N01.7	Rapidly progressive nephritic syndrome with diffuse crescentic glomerulonephritis	Diagnosis	ICD-10-CM
N01.8	Rapidly progressive nephritic syndrome with other morphologic changes	Diagnosis	ICD-10-CM
N01.9	Rapidly progressive nephritic syndrome with unspecified morphologic changes	Diagnosis	ICD-10-CM
N02.0	Recurrent and persistent hematuria with minor glomerular abnormality	Diagnosis	ICD-10-CM
N02.1	Recurrent and persistent hematuria with focal and segmental glomerular lesions	Diagnosis	ICD-10-CM
N02.2	Recurrent and persistent hematuria with diffuse membranous glomerulonephritis	Diagnosis	ICD-10-CM
N02.3	Recurrent and persistent hematuria with diffuse mesangial proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N02.4	Recurrent and persistent hematuria with diffuse endocapillary proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N02.5	Recurrent and persistent hematuria with diffuse mesangiocapillary glomerulonephritis	Diagnosis	ICD-10-CM
N02.6	Recurrent and persistent hematuria with dense deposit disease	Diagnosis	ICD-10-CM
N02.7	Recurrent and persistent hematuria with diffuse crescentic glomerulonephritis	Diagnosis	ICD-10-CM
N02.8	Recurrent and persistent hematuria with other morphologic changes	Diagnosis	ICD-10-CM
N02.9	Recurrent and persistent hematuria with unspecified morphologic changes	Diagnosis	ICD-10-CM
N03.0	Chronic nephritic syndrome with minor glomerular abnormality	Diagnosis	ICD-10-CM
N03.1	Chronic nephritic syndrome with focal and segmental glomerular lesions	Diagnosis	ICD-10-CM
N03.2	Chronic nephritic syndrome with diffuse membranous glomerulonephritis	Diagnosis	ICD-10-CM
N03.3	Chronic nephritic syndrome with diffuse mesangial proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N03.4	Chronic nephritic syndrome with diffuse endocapillary proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N03.5	Chronic nephritic syndrome with diffuse mesangiocapillary glomerulonephritis	Diagnosis	ICD-10-CM
N03.6	Chronic nephritic syndrome with dense deposit disease	Diagnosis	ICD-10-CM
N03.7	Chronic nephritic syndrome with diffuse crescentic glomerulonephritis	Diagnosis	ICD-10-CM
N03.8	Chronic nephritic syndrome with other morphologic changes	Diagnosis	ICD-10-CM
N03.9	Chronic nephritic syndrome with unspecified morphologic changes	Diagnosis	ICD-10-CM
N04.0	Nephrotic syndrome with minor glomerular abnormality	Diagnosis	ICD-10-CM
N04.1	Nephrotic syndrome with focal and segmental glomerular lesions	Diagnosis	ICD-10-CM
N04.2	Nephrotic syndrome with diffuse membranous glomerulonephritis	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
N04.3	Nephrotic syndrome with diffuse mesangial proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N04.4	Nephrotic syndrome with diffuse endocapillary proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N04.5	Nephrotic syndrome with diffuse mesangiocapillary glomerulonephritis	Diagnosis	ICD-10-CM
N04.6	Nephrotic syndrome with dense deposit disease	Diagnosis	ICD-10-CM
N04.7	Nephrotic syndrome with diffuse crescentic glomerulonephritis	Diagnosis	ICD-10-CM
N04.8	Nephrotic syndrome with other morphologic changes	Diagnosis	ICD-10-CM
N04.9	Nephrotic syndrome with unspecified morphologic changes	Diagnosis	ICD-10-CM
N05.0	Unspecified nephritic syndrome with minor glomerular abnormality	Diagnosis	ICD-10-CM
N05.1	Unspecified nephritic syndrome with focal and segmental glomerular lesions	Diagnosis	ICD-10-CM
N05.2	Unspecified nephritic syndrome with diffuse membranous glomerulonephritis	Diagnosis	ICD-10-CM
N05.3	Unspecified nephritic syndrome with diffuse mesangial proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N05.4	Unspecified nephritic syndrome with diffuse endocapillary proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N05.5	Unspecified nephritic syndrome with diffuse mesangiocapillary glomerulonephritis	Diagnosis	ICD-10-CM
N05.6	Unspecified nephritic syndrome with dense deposit disease	Diagnosis	ICD-10-CM
N05.7	Unspecified nephritic syndrome with diffuse crescentic glomerulonephritis	Diagnosis	ICD-10-CM
N05.8	Unspecified nephritic syndrome with other morphologic changes	Diagnosis	ICD-10-CM
N05.9	Unspecified nephritic syndrome with unspecified morphologic changes	Diagnosis	ICD-10-CM
N06.0	Isolated proteinuria with minor glomerular abnormality	Diagnosis	ICD-10-CM
N06.1	Isolated proteinuria with focal and segmental glomerular lesions	Diagnosis	ICD-10-CM
N06.2	Isolated proteinuria with diffuse membranous glomerulonephritis	Diagnosis	ICD-10-CM
N06.3	Isolated proteinuria with diffuse mesangial proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N06.4	Isolated proteinuria with diffuse endocapillary proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N06.5	Isolated proteinuria with diffuse mesangiocapillary glomerulonephritis	Diagnosis	ICD-10-CM
N06.6	Isolated proteinuria with dense deposit disease	Diagnosis	ICD-10-CM
N06.7	Isolated proteinuria with diffuse crescentic glomerulonephritis	Diagnosis	ICD-10-CM
N06.8	Isolated proteinuria with other morphologic lesion	Diagnosis	ICD-10-CM
N06.9	Isolated proteinuria with unspecified morphologic lesion	Diagnosis	ICD-10-CM
N07.0	Hereditary nephropathy, not elsewhere classified with minor glomerular abnormality	Diagnosis	ICD-10-CM
N07.1	Hereditary nephropathy, not elsewhere classified with focal and segmental glomerular lesions	Diagnosis	ICD-10-CM
N07.2	Hereditary nephropathy, not elsewhere classified with diffuse membranous glomerulonephritis	Diagnosis	ICD-10-CM
N07.3	Hereditary nephropathy, not elsewhere classified with diffuse mesangial proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N07.4	Hereditary nephropathy, not elsewhere classified with diffuse endocapillary proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N07.5	Hereditary nephropathy, not elsewhere classified with diffuse mesangiocapillary glomerulonephritis	Diagnosis	ICD-10-CM
N07.6	Hereditary nephropathy, not elsewhere classified with dense deposit disease	Diagnosis	ICD-10-CM
N07.7	Hereditary nephropathy, not elsewhere classified with diffuse crescentic glomerulonephritis	Diagnosis	ICD-10-CM
N07.8	Hereditary nephropathy, not elsewhere classified with other morphologic lesions	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
N07.9	Hereditary nephropathy, not elsewhere classified with unspecified morphologic lesions	Diagnosis	ICD-10-CM
N08	Glomerular disorders in diseases classified elsewhere	Diagnosis	ICD-10-CM
N11.0	Nonobstructive reflux-associated chronic pyelonephritis	Diagnosis	ICD-10-CM
N11.1	Chronic obstructive pyelonephritis	Diagnosis	ICD-10-CM
N11.8	Other chronic tubulo-interstitial nephritis	Diagnosis	ICD-10-CM
N11.9	Chronic tubulo-interstitial nephritis, unspecified	Diagnosis	ICD-10-CM
N12	Tubulo-interstitial nephritis, not specified as acute or chronic	Diagnosis	ICD-10-CM
N13.0	Hydronephrosis with ureteropelvic junction obstruction	Diagnosis	ICD-10-CM
N13.4	Hydroureter	Diagnosis	ICD-10-CM
N13.5	Crossing vessel and stricture of ureter without hydronephrosis	Diagnosis	ICD-10-CM
N13.6	Pyonephrosis	Diagnosis	ICD-10-CM
N13.70	Vesicoureteral-reflux, unspecified	Diagnosis	ICD-10-CM
N13.71	Vesicoureteral-reflux without reflux nephropathy	Diagnosis	ICD-10-CM
N13.721	Vesicoureteral-reflux with reflux nephropathy without hydroureter, unilateral	Diagnosis	ICD-10-CM
N13.722	Vesicoureteral-reflux with reflux nephropathy without hydroureter, bilateral	Diagnosis	ICD-10-CM
N13.729	Vesicoureteral-reflux with reflux nephropathy without hydroureter, unspecified	Diagnosis	ICD-10-CM
N13.731	Vesicoureteral-reflux with reflux nephropathy with hydroureter, unilateral	Diagnosis	ICD-10-CM
N13.732	Vesicoureteral-reflux with reflux nephropathy with hydroureter, bilateral	Diagnosis	ICD-10-CM
N13.739	Vesicoureteral-reflux with reflux nephropathy with hydroureter, unspecified	Diagnosis	ICD-10-CM
N13.8	Other obstructive and reflux uropathy	Diagnosis	ICD-10-CM
N13.9	Obstructive and reflux uropathy, unspecified	Diagnosis	ICD-10-CM
N14.0	Analgesic nephropathy	Diagnosis	ICD-10-CM
N14.1	Nephropathy induced by other drugs, medicaments and biological substances	Diagnosis	ICD-10-CM
N14.2	Nephropathy induced by unspecified drug, medicament or biological substance	Diagnosis	ICD-10-CM
N14.3	Nephropathy induced by heavy metals	Diagnosis	ICD-10-CM
N14.4	Toxic nephropathy, not elsewhere classified	Diagnosis	ICD-10-CM
N15.0	Balkan nephropathy	Diagnosis	ICD-10-CM
N15.8	Other specified renal tubulo-interstitial diseases	Diagnosis	ICD-10-CM
N15.9	Renal tubulo-interstitial disease, unspecified	Diagnosis	ICD-10-CM
N16	Renal tubulo-interstitial disorders in diseases classified elsewhere	Diagnosis	ICD-10-CM
N18.1	Chronic kidney disease, stage 1	Diagnosis	ICD-10-CM
N18.2	Chronic kidney disease, stage 2 (mild)	Diagnosis	ICD-10-CM
N18.3	Chronic kidney disease, stage 3 (moderate)	Diagnosis	ICD-10-CM
N18.4	Chronic kidney disease, stage 4 (severe)	Diagnosis	ICD-10-CM
N18.5	Chronic kidney disease, stage 5	Diagnosis	ICD-10-CM
N18.6	End stage renal disease	Diagnosis	ICD-10-CM
N18.9	Chronic kidney disease, unspecified	Diagnosis	ICD-10-CM
N19	Unspecified kidney failure	Diagnosis	ICD-10-CM
N25.0	Renal osteodystrophy	Diagnosis	ICD-10-CM
N25.1	Nephrogenic diabetes insipidus	Diagnosis	ICD-10-CM
N25.81	Secondary hyperparathyroidism of renal origin	Diagnosis	ICD-10-CM
N25.89	Other disorders resulting from impaired renal tubular function	Diagnosis	ICD-10-CM
N25.9	Disorder resulting from impaired renal tubular function, unspecified	Diagnosis	ICD-10-CM
N26.1	Atrophy of kidney (terminal)	Diagnosis	ICD-10-CM
N26.9	Renal sclerosis, unspecified	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
N28.89	Other specified disorders of kidney and ureter	Diagnosis	ICD-10-CM
N28.9	Disorder of kidney and ureter, unspecified	Diagnosis	ICD-10-CM
N29	Other disorders of kidney and ureter in diseases classified elsewhere	Diagnosis	ICD-10-CM
Q61.02	Congenital multiple renal cysts	Diagnosis	ICD-10-CM
Q61.11	Cystic dilatation of collecting ducts	Diagnosis	ICD-10-CM
Q61.19	Other polycystic kidney, infantile type	Diagnosis	ICD-10-CM
Q61.2	Polycystic kidney, adult type	Diagnosis	ICD-10-CM
Q61.3	Polycystic kidney, unspecified	Diagnosis	ICD-10-CM
Q61.4	Renal dysplasia	Diagnosis	ICD-10-CM
Q61.5	Medullary cystic kidney	Diagnosis	ICD-10-CM
Q61.8	Other cystic kidney diseases	Diagnosis	ICD-10-CM
Q62.0	Congenital hydronephrosis	Diagnosis	ICD-10-CM
Q62.10	Congenital occlusion of ureter, unspecified	Diagnosis	ICD-10-CM
Q62.11	Congenital occlusion of ureteropelvic junction	Diagnosis	ICD-10-CM
Q62.12	Congenital occlusion of ureterovesical orifice	Diagnosis	ICD-10-CM
Q62.2	Congenital megaureter	Diagnosis	ICD-10-CM
Q62.31	Congenital ureterocele, orthotopic	Diagnosis	ICD-10-CM
Q62.32	Cecoureterocele	Diagnosis	ICD-10-CM
Q62.39	Other obstructive defects of renal pelvis and ureter	Diagnosis	ICD-10-CM
R94.4	Abnormal results of kidney function studies	Diagnosis	ICD-10-CM
S9335	Home therapy, hemodialysis; administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing services coded separately), per diem	Procedure	HCPCS
S9339	Home therapy; peritoneal dialysis, administrative services, professional pharmacy services, care coordination and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	Procedure	HCPCS
Z49.0	Preparatory care for renal dialysis	Diagnosis	ICD-10-CM
Z49.01	Encounter for fitting and adjustment of extracorporeal dialysis catheter	Diagnosis	ICD-10-CM
Z49.02	Encounter for fitting and adjustment of peritoneal dialysis catheter	Diagnosis	ICD-10-CM
Z49.3	Encounter for adequacy testing for dialysis	Diagnosis	ICD-10-CM
Z49.31	Encounter for adequacy testing for hemodialysis	Diagnosis	ICD-10-CM
Z49.32	Encounter for adequacy testing for peritoneal dialysis	Diagnosis	ICD-10-CM
Z99.2	Dependence on renal dialysis	Diagnosis	ICD-10-CM
Obesity			
0D16079	Bypass Stomach to Duodenum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1607A	Bypass Stomach to Jejunum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1607B	Bypass Stomach to Ileum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1607L	Bypass Stomach to Transverse Colon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D160J9	Bypass Stomach to Duodenum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D160JA	Bypass Stomach to Jejunum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D160JB	Bypass Stomach to Ileum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D160JL	Bypass Stomach to Transverse Colon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D160K9	Bypass Stomach to Duodenum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
0D160KA	Bypass Stomach to Jejunum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D160KB	Bypass Stomach to Ileum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D160KL	Bypass Stomach to Transverse Colon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D160Z9	Bypass Stomach to Duodenum, Open Approach	Procedure	ICD-10-PCS
0D160ZA	Bypass Stomach to Jejunum, Open Approach	Procedure	ICD-10-PCS
0D160ZB	Bypass Stomach to Ileum, Open Approach	Procedure	ICD-10-PCS
0D160ZL	Bypass Stomach to Transverse Colon, Open Approach	Procedure	ICD-10-PCS
0D16479	Bypass Stomach to Duodenum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1647A	Bypass Stomach to Jejunum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1647B	Bypass Stomach to Ileum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1647L	Bypass Stomach to Transverse Colon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D164J9	Bypass Stomach to Duodenum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D164JA	Bypass Stomach to Jejunum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D164JB	Bypass Stomach to Ileum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D164JL	Bypass Stomach to Transverse Colon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D164K9	Bypass Stomach to Duodenum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D164KA	Bypass Stomach to Jejunum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D164KB	Bypass Stomach to Ileum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D164KL	Bypass Stomach to Transverse Colon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D164Z9	Bypass Stomach to Duodenum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D164ZA	Bypass Stomach to Jejunum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D164ZB	Bypass Stomach to Ileum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D164ZL	Bypass Stomach to Transverse Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D16879	Bypass Stomach to Duodenum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1687A	Bypass Stomach to Jejunum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1687B	Bypass Stomach to Ileum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1687L	Bypass Stomach to Transverse Colon with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
0D168J9	Bypass Stomach to Duodenum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D168JA	Bypass Stomach to Jejunum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D168JB	Bypass Stomach to Ileum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D168JL	Bypass Stomach to Transverse Colon with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D168K9	Bypass Stomach to Duodenum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D168KA	Bypass Stomach to Jejunum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D168KB	Bypass Stomach to Ileum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D168KL	Bypass Stomach to Transverse Colon with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D168Z9	Bypass Stomach to Duodenum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D168ZA	Bypass Stomach to Jejunum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D168ZB	Bypass Stomach to Ileum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D168ZL	Bypass Stomach to Transverse Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D19079	Bypass Duodenum to Duodenum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1907A	Bypass Duodenum to Jejunum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1907B	Bypass Duodenum to Ileum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D190J9	Bypass Duodenum to Duodenum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D190JA	Bypass Duodenum to Jejunum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D190JB	Bypass Duodenum to Ileum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D190K9	Bypass Duodenum to Duodenum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D190KA	Bypass Duodenum to Jejunum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D190KB	Bypass Duodenum to Ileum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D190Z9	Bypass Duodenum to Duodenum, Open Approach	Procedure	ICD-10-PCS
0D190ZA	Bypass Duodenum to Jejunum, Open Approach	Procedure	ICD-10-PCS
0D190ZB	Bypass Duodenum to Ileum, Open Approach	Procedure	ICD-10-PCS
0D19479	Bypass Duodenum to Duodenum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1947A	Bypass Duodenum to Jejunum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1947B	Bypass Duodenum to Ileum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D194J9	Bypass Duodenum to Duodenum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D194JA	Bypass Duodenum to Jejunum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
0D194JB	Bypass Duodenum to Ileum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D194K9	Bypass Duodenum to Duodenum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D194KA	Bypass Duodenum to Jejunum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D194KB	Bypass Duodenum to Ileum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D194Z9	Bypass Duodenum to Duodenum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D194ZA	Bypass Duodenum to Jejunum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D194ZB	Bypass Duodenum to Ileum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D19879	Bypass Duodenum to Duodenum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1987A	Bypass Duodenum to Jejunum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1987B	Bypass Duodenum to Ileum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D198J9	Bypass Duodenum to Duodenum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D198JA	Bypass Duodenum to Jejunum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D198JB	Bypass Duodenum to Ileum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D198K9	Bypass Duodenum to Duodenum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D198KA	Bypass Duodenum to Jejunum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D198KB	Bypass Duodenum to Ileum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D198Z9	Bypass Duodenum to Duodenum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D198ZA	Bypass Duodenum to Jejunum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D198ZB	Bypass Duodenum to Ileum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A07A	Bypass Jejunum to Jejunum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A07B	Bypass Jejunum to Ileum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A0JA	Bypass Jejunum to Jejunum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A0JB	Bypass Jejunum to Ileum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A0KA	Bypass Jejunum to Jejunum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A0KB	Bypass Jejunum to Ileum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A0ZA	Bypass Jejunum to Jejunum, Open Approach	Procedure	ICD-10-PCS
0D1A0ZB	Bypass Jejunum to Ileum, Open Approach	Procedure	ICD-10-PCS
0D1A47A	Bypass Jejunum to Jejunum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A47B	Bypass Jejunum to Ileum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
0D1A4JA	Bypass Jejunum to Jejunum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A4JB	Bypass Jejunum to Ileum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A4KA	Bypass Jejunum to Jejunum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A4KB	Bypass Jejunum to Ileum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A4ZA	Bypass Jejunum to Jejunum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A4ZB	Bypass Jejunum to Ileum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A87A	Bypass Jejunum to Jejunum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A87B	Bypass Jejunum to Ileum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A8JA	Bypass Jejunum to Jejunum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A8JB	Bypass Jejunum to Ileum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A8KA	Bypass Jejunum to Jejunum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A8KB	Bypass Jejunum to Ileum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A8ZA	Bypass Jejunum to Jejunum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A8ZB	Bypass Jejunum to Ileum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B07B	Bypass Ileum to Ileum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1B0JB	Bypass Ileum to Ileum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1B0KB	Bypass Ileum to Ileum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1B0ZB	Bypass Ileum to Ileum, Open Approach	Procedure	ICD-10-PCS
0D1B47B	Bypass Ileum to Ileum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B4JB	Bypass Ileum to Ileum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B4KB	Bypass Ileum to Ileum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B4ZB	Bypass Ileum to Ileum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B87B	Bypass Ileum to Ileum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B8JB	Bypass Ileum to Ileum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B8KB	Bypass Ileum to Ileum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B8ZB	Bypass Ileum to Ileum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B8ZH	Bypass Ileum to Cecum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DB60Z3	Excision of Stomach, Open Approach, Vertical	Procedure	ICD-10-PCS
0DB60ZZ	Excision of Stomach, Open Approach	Procedure	ICD-10-PCS
0DB63Z3	Excision of Stomach, Percutaneous Approach, Vertical	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
0DB63ZZ	Excision of Stomach, Percutaneous Approach	Procedure	ICD-10-PCS
0DB67Z3	Excision of Stomach, Via Natural or Artificial Opening, Vertical	Procedure	ICD-10-PCS
0DB67ZZ	Excision of Stomach, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DB68Z3	Excision of Stomach, Via Natural or Artificial Opening Endoscopic, Vertical	Procedure	ICD-10-PCS
0DB80ZZ	Excision of Small Intestine, Open Approach	Procedure	ICD-10-PCS
0DBB0ZZ	Excision of Ileum, Open Approach	Procedure	ICD-10-PCS
0DV64CZ	Restriction of Stomach with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F190Z3	Bypass Common Bile Duct to Duodenum, Open Approach	Procedure	ICD-10-PCS
OTRB07Z	Replacement of Bladder with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
43644	Laparoscopy, surgical, gastric restrictive procedure; with gastric bypass and Roux-en-Y gastroenterostomy (roux limb 150 cm or less)	Procedure	ICD-10-PCS
43645	Laparoscopy, surgical, gastric restrictive procedure; with gastric bypass and small intestine reconstruction to limit absorption	Procedure	ICD-10-PCS
43770	Laparoscopy, surgical, gastric restrictive procedure; placement of adjustable gastric restrictive device (eg, gastric band and subcutaneous port components)	Procedure	ICD-10-PCS
43842	Gastric restrictive procedure, without gastric bypass, for morbid obesity; vertical-banded gastroplasty	Procedure	ICD-10-PCS
43843	Gastric restrictive procedure, without gastric bypass, for morbid obesity; other than vertical-banded gastroplasty	Procedure	ICD-10-PCS
43845	Gastric restrictive procedure with partial gastrectomy, pylorus-preserving duodenoileostomy and ileoileostomy (50 to 100 cm common channel) to limit absorption (biliopancreatic diversion with duodenal switch)	Procedure	ICD-10-PCS
43846	Gastric restrictive procedure, with gastric bypass for morbid obesity; with short limb (150 cm or less) Roux-en-Y gastroenterostomy	Procedure	ICD-10-PCS
43847	Gastric restrictive procedure, with gastric bypass for morbid obesity; with small intestine reconstruction to limit absorption	Procedure	ICD-10-PCS
E66.01	Morbid (severe) obesity due to excess calories	Diagnosis	ICD-10-CM
E66.09	Other obesity due to excess calories	Diagnosis	ICD-10-CM
E66.1	Drug-induced obesity	Diagnosis	ICD-10-CM
E66.2	Morbid (severe) obesity with alveolar hypoventilation	Diagnosis	ICD-10-CM
E66.8	Other obesity	Diagnosis	ICD-10-CM
E66.9	Obesity, unspecified	Diagnosis	ICD-10-CM
K95.01	Infection due to gastric band procedure	Diagnosis	ICD-10-CM
K95.09	Other complications of gastric band procedure	Diagnosis	ICD-10-CM
K95.81	Infection due to other bariatric procedure	Diagnosis	ICD-10-CM
K95.89	Other complications of other bariatric procedure	Diagnosis	ICD-10-CM
O99.210	Obesity complicating pregnancy, unspecified trimester	Diagnosis	ICD-10-CM
O99.211	Obesity complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O99.212	Obesity complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O99.213	Obesity complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99.214	Obesity complicating childbirth	Diagnosis	ICD-10-CM
O99.215	Obesity complicating the puerperium	Diagnosis	ICD-10-CM
O99.840	Bariatric surgery status complicating pregnancy, unspecified trimester	Diagnosis	ICD-10-CM
O99.841	Bariatric surgery status complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O99.842	Bariatric surgery status complicating pregnancy, second trimester	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O99.843	Bariatric surgery status complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99.844	Bariatric surgery status complicating childbirth	Diagnosis	ICD-10-CM
O99.845	Bariatric surgery status complicating the puerperium	Diagnosis	ICD-10-CM
Z68.30	Body mass index (BMI) 30.0-30.9, adult	Diagnosis	ICD-10-CM
Z68.31	Body mass index (BMI) 31.0-31.9, adult	Diagnosis	ICD-10-CM
Z68.32	Body mass index (BMI) 32.0-32.9, adult	Diagnosis	ICD-10-CM
Z68.33	Body mass index (BMI) 33.0-33.9, adult	Diagnosis	ICD-10-CM
Z68.34	Body mass index (BMI) 34.0-34.9, adult	Diagnosis	ICD-10-CM
Z68.35	Body mass index (BMI) 35.0-35.9, adult	Diagnosis	ICD-10-CM
Z68.36	Body mass index (BMI) 36.0-36.9, adult	Diagnosis	ICD-10-CM
Z68.37	Body mass index (BMI) 37.0-37.9, adult	Diagnosis	ICD-10-CM
Z68.38	Body mass index (BMI) 38.0-38.9, adult	Diagnosis	ICD-10-CM
Z68.39	Body mass index (BMI) 39.0-39.9, adult	Diagnosis	ICD-10-CM
Z68.41	Body mass index (BMI) 40.0-44.9, adult	Diagnosis	ICD-10-CM
Z68.42	Body mass index (BMI) 45.0-49.9, adult	Diagnosis	ICD-10-CM
Z68.43	Body mass index (BMI) 50.0-59.9, adult	Diagnosis	ICD-10-CM
Z68.44	Body mass index (BMI) 60.0-69.9, adult	Diagnosis	ICD-10-CM
Z68.45	Body mass index (BMI) 70 or greater, adult	Diagnosis	ICD-10-CM
Smoking (tobacco)			
1034F	Current tobacco smoker (CAD, CAP, COPD, PV) (DM)	Procedure	CPT-2
4001F	Tobacco use cessation intervention, pharmacologic therapy (COPD, CAD, CAP, PV, Asthma) (DM) (PV)	Procedure	CPT-2
4004F	Patient screened for tobacco use and received tobacco cessation intervention (counseling, pharmacotherapy, or both), if identified as a tobacco user (PV, CAD)	Procedure	CPT-2
99406	Smoking and tobacco use cessation counseling visit; intermediate, greater than 3 minutes up to 10 minutes	Procedure	CPT-4
99407	Smoking and tobacco use cessation counseling visit; intensive, greater than 10 minutes	Procedure	CPT-4
F17.21	Nicotine dependence, cigarettes	Diagnosis	ICD-10-CM
F17.210	Nicotine dependence, cigarettes, uncomplicated	Diagnosis	ICD-10-CM
F17.211	Nicotine dependence, cigarettes, in remission	Diagnosis	ICD-10-CM
F17.213	Nicotine dependence, cigarettes, with withdrawal	Diagnosis	ICD-10-CM
F17.218	Nicotine dependence, cigarettes, with other nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.219	Nicotine dependence, cigarettes, with unspecified nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.29	Nicotine dependence, other tobacco product	Diagnosis	ICD-10-CM
F17.290	Nicotine dependence, other tobacco product, uncomplicated	Diagnosis	ICD-10-CM
F17.291	Nicotine dependence, other tobacco product, in remission	Diagnosis	ICD-10-CM
F17.293	Nicotine dependence, other tobacco product, with withdrawal	Diagnosis	ICD-10-CM
F17.298	Nicotine dependence, other tobacco product, with other nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.299	Nicotine dependence, other tobacco product, with unspecified nicotine-induced disorders	Diagnosis	ICD-10-CM
G0436	Smoking and tobacco cessation counseling visit for the asymptomatic patient; intermediate, greater than 3 minutes, up to 10 minutes	Procedure	HCPCS

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Code	Description	Code Category	Code Type
G9016	Smoking cessation counseling, individual, in the absence of or in addition to any other evaluation and management service, per session (6-10 minutes) [demo project code only]	Procedure	HCPCS
G9276	Documentation that patient is a current tobacco user	Procedure	HCPCS
G9458	Patient documented as tobacco user and received tobacco cessation intervention (must include at least one of the following: advice given to quit smoking or tobacco use, counseling on the benefits of quitting smoking or tobacco use, assistance with or referral to external smoking or tobacco cessation support programs, or current enrollment in smoking or tobacco use cessation program) if identified as a tobacco user	Procedure	HCPCS
S4995	Smoking cessation gum	Procedure	HCPCS
S9453	Smoking cessation classes, nonphysician provider, per session	Procedure	HCPCS
Z71.6	Tobacco abuse counseling	Diagnosis	ICD-10-CM
Z72.0	Tobacco use	Diagnosis	ICD-10-CM
Z87.891	Personal history of nicotine dependence	Diagnosis	ICD-10-CM
Stem Cell Transplant			
30230AZ	Transfusion of Embryonic Stem Cells into Peripheral Vein, Open Approach	Procedure	ICD-10-PCS
30230U2	Transfusion of Allogeneic Related T-cell Depleted Hematopoietic Stem Cells into Peripheral Vein, Open Approach	Procedure	ICD-10-PCS
30230U3	Transfusion of Allogeneic Unrelated T-cell Depleted Hematopoietic Stem Cells into Peripheral Vein, Open Approach	Procedure	ICD-10-PCS
30230U4	Transfusion of Allogeneic Unspecified T-cell Depleted Hematopoietic Stem Cells into Peripheral Vein, Open Approach	Procedure	ICD-10-PCS
30230X0	Transfusion of Autologous Cord Blood Stem Cells into Peripheral Vein, Open Approach	Procedure	ICD-10-PCS
30230X1	Transfusion of Nonautologous Cord Blood Stem Cells into Peripheral Vein, Open Approach	Procedure	ICD-10-PCS
30230X2	Transfusion of Allogeneic Related Cord Blood Stem Cells into Peripheral Vein, Open Approach	Procedure	ICD-10-PCS
30230X3	Transfusion of Allogeneic Unrelated Cord Blood Stem Cells into Peripheral Vein, Open Approach	Procedure	ICD-10-PCS
30230X4	Transfusion of Allogeneic Unspecified Cord Blood Stem Cells into Peripheral Vein, Open Approach	Procedure	ICD-10-PCS
30230Y0	Transfusion of Autologous Hematopoietic Stem Cells into Peripheral Vein, Open Approach	Procedure	ICD-10-PCS
30230Y1	Transfusion of Nonautologous Hematopoietic Stem Cells into Peripheral Vein, Open Approach	Procedure	ICD-10-PCS
30230Y2	Transfusion of Allogeneic Related Hematopoietic Stem Cells into Peripheral Vein, Open Approach	Procedure	ICD-10-PCS
30230Y3	Transfusion of Allogeneic Unrelated Hematopoietic Stem Cells into Peripheral Vein, Open Approach	Procedure	ICD-10-PCS
30230Y4	Transfusion of Allogeneic Unspecified Hematopoietic Stem Cells into Peripheral Vein, Open Approach	Procedure	ICD-10-PCS
30233AZ	Transfusion of Embryonic Stem Cells into Peripheral Vein, Percutaneous Approach	Procedure	ICD-10-PCS
30233U2	Transfusion of Allogeneic Related T-cell Depleted Hematopoietic Stem Cells into Peripheral Vein, Percutaneous Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
30233U3	Transfusion of Allogeneic Unrelated T-cell Depleted Hematopoietic Stem Cells into Peripheral Vein, Percutaneous Approach	Procedure	ICD-10-PCS
30233U4	Transfusion of Allogeneic Unspecified T-cell Depleted Hematopoietic Stem Cells into Peripheral Vein, Percutaneous Approach	Procedure	ICD-10-PCS
30233X0	Transfusion of Autologous Cord Blood Stem Cells into Peripheral Vein, Percutaneous Approach	Procedure	ICD-10-PCS
30233X1	Transfusion of Nonautologous Cord Blood Stem Cells into Peripheral Vein, Percutaneous Approach	Procedure	ICD-10-PCS
30233X2	Transfusion of Allogeneic Related Cord Blood Stem Cells into Peripheral Vein, Percutaneous Approach	Procedure	ICD-10-PCS
30233X3	Transfusion of Allogeneic Unrelated Cord Blood Stem Cells into Peripheral Vein, Percutaneous Approach	Procedure	ICD-10-PCS
30233X4	Transfusion of Allogeneic Unspecified Cord Blood Stem Cells into Peripheral Vein, Percutaneous Approach	Procedure	ICD-10-PCS
30233Y0	Transfusion of Autologous Hematopoietic Stem Cells into Peripheral Vein, Percutaneous Approach	Procedure	ICD-10-PCS
30233Y1	Transfusion of Nonautologous Hematopoietic Stem Cells into Peripheral Vein, Percutaneous Approach	Procedure	ICD-10-PCS
30233Y2	Transfusion of Allogeneic Related Hematopoietic Stem Cells into Peripheral Vein, Percutaneous Approach	Procedure	ICD-10-PCS
30233Y3	Transfusion of Allogeneic Unrelated Hematopoietic Stem Cells into Peripheral Vein, Percutaneous Approach	Procedure	ICD-10-PCS
30233Y4	Transfusion of Allogeneic Unspecified Hematopoietic Stem Cells into Peripheral Vein, Percutaneous Approach	Procedure	ICD-10-PCS
30240AZ	Transfusion of Embryonic Stem Cells into Central Vein, Open Approach	Procedure	ICD-10-PCS
30240U2	Transfusion of Allogeneic Related T-cell Depleted Hematopoietic Stem Cells into Central Vein, Open Approach	Procedure	ICD-10-PCS
30240U3	Transfusion of Allogeneic Unrelated T-cell Depleted Hematopoietic Stem Cells into Central Vein, Open Approach	Procedure	ICD-10-PCS
30240U4	Transfusion of Allogeneic Unspecified T-cell Depleted Hematopoietic Stem Cells into Central Vein, Open Approach	Procedure	ICD-10-PCS
30240X0	Transfusion of Autologous Cord Blood Stem Cells into Central Vein, Open Approach	Procedure	ICD-10-PCS
30240X1	Transfusion of Nonautologous Cord Blood Stem Cells into Central Vein, Open Approach	Procedure	ICD-10-PCS
30240X2	Transfusion of Allogeneic Related Cord Blood Stem Cells into Central Vein, Open Approach	Procedure	ICD-10-PCS
30240X3	Transfusion of Allogeneic Unrelated Cord Blood Stem Cells into Central Vein, Open Approach	Procedure	ICD-10-PCS
30240X4	Transfusion of Allogeneic Unspecified Cord Blood Stem Cells into Central Vein, Open Approach	Procedure	ICD-10-PCS
30240Y0	Transfusion of Autologous Hematopoietic Stem Cells into Central Vein, Open Approach	Procedure	ICD-10-PCS
30240Y1	Transfusion of Nonautologous Hematopoietic Stem Cells into Central Vein, Open Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
30240Y2	Transfusion of Allogeneic Related Hematopoietic Stem Cells into Central Vein, Open Approach	Procedure	ICD-10-PCS
30240Y3	Transfusion of Allogeneic Unrelated Hematopoietic Stem Cells into Central Vein, Open Approach	Procedure	ICD-10-PCS
30240Y4	Transfusion of Allogeneic Unspecified Hematopoietic Stem Cells into Central Vein, Open Approach	Procedure	ICD-10-PCS
30243AZ	Transfusion of Embryonic Stem Cells into Central Vein, Percutaneous Approach	Procedure	ICD-10-PCS
30243U2	Transfusion of Allogeneic Related T-cell Depleted Hematopoietic Stem Cells into Central Vein, Percutaneous Approach	Procedure	ICD-10-PCS
30243U3	Transfusion of Allogeneic Unrelated T-cell Depleted Hematopoietic Stem Cells into Central Vein, Percutaneous Approach	Procedure	ICD-10-PCS
30243U4	Transfusion of Allogeneic Unspecified T-cell Depleted Hematopoietic Stem Cells into Central Vein, Percutaneous Approach	Procedure	ICD-10-PCS
30243X0	Transfusion of Autologous Cord Blood Stem Cells into Central Vein, Percutaneous Approach	Procedure	ICD-10-PCS
30243X1	Transfusion of Nonautologous Cord Blood Stem Cells into Central Vein, Percutaneous Approach	Procedure	ICD-10-PCS
30243X2	Transfusion of Allogeneic Related Cord Blood Stem Cells into Central Vein, Percutaneous Approach	Procedure	ICD-10-PCS
30243X3	Transfusion of Allogeneic Unrelated Cord Blood Stem Cells into Central Vein, Percutaneous Approach	Procedure	ICD-10-PCS
30243X4	Transfusion of Allogeneic Unspecified Cord Blood Stem Cells into Central Vein, Percutaneous Approach	Procedure	ICD-10-PCS
30243Y0	Transfusion of Autologous Hematopoietic Stem Cells into Central Vein, Percutaneous Approach	Procedure	ICD-10-PCS
30243Y1	Transfusion of Nonautologous Hematopoietic Stem Cells into Central Vein, Percutaneous Approach	Procedure	ICD-10-PCS
30243Y2	Transfusion of Allogeneic Related Hematopoietic Stem Cells into Central Vein, Percutaneous Approach	Procedure	ICD-10-PCS
30243Y3	Transfusion of Allogeneic Unrelated Hematopoietic Stem Cells into Central Vein, Percutaneous Approach	Procedure	ICD-10-PCS
30243Y4	Transfusion of Allogeneic Unspecified Hematopoietic Stem Cells into Central Vein, Percutaneous Approach	Procedure	ICD-10-PCS
30250X0	Transfusion of Autologous Cord Blood Stem Cells into Peripheral Artery, Open Approach	Procedure	ICD-10-PCS
30250X1	Transfusion of Nonautologous Cord Blood Stem Cells into Peripheral Artery, Open Approach	Procedure	ICD-10-PCS
30250Y0	Transfusion of Autologous Hematopoietic Stem Cells into Peripheral Artery, Open Approach	Procedure	ICD-10-PCS
30250Y1	Transfusion of Nonautologous Hematopoietic Stem Cells into Peripheral Artery, Open Approach	Procedure	ICD-10-PCS
30253X0	Transfusion of Autologous Cord Blood Stem Cells into Peripheral Artery, Percutaneous Approach	Procedure	ICD-10-PCS
30253X1	Transfusion of Nonautologous Cord Blood Stem Cells into Peripheral Artery, Percutaneous Approach	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
30253Y0	Transfusion of Autologous Hematopoietic Stem Cells into Peripheral Artery, Percutaneous Approach	Procedure	ICD-10-PCS
30253Y1	Transfusion of Nonautologous Hematopoietic Stem Cells into Peripheral Artery, Percutaneous Approach	Procedure	ICD-10-PCS
30260X0	Transfusion of Autologous Cord Blood Stem Cells into Central Artery, Open Approach	Procedure	ICD-10-PCS
30260X1	Transfusion of Nonautologous Cord Blood Stem Cells into Central Artery, Open Approach	Procedure	ICD-10-PCS
30260Y0	Transfusion of Autologous Hematopoietic Stem Cells into Central Artery, Open Approach	Procedure	ICD-10-PCS
30260Y1	Transfusion of Nonautologous Hematopoietic Stem Cells into Central Artery, Open Approach	Procedure	ICD-10-PCS
30263X0	Transfusion of Autologous Cord Blood Stem Cells into Central Artery, Percutaneous Approach	Procedure	ICD-10-PCS
30263X1	Transfusion of Nonautologous Cord Blood Stem Cells into Central Artery, Percutaneous Approach	Procedure	ICD-10-PCS
30263Y0	Transfusion of Autologous Hematopoietic Stem Cells into Central Artery, Percutaneous Approach	Procedure	ICD-10-PCS
30263Y1	Transfusion of Nonautologous Hematopoietic Stem Cells into Central Artery, Percutaneous Approach	Procedure	ICD-10-PCS
38240	Hematopoietic progenitor cell (HPC); allogeneic transplantation per donor	Procedure	CPT-4
38241	Hematopoietic progenitor cell (HPC); autologous transplantation	Procedure	CPT-4
38242	Allogeneic lymphocyte infusions	Procedure	CPT-4
38243	Hematopoietic progenitor cell (HPC); HPC boost	Procedure	CPT-4
3E0Q0AZ	Introduction of Embryonic Stem Cells into Cranial Cavity and Brain, Open Approach	Procedure	ICD-10-PCS
3E0Q0E0	Introduction of Autologous Somatic Stem Cells into Cranial Cavity and Brain, Open Approach	Procedure	ICD-10-PCS
3E0Q0E1	Introduction of Nonautologous Somatic Stem Cells into Cranial Cavity and Brain, Open Approach	Procedure	ICD-10-PCS
3E0Q3AZ	Introduction of Embryonic Stem Cells into Cranial Cavity and Brain, Percutaneous Approach	Procedure	ICD-10-PCS
3E0Q3E0	Introduction of Autologous Somatic Stem Cells into Cranial Cavity and Brain, Percutaneous Approach	Procedure	ICD-10-PCS
3E0Q3E1	Introduction of Nonautologous Somatic Stem Cells into Cranial Cavity and Brain, Percutaneous Approach	Procedure	ICD-10-PCS
3E0R0AZ	Introduction of Embryonic Stem Cells into Spinal Canal, Open Approach	Procedure	ICD-10-PCS
3E0R0E0	Introduction of Autologous Somatic Stem Cells into Spinal Canal, Open Approach	Procedure	ICD-10-PCS
3E0R0E1	Introduction of Nonautologous Somatic Stem Cells into Spinal Canal, Open Approach	Procedure	ICD-10-PCS
3E0R3AZ	Introduction of Embryonic Stem Cells into Spinal Canal, Percutaneous Approach	Procedure	ICD-10-PCS
3E0R3E0	Introduction of Autologous Somatic Stem Cells into Spinal Canal, Percutaneous Approach	Procedure	ICD-10-PCS
3E0R3E1	Introduction of Nonautologous Somatic Stem Cells into Spinal Canal, Percutaneous Approach	Procedure	ICD-10-PCS
6A550ZT	Pheresis of Cord Blood Stem Cells, Single	Procedure	ICD-10-PCS
6A550ZV	Pheresis of Hematopoietic Stem Cells, Single	Procedure	ICD-10-PCS

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Code	Description	Code Category	Code Type
6A551ZT	Pheresis of Cord Blood Stem Cells, Multiple	Procedure	ICD-10-PCS
6A551ZV	Pheresis of Hematopoietic Stem Cells, Multiple	Procedure	ICD-10-PCS
Vasopressors			
3E033XZ	Introduction of Vasopressor into Peripheral Vein, Percutaneous Approach	Procedure	ICD-10-PCS
84588	Vasopressin (antidiuretic hormone, ADH)	Procedure	CPT-4
J0170	Injection, adrenalin, epinephrine, up to 1 ml ampule	Procedure	HCPCS
J0171	Injection, adrenalin, epinephrine, 0.1 mg	Procedure	HCPCS
J0590	Injection, ethylnorepinephrine hcl, 1 ml	Procedure	HCPCS
J1250	Injection, dobutamine HCl, per 250 mg	Procedure	HCPCS
J1265	Injection, dopamine HCl, 40 mg	Procedure	HCPCS
Q4076	Injection, dopamine HCl, 40 mg	Procedure	HCPCS
Immune Modulator			
80145	Adalimumab	Procedure	CPT-4
80158	Cyclosporine	Procedure	CPT-4
80195	Sirolimus	Procedure	CPT-4
80197	Tacrolimus	Procedure	CPT-4
80230	Infliximab	Procedure	CPT-4
90585	Bacillus Calmette-Guerin vaccine (BCG) for tuberculosis, live, for percutaneous use	Procedure	CPT-4
90586	Bacillus Calmette-Guerin vaccine (BCG) for bladder cancer, live, for intravesical use	Procedure	CPT-4
90728	IMMUNIZ ACTIVE; BCG VACCINE	Procedure	CPT-4
A9544	Iodine I-131 tositumomab, diagnostic, per study dose	Procedure	HCPCS
A9545	Iodine I-131 tositumomab, therapeutic, per treatment dose	Procedure	HCPCS
C1084	Denileukin diftitox, 300 mcg, ontak iv	Procedure	HCPCS
C9003	Palivizumab-RSV-IgM, per 50 mg	Procedure	HCPCS
C9004	Injection, gemtuzumab ozogamicin, per 5 mg	Procedure	HCPCS
C9006	Injection, tacrolimus, per 5 mg (1 amp)	Procedure	HCPCS
C9020	Sirolimus tablet, 1 mg	Procedure	HCPCS
C9021	Injection, obinutuzumab, 10 mg	Procedure	HCPCS
C9025	Injection, ramucirumab, 5 mg	Procedure	HCPCS
C9027	Injection, pembrolizumab, 1 mg	Procedure	HCPCS
C9028	Injection, inotuzumab ozogamicin, 0.1 mg	Procedure	HCPCS
C9029	Injection, guselkumab, 1 mg	Procedure	HCPCS
C9038	Injection, mogamulizumab-kpkc, 1 mg	Procedure	HCPCS
C9044	Injection, cemiplimab-rwlc, 1 mg	Procedure	HCPCS
C9049	Injection, tagraxofusp-erzs, 10 mcg	Procedure	HCPCS
C9062	Injection, daratumumab 10 mg and hyaluronidase-fihj	Procedure	HCPCS
C9070	Injection, tafasitamab-cxix, 2 mg	Procedure	HCPCS
C9106	Sirolimus, per 1 mg/ml	Procedure	HCPCS
C9119	Injection, pegfilgrastim, per 6 mg single dose vial	Procedure	HCPCS
C9126	Injection natalizumab per 5 mg	Procedure	HCPCS
C9131	Injection, ado-trastuzumab emtansine, 1 mg	Procedure	HCPCS
C9211	Injection, alefacept, for intravenous use, per 7.5 mg	Procedure	HCPCS
C9212	Injection, alefacept, for intramuscular use, per 7.5 mg	Procedure	HCPCS
C9214	Injection, bevacizumab, per 10 mg	Procedure	HCPCS

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C9215	Injection, cetuximab, per 10 mg	Procedure	HCPCS
C9230	Injection, abatacept, per 10 mg	Procedure	HCPCS
C9235	Injection, panitumumab, 10 mg	Procedure	HCPCS
C9236	Injection, eculizumab, 10 mg	Procedure	HCPCS
C9239	Injection, temsirolimus, 1 mg	Procedure	HCPCS
C9249	Injection, certolizumab pegol, 1 mg	Procedure	HCPCS
C9257	Injection, bevacizumab, 0.25 mg	Procedure	HCPCS
C9260	Injection, ofatumumab, 10 mg	Procedure	HCPCS
C9261	Injection, ustekinumab, 1 mg	Procedure	HCPCS
C9264	Injection, tocilizumab, 1 mg	Procedure	HCPCS
C9272	Injection, denosumab, 1 mg	Procedure	HCPCS
C9273	Sipuleucel-T, minimum of 50 million autologous CD54+ cells activated with PAP-GM-CSF, including leukapheresis and all other preparatory procedures, per infusion	Procedure	HCPCS
C9284	Injection, ipilimumab, 1 mg	Procedure	HCPCS
C9286	Injection, belatacept, 1 mg	Procedure	HCPCS
C9287	Injection, brentuximab vedotin, 1 mg	Procedure	HCPCS
C9292	Injection, pertuzumab, 10 mg	Procedure	HCPCS
C9416	BCG (intravesical) per instillation, brand name	Procedure	HCPCS
C9436	Azathioprine, parenteral, brand name, per 100 mg	Procedure	HCPCS
C9438	Cyclosporine, oral, 100 mg, brand name	Procedure	HCPCS
C9449	Injection, blinatumomab, 1 mcg	Procedure	HCPCS
C9453	Injection, nivolumab, 1 mg	Procedure	HCPCS
C9455	Injection, siltuximab, 10 mg	Procedure	HCPCS
C9466	Injection, benralizumab, 1 mg	Procedure	HCPCS
C9467	Injection, rituximab and hyaluronidase, 10 mg	Procedure	HCPCS
C9473	Injection, mepolizumab, 1 mg	Procedure	HCPCS
C9475	Injection, necitumumab, 1 mg	Procedure	HCPCS
C9476	Injection, daratumumab, 10 mg	Procedure	HCPCS
C9477	Injection, elotuzumab, 1 mg	Procedure	HCPCS
C9481	Injection, reslizumab, 1 mg	Procedure	HCPCS
C9483	Injection, atezolizumab, 10 mg	Procedure	HCPCS
C9485	Injection, olaratumab, 10 mg	Procedure	HCPCS
C9487	Ustekinumab, for intravenous injection, 1 mg	Procedure	HCPCS
C9491	Injection, avelumab, 10 mg	Procedure	HCPCS
C9492	Injection, durvalumab, 10 mg	Procedure	HCPCS
G3001	Administration and supply of tositumomab, 450 mg	Procedure	HCPCS
J0129	Injection, abatacept, 10 mg (code may be used for Medicare when drug administered under the direct supervision of a physician, not for use when drug is self-administered)	Procedure	HCPCS
J0135	Injection, adalimumab, 20 mg	Procedure	HCPCS
J0215	Injection, alefacept, 0.5 mg	Procedure	HCPCS
J0480	Injection, basiliximab, 20 mg	Procedure	HCPCS
J0485	Injection, belatacept, 1 mg	Procedure	HCPCS
J0490	Injection, belimumab, 10 mg	Procedure	HCPCS
J0517	Injection, benralizumab, 1 mg	Procedure	HCPCS

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Code	Description	Code Category	Code Type
J0638	Injection, canakinumab, 1 mg	Procedure	HCPCS
J0717	Injection, certolizumab pegol, 1 mg (code may be used for Medicare when drug administered under the direct supervision of a physician, not for use when drug is self-administered)	Procedure	HCPCS
J0718	Injection, certolizumab pegol, 1 mg	Procedure	HCPCS
J0896	Injection, luspatercept-aamt, 0.25 mg	Procedure	HCPCS
J0897	Injection, denosumab, 1 mg	Procedure	HCPCS
J1300	Injection, eculizumab, 10 mg	Procedure	HCPCS
J1438	Injection, etanercept, 25 mg (code may be used for Medicare when drug administered under the direct supervision of a physician, not for use when drug is self-administered)	Procedure	HCPCS
J1440	Injection, filgrastim (G-CSF), 300 mcg	Procedure	HCPCS
J1441	Injection, filgrastim (G-CSF), 480 mcg	Procedure	HCPCS
J1442	Injection, filgrastim (G-CSF), excludes biosimilars, 1 mcg	Procedure	HCPCS
J1446	Injection, TBO-filgrastim, 5 micrograms	Procedure	HCPCS
J1447	Injection, tbo-filgrastim, 1 mcg	Procedure	HCPCS
J1602	Injection, golimumab, 1 mg, for intravenous use	Procedure	HCPCS
J1628	Injection, guselkumab, 1 mg	Procedure	HCPCS
J1745	Injection, infliximab, excludes biosimilar, 10 mg	Procedure	HCPCS
J1825	Injection, interferon beta-1a, 33 mcg	Procedure	HCPCS
J1826	Injection, interferon beta-1a, 30 mcg	Procedure	HCPCS
J1830	Injection interferon beta-1b, 0.25 mg (code may be used for Medicare when drug administered under the direct supervision of a physician, not for use when drug is self-administered)	Procedure	HCPCS
J2182	Injection, mepolizumab, 1 mg	Procedure	HCPCS
J2323	Injection, natalizumab, 1 mg	Procedure	HCPCS
J2425	Injection, palifermin, 50 mcg	Procedure	HCPCS
J2504	Injection, pegademase bovine, 25 IU	Procedure	HCPCS
J2505	Injection, pegfilgrastim, 6 mg	Procedure	HCPCS
J2786	Injection, reslizumab, 1 mg	Procedure	HCPCS
J2793	Injection, riloncept, 1 mg	Procedure	HCPCS
J2820	Injection, sargramostim (GM-CSF), 50 mcg	Procedure	HCPCS
J2860	Injection, siltuximab, 10 mg	Procedure	HCPCS
J2910	Injection, aurothioglucose, up to 50 mg	Procedure	HCPCS
J3245	Injection, tildrakizumab, 1 mg	Procedure	HCPCS
J3262	Injection, tocilizumab, 1 mg	Procedure	HCPCS
J3357	Ustekinumab, for subcutaneous injection, 1 mg	Procedure	HCPCS
J3358	Ustekinumab, for intravenous injection, 1 mg	Procedure	HCPCS
J7500	Azathioprine, oral, 50 mg	Procedure	HCPCS
J7501	Azathioprine, parenteral, 100 mg	Procedure	HCPCS
J7502	Cyclosporine, oral, 100 mg	Procedure	HCPCS
J7503	Tacrolimus, extended release, (Envarsus XR), oral, 0.25 mg	Procedure	HCPCS
J7507	Tacrolimus, immediate release, oral, 1 mg	Procedure	HCPCS
J7508	Tacrolimus, extended release, (Astagraf XL), oral, 0.1 mg	Procedure	HCPCS
J7513	Daclizumab, parenteral, 25 mg	Procedure	HCPCS
J7515	Cyclosporine, oral, 25 mg	Procedure	HCPCS

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Code	Description	Code Category	Code Type
J7516	Cyclosporine, parenteral, 250 mg	Procedure	HCPCS
J7517	Mycophenolate mofetil, oral, 250 mg	Procedure	HCPCS
J7520	Sirolimus, oral, 1 mg	Procedure	HCPCS
J7525	Tacrolimus, parenteral, 5 mg	Procedure	HCPCS
J9015	Injection, aldesleukin, per single use vial	Procedure	HCPCS
J9022	Injection, atezolizumab, 10 mg	Procedure	HCPCS
J9023	Injection, avelumab, 10 mg	Procedure	HCPCS
J9030	BCG live intravesical instillation, 1 mg	Procedure	HCPCS
J9031	BCG (intravesical) per instillation	Procedure	HCPCS
J9035	Injection, bevacizumab, 10 mg	Procedure	HCPCS
J9039	Injection, blinatumomab, 1 mcg	Procedure	HCPCS
J9042	Injection, brentuximab vedotin, 1 mg	Procedure	HCPCS
J9055	Injection, cetuximab, 10 mg	Procedure	HCPCS
J9119	Injection, cemiplimab-rwlc, 1 mg	Procedure	HCPCS
J9145	Injection, daratumumab, 10 mg	Procedure	HCPCS
J9160	Injection, denileukin diftitox, 300 mcg	Procedure	HCPCS
J9173	Injection, durvalumab, 10 mg	Procedure	HCPCS
J9176	Injection, elotuzumab, 1 mg	Procedure	HCPCS
J9177	Injection, enfortumab vedotin-ejfv, 0.25 mg	Procedure	HCPCS
J9203	Injection, gemtuzumab ozogamicin, 0.1 mg	Procedure	HCPCS
J9204	Injection, mogamulizumab-kpkc, 1 mg	Procedure	HCPCS
J9212	Injection, interferon alfacon-1, recombinant, 1 mcg	Procedure	HCPCS
J9213	Injection, interferon, alfa-2a, recombinant, 3 million units	Procedure	HCPCS
J9214	Injection, interferon, alfa-2b, recombinant, 1 million units	Procedure	HCPCS
J9215	Injection, interferon, alfa-N3, (human leukocyte derived), 250,000 IU	Procedure	HCPCS
J9216	Injection, interferon, gamma 1-b, 3 million units	Procedure	HCPCS
J9227	Injection, isatuximab-irfc, 10 mg	Procedure	HCPCS
J9228	Injection, ipilimumab, 1 mg	Procedure	HCPCS
J9229	Injection, inotuzumab ozogamicin, 0.1 mg	Procedure	HCPCS
J9269	Injection, tagraxofusp-erzs, 10 mcg	Procedure	HCPCS
J9271	Injection, pembrolizumab, 1 mg	Procedure	HCPCS
J9285	Injection, olaratumab, 10 mg	Procedure	HCPCS
J9295	Injection, necitumumab, 1 mg	Procedure	HCPCS
J9299	Injection, nivolumab, 1 mg	Procedure	HCPCS
J9300	Injection, gemtuzumab ozogamicin, 5 mg	Procedure	HCPCS
J9301	Injection, obinutuzumab, 10 mg	Procedure	HCPCS
J9302	Injection, ofatumumab, 10 mg	Procedure	HCPCS
J9303	Injection, panitumumab, 10 mg	Procedure	HCPCS
J9306	Injection, pertuzumab, 1 mg	Procedure	HCPCS
J9308	Injection, ramucirumab, 5 mg	Procedure	HCPCS
J9309	Injection, polatuzumab vedotin-piiq, 1 mg	Procedure	HCPCS
J9310	Injection, rituximab, 100 mg	Procedure	HCPCS
J9311	Injection, rituximab 10 mg and hyaluronidase	Procedure	HCPCS
J9312	Injection, rituximab, 10 mg	Procedure	HCPCS
J9330	Injection, temsirolimus, 1 mg	Procedure	HCPCS
J9349	Injection, tafasitamab-cxix, 2 mg	Procedure	HCPCS

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Code	Description	Code Category	Code Type
J9354	Injection, ado-trastuzumab emtansine, 1 mg	Procedure	HCPCS
J9355	Injection, trastuzumab, excludes biosimilar, 10 mg	Procedure	HCPCS
K0119	Azathioprine, oral, tab, 50 mg	Procedure	HCPCS
K0120	Azathioprine, parenteral, 100 mg	Procedure	HCPCS
K0122	Cyclosporine, parenteral, 250 mg	Procedure	HCPCS
K0412	Mycophenolate mofetil, oral, 250 mg (CellCept)	Procedure	HCPCS
Q2012	Injection, pegademase bovine, 25 IU	Procedure	HCPCS
Q2019	Injection, basiliximab, 20 mg	Procedure	HCPCS
Q2024	Injection, bevacizumab, 0.25 mg	Procedure	HCPCS
Q2040	Tisagenlecleucel, up to 250 million CAR-positive viable T cells, including leukapheresis and dose preparation procedures, per infusion	Procedure	HCPCS
Q2043	Sipuleucel-T, minimum of 50 million autologous CD54+ cells activated with PAP-GM-CSF, including leukapheresis and all other preparatory procedures, per infusion	Procedure	HCPCS
Q2044	Injection, belimumab, 10 mg	Procedure	HCPCS
Q3025	Injection, interferon beta-1a, 11 mcg for intramuscular use	Procedure	HCPCS
Q3026	Injection, interferon beta-1a, 11 mcg for subcutaneous use	Procedure	HCPCS
Q3027	Injection, interferon beta-1a, 1 mcg for intramuscular use	Procedure	HCPCS
Q3028	Injection, interferon beta-1a, 1 mcg for subcutaneous use	Procedure	HCPCS
Q4053	Injection, pegfilgrastim, 1 mg	Procedure	HCPCS
Q4079	Injection, natalizumab, 1 mg	Procedure	HCPCS
Q5101	Injection, filgrastim-sndz, biosimilar, (Zarxio), 1 mcg	Procedure	HCPCS
Q5102	Injection, infliximab, biosimilar, 10 mg	Procedure	HCPCS
Q5103	Injection, infliximab-dyyb, biosimilar, (Inflectra), 10 mg	Procedure	HCPCS
Q5104	Injection, infliximab-abda, biosimilar, (Renflexis), 10 mg	Procedure	HCPCS
Q5107	Injection, bevacizumab-awwb, biosimilar, (Mvasi), 10 mg	Procedure	HCPCS
Q5108	Injection, pegfilgrastim-jmdb, biosimilar, (Fulphila), 0.5 mg	Procedure	HCPCS
Q5109	Injection, infliximab-qbtx, biosimilar, (Ixifi), 10 mg	Procedure	HCPCS
Q5110	Injection, filgrastim-aafi, biosimilar, (Nivestym), 1 mcg	Procedure	HCPCS
Q5111	Injection, pegfilgrastim-cbqv, biosimilar, (Udenyca), 0.5 mg	Procedure	HCPCS
Q5112	Injection, trastuzumab-dttb, biosimilar, (Ontruzant), 10 mg	Procedure	HCPCS
Q5113	Injection, trastuzumab-pkrb, biosimilar, (Herzuma), 10 mg	Procedure	HCPCS
Q5114	Injection, Trastuzumab-dkst, biosimilar, (Ogivri), 10 mg	Procedure	HCPCS
Q5115	Injection, rituximab-abbs, biosimilar, (Truxima), 10 mg	Procedure	HCPCS
Q5116	Injection, trastuzumab-qyyp, biosimilar, (Trazimera), 10 mg	Procedure	HCPCS
Q5117	Injection, trastuzumab-anns, biosimilar, (Kanjinti), 10 mg	Procedure	HCPCS
Q5118	Injection, bevacizumab-bvzr, biosimilar, (Zirabev), 10 mg	Procedure	HCPCS
Q5119	Injection, rituximab-pvvr, biosimilar, (RUXIENCENCE), 10 mg	Procedure	HCPCS
Q9989	Ustekinumab, for intravenous injection, 1 mg	Procedure	HCPCS
S0116	Bevacizumab, 100 mg	Procedure	HCPCS
S0135	Injection pegfilgrastim, 6 mg	Procedure	HCPCS
S0145	Injection, PEGylated interferon alfa-2A, 180 mcg per ml	Procedure	HCPCS
S0146	Injection, pegylated interferon alfa-2b, 10 mcg per 0.5 ml	Procedure	HCPCS
S0148	Injection, PEGylated interferon alfa-2B, 10 mcg	Procedure	HCPCS
S0162	Injection, efalizumab, 125 mg	Procedure	HCPCS
S0177	Levamisole HCl, oral, 50 mg	Procedure	HCPCS

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Code	Description	Code Category	Code Type
S0193	Injection alefacept, 7.5 mg (includes dose packaging)	Procedure	HCPCS
Chemotherapy			
80169	Everolimus	Procedure	CPT-4
80204	Methotrexate	Procedure	CPT-4
A9513	Lutetium Lu 177, dotatate, therapeutic, 1 mCi	Procedure	HCPCS
C1086	Temozolomide, 5 mg, temodar	Procedure	HCPCS
C1167	Injection, epirubicin HCl, 2 mg	Procedure	HCPCS
C1178	Injection, busulfan, per 6 mg	Procedure	HCPCS
C9012	Injection, arsenic trioxide, per 1 mg/kg	Procedure	HCPCS
C9017	Lomustine, 10 mg	Procedure	HCPCS
C9030	Injection, copanlisib, 1 mg	Procedure	HCPCS
C9031	Lutetium Lu 177, dotatate, therapeutic, 1 mCi	Procedure	HCPCS
C9042	Injection, bendamustine HCl (Belrapzo), 1 mg	Procedure	HCPCS
C9064	Mitomycin pyelocalyceal instillation, 1 mg	Procedure	HCPCS
C9065	Injection, romidepsin, non-lyophilized (e.g. liquid), 1 mg	Procedure	HCPCS
C9127	Injection, paclitaxel protein-bound particles, per 1 mg	Procedure	HCPCS
C9129	Injection, clofarabine, per 1 mg	Procedure	HCPCS
C9205	Injection, oxaliplatin, per 5 mg	Procedure	HCPCS
C9207	Injection, bortezomib, per 3.5 mg	Procedure	HCPCS
C9213	Injection, pemetrexed, per 10 mg	Procedure	HCPCS
C9218	Injection, azacitidine, per 1 mg	Procedure	HCPCS
C9231	Injection, decitabine, per 1 mg	Procedure	HCPCS
C9239	Injection, temsirolimus, 1 mg	Procedure	HCPCS
C9240	Injection, ixabepilone, 1 mg	Procedure	HCPCS
C9243	Injection, bendamustine hcl, 1 mg	Procedure	HCPCS
C9253	Injection, temozolomide, 1mg	Procedure	HCPCS
C9259	Injection, pralatrexate, 1 mg	Procedure	HCPCS
C9262	Fludarabine phosphate, oral, 1 mg	Procedure	HCPCS
C9265	Injection, romidepsin, 1 mg	Procedure	HCPCS
C9276	Injection, cabazitaxel, 1 mg	Procedure	HCPCS
C9280	Injection, eribulin mesylate, 1 mg	Procedure	HCPCS
C9289	Injection, asparaginase Erwinia chrysanthemi, 1,000 IU	Procedure	HCPCS
C9295	Injection, carfilzomib, 1 mg	Procedure	HCPCS
C9296	Injection, ziv-aflibercept, 1 mg	Procedure	HCPCS
C9414	Etoposide; oral, 50 mg, brand name	Procedure	HCPCS
C9415	Doxorubicin HCl, 10 mg, brand name	Procedure	HCPCS
C9417	Bleomycin sulfate, 15 units, brand name	Procedure	HCPCS
C9418	Cisplatin, powder or solution, per 10 mg, brand name	Procedure	HCPCS
C9419	Injection, cladribine, per 1 mg, brand name	Procedure	HCPCS
C9420	Cyclophosphamide, 100 mg, brand name	Procedure	HCPCS
C9421	Cyclophosphamide, lyophilized, 100 mg, brand name	Procedure	HCPCS
C9422	Cytarabine, 100 mg, brand name	Procedure	HCPCS
C9423	Dacarbazine, 100 mg, brand name	Procedure	HCPCS
C9424	Daunorubicin, 10 mg	Procedure	HCPCS
C9425	Etoposide, 10 mg, brand name	Procedure	HCPCS
C9426	Floxuridine, 500 mg, brand name	Procedure	HCPCS

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Code	Description	Code Category	Code Type
C9429	Idarubicin HCl, 5 mg, brand name	Procedure	HCPCS
C9431	Paclitaxel, 30 mg, brand name	Procedure	HCPCS
C9432	Mitomycin, 5 mg, brand name	Procedure	HCPCS
C9433	Thiotepa, 15 mg, brand name	Procedure	HCPCS
C9437	Carmustine, brand name, 100 mg	Procedure	HCPCS
C9440	Vinorelbine tartrate, brand name, per 10 mg	Procedure	HCPCS
C9442	Injection, belinostat, 10 mg	Procedure	HCPCS
C9474	Injection, irinotecan liposome, 1 mg	Procedure	HCPCS
C9480	Injection, trabectedin, 0.1 mg	Procedure	HCPCS
J0594	Injection, busulfan, 1 mg	Procedure	HCPCS
J0894	Injection, decitabine, 1 mg	Procedure	HCPCS
J7315	Mitomycin, ophthalmic, 0.2 mg	Procedure	HCPCS
J7527	Everolimus, oral, 0.25 mg	Procedure	HCPCS
J8510	Busulfan, oral, 2 mg	Procedure	HCPCS
J8520	Capecitabine, oral, 150 mg	Procedure	HCPCS
J8521	Capecitabine, oral, 500 mg	Procedure	HCPCS
J8560	Etoposide, oral, 50 mg	Procedure	HCPCS
J8561	Everolimus, oral, 0.25 mg	Procedure	HCPCS
J8562	Fludarabine phosphate, oral, 10 mg	Procedure	HCPCS
J8565	Gefitinib, oral, 250 mg	Procedure	HCPCS
J8600	Melphalan, oral, 2 mg	Procedure	HCPCS
J8610	Methotrexate, oral, 2.5 mg	Procedure	HCPCS
J8700	Temozolomide, oral, 5 mg	Procedure	HCPCS
J8705	Topotecan, oral, 0.25 mg	Procedure	HCPCS
J9000	Injection, doxorubicin HCl, 10 mg	Procedure	HCPCS
J9001	Injection, doxorubicin HCl, all lipid formulations, 10 mg	Procedure	HCPCS
J9002	Injection, doxorubicin hydrochloride, liposomal, Doxil, 10 mg	Procedure	HCPCS
J9017	Injection, arsenic trioxide, 1 mg	Procedure	HCPCS
J9019	Injection, asparaginase (Erwinaze), 1,000 IU	Procedure	HCPCS
J9020	Injection, asparaginase, not otherwise specified, 10,000 units	Procedure	HCPCS
J9025	Injection, azacitidine, 1 mg	Procedure	HCPCS
J9027	Injection, clofarabine, 1 mg	Procedure	HCPCS
J9032	Injection, belinostat, 10 mg	Procedure	HCPCS
J9033	Injection, bendamustine HCl (Treanda), 1 mg	Procedure	HCPCS
J9034	Injection, bendamustine HCl (Bendeka), 1 mg	Procedure	HCPCS
J9036	Injection, bendamustine hydrochloride, (Belrapzo/bendamustine), 1 mg	Procedure	HCPCS
J9040	Injection, bleomycin sulfate, 15 units	Procedure	HCPCS
J9041	Injection, bortezomib (Velcade), 0.1 mg	Procedure	HCPCS
J9043	Injection, cabazitaxel, 1 mg	Procedure	HCPCS
J9044	Injection, bortezomib, not otherwise specified, 0.1 mg	Procedure	HCPCS
J9045	Injection, carboplatin, 50 mg	Procedure	HCPCS
J9047	Injection, carfilzomib, 1 mg	Procedure	HCPCS
J9050	Injection, carmustine, 100 mg	Procedure	HCPCS
J9057	Injection, copanlisib, 1 mg	Procedure	HCPCS
J9060	Injection, cisplatin, powder or solution, 10 mg	Procedure	HCPCS
J9062	Cisplatin, 50 mg	Procedure	HCPCS

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
J9065	Injection, cladribine, per 1 mg	Procedure	HCPCS
J9070	Cyclophosphamide, 100 mg	Procedure	HCPCS
J9080	Cyclophosphamide, 200 mg	Procedure	HCPCS
J9090	Cyclophosphamide, 500 mg	Procedure	HCPCS
J9091	Cyclophosphamide, 1 g	Procedure	HCPCS
J9092	Cyclophosphamide, 2 g	Procedure	HCPCS
J9093	Cyclophosphamide, lyophilized, 100 mg	Procedure	HCPCS
J9094	Cyclophosphamide, lyophilized, 200 mg	Procedure	HCPCS
J9095	Cyclophosphamide, lyophilized, 500 mg	Procedure	HCPCS
J9096	Cyclophosphamide, lyophilized, 1 g	Procedure	HCPCS
J9097	Cyclophosphamide, lyophilized, 2 g	Procedure	HCPCS
J9098	Injection, cytarabine liposome, 10 mg	Procedure	HCPCS
J9100	Injection, cytarabine, 100 mg	Procedure	HCPCS
J9110	Injection, cytarabine, 500 mg	Procedure	HCPCS
J9118	Injection, calaspargase pegol-mknl, 10 units	Procedure	HCPCS
J9120	Injection, dactinomycin, 0.5 mg	Procedure	HCPCS
J9130	Dacarbazine, 100 mg	Procedure	HCPCS
J9140	Dacarbazine, 200 mg	Procedure	HCPCS
J9150	Injection, daunorubicin, 10 mg	Procedure	HCPCS
J9151	Injection, daunorubicin citrate, liposomal formulation, 10 mg	Procedure	HCPCS
J9170	Injection, docetaxel, 20 mg	Procedure	HCPCS
J9171	Injection, docetaxel, 1 mg	Procedure	HCPCS
J9178	Injection, epirubicin HCl, 2 mg	Procedure	HCPCS
J9179	Injection, eribulin mesylate, 0.1 mg	Procedure	HCPCS
J9180	Epirubicin HCl, 50 mg	Procedure	HCPCS
J9181	Injection, etoposide, 10 mg	Procedure	HCPCS
J9182	Etoposide, 100 mg	Procedure	HCPCS
J9185	Injection, fludarabine phosphate, 50 mg	Procedure	HCPCS
J9190	Injection, fluorouracil, 500 mg	Procedure	HCPCS
J9198	Injection, gemcitabine hydrochloride, (Infugem), 100 mg	Procedure	HCPCS
J9199	Injection, gemcitabine HCl (Infugem), 200 mg	Procedure	HCPCS
J9200	Injection, floxuridine, 500 mg	Procedure	HCPCS
J9201	Injection, gemcitabine HCl, not otherwise specified, 200 mg	Procedure	HCPCS
J9205	Injection, irinotecan liposome, 1 mg	Procedure	HCPCS
J9206	Injection, irinotecan, 20 mg	Procedure	HCPCS
J9207	Injection, ixabepilone, 1 mg	Procedure	HCPCS
J9208	Injection, ifosfamide, 1 g	Procedure	HCPCS
J9211	Injection, idarubicin HCl, 5 mg	Procedure	HCPCS
J9223	Injection, lurbinectedin, 0.1 mg	Procedure	HCPCS
J9230	Injection, mechlorethamine HCl, (nitrogen mustard), 10 mg	Procedure	HCPCS
J9245	Injection, melphalan hydrochloride, not otherwise specified, 50 mg	Procedure	HCPCS
J9246	Injection, melphalan (Evomela), 1 mg	Procedure	HCPCS
J9250	Methotrexate sodium, 5 mg	Procedure	HCPCS
J9260	Methotrexate sodium, 50 mg	Procedure	HCPCS
J9261	Injection, nelarabine, 50 mg	Procedure	HCPCS
J9262	Injection, omacetaxine mepesuccinate, 0.01 mg	Procedure	HCPCS

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
J9263	Injection, oxaliplatin, 0.5 mg	Procedure	HCPCS
J9264	Injection, paclitaxel protein-bound particles, 1 mg	Procedure	HCPCS
J9265	Injection, paclitaxel, 30 mg	Procedure	HCPCS
J9267	Injection, paclitaxel, 1 mg	Procedure	HCPCS
J9270	Injection, plicamycin, 2.5 mg	Procedure	HCPCS
J9280	Injection, mitomycin, 5 mg	Procedure	HCPCS
J9290	Mitomycin, 20 mg	Procedure	HCPCS
J9291	Mitomycin, 40 mg	Procedure	HCPCS
J9293	Injection, mitoxantrone HCl, per 5 mg	Procedure	HCPCS
J9304	Injection, pemetrexed (Pemfexy), 10 mg	Procedure	HCPCS
J9305	Injection, pemetrexed, NOS, 10 mg	Procedure	HCPCS
J9307	Injection, pralatrexate, 1 mg	Procedure	HCPCS
J9315	Injection, romidepsin, 1 mg	Procedure	HCPCS
J9320	Injection, streptozocin, 1 g	Procedure	HCPCS
J9328	Injection, temozolomide, 1 mg	Procedure	HCPCS
J9330	Injection, temsirolimus, 1 mg	Procedure	HCPCS
J9340	Injection, thiotepa, 15 mg	Procedure	HCPCS
J9350	Injection, topotecan, 4 mg	Procedure	HCPCS
J9351	Injection, topotecan, 0.1 mg	Procedure	HCPCS
J9352	Injection, trabectedin, 0.1 mg	Procedure	HCPCS
J9357	Injection, valrubicin, intravesical, 200 mg	Procedure	HCPCS
J9360	Injection, vinblastine sulfate, 1 mg	Procedure	HCPCS
J9370	Vincristine sulfate, 1 mg	Procedure	HCPCS
J9371	Injection, vincristine sulfate liposome, 1 mg	Procedure	HCPCS
J9375	Vincristine sulfate, 2 mg	Procedure	HCPCS
J9380	Vincristine sulfate, 5 mg	Procedure	HCPCS
J9390	Injection, vinorelbine tartrate, 10 mg	Procedure	HCPCS
J9400	Injection, ziv-aflibercept, 1 mg	Procedure	HCPCS
J9600	Injection, porfimer sodium, 75 mg	Procedure	HCPCS
Q2017	Injection, teniposide, 50 mg	Procedure	HCPCS
Q2025	Fludarabine phosphate, oral, 1 mg	Procedure	HCPCS
Q2048	Injection, doxorubicin hydrochloride, liposomal, DOXIL, 10 mg	Procedure	HCPCS
Q2050	Injection, doxorubicin HCl, liposomal, not otherwise specified, 10 mg	Procedure	HCPCS
S0088	Imatinib, 100 mg	Procedure	HCPCS
S0108	Mercaptopurine, oral, 50 mg	Procedure	HCPCS
S0115	Bortezomib, 3.5 mg	Procedure	HCPCS
S0168	Injection, azacitidine, 100 mg	Procedure	HCPCS
S0172	Chlorambucil, oral, 2 mg	Procedure	HCPCS
S0176	Hydroxyurea, oral, 500 mg	Procedure	HCPCS
S0178	Lomustine, oral, 10 mg	Procedure	HCPCS
S0182	Procarbazine HCl, oral, 50 mg	Procedure	HCPCS
Pulmonary Conditions			
A22.1	Pulmonary anthrax	Diagnosis	ICD-10-CM
A37.01	Whooping cough due to Bordetella pertussis with pneumonia	Diagnosis	ICD-10-CM
A37.11	Whooping cough due to Bordetella parapertussis with pneumonia	Diagnosis	ICD-10-CM
A37.81	Whooping cough due to other Bordetella species with pneumonia	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
A37.91	Whooping cough, unspecified species with pneumonia	Diagnosis	ICD-10-CM
A48.1	Legionnaires' disease	Diagnosis	ICD-10-CM
B25.0	Cytomegaloviral pneumonitis	Diagnosis	ICD-10-CM
B44.0	Invasive pulmonary aspergillosis	Diagnosis	ICD-10-CM
B77.81	Ascariasis pneumonia	Diagnosis	ICD-10-CM
J09.X1	Influenza due to identified novel influenza A virus with pneumonia	Diagnosis	ICD-10-CM
J10.00	Influenza due to other identified influenza virus with unspecified type of pneumonia	Diagnosis	ICD-10-CM
J10.01	Influenza due to other identified influenza virus with the same other identified influenza virus pneumonia	Diagnosis	ICD-10-CM
J10.08	Influenza due to other identified influenza virus with other specified pneumonia	Diagnosis	ICD-10-CM
J11.00	Influenza due to unidentified influenza virus with unspecified type of pneumonia	Diagnosis	ICD-10-CM
J11.08	Influenza due to unidentified influenza virus with specified pneumonia	Diagnosis	ICD-10-CM
J12.0	Adenoviral pneumonia	Diagnosis	ICD-10-CM
J12.1	Respiratory syncytial virus pneumonia	Diagnosis	ICD-10-CM
J12.2	Parainfluenza virus pneumonia	Diagnosis	ICD-10-CM
J12.3	Human metapneumovirus pneumonia	Diagnosis	ICD-10-CM
J12.81	Pneumonia due to SARS-associated coronavirus	Diagnosis	ICD-10-CM
J12.89	Other viral pneumonia	Diagnosis	ICD-10-CM
J12.9	Viral pneumonia, unspecified	Diagnosis	ICD-10-CM
J13	Pneumonia due to Streptococcus pneumoniae	Diagnosis	ICD-10-CM
J14	Pneumonia due to Hemophilus influenzae	Diagnosis	ICD-10-CM
J15.0	Pneumonia due to Klebsiella pneumoniae	Diagnosis	ICD-10-CM
J15.1	Pneumonia due to Pseudomonas	Diagnosis	ICD-10-CM
J15.20	Pneumonia due to staphylococcus, unspecified	Diagnosis	ICD-10-CM
J15.211	Pneumonia due to Methicillin susceptible Staphylococcus aureus	Diagnosis	ICD-10-CM
J15.212	Pneumonia due to Methicillin resistant Staphylococcus aureus	Diagnosis	ICD-10-CM
J15.29	Pneumonia due to other staphylococcus	Diagnosis	ICD-10-CM
J15.3	Pneumonia due to streptococcus, group B	Diagnosis	ICD-10-CM
J15.4	Pneumonia due to other streptococci	Diagnosis	ICD-10-CM
J15.5	Pneumonia due to Escherichia coli	Diagnosis	ICD-10-CM
J15.6	Pneumonia due to other Gram-negative bacteria	Diagnosis	ICD-10-CM
J15.7	Pneumonia due to Mycoplasma pneumoniae	Diagnosis	ICD-10-CM
J15.8	Pneumonia due to other specified bacteria	Diagnosis	ICD-10-CM
J15.9	Unspecified bacterial pneumonia	Diagnosis	ICD-10-CM
J16.0	Chlamydial pneumonia	Diagnosis	ICD-10-CM
J16.8	Pneumonia due to other specified infectious organisms	Diagnosis	ICD-10-CM
J17	Pneumonia in diseases classified elsewhere	Diagnosis	ICD-10-CM
J18.0	Bronchopneumonia, unspecified organism	Diagnosis	ICD-10-CM
J18.1	Lobar pneumonia, unspecified organism	Diagnosis	ICD-10-CM
J18.8	Other pneumonia, unspecified organism	Diagnosis	ICD-10-CM
J18.9	Pneumonia, unspecified organism	Diagnosis	ICD-10-CM
J69.0	Pneumonitis due to inhalation of food and vomit	Diagnosis	ICD-10-CM
J69.1	Pneumonitis due to inhalation of oils and essences	Diagnosis	ICD-10-CM
J69.8	Pneumonitis due to inhalation of other solids and liquids	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
J80	Acute respiratory distress syndrome	Diagnosis	ICD-10-CM
J95.4	Chemical pneumonitis due to anesthesia	Diagnosis	ICD-10-CM
J95.5	Postprocedural subglottic stenosis	Diagnosis	ICD-10-CM
J95.851	Ventilator associated pneumonia	Diagnosis	ICD-10-CM
J95.859	Other complication of respirator [ventilator]	Diagnosis	ICD-10-CM
J95.88	Other intraoperative complications of respiratory system, not elsewhere classified	Diagnosis	ICD-10-CM
J95.89	Other postprocedural complications and disorders of respiratory system, not elsewhere classified	Diagnosis	ICD-10-CM
J96.00	Acute respiratory failure, unspecified whether with hypoxia or hypercapnia	Diagnosis	ICD-10-CM
J96.01	Acute respiratory failure with hypoxia	Diagnosis	ICD-10-CM
J96.02	Acute respiratory failure with hypercapnia	Diagnosis	ICD-10-CM
J96.10	Chronic respiratory failure, unspecified whether with hypoxia or hypercapnia	Diagnosis	ICD-10-CM
J96.11	Chronic respiratory failure with hypoxia	Diagnosis	ICD-10-CM
J96.12	Chronic respiratory failure with hypercapnia	Diagnosis	ICD-10-CM
J96.90	Respiratory failure, unspecified, unspecified whether with hypoxia or hypercapnia	Diagnosis	ICD-10-CM
J96.91	Respiratory failure, unspecified with hypoxia	Diagnosis	ICD-10-CM
J96.92	Respiratory failure, unspecified with hypercapnia	Diagnosis	ICD-10-CM
Liver Disease			
B18	Chronic viral hepatitis	Diagnosis	ICD-10-CM
B18.0	Chronic viral hepatitis B with delta-agent	Diagnosis	ICD-10-CM
B18.1	Chronic viral hepatitis B without delta-agent	Diagnosis	ICD-10-CM
B18.2	Chronic viral hepatitis C	Diagnosis	ICD-10-CM
B18.8	Other chronic viral hepatitis	Diagnosis	ICD-10-CM
B18.9	Chronic viral hepatitis, unspecified	Diagnosis	ICD-10-CM
E83.01	Wilson's disease	Diagnosis	ICD-10-CM
E83.110	Hereditary hemochromatosis	Diagnosis	ICD-10-CM
E88.01	Alpha-1-antitrypsin deficiency	Diagnosis	ICD-10-CM
I85	Esophageal varices	Diagnosis	ICD-10-CM
I85.0	Esophageal varices	Diagnosis	ICD-10-CM
I85.00	Esophageal varices without bleeding	Diagnosis	ICD-10-CM
I85.01	Esophageal varices with bleeding	Diagnosis	ICD-10-CM
I85.1	Secondary esophageal varices	Diagnosis	ICD-10-CM
I85.10	Secondary esophageal varices without bleeding	Diagnosis	ICD-10-CM
I85.11	Secondary esophageal varices with bleeding	Diagnosis	ICD-10-CM
I86.4	Gastric varices	Diagnosis	ICD-10-CM
K65.2	Spontaneous bacterial peritonitis	Diagnosis	ICD-10-CM
K70.0	Alcoholic fatty liver	Diagnosis	ICD-10-CM
K70.1	Alcoholic hepatitis	Diagnosis	ICD-10-CM
K70.10	Alcoholic hepatitis without ascites	Diagnosis	ICD-10-CM
K70.11	Alcoholic hepatitis with ascites	Diagnosis	ICD-10-CM
K70.2	Alcoholic fibrosis and sclerosis of liver	Diagnosis	ICD-10-CM
K70.3	Alcoholic cirrhosis of liver	Diagnosis	ICD-10-CM
K70.30	Alcoholic cirrhosis of liver without ascites	Diagnosis	ICD-10-CM
K70.31	Alcoholic cirrhosis of liver with ascites	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
K70.4	Alcoholic hepatic failure	Diagnosis	ICD-10-CM
K70.40	Alcoholic hepatic failure without coma	Diagnosis	ICD-10-CM
K70.41	Alcoholic hepatic failure with coma	Diagnosis	ICD-10-CM
K70.9	Alcoholic liver disease, unspecified	Diagnosis	ICD-10-CM
K71.0	Toxic liver disease with cholestasis	Diagnosis	ICD-10-CM
K71.1	Toxic liver disease with hepatic necrosis	Diagnosis	ICD-10-CM
K71.10	Toxic liver disease with hepatic necrosis, without coma	Diagnosis	ICD-10-CM
K71.11	Toxic liver disease with hepatic necrosis, with coma	Diagnosis	ICD-10-CM
K71.2	Toxic liver disease with acute hepatitis	Diagnosis	ICD-10-CM
K71.3	Toxic liver disease with chronic persistent hepatitis	Diagnosis	ICD-10-CM
K71.4	Toxic liver disease with chronic lobular hepatitis	Diagnosis	ICD-10-CM
K71.5	Toxic liver disease with chronic active hepatitis	Diagnosis	ICD-10-CM
K71.50	Toxic liver disease with chronic active hepatitis without ascites	Diagnosis	ICD-10-CM
K71.51	Toxic liver disease with chronic active hepatitis with ascites	Diagnosis	ICD-10-CM
K71.6	Toxic liver disease with hepatitis, not elsewhere classified	Diagnosis	ICD-10-CM
K71.7	Toxic liver disease with fibrosis and cirrhosis of liver	Diagnosis	ICD-10-CM
K71.8	Toxic liver disease with other disorders of liver	Diagnosis	ICD-10-CM
K71.9	Toxic liver disease, unspecified	Diagnosis	ICD-10-CM
K72.01	Acute and subacute hepatic failure with coma	Diagnosis	ICD-10-CM
K72.1	Chronic hepatic failure	Diagnosis	ICD-10-CM
K72.10	Chronic hepatic failure without coma	Diagnosis	ICD-10-CM
K72.11	Chronic hepatic failure with coma	Diagnosis	ICD-10-CM
K72.9	Hepatic failure, unspecified	Diagnosis	ICD-10-CM
K72.90	Hepatic failure, unspecified without coma	Diagnosis	ICD-10-CM
K72.91	Hepatic failure, unspecified with coma	Diagnosis	ICD-10-CM
K73	Chronic hepatitis, not elsewhere classified	Diagnosis	ICD-10-CM
K73.0	Chronic persistent hepatitis, not elsewhere classified	Diagnosis	ICD-10-CM
K73.1	Chronic lobular hepatitis, not elsewhere classified	Diagnosis	ICD-10-CM
K73.2	Chronic active hepatitis, not elsewhere classified	Diagnosis	ICD-10-CM
K73.8	Other chronic hepatitis, not elsewhere classified	Diagnosis	ICD-10-CM
K73.9	Chronic hepatitis, unspecified	Diagnosis	ICD-10-CM
K74	Fibrosis and cirrhosis of liver	Diagnosis	ICD-10-CM
K74.0	Hepatic fibrosis	Diagnosis	ICD-10-CM
K74.1	Hepatic sclerosis	Diagnosis	ICD-10-CM
K74.2	Hepatic fibrosis with hepatic sclerosis	Diagnosis	ICD-10-CM
K74.3	Primary biliary cirrhosis	Diagnosis	ICD-10-CM
K74.4	Secondary biliary cirrhosis	Diagnosis	ICD-10-CM
K74.5	Biliary cirrhosis, unspecified	Diagnosis	ICD-10-CM
K74.6	Other and unspecified cirrhosis of liver	Diagnosis	ICD-10-CM
K74.60	Unspecified cirrhosis of liver	Diagnosis	ICD-10-CM
K74.69	Other cirrhosis of liver	Diagnosis	ICD-10-CM
K75.0	Abscess of liver	Diagnosis	ICD-10-CM
K75.1	Phlebitis of portal vein	Diagnosis	ICD-10-CM
K75.2	Nonspecific reactive hepatitis	Diagnosis	ICD-10-CM
K75.3	Granulomatous hepatitis, not elsewhere classified	Diagnosis	ICD-10-CM
K75.4	Autoimmune hepatitis	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
K75.8	Other specified inflammatory liver diseases	Diagnosis	ICD-10-CM
K75.81	Nonalcoholic steatohepatitis (NASH)	Diagnosis	ICD-10-CM
K75.89	Other specified inflammatory liver diseases	Diagnosis	ICD-10-CM
K75.9	Inflammatory liver disease, unspecified	Diagnosis	ICD-10-CM
K76.0	Fatty (change of) liver, not elsewhere classified	Diagnosis	ICD-10-CM
K76.1	Chronic passive congestion of liver	Diagnosis	ICD-10-CM
K76.2	Central hemorrhagic necrosis of liver	Diagnosis	ICD-10-CM
K76.3	Infarction of liver	Diagnosis	ICD-10-CM
K76.4	Peliosis hepatis	Diagnosis	ICD-10-CM
K76.5	Hepatic veno-occlusive disease	Diagnosis	ICD-10-CM
K76.6	Portal hypertension	Diagnosis	ICD-10-CM
K76.7	Hepatorenal syndrome	Diagnosis	ICD-10-CM
K76.8	Other specified diseases of liver	Diagnosis	ICD-10-CM
K76.81	Hepatopulmonary syndrome	Diagnosis	ICD-10-CM
K76.89	Other specified diseases of liver	Diagnosis	ICD-10-CM
K76.9	Liver disease, unspecified	Diagnosis	ICD-10-CM
K83.01	Primary sclerosing cholangitis	Diagnosis	ICD-10-CM
K91.83	Postprocedural hepatorenal syndrome	Diagnosis	ICD-10-CM
Z94.4	Liver transplant status	Diagnosis	ICD-10-CM
HIV			
B20	Human immunodeficiency virus [HIV] disease	Diagnosis	ICD-10-CM
B97.35	Human immunodeficiency virus, type 2 [HIV 2] as the cause of diseases classified elsewhere	Diagnosis	ICD-10-CM
O98.7	Human immunodeficiency virus [HIV] disease complicating pregnancy, childbirth and the puerperium	Diagnosis	ICD-10-CM
O98.71	Human immunodeficiency virus [HIV] disease complicating pregnancy	Diagnosis	ICD-10-CM
O98.711	Human immunodeficiency virus [HIV] disease complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O98.712	Human immunodeficiency virus [HIV] disease complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O98.713	Human immunodeficiency virus [HIV] disease complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O98.719	Human immunodeficiency virus [HIV] disease complicating pregnancy, unspecified trimester	Diagnosis	ICD-10-CM
O98.72	Human immunodeficiency virus [HIV] disease complicating childbirth	Diagnosis	ICD-10-CM
O98.73	Human immunodeficiency virus [HIV] disease complicating the puerperium	Diagnosis	ICD-10-CM
Z21	Asymptomatic human immunodeficiency virus [HIV] infection status	Diagnosis	ICD-10-CM
Any cancer			
C00	Malignant neoplasm of lip	Diagnosis	ICD-10-CM
C00.0	Malignant neoplasm of external upper lip	Diagnosis	ICD-10-CM
C00.1	Malignant neoplasm of external lower lip	Diagnosis	ICD-10-CM
C00.2	Malignant neoplasm of external lip, unspecified	Diagnosis	ICD-10-CM
C00.3	Malignant neoplasm of upper lip, inner aspect	Diagnosis	ICD-10-CM
C00.4	Malignant neoplasm of lower lip, inner aspect	Diagnosis	ICD-10-CM
C00.5	Malignant neoplasm of lip, unspecified, inner aspect	Diagnosis	ICD-10-CM
C00.6	Malignant neoplasm of commissure of lip, unspecified	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
C00.8	Malignant neoplasm of overlapping sites of lip	Diagnosis	ICD-10-CM
C00.9	Malignant neoplasm of lip, unspecified	Diagnosis	ICD-10-CM
C01	Malignant neoplasm of base of tongue	Diagnosis	ICD-10-CM
C02	Malignant neoplasm of other and unspecified parts of tongue	Diagnosis	ICD-10-CM
C02.0	Malignant neoplasm of dorsal surface of tongue	Diagnosis	ICD-10-CM
C02.1	Malignant neoplasm of border of tongue	Diagnosis	ICD-10-CM
C02.2	Malignant neoplasm of ventral surface of tongue	Diagnosis	ICD-10-CM
C02.3	Malignant neoplasm of anterior two-thirds of tongue, part unspecified	Diagnosis	ICD-10-CM
C02.4	Malignant neoplasm of lingual tonsil	Diagnosis	ICD-10-CM
C02.8	Malignant neoplasm of overlapping sites of tongue	Diagnosis	ICD-10-CM
C02.9	Malignant neoplasm of tongue, unspecified	Diagnosis	ICD-10-CM
C03	Malignant neoplasm of gum	Diagnosis	ICD-10-CM
C03.0	Malignant neoplasm of upper gum	Diagnosis	ICD-10-CM
C03.1	Malignant neoplasm of lower gum	Diagnosis	ICD-10-CM
C03.9	Malignant neoplasm of gum, unspecified	Diagnosis	ICD-10-CM
C04	Malignant neoplasm of floor of mouth	Diagnosis	ICD-10-CM
C04.0	Malignant neoplasm of anterior floor of mouth	Diagnosis	ICD-10-CM
C04.1	Malignant neoplasm of lateral floor of mouth	Diagnosis	ICD-10-CM
C04.8	Malignant neoplasm of overlapping sites of floor of mouth	Diagnosis	ICD-10-CM
C04.9	Malignant neoplasm of floor of mouth, unspecified	Diagnosis	ICD-10-CM
C05	Malignant neoplasm of palate	Diagnosis	ICD-10-CM
C05.0	Malignant neoplasm of hard palate	Diagnosis	ICD-10-CM
C05.1	Malignant neoplasm of soft palate	Diagnosis	ICD-10-CM
C05.2	Malignant neoplasm of uvula	Diagnosis	ICD-10-CM
C05.8	Malignant neoplasm of overlapping sites of palate	Diagnosis	ICD-10-CM
C05.9	Malignant neoplasm of palate, unspecified	Diagnosis	ICD-10-CM
C06	Malignant neoplasm of other and unspecified parts of mouth	Diagnosis	ICD-10-CM
C06.0	Malignant neoplasm of cheek mucosa	Diagnosis	ICD-10-CM
C06.1	Malignant neoplasm of vestibule of mouth	Diagnosis	ICD-10-CM
C06.2	Malignant neoplasm of retromolar area	Diagnosis	ICD-10-CM
C06.8	Malignant neoplasm of overlapping sites of other and unspecified parts of mouth	Diagnosis	ICD-10-CM
C06.80	Malignant neoplasm of overlapping sites of unspecified parts of mouth	Diagnosis	ICD-10-CM
C06.89	Malignant neoplasm of overlapping sites of other parts of mouth	Diagnosis	ICD-10-CM
C06.9	Malignant neoplasm of mouth, unspecified	Diagnosis	ICD-10-CM
C07	Malignant neoplasm of parotid gland	Diagnosis	ICD-10-CM
C08	Malignant neoplasm of other and unspecified major salivary glands	Diagnosis	ICD-10-CM
C08.0	Malignant neoplasm of submandibular gland	Diagnosis	ICD-10-CM
C08.1	Malignant neoplasm of sublingual gland	Diagnosis	ICD-10-CM
C08.9	Malignant neoplasm of major salivary gland, unspecified	Diagnosis	ICD-10-CM
C09	Malignant neoplasm of tonsil	Diagnosis	ICD-10-CM
C09.0	Malignant neoplasm of tonsillar fossa	Diagnosis	ICD-10-CM
C09.1	Malignant neoplasm of tonsillar pillar (anterior) (posterior)	Diagnosis	ICD-10-CM
C09.8	Malignant neoplasm of overlapping sites of tonsil	Diagnosis	ICD-10-CM
C09.9	Malignant neoplasm of tonsil, unspecified	Diagnosis	ICD-10-CM
C10	Malignant neoplasm of oropharynx	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C10.0	Malignant neoplasm of vallecula	Diagnosis	ICD-10-CM
C10.1	Malignant neoplasm of anterior surface of epiglottis	Diagnosis	ICD-10-CM
C10.2	Malignant neoplasm of lateral wall of oropharynx	Diagnosis	ICD-10-CM
C10.3	Malignant neoplasm of posterior wall of oropharynx	Diagnosis	ICD-10-CM
C10.4	Malignant neoplasm of branchial cleft	Diagnosis	ICD-10-CM
C10.8	Malignant neoplasm of overlapping sites of oropharynx	Diagnosis	ICD-10-CM
C10.9	Malignant neoplasm of oropharynx, unspecified	Diagnosis	ICD-10-CM
C11	Malignant neoplasm of nasopharynx	Diagnosis	ICD-10-CM
C11.0	Malignant neoplasm of superior wall of nasopharynx	Diagnosis	ICD-10-CM
C11.1	Malignant neoplasm of posterior wall of nasopharynx	Diagnosis	ICD-10-CM
C11.2	Malignant neoplasm of lateral wall of nasopharynx	Diagnosis	ICD-10-CM
C11.3	Malignant neoplasm of anterior wall of nasopharynx	Diagnosis	ICD-10-CM
C11.8	Malignant neoplasm of overlapping sites of nasopharynx	Diagnosis	ICD-10-CM
C11.9	Malignant neoplasm of nasopharynx, unspecified	Diagnosis	ICD-10-CM
C12	Malignant neoplasm of pyriform sinus	Diagnosis	ICD-10-CM
C13	Malignant neoplasm of hypopharynx	Diagnosis	ICD-10-CM
C13.0	Malignant neoplasm of postcricoid region	Diagnosis	ICD-10-CM
C13.1	Malignant neoplasm of aryepiglottic fold, hypopharyngeal aspect	Diagnosis	ICD-10-CM
C13.2	Malignant neoplasm of posterior wall of hypopharynx	Diagnosis	ICD-10-CM
C13.8	Malignant neoplasm of overlapping sites of hypopharynx	Diagnosis	ICD-10-CM
C13.9	Malignant neoplasm of hypopharynx, unspecified	Diagnosis	ICD-10-CM
C14	Malignant neoplasm of other and ill-defined sites in the lip, oral cavity and pharynx	Diagnosis	ICD-10-CM
C14.0	Malignant neoplasm of pharynx, unspecified	Diagnosis	ICD-10-CM
C14.2	Malignant neoplasm of Waldeyer's ring	Diagnosis	ICD-10-CM
C14.8	Malignant neoplasm of overlapping sites of lip, oral cavity and pharynx	Diagnosis	ICD-10-CM
C15	Malignant neoplasm of esophagus	Diagnosis	ICD-10-CM
C15.3	Malignant neoplasm of upper third of esophagus	Diagnosis	ICD-10-CM
C15.4	Malignant neoplasm of middle third of esophagus	Diagnosis	ICD-10-CM
C15.5	Malignant neoplasm of lower third of esophagus	Diagnosis	ICD-10-CM
C15.8	Malignant neoplasm of overlapping sites of esophagus	Diagnosis	ICD-10-CM
C15.9	Malignant neoplasm of esophagus, unspecified	Diagnosis	ICD-10-CM
C16	Malignant neoplasm of stomach	Diagnosis	ICD-10-CM
C16.0	Malignant neoplasm of cardia	Diagnosis	ICD-10-CM
C16.1	Malignant neoplasm of fundus of stomach	Diagnosis	ICD-10-CM
C16.2	Malignant neoplasm of body of stomach	Diagnosis	ICD-10-CM
C16.3	Malignant neoplasm of pyloric antrum	Diagnosis	ICD-10-CM
C16.4	Malignant neoplasm of pylorus	Diagnosis	ICD-10-CM
C16.5	Malignant neoplasm of lesser curvature of stomach, unspecified	Diagnosis	ICD-10-CM
C16.6	Malignant neoplasm of greater curvature of stomach, unspecified	Diagnosis	ICD-10-CM
C16.8	Malignant neoplasm of overlapping sites of stomach	Diagnosis	ICD-10-CM
C16.9	Malignant neoplasm of stomach, unspecified	Diagnosis	ICD-10-CM
C17	Malignant neoplasm of small intestine	Diagnosis	ICD-10-CM
C17.0	Malignant neoplasm of duodenum	Diagnosis	ICD-10-CM
C17.1	Malignant neoplasm of jejunum	Diagnosis	ICD-10-CM
C17.2	Malignant neoplasm of ileum	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C17.3	Meckel's diverticulum, malignant	Diagnosis	ICD-10-CM
C17.8	Malignant neoplasm of overlapping sites of small intestine	Diagnosis	ICD-10-CM
C17.9	Malignant neoplasm of small intestine, unspecified	Diagnosis	ICD-10-CM
C18	Malignant neoplasm of colon	Diagnosis	ICD-10-CM
C18.0	Malignant neoplasm of cecum	Diagnosis	ICD-10-CM
C18.1	Malignant neoplasm of appendix	Diagnosis	ICD-10-CM
C18.2	Malignant neoplasm of ascending colon	Diagnosis	ICD-10-CM
C18.3	Malignant neoplasm of hepatic flexure	Diagnosis	ICD-10-CM
C18.4	Malignant neoplasm of transverse colon	Diagnosis	ICD-10-CM
C18.5	Malignant neoplasm of splenic flexure	Diagnosis	ICD-10-CM
C18.6	Malignant neoplasm of descending colon	Diagnosis	ICD-10-CM
C18.7	Malignant neoplasm of sigmoid colon	Diagnosis	ICD-10-CM
C18.8	Malignant neoplasm of overlapping sites of colon	Diagnosis	ICD-10-CM
C18.9	Malignant neoplasm of colon, unspecified	Diagnosis	ICD-10-CM
C19	Malignant neoplasm of rectosigmoid junction	Diagnosis	ICD-10-CM
C20	Malignant neoplasm of rectum	Diagnosis	ICD-10-CM
C21	Malignant neoplasm of anus and anal canal	Diagnosis	ICD-10-CM
C21.0	Malignant neoplasm of anus, unspecified	Diagnosis	ICD-10-CM
C21.1	Malignant neoplasm of anal canal	Diagnosis	ICD-10-CM
C21.2	Malignant neoplasm of cloacogenic zone	Diagnosis	ICD-10-CM
C21.8	Malignant neoplasm of overlapping sites of rectum, anus and anal canal	Diagnosis	ICD-10-CM
C22	Malignant neoplasm of liver and intrahepatic bile ducts	Diagnosis	ICD-10-CM
C22.0	Liver cell carcinoma	Diagnosis	ICD-10-CM
C22.1	Intrahepatic bile duct carcinoma	Diagnosis	ICD-10-CM
C22.2	Hepatoblastoma	Diagnosis	ICD-10-CM
C22.3	Angiosarcoma of liver	Diagnosis	ICD-10-CM
C22.4	Other sarcomas of liver	Diagnosis	ICD-10-CM
C22.7	Other specified carcinomas of liver	Diagnosis	ICD-10-CM
C22.8	Malignant neoplasm of liver, primary, unspecified as to type	Diagnosis	ICD-10-CM
C22.9	Malignant neoplasm of liver, not specified as primary or secondary	Diagnosis	ICD-10-CM
C23	Malignant neoplasm of gallbladder	Diagnosis	ICD-10-CM
C24	Malignant neoplasm of other and unspecified parts of biliary tract	Diagnosis	ICD-10-CM
C24.0	Malignant neoplasm of extrahepatic bile duct	Diagnosis	ICD-10-CM
C24.1	Malignant neoplasm of ampulla of Vater	Diagnosis	ICD-10-CM
C24.8	Malignant neoplasm of overlapping sites of biliary tract	Diagnosis	ICD-10-CM
C24.9	Malignant neoplasm of biliary tract, unspecified	Diagnosis	ICD-10-CM
C25	Malignant neoplasm of pancreas	Diagnosis	ICD-10-CM
C25.0	Malignant neoplasm of head of pancreas	Diagnosis	ICD-10-CM
C25.1	Malignant neoplasm of body of pancreas	Diagnosis	ICD-10-CM
C25.2	Malignant neoplasm of tail of pancreas	Diagnosis	ICD-10-CM
C25.3	Malignant neoplasm of pancreatic duct	Diagnosis	ICD-10-CM
C25.4	Malignant neoplasm of endocrine pancreas	Diagnosis	ICD-10-CM
C25.7	Malignant neoplasm of other parts of pancreas	Diagnosis	ICD-10-CM
C25.8	Malignant neoplasm of overlapping sites of pancreas	Diagnosis	ICD-10-CM
C25.9	Malignant neoplasm of pancreas, unspecified	Diagnosis	ICD-10-CM
C26	Malignant neoplasm of other and ill-defined digestive organs	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C26.0	Malignant neoplasm of intestinal tract, part unspecified	Diagnosis	ICD-10-CM
C26.1	Malignant neoplasm of spleen	Diagnosis	ICD-10-CM
C26.9	Malignant neoplasm of ill-defined sites within the digestive system	Diagnosis	ICD-10-CM
C30	Malignant neoplasm of nasal cavity and middle ear	Diagnosis	ICD-10-CM
C30.0	Malignant neoplasm of nasal cavity	Diagnosis	ICD-10-CM
C30.1	Malignant neoplasm of middle ear	Diagnosis	ICD-10-CM
C31	Malignant neoplasm of accessory sinuses	Diagnosis	ICD-10-CM
C31.0	Malignant neoplasm of maxillary sinus	Diagnosis	ICD-10-CM
C31.1	Malignant neoplasm of ethmoidal sinus	Diagnosis	ICD-10-CM
C31.2	Malignant neoplasm of frontal sinus	Diagnosis	ICD-10-CM
C31.3	Malignant neoplasm of sphenoid sinus	Diagnosis	ICD-10-CM
C31.8	Malignant neoplasm of overlapping sites of accessory sinuses	Diagnosis	ICD-10-CM
C31.9	Malignant neoplasm of accessory sinus, unspecified	Diagnosis	ICD-10-CM
C32	Malignant neoplasm of larynx	Diagnosis	ICD-10-CM
C32.0	Malignant neoplasm of glottis	Diagnosis	ICD-10-CM
C32.1	Malignant neoplasm of supraglottis	Diagnosis	ICD-10-CM
C32.2	Malignant neoplasm of subglottis	Diagnosis	ICD-10-CM
C32.3	Malignant neoplasm of laryngeal cartilage	Diagnosis	ICD-10-CM
C32.8	Malignant neoplasm of overlapping sites of larynx	Diagnosis	ICD-10-CM
C32.9	Malignant neoplasm of larynx, unspecified	Diagnosis	ICD-10-CM
C33	Malignant neoplasm of trachea	Diagnosis	ICD-10-CM
C34	Malignant neoplasm of bronchus and lung	Diagnosis	ICD-10-CM
C34.0	Malignant neoplasm of main bronchus	Diagnosis	ICD-10-CM
C34.00	Malignant neoplasm of unspecified main bronchus	Diagnosis	ICD-10-CM
C34.01	Malignant neoplasm of right main bronchus	Diagnosis	ICD-10-CM
C34.02	Malignant neoplasm of left main bronchus	Diagnosis	ICD-10-CM
C34.1	Malignant neoplasm of upper lobe, bronchus or lung	Diagnosis	ICD-10-CM
C34.10	Malignant neoplasm of upper lobe, unspecified bronchus or lung	Diagnosis	ICD-10-CM
C34.11	Malignant neoplasm of upper lobe, right bronchus or lung	Diagnosis	ICD-10-CM
C34.12	Malignant neoplasm of upper lobe, left bronchus or lung	Diagnosis	ICD-10-CM
C34.2	Malignant neoplasm of middle lobe, bronchus or lung	Diagnosis	ICD-10-CM
C34.3	Malignant neoplasm of lower lobe, bronchus or lung	Diagnosis	ICD-10-CM
C34.30	Malignant neoplasm of lower lobe, unspecified bronchus or lung	Diagnosis	ICD-10-CM
C34.31	Malignant neoplasm of lower lobe, right bronchus or lung	Diagnosis	ICD-10-CM
C34.32	Malignant neoplasm of lower lobe, left bronchus or lung	Diagnosis	ICD-10-CM
C34.8	Malignant neoplasm of overlapping sites of bronchus and lung	Diagnosis	ICD-10-CM
C34.80	Malignant neoplasm of overlapping sites of unspecified bronchus and lung	Diagnosis	ICD-10-CM
C34.81	Malignant neoplasm of overlapping sites of right bronchus and lung	Diagnosis	ICD-10-CM
C34.82	Malignant neoplasm of overlapping sites of left bronchus and lung	Diagnosis	ICD-10-CM
C34.9	Malignant neoplasm of unspecified part of bronchus or lung	Diagnosis	ICD-10-CM
C34.90	Malignant neoplasm of unspecified part of unspecified bronchus or lung	Diagnosis	ICD-10-CM
C34.91	Malignant neoplasm of unspecified part of right bronchus or lung	Diagnosis	ICD-10-CM
C34.92	Malignant neoplasm of unspecified part of left bronchus or lung	Diagnosis	ICD-10-CM
C37	Malignant neoplasm of thymus	Diagnosis	ICD-10-CM
C38	Malignant neoplasm of heart, mediastinum and pleura	Diagnosis	ICD-10-CM
C38.0	Malignant neoplasm of heart	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C38.1	Malignant neoplasm of anterior mediastinum	Diagnosis	ICD-10-CM
C38.2	Malignant neoplasm of posterior mediastinum	Diagnosis	ICD-10-CM
C38.3	Malignant neoplasm of mediastinum, part unspecified	Diagnosis	ICD-10-CM
C38.4	Malignant neoplasm of pleura	Diagnosis	ICD-10-CM
C38.8	Malignant neoplasm of overlapping sites of heart, mediastinum and pleura	Diagnosis	ICD-10-CM
C39	Malignant neoplasm of other and ill-defined sites in the respiratory system and intrathoracic organs	Diagnosis	ICD-10-CM
C39.0	Malignant neoplasm of upper respiratory tract, part unspecified	Diagnosis	ICD-10-CM
C39.9	Malignant neoplasm of lower respiratory tract, part unspecified	Diagnosis	ICD-10-CM
C40	Malignant neoplasm of bone and articular cartilage of limbs	Diagnosis	ICD-10-CM
C40.0	Malignant neoplasm of scapula and long bones of upper limb	Diagnosis	ICD-10-CM
C40.00	Malignant neoplasm of scapula and long bones of unspecified upper limb	Diagnosis	ICD-10-CM
C40.01	Malignant neoplasm of scapula and long bones of right upper limb	Diagnosis	ICD-10-CM
C40.02	Malignant neoplasm of scapula and long bones of left upper limb	Diagnosis	ICD-10-CM
C40.1	Malignant neoplasm of short bones of upper limb	Diagnosis	ICD-10-CM
C40.10	Malignant neoplasm of short bones of unspecified upper limb	Diagnosis	ICD-10-CM
C40.11	Malignant neoplasm of short bones of right upper limb	Diagnosis	ICD-10-CM
C40.12	Malignant neoplasm of short bones of left upper limb	Diagnosis	ICD-10-CM
C40.2	Malignant neoplasm of long bones of lower limb	Diagnosis	ICD-10-CM
C40.20	Malignant neoplasm of long bones of unspecified lower limb	Diagnosis	ICD-10-CM
C40.21	Malignant neoplasm of long bones of right lower limb	Diagnosis	ICD-10-CM
C40.22	Malignant neoplasm of long bones of left lower limb	Diagnosis	ICD-10-CM
C40.3	Malignant neoplasm of short bones of lower limb	Diagnosis	ICD-10-CM
C40.30	Malignant neoplasm of short bones of unspecified lower limb	Diagnosis	ICD-10-CM
C40.31	Malignant neoplasm of short bones of right lower limb	Diagnosis	ICD-10-CM
C40.32	Malignant neoplasm of short bones of left lower limb	Diagnosis	ICD-10-CM
C40.8	Malignant neoplasm of overlapping sites of bone and articular cartilage of limb	Diagnosis	ICD-10-CM
C40.80	Malignant neoplasm of overlapping sites of bone and articular cartilage of unspecified limb	Diagnosis	ICD-10-CM
C40.81	Malignant neoplasm of overlapping sites of bone and articular cartilage of right limb	Diagnosis	ICD-10-CM
C40.82	Malignant neoplasm of overlapping sites of bone and articular cartilage of left limb	Diagnosis	ICD-10-CM
C40.9	Malignant neoplasm of unspecified bones and articular cartilage of limb	Diagnosis	ICD-10-CM
C40.90	Malignant neoplasm of unspecified bones and articular cartilage of unspecified limb	Diagnosis	ICD-10-CM
C40.91	Malignant neoplasm of unspecified bones and articular cartilage of right limb	Diagnosis	ICD-10-CM
C40.92	Malignant neoplasm of unspecified bones and articular cartilage of left limb	Diagnosis	ICD-10-CM
C41	Malignant neoplasm of bone and articular cartilage of other and unspecified sites	Diagnosis	ICD-10-CM
C41.0	Malignant neoplasm of bones of skull and face	Diagnosis	ICD-10-CM
C41.1	Malignant neoplasm of mandible	Diagnosis	ICD-10-CM
C41.2	Malignant neoplasm of vertebral column	Diagnosis	ICD-10-CM
C41.3	Malignant neoplasm of ribs, sternum and clavicle	Diagnosis	ICD-10-CM
C41.4	Malignant neoplasm of pelvic bones, sacrum and coccyx	Diagnosis	ICD-10-CM
C41.9	Malignant neoplasm of bone and articular cartilage, unspecified	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C43	Malignant melanoma of skin	Diagnosis	ICD-10-CM
C43.0	Malignant melanoma of lip	Diagnosis	ICD-10-CM
C43.1	Malignant melanoma of eyelid, including canthus	Diagnosis	ICD-10-CM
C43.10	Malignant melanoma of unspecified eyelid, including canthus	Diagnosis	ICD-10-CM
C43.11	Malignant melanoma of right eyelid, including canthus	Diagnosis	ICD-10-CM
C43.111	Malignant melanoma of right upper eyelid, including canthus	Diagnosis	ICD-10-CM
C43.112	Malignant melanoma of right lower eyelid, including canthus	Diagnosis	ICD-10-CM
C43.12	Malignant melanoma of left eyelid, including canthus	Diagnosis	ICD-10-CM
C43.121	Malignant melanoma of left upper eyelid, including canthus	Diagnosis	ICD-10-CM
C43.122	Malignant melanoma of left lower eyelid, including canthus	Diagnosis	ICD-10-CM
C43.2	Malignant melanoma of ear and external auricular canal	Diagnosis	ICD-10-CM
C43.20	Malignant melanoma of unspecified ear and external auricular canal	Diagnosis	ICD-10-CM
C43.21	Malignant melanoma of right ear and external auricular canal	Diagnosis	ICD-10-CM
C43.22	Malignant melanoma of left ear and external auricular canal	Diagnosis	ICD-10-CM
C43.3	Malignant melanoma of other and unspecified parts of face	Diagnosis	ICD-10-CM
C43.30	Malignant melanoma of unspecified part of face	Diagnosis	ICD-10-CM
C43.31	Malignant melanoma of nose	Diagnosis	ICD-10-CM
C43.39	Malignant melanoma of other parts of face	Diagnosis	ICD-10-CM
C43.4	Malignant melanoma of scalp and neck	Diagnosis	ICD-10-CM
C43.5	Malignant melanoma of trunk	Diagnosis	ICD-10-CM
C43.51	Malignant melanoma of anal skin	Diagnosis	ICD-10-CM
C43.52	Malignant melanoma of skin of breast	Diagnosis	ICD-10-CM
C43.59	Malignant melanoma of other part of trunk	Diagnosis	ICD-10-CM
C43.6	Malignant melanoma of upper limb, including shoulder	Diagnosis	ICD-10-CM
C43.60	Malignant melanoma of unspecified upper limb, including shoulder	Diagnosis	ICD-10-CM
C43.61	Malignant melanoma of right upper limb, including shoulder	Diagnosis	ICD-10-CM
C43.62	Malignant melanoma of left upper limb, including shoulder	Diagnosis	ICD-10-CM
C43.7	Malignant melanoma of lower limb, including hip	Diagnosis	ICD-10-CM
C43.70	Malignant melanoma of unspecified lower limb, including hip	Diagnosis	ICD-10-CM
C43.71	Malignant melanoma of right lower limb, including hip	Diagnosis	ICD-10-CM
C43.72	Malignant melanoma of left lower limb, including hip	Diagnosis	ICD-10-CM
C43.8	Malignant melanoma of overlapping sites of skin	Diagnosis	ICD-10-CM
C43.9	Malignant melanoma of skin, unspecified	Diagnosis	ICD-10-CM
C45	Mesothelioma	Diagnosis	ICD-10-CM
C45.0	Mesothelioma of pleura	Diagnosis	ICD-10-CM
C45.1	Mesothelioma of peritoneum	Diagnosis	ICD-10-CM
C45.2	Mesothelioma of pericardium	Diagnosis	ICD-10-CM
C45.7	Mesothelioma of other sites	Diagnosis	ICD-10-CM
C45.9	Mesothelioma, unspecified	Diagnosis	ICD-10-CM
C46	Kaposi's sarcoma	Diagnosis	ICD-10-CM
C46.0	Kaposi's sarcoma of skin	Diagnosis	ICD-10-CM
C46.1	Kaposi's sarcoma of soft tissue	Diagnosis	ICD-10-CM
C46.2	Kaposi's sarcoma of palate	Diagnosis	ICD-10-CM
C46.3	Kaposi's sarcoma of lymph nodes	Diagnosis	ICD-10-CM
C46.4	Kaposi's sarcoma of gastrointestinal sites	Diagnosis	ICD-10-CM
C46.5	Kaposi's sarcoma of lung	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
C46.50	Kaposi's sarcoma of unspecified lung	Diagnosis	ICD-10-CM
C46.51	Kaposi's sarcoma of right lung	Diagnosis	ICD-10-CM
C46.52	Kaposi's sarcoma of left lung	Diagnosis	ICD-10-CM
C46.7	Kaposi's sarcoma of other sites	Diagnosis	ICD-10-CM
C46.9	Kaposi's sarcoma, unspecified	Diagnosis	ICD-10-CM
C47	Malignant neoplasm of peripheral nerves and autonomic nervous system	Diagnosis	ICD-10-CM
C47.0	Malignant neoplasm of peripheral nerves of head, face and neck	Diagnosis	ICD-10-CM
C47.1	Malignant neoplasm of peripheral nerves of upper limb, including shoulder	Diagnosis	ICD-10-CM
C47.10	Malignant neoplasm of peripheral nerves of unspecified upper limb, including shoulder	Diagnosis	ICD-10-CM
C47.11	Malignant neoplasm of peripheral nerves of right upper limb, including shoulder	Diagnosis	ICD-10-CM
C47.12	Malignant neoplasm of peripheral nerves of left upper limb, including shoulder	Diagnosis	ICD-10-CM
C47.2	Malignant neoplasm of peripheral nerves of lower limb, including hip	Diagnosis	ICD-10-CM
C47.20	Malignant neoplasm of peripheral nerves of unspecified lower limb, including hip	Diagnosis	ICD-10-CM
C47.21	Malignant neoplasm of peripheral nerves of right lower limb, including hip	Diagnosis	ICD-10-CM
C47.22	Malignant neoplasm of peripheral nerves of left lower limb, including hip	Diagnosis	ICD-10-CM
C47.3	Malignant neoplasm of peripheral nerves of thorax	Diagnosis	ICD-10-CM
C47.4	Malignant neoplasm of peripheral nerves of abdomen	Diagnosis	ICD-10-CM
C47.5	Malignant neoplasm of peripheral nerves of pelvis	Diagnosis	ICD-10-CM
C47.6	Malignant neoplasm of peripheral nerves of trunk, unspecified	Diagnosis	ICD-10-CM
C47.8	Malignant neoplasm of overlapping sites of peripheral nerves and autonomic nervous system	Diagnosis	ICD-10-CM
C47.9	Malignant neoplasm of peripheral nerves and autonomic nervous system, unspecified	Diagnosis	ICD-10-CM
C48	Malignant neoplasm of retroperitoneum and peritoneum	Diagnosis	ICD-10-CM
C48.0	Malignant neoplasm of retroperitoneum	Diagnosis	ICD-10-CM
C48.1	Malignant neoplasm of specified parts of peritoneum	Diagnosis	ICD-10-CM
C48.2	Malignant neoplasm of peritoneum, unspecified	Diagnosis	ICD-10-CM
C48.8	Malignant neoplasm of overlapping sites of retroperitoneum and peritoneum	Diagnosis	ICD-10-CM
C49	Malignant neoplasm of other connective and soft tissue	Diagnosis	ICD-10-CM
C49.0	Malignant neoplasm of connective and soft tissue of head, face and neck	Diagnosis	ICD-10-CM
C49.1	Malignant neoplasm of connective and soft tissue of upper limb, including shoulder	Diagnosis	ICD-10-CM
C49.10	Malignant neoplasm of connective and soft tissue of unspecified upper limb, including shoulder	Diagnosis	ICD-10-CM
C49.11	Malignant neoplasm of connective and soft tissue of right upper limb, including shoulder	Diagnosis	ICD-10-CM
C49.12	Malignant neoplasm of connective and soft tissue of left upper limb, including shoulder	Diagnosis	ICD-10-CM
C49.2	Malignant neoplasm of connective and soft tissue of lower limb, including hip	Diagnosis	ICD-10-CM
C49.20	Malignant neoplasm of connective and soft tissue of unspecified lower limb, including hip	Diagnosis	ICD-10-CM
C49.21	Malignant neoplasm of connective and soft tissue of right lower limb, including hip	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C49.22	Malignant neoplasm of connective and soft tissue of left lower limb, including hip	Diagnosis	ICD-10-CM
C49.3	Malignant neoplasm of connective and soft tissue of thorax	Diagnosis	ICD-10-CM
C49.4	Malignant neoplasm of connective and soft tissue of abdomen	Diagnosis	ICD-10-CM
C49.5	Malignant neoplasm of connective and soft tissue of pelvis	Diagnosis	ICD-10-CM
C49.6	Malignant neoplasm of connective and soft tissue of trunk, unspecified	Diagnosis	ICD-10-CM
C49.8	Malignant neoplasm of overlapping sites of connective and soft tissue	Diagnosis	ICD-10-CM
C49.9	Malignant neoplasm of connective and soft tissue, unspecified	Diagnosis	ICD-10-CM
C49.A	Gastrointestinal stromal tumor	Diagnosis	ICD-10-CM
C49.A0	Gastrointestinal stromal tumor, unspecified site	Diagnosis	ICD-10-CM
C49.A1	Gastrointestinal stromal tumor of esophagus	Diagnosis	ICD-10-CM
C49.A2	Gastrointestinal stromal tumor of stomach	Diagnosis	ICD-10-CM
C49.A3	Gastrointestinal stromal tumor of small intestine	Diagnosis	ICD-10-CM
C49.A4	Gastrointestinal stromal tumor of large intestine	Diagnosis	ICD-10-CM
C49.A5	Gastrointestinal stromal tumor of rectum	Diagnosis	ICD-10-CM
C49.A9	Gastrointestinal stromal tumor of other sites	Diagnosis	ICD-10-CM
C4A	Merkel cell carcinoma	Diagnosis	ICD-10-CM
C4A.0	Merkel cell carcinoma of lip	Diagnosis	ICD-10-CM
C4A.1	Merkel cell carcinoma of eyelid, including canthus	Diagnosis	ICD-10-CM
C4A.10	Merkel cell carcinoma of unspecified eyelid, including canthus	Diagnosis	ICD-10-CM
C4A.11	Merkel cell carcinoma of right eyelid, including canthus	Diagnosis	ICD-10-CM
C4A.111	Merkel cell carcinoma of right upper eyelid, including canthus	Diagnosis	ICD-10-CM
C4A.112	Merkel cell carcinoma of right lower eyelid, including canthus	Diagnosis	ICD-10-CM
C4A.12	Merkel cell carcinoma of left eyelid, including canthus	Diagnosis	ICD-10-CM
C4A.121	Merkel cell carcinoma of left upper eyelid, including canthus	Diagnosis	ICD-10-CM
C4A.122	Merkel cell carcinoma of left lower eyelid, including canthus	Diagnosis	ICD-10-CM
C4A.2	Merkel cell carcinoma of ear and external auricular canal	Diagnosis	ICD-10-CM
C4A.20	Merkel cell carcinoma of unspecified ear and external auricular canal	Diagnosis	ICD-10-CM
C4A.21	Merkel cell carcinoma of right ear and external auricular canal	Diagnosis	ICD-10-CM
C4A.22	Merkel cell carcinoma of left ear and external auricular canal	Diagnosis	ICD-10-CM
C4A.3	Merkel cell carcinoma of other and unspecified parts of face	Diagnosis	ICD-10-CM
C4A.30	Merkel cell carcinoma of unspecified part of face	Diagnosis	ICD-10-CM
C4A.31	Merkel cell carcinoma of nose	Diagnosis	ICD-10-CM
C4A.39	Merkel cell carcinoma of other parts of face	Diagnosis	ICD-10-CM
C4A.4	Merkel cell carcinoma of scalp and neck	Diagnosis	ICD-10-CM
C4A.5	Merkel cell carcinoma of trunk	Diagnosis	ICD-10-CM
C4A.51	Merkel cell carcinoma of anal skin	Diagnosis	ICD-10-CM
C4A.52	Merkel cell carcinoma of skin of breast	Diagnosis	ICD-10-CM
C4A.59	Merkel cell carcinoma of other part of trunk	Diagnosis	ICD-10-CM
C4A.6	Merkel cell carcinoma of upper limb, including shoulder	Diagnosis	ICD-10-CM
C4A.60	Merkel cell carcinoma of unspecified upper limb, including shoulder	Diagnosis	ICD-10-CM
C4A.61	Merkel cell carcinoma of right upper limb, including shoulder	Diagnosis	ICD-10-CM
C4A.62	Merkel cell carcinoma of left upper limb, including shoulder	Diagnosis	ICD-10-CM
C4A.7	Merkel cell carcinoma of lower limb, including hip	Diagnosis	ICD-10-CM
C4A.70	Merkel cell carcinoma of unspecified lower limb, including hip	Diagnosis	ICD-10-CM
C4A.71	Merkel cell carcinoma of right lower limb, including hip	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C4A.72	Merkel cell carcinoma of left lower limb, including hip	Diagnosis	ICD-10-CM
C4A.8	Merkel cell carcinoma of overlapping sites	Diagnosis	ICD-10-CM
C4A.9	Merkel cell carcinoma, unspecified	Diagnosis	ICD-10-CM
C50	Malignant neoplasm of breast	Diagnosis	ICD-10-CM
C50.0	Malignant neoplasm of nipple and areola	Diagnosis	ICD-10-CM
C50.01	Malignant neoplasm of nipple and areola, female	Diagnosis	ICD-10-CM
C50.011	Malignant neoplasm of nipple and areola, right female breast	Diagnosis	ICD-10-CM
C50.012	Malignant neoplasm of nipple and areola, left female breast	Diagnosis	ICD-10-CM
C50.019	Malignant neoplasm of nipple and areola, unspecified female breast	Diagnosis	ICD-10-CM
C50.02	Malignant neoplasm of nipple and areola, male	Diagnosis	ICD-10-CM
C50.021	Malignant neoplasm of nipple and areola, right male breast	Diagnosis	ICD-10-CM
C50.022	Malignant neoplasm of nipple and areola, left male breast	Diagnosis	ICD-10-CM
C50.029	Malignant neoplasm of nipple and areola, unspecified male breast	Diagnosis	ICD-10-CM
C50.1	Malignant neoplasm of central portion of breast	Diagnosis	ICD-10-CM
C50.11	Malignant neoplasm of central portion of breast, female	Diagnosis	ICD-10-CM
C50.111	Malignant neoplasm of central portion of right female breast	Diagnosis	ICD-10-CM
C50.112	Malignant neoplasm of central portion of left female breast	Diagnosis	ICD-10-CM
C50.119	Malignant neoplasm of central portion of unspecified female breast	Diagnosis	ICD-10-CM
C50.12	Malignant neoplasm of central portion of breast, male	Diagnosis	ICD-10-CM
C50.121	Malignant neoplasm of central portion of right male breast	Diagnosis	ICD-10-CM
C50.122	Malignant neoplasm of central portion of left male breast	Diagnosis	ICD-10-CM
C50.129	Malignant neoplasm of central portion of unspecified male breast	Diagnosis	ICD-10-CM
C50.2	Malignant neoplasm of upper-inner quadrant of breast	Diagnosis	ICD-10-CM
C50.21	Malignant neoplasm of upper-inner quadrant of breast, female	Diagnosis	ICD-10-CM
C50.211	Malignant neoplasm of upper-inner quadrant of right female breast	Diagnosis	ICD-10-CM
C50.212	Malignant neoplasm of upper-inner quadrant of left female breast	Diagnosis	ICD-10-CM
C50.219	Malignant neoplasm of upper-inner quadrant of unspecified female breast	Diagnosis	ICD-10-CM
C50.22	Malignant neoplasm of upper-inner quadrant of breast, male	Diagnosis	ICD-10-CM
C50.221	Malignant neoplasm of upper-inner quadrant of right male breast	Diagnosis	ICD-10-CM
C50.222	Malignant neoplasm of upper-inner quadrant of left male breast	Diagnosis	ICD-10-CM
C50.229	Malignant neoplasm of upper-inner quadrant of unspecified male breast	Diagnosis	ICD-10-CM
C50.3	Malignant neoplasm of lower-inner quadrant of breast	Diagnosis	ICD-10-CM
C50.31	Malignant neoplasm of lower-inner quadrant of breast, female	Diagnosis	ICD-10-CM
C50.311	Malignant neoplasm of lower-inner quadrant of right female breast	Diagnosis	ICD-10-CM
C50.312	Malignant neoplasm of lower-inner quadrant of left female breast	Diagnosis	ICD-10-CM
C50.319	Malignant neoplasm of lower-inner quadrant of unspecified female breast	Diagnosis	ICD-10-CM
C50.32	Malignant neoplasm of lower-inner quadrant of breast, male	Diagnosis	ICD-10-CM
C50.321	Malignant neoplasm of lower-inner quadrant of right male breast	Diagnosis	ICD-10-CM
C50.322	Malignant neoplasm of lower-inner quadrant of left male breast	Diagnosis	ICD-10-CM
C50.329	Malignant neoplasm of lower-inner quadrant of unspecified male breast	Diagnosis	ICD-10-CM
C50.4	Malignant neoplasm of upper-outer quadrant of breast	Diagnosis	ICD-10-CM
C50.41	Malignant neoplasm of upper-outer quadrant of breast, female	Diagnosis	ICD-10-CM
C50.411	Malignant neoplasm of upper-outer quadrant of right female breast	Diagnosis	ICD-10-CM
C50.412	Malignant neoplasm of upper-outer quadrant of left female breast	Diagnosis	ICD-10-CM
C50.419	Malignant neoplasm of upper-outer quadrant of unspecified female breast	Diagnosis	ICD-10-CM
C50.42	Malignant neoplasm of upper-outer quadrant of breast, male	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C50.421	Malignant neoplasm of upper-outer quadrant of right male breast	Diagnosis	ICD-10-CM
C50.422	Malignant neoplasm of upper-outer quadrant of left male breast	Diagnosis	ICD-10-CM
C50.429	Malignant neoplasm of upper-outer quadrant of unspecified male breast	Diagnosis	ICD-10-CM
C50.5	Malignant neoplasm of lower-outer quadrant of breast	Diagnosis	ICD-10-CM
C50.51	Malignant neoplasm of lower-outer quadrant of breast, female	Diagnosis	ICD-10-CM
C50.511	Malignant neoplasm of lower-outer quadrant of right female breast	Diagnosis	ICD-10-CM
C50.512	Malignant neoplasm of lower-outer quadrant of left female breast	Diagnosis	ICD-10-CM
C50.519	Malignant neoplasm of lower-outer quadrant of unspecified female breast	Diagnosis	ICD-10-CM
C50.52	Malignant neoplasm of lower-outer quadrant of breast, male	Diagnosis	ICD-10-CM
C50.521	Malignant neoplasm of lower-outer quadrant of right male breast	Diagnosis	ICD-10-CM
C50.522	Malignant neoplasm of lower-outer quadrant of left male breast	Diagnosis	ICD-10-CM
C50.529	Malignant neoplasm of lower-outer quadrant of unspecified male breast	Diagnosis	ICD-10-CM
C50.6	Malignant neoplasm of axillary tail of breast	Diagnosis	ICD-10-CM
C50.61	Malignant neoplasm of axillary tail of breast, female	Diagnosis	ICD-10-CM
C50.611	Malignant neoplasm of axillary tail of right female breast	Diagnosis	ICD-10-CM
C50.612	Malignant neoplasm of axillary tail of left female breast	Diagnosis	ICD-10-CM
C50.619	Malignant neoplasm of axillary tail of unspecified female breast	Diagnosis	ICD-10-CM
C50.62	Malignant neoplasm of axillary tail of breast, male	Diagnosis	ICD-10-CM
C50.621	Malignant neoplasm of axillary tail of right male breast	Diagnosis	ICD-10-CM
C50.622	Malignant neoplasm of axillary tail of left male breast	Diagnosis	ICD-10-CM
C50.629	Malignant neoplasm of axillary tail of unspecified male breast	Diagnosis	ICD-10-CM
C50.8	Malignant neoplasm of overlapping sites of breast	Diagnosis	ICD-10-CM
C50.81	Malignant neoplasm of overlapping sites of breast, female	Diagnosis	ICD-10-CM
C50.811	Malignant neoplasm of overlapping sites of right female breast	Diagnosis	ICD-10-CM
C50.812	Malignant neoplasm of overlapping sites of left female breast	Diagnosis	ICD-10-CM
C50.819	Malignant neoplasm of overlapping sites of unspecified female breast	Diagnosis	ICD-10-CM
C50.82	Malignant neoplasm of overlapping sites of breast, male	Diagnosis	ICD-10-CM
C50.821	Malignant neoplasm of overlapping sites of right male breast	Diagnosis	ICD-10-CM
C50.822	Malignant neoplasm of overlapping sites of left male breast	Diagnosis	ICD-10-CM
C50.829	Malignant neoplasm of overlapping sites of unspecified male breast	Diagnosis	ICD-10-CM
C50.9	Malignant neoplasm of breast of unspecified site	Diagnosis	ICD-10-CM
C50.91	Malignant neoplasm of breast of unspecified site, female	Diagnosis	ICD-10-CM
C50.911	Malignant neoplasm of unspecified site of right female breast	Diagnosis	ICD-10-CM
C50.912	Malignant neoplasm of unspecified site of left female breast	Diagnosis	ICD-10-CM
C50.919	Malignant neoplasm of unspecified site of unspecified female breast	Diagnosis	ICD-10-CM
C50.92	Malignant neoplasm of breast of unspecified site, male	Diagnosis	ICD-10-CM
C50.921	Malignant neoplasm of unspecified site of right male breast	Diagnosis	ICD-10-CM
C50.922	Malignant neoplasm of unspecified site of left male breast	Diagnosis	ICD-10-CM
C50.929	Malignant neoplasm of unspecified site of unspecified male breast	Diagnosis	ICD-10-CM
C51	Malignant neoplasm of vulva	Diagnosis	ICD-10-CM
C51.0	Malignant neoplasm of labium majus	Diagnosis	ICD-10-CM
C51.1	Malignant neoplasm of labium minus	Diagnosis	ICD-10-CM
C51.2	Malignant neoplasm of clitoris	Diagnosis	ICD-10-CM
C51.8	Malignant neoplasm of overlapping sites of vulva	Diagnosis	ICD-10-CM
C51.9	Malignant neoplasm of vulva, unspecified	Diagnosis	ICD-10-CM
C52	Malignant neoplasm of vagina	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C53	Malignant neoplasm of cervix uteri	Diagnosis	ICD-10-CM
C53.0	Malignant neoplasm of endocervix	Diagnosis	ICD-10-CM
C53.1	Malignant neoplasm of exocervix	Diagnosis	ICD-10-CM
C53.8	Malignant neoplasm of overlapping sites of cervix uteri	Diagnosis	ICD-10-CM
C53.9	Malignant neoplasm of cervix uteri, unspecified	Diagnosis	ICD-10-CM
C54	Malignant neoplasm of corpus uteri	Diagnosis	ICD-10-CM
C54.0	Malignant neoplasm of isthmus uteri	Diagnosis	ICD-10-CM
C54.1	Malignant neoplasm of endometrium	Diagnosis	ICD-10-CM
C54.2	Malignant neoplasm of myometrium	Diagnosis	ICD-10-CM
C54.3	Malignant neoplasm of fundus uteri	Diagnosis	ICD-10-CM
C54.8	Malignant neoplasm of overlapping sites of corpus uteri	Diagnosis	ICD-10-CM
C54.9	Malignant neoplasm of corpus uteri, unspecified	Diagnosis	ICD-10-CM
C55	Malignant neoplasm of uterus, part unspecified	Diagnosis	ICD-10-CM
C56	Malignant neoplasm of ovary	Diagnosis	ICD-10-CM
C56.1	Malignant neoplasm of right ovary	Diagnosis	ICD-10-CM
C56.2	Malignant neoplasm of left ovary	Diagnosis	ICD-10-CM
C56.9	Malignant neoplasm of unspecified ovary	Diagnosis	ICD-10-CM
C57	Malignant neoplasm of other and unspecified female genital organs	Diagnosis	ICD-10-CM
C57.0	Malignant neoplasm of fallopian tube	Diagnosis	ICD-10-CM
C57.00	Malignant neoplasm of unspecified fallopian tube	Diagnosis	ICD-10-CM
C57.01	Malignant neoplasm of right fallopian tube	Diagnosis	ICD-10-CM
C57.02	Malignant neoplasm of left fallopian tube	Diagnosis	ICD-10-CM
C57.1	Malignant neoplasm of broad ligament	Diagnosis	ICD-10-CM
C57.10	Malignant neoplasm of unspecified broad ligament	Diagnosis	ICD-10-CM
C57.11	Malignant neoplasm of right broad ligament	Diagnosis	ICD-10-CM
C57.12	Malignant neoplasm of left broad ligament	Diagnosis	ICD-10-CM
C57.2	Malignant neoplasm of round ligament	Diagnosis	ICD-10-CM
C57.20	Malignant neoplasm of unspecified round ligament	Diagnosis	ICD-10-CM
C57.21	Malignant neoplasm of right round ligament	Diagnosis	ICD-10-CM
C57.22	Malignant neoplasm of left round ligament	Diagnosis	ICD-10-CM
C57.3	Malignant neoplasm of parametrium	Diagnosis	ICD-10-CM
C57.4	Malignant neoplasm of uterine adnexa, unspecified	Diagnosis	ICD-10-CM
C57.7	Malignant neoplasm of other specified female genital organs	Diagnosis	ICD-10-CM
C57.8	Malignant neoplasm of overlapping sites of female genital organs	Diagnosis	ICD-10-CM
C57.9	Malignant neoplasm of female genital organ, unspecified	Diagnosis	ICD-10-CM
C58	Malignant neoplasm of placenta	Diagnosis	ICD-10-CM
C60	Malignant neoplasm of penis	Diagnosis	ICD-10-CM
C60.0	Malignant neoplasm of prepuce	Diagnosis	ICD-10-CM
C60.1	Malignant neoplasm of glans penis	Diagnosis	ICD-10-CM
C60.2	Malignant neoplasm of body of penis	Diagnosis	ICD-10-CM
C60.8	Malignant neoplasm of overlapping sites of penis	Diagnosis	ICD-10-CM
C60.9	Malignant neoplasm of penis, unspecified	Diagnosis	ICD-10-CM
C61	Malignant neoplasm of prostate	Diagnosis	ICD-10-CM
C62	Malignant neoplasm of testis	Diagnosis	ICD-10-CM
C62.0	Malignant neoplasm of undescended testis	Diagnosis	ICD-10-CM
C62.00	Malignant neoplasm of unspecified undescended testis	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C62.01	Malignant neoplasm of undescended right testis	Diagnosis	ICD-10-CM
C62.02	Malignant neoplasm of undescended left testis	Diagnosis	ICD-10-CM
C62.1	Malignant neoplasm of descended testis	Diagnosis	ICD-10-CM
C62.10	Malignant neoplasm of unspecified descended testis	Diagnosis	ICD-10-CM
C62.11	Malignant neoplasm of descended right testis	Diagnosis	ICD-10-CM
C62.12	Malignant neoplasm of descended left testis	Diagnosis	ICD-10-CM
C62.9	Malignant neoplasm of testis, unspecified whether descended or undescended	Diagnosis	ICD-10-CM
C62.90	Malignant neoplasm of unspecified testis, unspecified whether descended or undescended	Diagnosis	ICD-10-CM
C62.91	Malignant neoplasm of right testis, unspecified whether descended or undescended	Diagnosis	ICD-10-CM
C62.92	Malignant neoplasm of left testis, unspecified whether descended or undescended	Diagnosis	ICD-10-CM
C63	Malignant neoplasm of other and unspecified male genital organs	Diagnosis	ICD-10-CM
C63.0	Malignant neoplasm of epididymis	Diagnosis	ICD-10-CM
C63.00	Malignant neoplasm of unspecified epididymis	Diagnosis	ICD-10-CM
C63.01	Malignant neoplasm of right epididymis	Diagnosis	ICD-10-CM
C63.02	Malignant neoplasm of left epididymis	Diagnosis	ICD-10-CM
C63.1	Malignant neoplasm of spermatic cord	Diagnosis	ICD-10-CM
C63.10	Malignant neoplasm of unspecified spermatic cord	Diagnosis	ICD-10-CM
C63.11	Malignant neoplasm of right spermatic cord	Diagnosis	ICD-10-CM
C63.12	Malignant neoplasm of left spermatic cord	Diagnosis	ICD-10-CM
C63.2	Malignant neoplasm of scrotum	Diagnosis	ICD-10-CM
C63.7	Malignant neoplasm of other specified male genital organs	Diagnosis	ICD-10-CM
C63.8	Malignant neoplasm of overlapping sites of male genital organs	Diagnosis	ICD-10-CM
C63.9	Malignant neoplasm of male genital organ, unspecified	Diagnosis	ICD-10-CM
C64	Malignant neoplasm of kidney, except renal pelvis	Diagnosis	ICD-10-CM
C64.1	Malignant neoplasm of right kidney, except renal pelvis	Diagnosis	ICD-10-CM
C64.2	Malignant neoplasm of left kidney, except renal pelvis	Diagnosis	ICD-10-CM
C64.9	Malignant neoplasm of unspecified kidney, except renal pelvis	Diagnosis	ICD-10-CM
C65	Malignant neoplasm of renal pelvis	Diagnosis	ICD-10-CM
C65.1	Malignant neoplasm of right renal pelvis	Diagnosis	ICD-10-CM
C65.2	Malignant neoplasm of left renal pelvis	Diagnosis	ICD-10-CM
C65.9	Malignant neoplasm of unspecified renal pelvis	Diagnosis	ICD-10-CM
C66	Malignant neoplasm of ureter	Diagnosis	ICD-10-CM
C66.1	Malignant neoplasm of right ureter	Diagnosis	ICD-10-CM
C66.2	Malignant neoplasm of left ureter	Diagnosis	ICD-10-CM
C66.9	Malignant neoplasm of unspecified ureter	Diagnosis	ICD-10-CM
C67	Malignant neoplasm of bladder	Diagnosis	ICD-10-CM
C67.0	Malignant neoplasm of trigone of bladder	Diagnosis	ICD-10-CM
C67.1	Malignant neoplasm of dome of bladder	Diagnosis	ICD-10-CM
C67.2	Malignant neoplasm of lateral wall of bladder	Diagnosis	ICD-10-CM
C67.3	Malignant neoplasm of anterior wall of bladder	Diagnosis	ICD-10-CM
C67.4	Malignant neoplasm of posterior wall of bladder	Diagnosis	ICD-10-CM
C67.5	Malignant neoplasm of bladder neck	Diagnosis	ICD-10-CM
C67.6	Malignant neoplasm of ureteric orifice	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
C67.7	Malignant neoplasm of urachus	Diagnosis	ICD-10-CM
C67.8	Malignant neoplasm of overlapping sites of bladder	Diagnosis	ICD-10-CM
C67.9	Malignant neoplasm of bladder, unspecified	Diagnosis	ICD-10-CM
C68	Malignant neoplasm of other and unspecified urinary organs	Diagnosis	ICD-10-CM
C68.0	Malignant neoplasm of urethra	Diagnosis	ICD-10-CM
C68.1	Malignant neoplasm of paraurethral glands	Diagnosis	ICD-10-CM
C68.8	Malignant neoplasm of overlapping sites of urinary organs	Diagnosis	ICD-10-CM
C68.9	Malignant neoplasm of urinary organ, unspecified	Diagnosis	ICD-10-CM
C69	Malignant neoplasm of eye and adnexa	Diagnosis	ICD-10-CM
C69.0	Malignant neoplasm of conjunctiva	Diagnosis	ICD-10-CM
C69.00	Malignant neoplasm of unspecified conjunctiva	Diagnosis	ICD-10-CM
C69.01	Malignant neoplasm of right conjunctiva	Diagnosis	ICD-10-CM
C69.02	Malignant neoplasm of left conjunctiva	Diagnosis	ICD-10-CM
C69.1	Malignant neoplasm of cornea	Diagnosis	ICD-10-CM
C69.10	Malignant neoplasm of unspecified cornea	Diagnosis	ICD-10-CM
C69.11	Malignant neoplasm of right cornea	Diagnosis	ICD-10-CM
C69.12	Malignant neoplasm of left cornea	Diagnosis	ICD-10-CM
C69.2	Malignant neoplasm of retina	Diagnosis	ICD-10-CM
C69.20	Malignant neoplasm of unspecified retina	Diagnosis	ICD-10-CM
C69.21	Malignant neoplasm of right retina	Diagnosis	ICD-10-CM
C69.22	Malignant neoplasm of left retina	Diagnosis	ICD-10-CM
C69.3	Malignant neoplasm of choroid	Diagnosis	ICD-10-CM
C69.30	Malignant neoplasm of unspecified choroid	Diagnosis	ICD-10-CM
C69.31	Malignant neoplasm of right choroid	Diagnosis	ICD-10-CM
C69.32	Malignant neoplasm of left choroid	Diagnosis	ICD-10-CM
C69.4	Malignant neoplasm of ciliary body	Diagnosis	ICD-10-CM
C69.40	Malignant neoplasm of unspecified ciliary body	Diagnosis	ICD-10-CM
C69.41	Malignant neoplasm of right ciliary body	Diagnosis	ICD-10-CM
C69.42	Malignant neoplasm of left ciliary body	Diagnosis	ICD-10-CM
C69.5	Malignant neoplasm of lacrimal gland and duct	Diagnosis	ICD-10-CM
C69.50	Malignant neoplasm of unspecified lacrimal gland and duct	Diagnosis	ICD-10-CM
C69.51	Malignant neoplasm of right lacrimal gland and duct	Diagnosis	ICD-10-CM
C69.52	Malignant neoplasm of left lacrimal gland and duct	Diagnosis	ICD-10-CM
C69.6	Malignant neoplasm of orbit	Diagnosis	ICD-10-CM
C69.60	Malignant neoplasm of unspecified orbit	Diagnosis	ICD-10-CM
C69.61	Malignant neoplasm of right orbit	Diagnosis	ICD-10-CM
C69.62	Malignant neoplasm of left orbit	Diagnosis	ICD-10-CM
C69.8	Malignant neoplasm of overlapping sites of eye and adnexa	Diagnosis	ICD-10-CM
C69.80	Malignant neoplasm of overlapping sites of unspecified eye and adnexa	Diagnosis	ICD-10-CM
C69.81	Malignant neoplasm of overlapping sites of right eye and adnexa	Diagnosis	ICD-10-CM
C69.82	Malignant neoplasm of overlapping sites of left eye and adnexa	Diagnosis	ICD-10-CM
C69.9	Malignant neoplasm of unspecified site of eye	Diagnosis	ICD-10-CM
C69.90	Malignant neoplasm of unspecified site of unspecified eye	Diagnosis	ICD-10-CM
C69.91	Malignant neoplasm of unspecified site of right eye	Diagnosis	ICD-10-CM
C69.92	Malignant neoplasm of unspecified site of left eye	Diagnosis	ICD-10-CM
C70	Malignant neoplasm of meninges	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C70.0	Malignant neoplasm of cerebral meninges	Diagnosis	ICD-10-CM
C70.1	Malignant neoplasm of spinal meninges	Diagnosis	ICD-10-CM
C70.9	Malignant neoplasm of meninges, unspecified	Diagnosis	ICD-10-CM
C71	Malignant neoplasm of brain	Diagnosis	ICD-10-CM
C71.0	Malignant neoplasm of cerebrum, except lobes and ventricles	Diagnosis	ICD-10-CM
C71.1	Malignant neoplasm of frontal lobe	Diagnosis	ICD-10-CM
C71.2	Malignant neoplasm of temporal lobe	Diagnosis	ICD-10-CM
C71.3	Malignant neoplasm of parietal lobe	Diagnosis	ICD-10-CM
C71.4	Malignant neoplasm of occipital lobe	Diagnosis	ICD-10-CM
C71.5	Malignant neoplasm of cerebral ventricle	Diagnosis	ICD-10-CM
C71.6	Malignant neoplasm of cerebellum	Diagnosis	ICD-10-CM
C71.7	Malignant neoplasm of brain stem	Diagnosis	ICD-10-CM
C71.8	Malignant neoplasm of overlapping sites of brain	Diagnosis	ICD-10-CM
C71.9	Malignant neoplasm of brain, unspecified	Diagnosis	ICD-10-CM
C72	Malignant neoplasm of spinal cord, cranial nerves and other parts of central nervous system	Diagnosis	ICD-10-CM
C72.0	Malignant neoplasm of spinal cord	Diagnosis	ICD-10-CM
C72.1	Malignant neoplasm of cauda equina	Diagnosis	ICD-10-CM
C72.2	Malignant neoplasm of olfactory nerve	Diagnosis	ICD-10-CM
C72.20	Malignant neoplasm of unspecified olfactory nerve	Diagnosis	ICD-10-CM
C72.21	Malignant neoplasm of right olfactory nerve	Diagnosis	ICD-10-CM
C72.22	Malignant neoplasm of left olfactory nerve	Diagnosis	ICD-10-CM
C72.3	Malignant neoplasm of optic nerve	Diagnosis	ICD-10-CM
C72.30	Malignant neoplasm of unspecified optic nerve	Diagnosis	ICD-10-CM
C72.31	Malignant neoplasm of right optic nerve	Diagnosis	ICD-10-CM
C72.32	Malignant neoplasm of left optic nerve	Diagnosis	ICD-10-CM
C72.4	Malignant neoplasm of acoustic nerve	Diagnosis	ICD-10-CM
C72.40	Malignant neoplasm of unspecified acoustic nerve	Diagnosis	ICD-10-CM
C72.41	Malignant neoplasm of right acoustic nerve	Diagnosis	ICD-10-CM
C72.42	Malignant neoplasm of left acoustic nerve	Diagnosis	ICD-10-CM
C72.5	Malignant neoplasm of other and unspecified cranial nerves	Diagnosis	ICD-10-CM
C72.50	Malignant neoplasm of unspecified cranial nerve	Diagnosis	ICD-10-CM
C72.59	Malignant neoplasm of other cranial nerves	Diagnosis	ICD-10-CM
C72.9	Malignant neoplasm of central nervous system, unspecified	Diagnosis	ICD-10-CM
C73	Malignant neoplasm of thyroid gland	Diagnosis	ICD-10-CM
C74	Malignant neoplasm of adrenal gland	Diagnosis	ICD-10-CM
C74.0	Malignant neoplasm of cortex of adrenal gland	Diagnosis	ICD-10-CM
C74.00	Malignant neoplasm of cortex of unspecified adrenal gland	Diagnosis	ICD-10-CM
C74.01	Malignant neoplasm of cortex of right adrenal gland	Diagnosis	ICD-10-CM
C74.02	Malignant neoplasm of cortex of left adrenal gland	Diagnosis	ICD-10-CM
C74.1	Malignant neoplasm of medulla of adrenal gland	Diagnosis	ICD-10-CM
C74.10	Malignant neoplasm of medulla of unspecified adrenal gland	Diagnosis	ICD-10-CM
C74.11	Malignant neoplasm of medulla of right adrenal gland	Diagnosis	ICD-10-CM
C74.12	Malignant neoplasm of medulla of left adrenal gland	Diagnosis	ICD-10-CM
C74.9	Malignant neoplasm of unspecified part of adrenal gland	Diagnosis	ICD-10-CM
C74.90	Malignant neoplasm of unspecified part of unspecified adrenal gland	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C74.91	Malignant neoplasm of unspecified part of right adrenal gland	Diagnosis	ICD-10-CM
C74.92	Malignant neoplasm of unspecified part of left adrenal gland	Diagnosis	ICD-10-CM
C75	Malignant neoplasm of other endocrine glands and related structures	Diagnosis	ICD-10-CM
C75.0	Malignant neoplasm of parathyroid gland	Diagnosis	ICD-10-CM
C75.1	Malignant neoplasm of pituitary gland	Diagnosis	ICD-10-CM
C75.2	Malignant neoplasm of craniopharyngeal duct	Diagnosis	ICD-10-CM
C75.3	Malignant neoplasm of pineal gland	Diagnosis	ICD-10-CM
C75.4	Malignant neoplasm of carotid body	Diagnosis	ICD-10-CM
C75.5	Malignant neoplasm of aortic body and other paraganglia	Diagnosis	ICD-10-CM
C75.8	Malignant neoplasm with pluriglandular involvement, unspecified	Diagnosis	ICD-10-CM
C75.9	Malignant neoplasm of endocrine gland, unspecified	Diagnosis	ICD-10-CM
C76	Malignant neoplasm of other and ill-defined sites	Diagnosis	ICD-10-CM
C76.0	Malignant neoplasm of head, face and neck	Diagnosis	ICD-10-CM
C76.1	Malignant neoplasm of thorax	Diagnosis	ICD-10-CM
C76.2	Malignant neoplasm of abdomen	Diagnosis	ICD-10-CM
C76.3	Malignant neoplasm of pelvis	Diagnosis	ICD-10-CM
C76.4	Malignant neoplasm of upper limb	Diagnosis	ICD-10-CM
C76.40	Malignant neoplasm of unspecified upper limb	Diagnosis	ICD-10-CM
C76.41	Malignant neoplasm of right upper limb	Diagnosis	ICD-10-CM
C76.42	Malignant neoplasm of left upper limb	Diagnosis	ICD-10-CM
C76.5	Malignant neoplasm of lower limb	Diagnosis	ICD-10-CM
C76.50	Malignant neoplasm of unspecified lower limb	Diagnosis	ICD-10-CM
C76.51	Malignant neoplasm of right lower limb	Diagnosis	ICD-10-CM
C76.52	Malignant neoplasm of left lower limb	Diagnosis	ICD-10-CM
C76.8	Malignant neoplasm of other specified ill-defined sites	Diagnosis	ICD-10-CM
C77	Secondary and unspecified malignant neoplasm of lymph nodes	Diagnosis	ICD-10-CM
C77.0	Secondary and unspecified malignant neoplasm of lymph nodes of head, face and neck	Diagnosis	ICD-10-CM
C77.1	Secondary and unspecified malignant neoplasm of intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C77.2	Secondary and unspecified malignant neoplasm of intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C77.3	Secondary and unspecified malignant neoplasm of axilla and upper limb lymph nodes	Diagnosis	ICD-10-CM
C77.4	Secondary and unspecified malignant neoplasm of inguinal and lower limb lymph nodes	Diagnosis	ICD-10-CM
C77.5	Secondary and unspecified malignant neoplasm of intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C77.8	Secondary and unspecified malignant neoplasm of lymph nodes of multiple regions	Diagnosis	ICD-10-CM
C77.9	Secondary and unspecified malignant neoplasm of lymph node, unspecified	Diagnosis	ICD-10-CM
C78	Secondary malignant neoplasm of respiratory and digestive organs	Diagnosis	ICD-10-CM
C78.0	Secondary malignant neoplasm of lung	Diagnosis	ICD-10-CM
C78.00	Secondary malignant neoplasm of unspecified lung	Diagnosis	ICD-10-CM
C78.01	Secondary malignant neoplasm of right lung	Diagnosis	ICD-10-CM
C78.02	Secondary malignant neoplasm of left lung	Diagnosis	ICD-10-CM
C78.1	Secondary malignant neoplasm of mediastinum	Diagnosis	ICD-10-CM
C78.2	Secondary malignant neoplasm of pleura	Diagnosis	ICD-10-CM
C78.3	Secondary malignant neoplasm of other and unspecified respiratory organs	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
C78.30	Secondary malignant neoplasm of unspecified respiratory organ	Diagnosis	ICD-10-CM
C78.39	Secondary malignant neoplasm of other respiratory organs	Diagnosis	ICD-10-CM
C78.4	Secondary malignant neoplasm of small intestine	Diagnosis	ICD-10-CM
C78.5	Secondary malignant neoplasm of large intestine and rectum	Diagnosis	ICD-10-CM
C78.6	Secondary malignant neoplasm of retroperitoneum and peritoneum	Diagnosis	ICD-10-CM
C78.7	Secondary malignant neoplasm of liver and intrahepatic bile duct	Diagnosis	ICD-10-CM
C78.8	Secondary malignant neoplasm of other and unspecified digestive organs	Diagnosis	ICD-10-CM
C78.80	Secondary malignant neoplasm of unspecified digestive organ	Diagnosis	ICD-10-CM
C78.89	Secondary malignant neoplasm of other digestive organs	Diagnosis	ICD-10-CM
C79	Secondary malignant neoplasm of other and unspecified sites	Diagnosis	ICD-10-CM
C79.0	Secondary malignant neoplasm of kidney and renal pelvis	Diagnosis	ICD-10-CM
C79.00	Secondary malignant neoplasm of unspecified kidney and renal pelvis	Diagnosis	ICD-10-CM
C79.01	Secondary malignant neoplasm of right kidney and renal pelvis	Diagnosis	ICD-10-CM
C79.02	Secondary malignant neoplasm of left kidney and renal pelvis	Diagnosis	ICD-10-CM
C79.1	Secondary malignant neoplasm of bladder and other and unspecified urinary organs	Diagnosis	ICD-10-CM
C79.10	Secondary malignant neoplasm of unspecified urinary organs	Diagnosis	ICD-10-CM
C79.11	Secondary malignant neoplasm of bladder	Diagnosis	ICD-10-CM
C79.19	Secondary malignant neoplasm of other urinary organs	Diagnosis	ICD-10-CM
C79.2	Secondary malignant neoplasm of skin	Diagnosis	ICD-10-CM
C79.3	Secondary malignant neoplasm of brain and cerebral meninges	Diagnosis	ICD-10-CM
C79.31	Secondary malignant neoplasm of brain	Diagnosis	ICD-10-CM
C79.32	Secondary malignant neoplasm of cerebral meninges	Diagnosis	ICD-10-CM
C79.4	Secondary malignant neoplasm of other and unspecified parts of nervous system	Diagnosis	ICD-10-CM
C79.40	Secondary malignant neoplasm of unspecified part of nervous system	Diagnosis	ICD-10-CM
C79.49	Secondary malignant neoplasm of other parts of nervous system	Diagnosis	ICD-10-CM
C79.5	Secondary malignant neoplasm of bone and bone marrow	Diagnosis	ICD-10-CM
C79.51	Secondary malignant neoplasm of bone	Diagnosis	ICD-10-CM
C79.52	Secondary malignant neoplasm of bone marrow	Diagnosis	ICD-10-CM
C79.6	Secondary malignant neoplasm of ovary	Diagnosis	ICD-10-CM
C79.60	Secondary malignant neoplasm of unspecified ovary	Diagnosis	ICD-10-CM
C79.61	Secondary malignant neoplasm of right ovary	Diagnosis	ICD-10-CM
C79.62	Secondary malignant neoplasm of left ovary	Diagnosis	ICD-10-CM
C79.7	Secondary malignant neoplasm of adrenal gland	Diagnosis	ICD-10-CM
C79.70	Secondary malignant neoplasm of unspecified adrenal gland	Diagnosis	ICD-10-CM
C79.71	Secondary malignant neoplasm of right adrenal gland	Diagnosis	ICD-10-CM
C79.72	Secondary malignant neoplasm of left adrenal gland	Diagnosis	ICD-10-CM
C79.8	Secondary malignant neoplasm of other specified sites	Diagnosis	ICD-10-CM
C79.81	Secondary malignant neoplasm of breast	Diagnosis	ICD-10-CM
C79.82	Secondary malignant neoplasm of genital organs	Diagnosis	ICD-10-CM
C79.89	Secondary malignant neoplasm of other specified sites	Diagnosis	ICD-10-CM
C79.9	Secondary malignant neoplasm of unspecified site	Diagnosis	ICD-10-CM
C7A	Malignant neuroendocrine tumors	Diagnosis	ICD-10-CM
C7A.0	Malignant carcinoid tumors	Diagnosis	ICD-10-CM
C7A.00	Malignant carcinoid tumor of unspecified site	Diagnosis	ICD-10-CM
C7A.01	Malignant carcinoid tumors of the small intestine	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C7A.010	Malignant carcinoid tumor of the duodenum	Diagnosis	ICD-10-CM
C7A.011	Malignant carcinoid tumor of the jejunum	Diagnosis	ICD-10-CM
C7A.012	Malignant carcinoid tumor of the ileum	Diagnosis	ICD-10-CM
C7A.019	Malignant carcinoid tumor of the small intestine, unspecified portion	Diagnosis	ICD-10-CM
C7A.02	Malignant carcinoid tumors of the appendix, large intestine, and rectum	Diagnosis	ICD-10-CM
C7A.020	Malignant carcinoid tumor of the appendix	Diagnosis	ICD-10-CM
C7A.021	Malignant carcinoid tumor of the cecum	Diagnosis	ICD-10-CM
C7A.022	Malignant carcinoid tumor of the ascending colon	Diagnosis	ICD-10-CM
C7A.023	Malignant carcinoid tumor of the transverse colon	Diagnosis	ICD-10-CM
C7A.024	Malignant carcinoid tumor of the descending colon	Diagnosis	ICD-10-CM
C7A.025	Malignant carcinoid tumor of the sigmoid colon	Diagnosis	ICD-10-CM
C7A.026	Malignant carcinoid tumor of the rectum	Diagnosis	ICD-10-CM
C7A.029	Malignant carcinoid tumor of the large intestine, unspecified portion	Diagnosis	ICD-10-CM
C7A.09	Malignant carcinoid tumors of other sites	Diagnosis	ICD-10-CM
C7A.090	Malignant carcinoid tumor of the bronchus and lung	Diagnosis	ICD-10-CM
C7A.091	Malignant carcinoid tumor of the thymus	Diagnosis	ICD-10-CM
C7A.092	Malignant carcinoid tumor of the stomach	Diagnosis	ICD-10-CM
C7A.093	Malignant carcinoid tumor of the kidney	Diagnosis	ICD-10-CM
C7A.094	Malignant carcinoid tumor of the foregut, unspecified	Diagnosis	ICD-10-CM
C7A.095	Malignant carcinoid tumor of the midgut, unspecified	Diagnosis	ICD-10-CM
C7A.096	Malignant carcinoid tumor of the hindgut, unspecified	Diagnosis	ICD-10-CM
C7A.098	Malignant carcinoid tumors of other sites	Diagnosis	ICD-10-CM
C7A.1	Malignant poorly differentiated neuroendocrine tumors	Diagnosis	ICD-10-CM
C7A.8	Other malignant neuroendocrine tumors	Diagnosis	ICD-10-CM
C7B	Secondary neuroendocrine tumors	Diagnosis	ICD-10-CM
C7B.0	Secondary carcinoid tumors	Diagnosis	ICD-10-CM
C7B.00	Secondary carcinoid tumors, unspecified site	Diagnosis	ICD-10-CM
C7B.01	Secondary carcinoid tumors of distant lymph nodes	Diagnosis	ICD-10-CM
C7B.02	Secondary carcinoid tumors of liver	Diagnosis	ICD-10-CM
C7B.03	Secondary carcinoid tumors of bone	Diagnosis	ICD-10-CM
C7B.04	Secondary carcinoid tumors of peritoneum	Diagnosis	ICD-10-CM
C7B.09	Secondary carcinoid tumors of other sites	Diagnosis	ICD-10-CM
C7B.1	Secondary Merkel cell carcinoma	Diagnosis	ICD-10-CM
C7B.8	Other secondary neuroendocrine tumors	Diagnosis	ICD-10-CM
C80	Malignant neoplasm without specification of site	Diagnosis	ICD-10-CM
C80.0	Disseminated malignant neoplasm, unspecified	Diagnosis	ICD-10-CM
C80.1	Malignant (primary) neoplasm, unspecified	Diagnosis	ICD-10-CM
C80.2	Malignant neoplasm associated with transplanted organ	Diagnosis	ICD-10-CM
C81	Hodgkin lymphoma	Diagnosis	ICD-10-CM
C81.0	Nodular lymphocyte predominant Hodgkin lymphoma	Diagnosis	ICD-10-CM
C81.00	Nodular lymphocyte predominant Hodgkin lymphoma, unspecified site	Diagnosis	ICD-10-CM
C81.01	Nodular lymphocyte predominant Hodgkin lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C81.02	Nodular lymphocyte predominant Hodgkin lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C81.03	Nodular lymphocyte predominant Hodgkin lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C81.04	Nodular lymphocyte predominant Hodgkin lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C81.05	Nodular lymphocyte predominant Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C81.06	Nodular lymphocyte predominant Hodgkin lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C81.07	Nodular lymphocyte predominant Hodgkin lymphoma, spleen	Diagnosis	ICD-10-CM
C81.08	Nodular lymphocyte predominant Hodgkin lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C81.09	Nodular lymphocyte predominant Hodgkin lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C81.1	Nodular sclerosis Hodgkin lymphoma	Diagnosis	ICD-10-CM
C81.10	Nodular sclerosis Hodgkin lymphoma, unspecified site	Diagnosis	ICD-10-CM
C81.11	Nodular sclerosis Hodgkin lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C81.12	Nodular sclerosis Hodgkin lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C81.13	Nodular sclerosis Hodgkin lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C81.14	Nodular sclerosis Hodgkin lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C81.15	Nodular sclerosis Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C81.16	Nodular sclerosis Hodgkin lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C81.17	Nodular sclerosis Hodgkin lymphoma, spleen	Diagnosis	ICD-10-CM
C81.18	Nodular sclerosis Hodgkin lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C81.19	Nodular sclerosis Hodgkin lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C81.2	Mixed cellularity Hodgkin lymphoma	Diagnosis	ICD-10-CM
C81.20	Mixed cellularity Hodgkin lymphoma, unspecified site	Diagnosis	ICD-10-CM
C81.21	Mixed cellularity Hodgkin lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C81.22	Mixed cellularity Hodgkin lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C81.23	Mixed cellularity Hodgkin lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C81.24	Mixed cellularity Hodgkin lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C81.25	Mixed cellularity Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C81.26	Mixed cellularity Hodgkin lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C81.27	Mixed cellularity Hodgkin lymphoma, spleen	Diagnosis	ICD-10-CM
C81.28	Mixed cellularity Hodgkin lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C81.29	Mixed cellularity Hodgkin lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C81.3	Lymphocyte depleted Hodgkin lymphoma	Diagnosis	ICD-10-CM
C81.30	Lymphocyte depleted Hodgkin lymphoma, unspecified site	Diagnosis	ICD-10-CM
C81.31	Lymphocyte depleted Hodgkin lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C81.32	Lymphocyte depleted Hodgkin lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C81.33	Lymphocyte depleted Hodgkin lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C81.34	Lymphocyte depleted Hodgkin lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C81.35	Lymphocyte depleted Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C81.36	Lymphocyte depleted Hodgkin lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C81.37	Lymphocyte depleted Hodgkin lymphoma, spleen	Diagnosis	ICD-10-CM
C81.38	Lymphocyte depleted Hodgkin lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C81.39	Lymphocyte depleted Hodgkin lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C81.4	Lymphocyte-rich Hodgkin lymphoma	Diagnosis	ICD-10-CM
C81.40	Lymphocyte-rich Hodgkin lymphoma, unspecified site	Diagnosis	ICD-10-CM
C81.41	Lymphocyte-rich Hodgkin lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C81.42	Lymphocyte-rich Hodgkin lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C81.43	Lymphocyte-rich Hodgkin lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C81.44	Lymphocyte-rich Hodgkin lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C81.45	Lymphocyte-rich Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C81.46	Lymphocyte-rich Hodgkin lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C81.47	Lymphocyte-rich Hodgkin lymphoma, spleen	Diagnosis	ICD-10-CM
C81.48	Lymphocyte-rich Hodgkin lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C81.49	Lymphocyte-rich Hodgkin lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C81.7	Other Hodgkin lymphoma	Diagnosis	ICD-10-CM
C81.70	Other Hodgkin lymphoma, unspecified site	Diagnosis	ICD-10-CM
C81.71	Other Hodgkin lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C81.72	Other Hodgkin lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C81.73	Other Hodgkin lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C81.74	Other Hodgkin lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C81.75	Other Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C81.76	Other Hodgkin lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C81.77	Other Hodgkin lymphoma, spleen	Diagnosis	ICD-10-CM
C81.78	Other Hodgkin lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C81.79	Other Hodgkin lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C81.9	Hodgkin lymphoma, unspecified	Diagnosis	ICD-10-CM
C81.90	Hodgkin lymphoma, unspecified, unspecified site	Diagnosis	ICD-10-CM
C81.91	Hodgkin lymphoma, unspecified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C81.92	Hodgkin lymphoma, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C81.93	Hodgkin lymphoma, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C81.94	Hodgkin lymphoma, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C81.95	Hodgkin lymphoma, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C81.96	Hodgkin lymphoma, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C81.97	Hodgkin lymphoma, unspecified, spleen	Diagnosis	ICD-10-CM
C81.98	Hodgkin lymphoma, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C81.99	Hodgkin lymphoma, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82	Follicular lymphoma	Diagnosis	ICD-10-CM
C82.0	Follicular lymphoma grade I	Diagnosis	ICD-10-CM
C82.00	Follicular lymphoma grade I, unspecified site	Diagnosis	ICD-10-CM
C82.01	Follicular lymphoma grade I, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.02	Follicular lymphoma grade I, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.03	Follicular lymphoma grade I, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.04	Follicular lymphoma grade I, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.05	Follicular lymphoma grade I, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.06	Follicular lymphoma grade I, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.07	Follicular lymphoma grade I, spleen	Diagnosis	ICD-10-CM
C82.08	Follicular lymphoma grade I, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.09	Follicular lymphoma grade I, extranodal and solid organ sites	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
C82.1	Follicular lymphoma grade II	Diagnosis	ICD-10-CM
C82.10	Follicular lymphoma grade II, unspecified site	Diagnosis	ICD-10-CM
C82.11	Follicular lymphoma grade II, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.12	Follicular lymphoma grade II, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.13	Follicular lymphoma grade II, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.14	Follicular lymphoma grade II, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.15	Follicular lymphoma grade II, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.16	Follicular lymphoma grade II, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.17	Follicular lymphoma grade II, spleen	Diagnosis	ICD-10-CM
C82.18	Follicular lymphoma grade II, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.19	Follicular lymphoma grade II, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.2	Follicular lymphoma grade III, unspecified	Diagnosis	ICD-10-CM
C82.20	Follicular lymphoma grade III, unspecified, unspecified site	Diagnosis	ICD-10-CM
C82.21	Follicular lymphoma grade III, unspecified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.22	Follicular lymphoma grade III, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.23	Follicular lymphoma grade III, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.24	Follicular lymphoma grade III, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.25	Follicular lymphoma grade III, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.26	Follicular lymphoma grade III, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.27	Follicular lymphoma grade III, unspecified, spleen	Diagnosis	ICD-10-CM
C82.28	Follicular lymphoma grade III, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.29	Follicular lymphoma grade III, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.3	Follicular lymphoma grade IIIa	Diagnosis	ICD-10-CM
C82.30	Follicular lymphoma grade IIIa, unspecified site	Diagnosis	ICD-10-CM
C82.31	Follicular lymphoma grade IIIa, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.32	Follicular lymphoma grade IIIa, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.33	Follicular lymphoma grade IIIa, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.34	Follicular lymphoma grade IIIa, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.35	Follicular lymphoma grade IIIa, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.36	Follicular lymphoma grade IIIa, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.37	Follicular lymphoma grade IIIa, spleen	Diagnosis	ICD-10-CM
C82.38	Follicular lymphoma grade IIIa, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.39	Follicular lymphoma grade IIIa, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.4	Follicular lymphoma grade IIIb	Diagnosis	ICD-10-CM
C82.40	Follicular lymphoma grade IIIb, unspecified site	Diagnosis	ICD-10-CM
C82.41	Follicular lymphoma grade IIIb, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.42	Follicular lymphoma grade IIIb, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.43	Follicular lymphoma grade IIIb, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.44	Follicular lymphoma grade IIIb, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.45	Follicular lymphoma grade IIIb, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.46	Follicular lymphoma grade IIIb, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.47	Follicular lymphoma grade IIIb, spleen	Diagnosis	ICD-10-CM
C82.48	Follicular lymphoma grade IIIb, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.49	Follicular lymphoma grade IIIb, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.5	Diffuse follicle center lymphoma	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C82.50	Diffuse follicle center lymphoma, unspecified site	Diagnosis	ICD-10-CM
C82.51	Diffuse follicle center lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.52	Diffuse follicle center lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.53	Diffuse follicle center lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.54	Diffuse follicle center lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.55	Diffuse follicle center lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.56	Diffuse follicle center lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.57	Diffuse follicle center lymphoma, spleen	Diagnosis	ICD-10-CM
C82.58	Diffuse follicle center lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.59	Diffuse follicle center lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.6	Cutaneous follicle center lymphoma	Diagnosis	ICD-10-CM
C82.60	Cutaneous follicle center lymphoma, unspecified site	Diagnosis	ICD-10-CM
C82.61	Cutaneous follicle center lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.62	Cutaneous follicle center lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.63	Cutaneous follicle center lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.64	Cutaneous follicle center lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.65	Cutaneous follicle center lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.66	Cutaneous follicle center lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.67	Cutaneous follicle center lymphoma, spleen	Diagnosis	ICD-10-CM
C82.68	Cutaneous follicle center lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.69	Cutaneous follicle center lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.8	Other types of follicular lymphoma	Diagnosis	ICD-10-CM
C82.80	Other types of follicular lymphoma, unspecified site	Diagnosis	ICD-10-CM
C82.81	Other types of follicular lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.82	Other types of follicular lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.83	Other types of follicular lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.84	Other types of follicular lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.85	Other types of follicular lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.86	Other types of follicular lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.87	Other types of follicular lymphoma, spleen	Diagnosis	ICD-10-CM
C82.88	Other types of follicular lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.89	Other types of follicular lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.9	Follicular lymphoma, unspecified	Diagnosis	ICD-10-CM
C82.90	Follicular lymphoma, unspecified, unspecified site	Diagnosis	ICD-10-CM
C82.91	Follicular lymphoma, unspecified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.92	Follicular lymphoma, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.93	Follicular lymphoma, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.94	Follicular lymphoma, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.95	Follicular lymphoma, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.96	Follicular lymphoma, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.97	Follicular lymphoma, unspecified, spleen	Diagnosis	ICD-10-CM
C82.98	Follicular lymphoma, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.99	Follicular lymphoma, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C83	Non-follicular lymphoma	Diagnosis	ICD-10-CM
C83.0	Small cell B-cell lymphoma	Diagnosis	ICD-10-CM
C83.00	Small cell B-cell lymphoma, unspecified site	Diagnosis	ICD-10-CM
C83.01	Small cell B-cell lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.02	Small cell B-cell lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.03	Small cell B-cell lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.04	Small cell B-cell lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.05	Small cell B-cell lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.06	Small cell B-cell lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.07	Small cell B-cell lymphoma, spleen	Diagnosis	ICD-10-CM
C83.08	Small cell B-cell lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.09	Small cell B-cell lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.1	Mantle cell lymphoma	Diagnosis	ICD-10-CM
C83.10	Mantle cell lymphoma, unspecified site	Diagnosis	ICD-10-CM
C83.11	Mantle cell lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.12	Mantle cell lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.13	Mantle cell lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.14	Mantle cell lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.15	Mantle cell lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.16	Mantle cell lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.17	Mantle cell lymphoma, spleen	Diagnosis	ICD-10-CM
C83.18	Mantle cell lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.19	Mantle cell lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.3	Diffuse large B-cell lymphoma	Diagnosis	ICD-10-CM
C83.30	Diffuse large B-cell lymphoma, unspecified site	Diagnosis	ICD-10-CM
C83.31	Diffuse large B-cell lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.32	Diffuse large B-cell lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.33	Diffuse large B-cell lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.34	Diffuse large B-cell lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.35	Diffuse large B-cell lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.36	Diffuse large B-cell lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.37	Diffuse large B-cell lymphoma, spleen	Diagnosis	ICD-10-CM
C83.38	Diffuse large B-cell lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.39	Diffuse large B-cell lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.5	Lymphoblastic (diffuse) lymphoma	Diagnosis	ICD-10-CM
C83.50	Lymphoblastic (diffuse) lymphoma, unspecified site	Diagnosis	ICD-10-CM
C83.51	Lymphoblastic (diffuse) lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.52	Lymphoblastic (diffuse) lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.53	Lymphoblastic (diffuse) lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.54	Lymphoblastic (diffuse) lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.55	Lymphoblastic (diffuse) lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.56	Lymphoblastic (diffuse) lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.57	Lymphoblastic (diffuse) lymphoma, spleen	Diagnosis	ICD-10-CM
C83.58	Lymphoblastic (diffuse) lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.59	Lymphoblastic (diffuse) lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C83.7	Burkitt lymphoma	Diagnosis	ICD-10-CM
C83.70	Burkitt lymphoma, unspecified site	Diagnosis	ICD-10-CM
C83.71	Burkitt lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.72	Burkitt lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.73	Burkitt lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.74	Burkitt lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.75	Burkitt lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.76	Burkitt lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.77	Burkitt lymphoma, spleen	Diagnosis	ICD-10-CM
C83.78	Burkitt lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.79	Burkitt lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.8	Other non-follicular lymphoma	Diagnosis	ICD-10-CM
C83.80	Other non-follicular lymphoma, unspecified site	Diagnosis	ICD-10-CM
C83.81	Other non-follicular lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.82	Other non-follicular lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.83	Other non-follicular lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.84	Other non-follicular lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.85	Other non-follicular lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.86	Other non-follicular lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.87	Other non-follicular lymphoma, spleen	Diagnosis	ICD-10-CM
C83.88	Other non-follicular lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.89	Other non-follicular lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.9	Non-follicular (diffuse) lymphoma, unspecified	Diagnosis	ICD-10-CM
C83.90	Non-follicular (diffuse) lymphoma, unspecified, unspecified site	Diagnosis	ICD-10-CM
C83.91	Non-follicular (diffuse) lymphoma, unspecified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.92	Non-follicular (diffuse) lymphoma, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.93	Non-follicular (diffuse) lymphoma, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.94	Non-follicular (diffuse) lymphoma, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.95	Non-follicular (diffuse) lymphoma, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.96	Non-follicular (diffuse) lymphoma, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.97	Non-follicular (diffuse) lymphoma, unspecified, spleen	Diagnosis	ICD-10-CM
C83.98	Non-follicular (diffuse) lymphoma, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.99	Non-follicular (diffuse) lymphoma, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84	Mature T/NK-cell lymphomas	Diagnosis	ICD-10-CM
C84.0	Mycosis fungoides	Diagnosis	ICD-10-CM
C84.00	Mycosis fungoides, unspecified site	Diagnosis	ICD-10-CM
C84.01	Mycosis fungoides, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.02	Mycosis fungoides, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.03	Mycosis fungoides, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.04	Mycosis fungoides, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.05	Mycosis fungoides, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.06	Mycosis fungoides, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.07	Mycosis fungoides, spleen	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C84.08	Mycosis fungoides, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.09	Mycosis fungoides, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.1	Sezary disease	Diagnosis	ICD-10-CM
C84.10	Sezary disease, unspecified site	Diagnosis	ICD-10-CM
C84.11	Sezary disease, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.12	Sezary disease, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.13	Sezary disease, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.14	Sezary disease, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.15	Sezary disease, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.16	Sezary disease, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.17	Sezary disease, spleen	Diagnosis	ICD-10-CM
C84.18	Sezary disease, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.19	Sezary disease, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.4	Peripheral T-cell lymphoma, not classified	Diagnosis	ICD-10-CM
C84.40	Peripheral T-cell lymphoma, not classified, unspecified site	Diagnosis	ICD-10-CM
C84.41	Peripheral T-cell lymphoma, not classified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.42	Peripheral T-cell lymphoma, not classified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.43	Peripheral T-cell lymphoma, not classified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.44	Peripheral T-cell lymphoma, not classified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.45	Peripheral T-cell lymphoma, not classified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.46	Peripheral T-cell lymphoma, not classified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.47	Peripheral T-cell lymphoma, not classified, spleen	Diagnosis	ICD-10-CM
C84.48	Peripheral T-cell lymphoma, not classified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.49	Peripheral T-cell lymphoma, not classified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.6	Anaplastic large cell lymphoma, ALK-positive	Diagnosis	ICD-10-CM
C84.60	Anaplastic large cell lymphoma, ALK-positive, unspecified site	Diagnosis	ICD-10-CM
C84.61	Anaplastic large cell lymphoma, ALK-positive, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.62	Anaplastic large cell lymphoma, ALK-positive, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.63	Anaplastic large cell lymphoma, ALK-positive, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.64	Anaplastic large cell lymphoma, ALK-positive, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.65	Anaplastic large cell lymphoma, ALK-positive, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.66	Anaplastic large cell lymphoma, ALK-positive, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.67	Anaplastic large cell lymphoma, ALK-positive, spleen	Diagnosis	ICD-10-CM
C84.68	Anaplastic large cell lymphoma, ALK-positive, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.69	Anaplastic large cell lymphoma, ALK-positive, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.7	Anaplastic large cell lymphoma, ALK-negative	Diagnosis	ICD-10-CM
C84.70	Anaplastic large cell lymphoma, ALK-negative, unspecified site	Diagnosis	ICD-10-CM
C84.71	Anaplastic large cell lymphoma, ALK-negative, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.72	Anaplastic large cell lymphoma, ALK-negative, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.73	Anaplastic large cell lymphoma, ALK-negative, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C84.74	Anaplastic large cell lymphoma, ALK-negative, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.75	Anaplastic large cell lymphoma, ALK-negative, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.76	Anaplastic large cell lymphoma, ALK-negative, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.77	Anaplastic large cell lymphoma, ALK-negative, spleen	Diagnosis	ICD-10-CM
C84.78	Anaplastic large cell lymphoma, ALK-negative, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.79	Anaplastic large cell lymphoma, ALK-negative, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.9	Mature T/NK-cell lymphomas, unspecified	Diagnosis	ICD-10-CM
C84.90	Mature T/NK-cell lymphomas, unspecified, unspecified site	Diagnosis	ICD-10-CM
C84.91	Mature T/NK-cell lymphomas, unspecified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.92	Mature T/NK-cell lymphomas, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.93	Mature T/NK-cell lymphomas, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.94	Mature T/NK-cell lymphomas, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.95	Mature T/NK-cell lymphomas, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.96	Mature T/NK-cell lymphomas, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.97	Mature T/NK-cell lymphomas, unspecified, spleen	Diagnosis	ICD-10-CM
C84.98	Mature T/NK-cell lymphomas, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.99	Mature T/NK-cell lymphomas, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.A	Cutaneous T-cell lymphoma, unspecified	Diagnosis	ICD-10-CM
C84.A0	Cutaneous T-cell lymphoma, unspecified, unspecified site	Diagnosis	ICD-10-CM
C84.A1	Cutaneous T-cell lymphoma, unspecified lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.A2	Cutaneous T-cell lymphoma, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.A3	Cutaneous T-cell lymphoma, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.A4	Cutaneous T-cell lymphoma, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.A5	Cutaneous T-cell lymphoma, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.A6	Cutaneous T-cell lymphoma, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.A7	Cutaneous T-cell lymphoma, unspecified, spleen	Diagnosis	ICD-10-CM
C84.A8	Cutaneous T-cell lymphoma, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.A9	Cutaneous T-cell lymphoma, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.Z	Other mature T/NK-cell lymphomas	Diagnosis	ICD-10-CM
C84.Z0	Other mature T/NK-cell lymphomas, unspecified site	Diagnosis	ICD-10-CM
C84.Z1	Other mature T/NK-cell lymphomas, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.Z2	Other mature T/NK-cell lymphomas, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.Z3	Other mature T/NK-cell lymphomas, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.Z4	Other mature T/NK-cell lymphomas, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.Z5	Other mature T/NK-cell lymphomas, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.Z6	Other mature T/NK-cell lymphomas, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.Z7	Other mature T/NK-cell lymphomas, spleen	Diagnosis	ICD-10-CM
C84.Z8	Other mature T/NK-cell lymphomas, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.Z9	Other mature T/NK-cell lymphomas, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C85	Other specified and unspecified types of non-Hodgkin lymphoma	Diagnosis	ICD-10-CM
C85.1	Unspecified B-cell lymphoma	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C85.10	Unspecified B-cell lymphoma, unspecified site	Diagnosis	ICD-10-CM
C85.11	Unspecified B-cell lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C85.12	Unspecified B-cell lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C85.13	Unspecified B-cell lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C85.14	Unspecified B-cell lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C85.15	Unspecified B-cell lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C85.16	Unspecified B-cell lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C85.17	Unspecified B-cell lymphoma, spleen	Diagnosis	ICD-10-CM
C85.18	Unspecified B-cell lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C85.19	Unspecified B-cell lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C85.2	Mediastinal (thymic) large B-cell lymphoma	Diagnosis	ICD-10-CM
C85.20	Mediastinal (thymic) large B-cell lymphoma, unspecified site	Diagnosis	ICD-10-CM
C85.21	Mediastinal (thymic) large B-cell lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C85.22	Mediastinal (thymic) large B-cell lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C85.23	Mediastinal (thymic) large B-cell lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C85.24	Mediastinal (thymic) large B-cell lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C85.25	Mediastinal (thymic) large B-cell lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C85.26	Mediastinal (thymic) large B-cell lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C85.27	Mediastinal (thymic) large B-cell lymphoma, spleen	Diagnosis	ICD-10-CM
C85.28	Mediastinal (thymic) large B-cell lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C85.29	Mediastinal (thymic) large B-cell lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C85.8	Other specified types of non-Hodgkin lymphoma	Diagnosis	ICD-10-CM
C85.80	Other specified types of non-Hodgkin lymphoma, unspecified site	Diagnosis	ICD-10-CM
C85.81	Other specified types of non-Hodgkin lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C85.82	Other specified types of non-Hodgkin lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C85.83	Other specified types of non-Hodgkin lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C85.84	Other specified types of non-Hodgkin lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C85.85	Other specified types of non-Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C85.86	Other specified types of non-Hodgkin lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C85.87	Other specified types of non-Hodgkin lymphoma, spleen	Diagnosis	ICD-10-CM
C85.88	Other specified types of non-Hodgkin lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C85.89	Other specified types of non-Hodgkin lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C85.9	Non-Hodgkin lymphoma, unspecified	Diagnosis	ICD-10-CM
C85.90	Non-Hodgkin lymphoma, unspecified, unspecified site	Diagnosis	ICD-10-CM
C85.91	Non-Hodgkin lymphoma, unspecified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C85.92	Non-Hodgkin lymphoma, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C85.93	Non-Hodgkin lymphoma, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C85.94	Non-Hodgkin lymphoma, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C85.95	Non-Hodgkin lymphoma, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C85.96	Non-Hodgkin lymphoma, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C85.97	Non-Hodgkin lymphoma, unspecified, spleen	Diagnosis	ICD-10-CM
C85.98	Non-Hodgkin lymphoma, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C85.99	Non-Hodgkin lymphoma, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C86	Other specified types of T/NK-cell lymphoma	Diagnosis	ICD-10-CM
C86.0	Extranodal NK/T-cell lymphoma, nasal type	Diagnosis	ICD-10-CM
C86.1	Hepatosplenic T-cell lymphoma	Diagnosis	ICD-10-CM
C86.2	Enteropathy-type (intestinal) T-cell lymphoma	Diagnosis	ICD-10-CM
C86.3	Subcutaneous panniculitis-like T-cell lymphoma	Diagnosis	ICD-10-CM
C86.4	Blastic NK-cell lymphoma	Diagnosis	ICD-10-CM
C86.5	Angioimmunoblastic T-cell lymphoma	Diagnosis	ICD-10-CM
C86.6	Primary cutaneous CD30-positive T-cell proliferations	Diagnosis	ICD-10-CM
C88	Malignant immunoproliferative diseases and certain other B-cell lymphomas	Diagnosis	ICD-10-CM
C88.0	Waldenstrom macroglobulinemia	Diagnosis	ICD-10-CM
C88.2	Heavy chain disease	Diagnosis	ICD-10-CM
C88.3	Immunoproliferative small intestinal disease	Diagnosis	ICD-10-CM
C88.4	Extranodal marginal zone B-cell lymphoma of mucosa-associated lymphoid tissue [MALT-lymphoma]	Diagnosis	ICD-10-CM
C88.8	Other malignant immunoproliferative diseases	Diagnosis	ICD-10-CM
C88.9	Malignant immunoproliferative disease, unspecified	Diagnosis	ICD-10-CM
C90	Multiple myeloma and malignant plasma cell neoplasms	Diagnosis	ICD-10-CM
C90.0	Multiple myeloma	Diagnosis	ICD-10-CM
C90.00	Multiple myeloma not having achieved remission	Diagnosis	ICD-10-CM
C90.01	Multiple myeloma in remission	Diagnosis	ICD-10-CM
C90.02	Multiple myeloma in relapse	Diagnosis	ICD-10-CM
C90.1	Plasma cell leukemia	Diagnosis	ICD-10-CM
C90.10	Plasma cell leukemia not having achieved remission	Diagnosis	ICD-10-CM
C90.11	Plasma cell leukemia in remission	Diagnosis	ICD-10-CM
C90.12	Plasma cell leukemia in relapse	Diagnosis	ICD-10-CM
C90.2	Extramedullary plasmacytoma	Diagnosis	ICD-10-CM
C90.20	Extramedullary plasmacytoma not having achieved remission	Diagnosis	ICD-10-CM
C90.21	Extramedullary plasmacytoma in remission	Diagnosis	ICD-10-CM
C90.22	Extramedullary plasmacytoma in relapse	Diagnosis	ICD-10-CM
C90.3	Solitary plasmacytoma	Diagnosis	ICD-10-CM
C90.30	Solitary plasmacytoma not having achieved remission	Diagnosis	ICD-10-CM
C90.31	Solitary plasmacytoma in remission	Diagnosis	ICD-10-CM
C90.32	Solitary plasmacytoma in relapse	Diagnosis	ICD-10-CM
C91	Lymphoid leukemia	Diagnosis	ICD-10-CM
C91.0	Acute lymphoblastic leukemia [ALL]	Diagnosis	ICD-10-CM
C91.00	Acute lymphoblastic leukemia not having achieved remission	Diagnosis	ICD-10-CM
C91.01	Acute lymphoblastic leukemia, in remission	Diagnosis	ICD-10-CM
C91.02	Acute lymphoblastic leukemia, in relapse	Diagnosis	ICD-10-CM
C91.1	Chronic lymphocytic leukemia of B-cell type	Diagnosis	ICD-10-CM
C91.10	Chronic lymphocytic leukemia of B-cell type not having achieved remission	Diagnosis	ICD-10-CM
C91.11	Chronic lymphocytic leukemia of B-cell type in remission	Diagnosis	ICD-10-CM
C91.12	Chronic lymphocytic leukemia of B-cell type in relapse	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C91.3	Prolymphocytic leukemia of B-cell type	Diagnosis	ICD-10-CM
C91.30	Prolymphocytic leukemia of B-cell type not having achieved remission	Diagnosis	ICD-10-CM
C91.31	Prolymphocytic leukemia of B-cell type, in remission	Diagnosis	ICD-10-CM
C91.32	Prolymphocytic leukemia of B-cell type, in relapse	Diagnosis	ICD-10-CM
C91.4	Hairy cell leukemia	Diagnosis	ICD-10-CM
C91.40	Hairy cell leukemia not having achieved remission	Diagnosis	ICD-10-CM
C91.41	Hairy cell leukemia, in remission	Diagnosis	ICD-10-CM
C91.42	Hairy cell leukemia, in relapse	Diagnosis	ICD-10-CM
C91.5	Adult T-cell lymphoma/leukemia (HTLV-1-associated)	Diagnosis	ICD-10-CM
C91.50	Adult T-cell lymphoma/leukemia (HTLV-1-associated) not having achieved remission	Diagnosis	ICD-10-CM
C91.51	Adult T-cell lymphoma/leukemia (HTLV-1-associated), in remission	Diagnosis	ICD-10-CM
C91.52	Adult T-cell lymphoma/leukemia (HTLV-1-associated), in relapse	Diagnosis	ICD-10-CM
C91.6	Prolymphocytic leukemia of T-cell type	Diagnosis	ICD-10-CM
C91.60	Prolymphocytic leukemia of T-cell type not having achieved remission	Diagnosis	ICD-10-CM
C91.61	Prolymphocytic leukemia of T-cell type, in remission	Diagnosis	ICD-10-CM
C91.62	Prolymphocytic leukemia of T-cell type, in relapse	Diagnosis	ICD-10-CM
C91.9	Lymphoid leukemia, unspecified	Diagnosis	ICD-10-CM
C91.90	Lymphoid leukemia, unspecified not having achieved remission	Diagnosis	ICD-10-CM
C91.91	Lymphoid leukemia, unspecified, in remission	Diagnosis	ICD-10-CM
C91.92	Lymphoid leukemia, unspecified, in relapse	Diagnosis	ICD-10-CM
C91.A	Mature B-cell leukemia Burkitt-type	Diagnosis	ICD-10-CM
C91.A0	Mature B-cell leukemia Burkitt-type not having achieved remission	Diagnosis	ICD-10-CM
C91.A1	Mature B-cell leukemia Burkitt-type, in remission	Diagnosis	ICD-10-CM
C91.A2	Mature B-cell leukemia Burkitt-type, in relapse	Diagnosis	ICD-10-CM
C91.Z	Other lymphoid leukemia	Diagnosis	ICD-10-CM
C91.Z0	Other lymphoid leukemia not having achieved remission	Diagnosis	ICD-10-CM
C91.Z1	Other lymphoid leukemia, in remission	Diagnosis	ICD-10-CM
C91.Z2	Other lymphoid leukemia, in relapse	Diagnosis	ICD-10-CM
C92	Myeloid leukemia	Diagnosis	ICD-10-CM
C92.0	Acute myeloblastic leukemia	Diagnosis	ICD-10-CM
C92.00	Acute myeloblastic leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C92.01	Acute myeloblastic leukemia, in remission	Diagnosis	ICD-10-CM
C92.02	Acute myeloblastic leukemia, in relapse	Diagnosis	ICD-10-CM
C92.1	Chronic myeloid leukemia, BCR/ABL-positive	Diagnosis	ICD-10-CM
C92.10	Chronic myeloid leukemia, BCR/ABL-positive, not having achieved remission	Diagnosis	ICD-10-CM
C92.11	Chronic myeloid leukemia, BCR/ABL-positive, in remission	Diagnosis	ICD-10-CM
C92.12	Chronic myeloid leukemia, BCR/ABL-positive, in relapse	Diagnosis	ICD-10-CM
C92.2	Atypical chronic myeloid leukemia, BCR/ABL-negative	Diagnosis	ICD-10-CM
C92.20	Atypical chronic myeloid leukemia, BCR/ABL-negative, not having achieved remission	Diagnosis	ICD-10-CM
C92.21	Atypical chronic myeloid leukemia, BCR/ABL-negative, in remission	Diagnosis	ICD-10-CM
C92.22	Atypical chronic myeloid leukemia, BCR/ABL-negative, in relapse	Diagnosis	ICD-10-CM
C92.3	Myeloid sarcoma	Diagnosis	ICD-10-CM
C92.30	Myeloid sarcoma, not having achieved remission	Diagnosis	ICD-10-CM
C92.31	Myeloid sarcoma, in remission	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C92.32	Myeloid sarcoma, in relapse	Diagnosis	ICD-10-CM
C92.4	Acute promyelocytic leukemia	Diagnosis	ICD-10-CM
C92.40	Acute promyelocytic leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C92.41	Acute promyelocytic leukemia, in remission	Diagnosis	ICD-10-CM
C92.42	Acute promyelocytic leukemia, in relapse	Diagnosis	ICD-10-CM
C92.5	Acute myelomonocytic leukemia	Diagnosis	ICD-10-CM
C92.50	Acute myelomonocytic leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C92.51	Acute myelomonocytic leukemia, in remission	Diagnosis	ICD-10-CM
C92.52	Acute myelomonocytic leukemia, in relapse	Diagnosis	ICD-10-CM
C92.6	Acute myeloid leukemia with 11q23-abnormality	Diagnosis	ICD-10-CM
C92.60	Acute myeloid leukemia with 11q23-abnormality not having achieved remission	Diagnosis	ICD-10-CM
C92.61	Acute myeloid leukemia with 11q23-abnormality in remission	Diagnosis	ICD-10-CM
C92.62	Acute myeloid leukemia with 11q23-abnormality in relapse	Diagnosis	ICD-10-CM
C92.9	Myeloid leukemia, unspecified	Diagnosis	ICD-10-CM
C92.90	Myeloid leukemia, unspecified, not having achieved remission	Diagnosis	ICD-10-CM
C92.91	Myeloid leukemia, unspecified in remission	Diagnosis	ICD-10-CM
C92.92	Myeloid leukemia, unspecified in relapse	Diagnosis	ICD-10-CM
C92.A	Acute myeloid leukemia with multilineage dysplasia	Diagnosis	ICD-10-CM
C92.A0	Acute myeloid leukemia with multilineage dysplasia, not having achieved remission	Diagnosis	ICD-10-CM
C92.A1	Acute myeloid leukemia with multilineage dysplasia, in remission	Diagnosis	ICD-10-CM
C92.A2	Acute myeloid leukemia with multilineage dysplasia, in relapse	Diagnosis	ICD-10-CM
C92.Z	Other myeloid leukemia	Diagnosis	ICD-10-CM
C92.Z0	Other myeloid leukemia not having achieved remission	Diagnosis	ICD-10-CM
C92.Z1	Other myeloid leukemia, in remission	Diagnosis	ICD-10-CM
C92.Z2	Other myeloid leukemia, in relapse	Diagnosis	ICD-10-CM
C93	Monocytic leukemia	Diagnosis	ICD-10-CM
C93.0	Acute monoblastic/monocytic leukemia	Diagnosis	ICD-10-CM
C93.00	Acute monoblastic/monocytic leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C93.01	Acute monoblastic/monocytic leukemia, in remission	Diagnosis	ICD-10-CM
C93.02	Acute monoblastic/monocytic leukemia, in relapse	Diagnosis	ICD-10-CM
C93.1	Chronic myelomonocytic leukemia	Diagnosis	ICD-10-CM
C93.10	Chronic myelomonocytic leukemia not having achieved remission	Diagnosis	ICD-10-CM
C93.11	Chronic myelomonocytic leukemia, in remission	Diagnosis	ICD-10-CM
C93.12	Chronic myelomonocytic leukemia, in relapse	Diagnosis	ICD-10-CM
C93.3	Juvenile myelomonocytic leukemia	Diagnosis	ICD-10-CM
C93.30	Juvenile myelomonocytic leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C93.31	Juvenile myelomonocytic leukemia, in remission	Diagnosis	ICD-10-CM
C93.32	Juvenile myelomonocytic leukemia, in relapse	Diagnosis	ICD-10-CM
C93.9	Monocytic leukemia, unspecified	Diagnosis	ICD-10-CM
C93.90	Monocytic leukemia, unspecified, not having achieved remission	Diagnosis	ICD-10-CM
C93.91	Monocytic leukemia, unspecified in remission	Diagnosis	ICD-10-CM
C93.92	Monocytic leukemia, unspecified in relapse	Diagnosis	ICD-10-CM
C93.Z	Other monocytic leukemia	Diagnosis	ICD-10-CM
C93.Z0	Other monocytic leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C93.Z1	Other monocytic leukemia, in remission	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C93.Z2	Other monocytic leukemia, in relapse	Diagnosis	ICD-10-CM
C94	Other leukemias of specified cell type	Diagnosis	ICD-10-CM
C94.0	Acute erythroid leukemia	Diagnosis	ICD-10-CM
C94.00	Acute erythroid leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C94.01	Acute erythroid leukemia, in remission	Diagnosis	ICD-10-CM
C94.02	Acute erythroid leukemia, in relapse	Diagnosis	ICD-10-CM
C94.2	Acute megakaryoblastic leukemia	Diagnosis	ICD-10-CM
C94.20	Acute megakaryoblastic leukemia not having achieved remission	Diagnosis	ICD-10-CM
C94.21	Acute megakaryoblastic leukemia, in remission	Diagnosis	ICD-10-CM
C94.22	Acute megakaryoblastic leukemia, in relapse	Diagnosis	ICD-10-CM
C94.3	Mast cell leukemia	Diagnosis	ICD-10-CM
C94.30	Mast cell leukemia not having achieved remission	Diagnosis	ICD-10-CM
C94.31	Mast cell leukemia, in remission	Diagnosis	ICD-10-CM
C94.32	Mast cell leukemia, in relapse	Diagnosis	ICD-10-CM
C94.4	Acute panmyelosis with myelofibrosis	Diagnosis	ICD-10-CM
C94.40	Acute panmyelosis with myelofibrosis not having achieved remission	Diagnosis	ICD-10-CM
C94.41	Acute panmyelosis with myelofibrosis, in remission	Diagnosis	ICD-10-CM
C94.42	Acute panmyelosis with myelofibrosis, in relapse	Diagnosis	ICD-10-CM
C94.6	Myelodysplastic disease, not classified	Diagnosis	ICD-10-CM
C94.8	Other specified leukemias	Diagnosis	ICD-10-CM
C94.80	Other specified leukemias not having achieved remission	Diagnosis	ICD-10-CM
C94.81	Other specified leukemias, in remission	Diagnosis	ICD-10-CM
C94.82	Other specified leukemias, in relapse	Diagnosis	ICD-10-CM
C95	Leukemia of unspecified cell type	Diagnosis	ICD-10-CM
C95.0	Acute leukemia of unspecified cell type	Diagnosis	ICD-10-CM
C95.00	Acute leukemia of unspecified cell type not having achieved remission	Diagnosis	ICD-10-CM
C95.01	Acute leukemia of unspecified cell type, in remission	Diagnosis	ICD-10-CM
C95.02	Acute leukemia of unspecified cell type, in relapse	Diagnosis	ICD-10-CM
C95.1	Chronic leukemia of unspecified cell type	Diagnosis	ICD-10-CM
C95.10	Chronic leukemia of unspecified cell type not having achieved remission	Diagnosis	ICD-10-CM
C95.11	Chronic leukemia of unspecified cell type, in remission	Diagnosis	ICD-10-CM
C95.12	Chronic leukemia of unspecified cell type, in relapse	Diagnosis	ICD-10-CM
C95.9	Leukemia, unspecified	Diagnosis	ICD-10-CM
C95.90	Leukemia, unspecified not having achieved remission	Diagnosis	ICD-10-CM
C95.91	Leukemia, unspecified, in remission	Diagnosis	ICD-10-CM
C95.92	Leukemia, unspecified, in relapse	Diagnosis	ICD-10-CM
C96	Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue	Diagnosis	ICD-10-CM
C96.0	Multifocal and multisystemic (disseminated) Langerhans-cell histiocytosis	Diagnosis	ICD-10-CM
C96.2	Malignant mast cell neoplasm	Diagnosis	ICD-10-CM
C96.20	Malignant mast cell neoplasm, unspecified	Diagnosis	ICD-10-CM
C96.21	Aggressive systemic mastocytosis	Diagnosis	ICD-10-CM
C96.22	Mast cell sarcoma	Diagnosis	ICD-10-CM
C96.29	Other malignant mast cell neoplasm	Diagnosis	ICD-10-CM
C96.4	Sarcoma of dendritic cells (accessory cells)	Diagnosis	ICD-10-CM
C96.5	Multifocal and unisystemic Langerhans-cell histiocytosis	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C96.6	Unifocal Langerhans-cell histiocytosis	Diagnosis	ICD-10-CM
C96.9	Malignant neoplasm of lymphoid, hematopoietic and related tissue, unspecified	Diagnosis	ICD-10-CM
C96.A	Histiocytic sarcoma	Diagnosis	ICD-10-CM
C96.Z	Other specified malignant neoplasms of lymphoid, hematopoietic and related tissue	Diagnosis	ICD-10-CM
D03.0	Melanoma in situ of lip	Diagnosis	ICD-10-CM
D03.10	Melanoma in situ of unspecified eyelid, including canthus	Diagnosis	ICD-10-CM
D03.11	Melanoma in situ of right eyelid, including canthus	Diagnosis	ICD-10-CM
D03.12	Melanoma in situ of left eyelid, including canthus	Diagnosis	ICD-10-CM
D03.20	Melanoma in situ of unspecified ear and external auricular canal	Diagnosis	ICD-10-CM
D03.21	Melanoma in situ of right ear and external auricular canal	Diagnosis	ICD-10-CM
D03.22	Melanoma in situ of left ear and external auricular canal	Diagnosis	ICD-10-CM
D03.30	Melanoma in situ of unspecified part of face	Diagnosis	ICD-10-CM
D03.39	Melanoma in situ of other parts of face	Diagnosis	ICD-10-CM
D03.4	Melanoma in situ of scalp and neck	Diagnosis	ICD-10-CM
D03.51	Melanoma in situ of anal skin	Diagnosis	ICD-10-CM
D03.52	Melanoma in situ of breast (skin) (soft tissue)	Diagnosis	ICD-10-CM
D03.59	Melanoma in situ of other part of trunk	Diagnosis	ICD-10-CM
D03.60	Melanoma in situ of unspecified upper limb, including shoulder	Diagnosis	ICD-10-CM
D03.61	Melanoma in situ of right upper limb, including shoulder	Diagnosis	ICD-10-CM
D03.62	Melanoma in situ of left upper limb, including shoulder	Diagnosis	ICD-10-CM
D03.70	Melanoma in situ of unspecified lower limb, including hip	Diagnosis	ICD-10-CM
D03.71	Melanoma in situ of right lower limb, including hip	Diagnosis	ICD-10-CM
D03.72	Melanoma in situ of left lower limb, including hip	Diagnosis	ICD-10-CM
D03.8	Melanoma in situ of other sites	Diagnosis	ICD-10-CM
D03.9	Melanoma in situ, unspecified	Diagnosis	ICD-10-CM
D45	Polycythemia vera	Diagnosis	ICD-10-CM
D47.1	Chronic myeloproliferative disease	Diagnosis	ICD-10-CM
D47.3	Essential (hemorrhagic) thrombocythemia	Diagnosis	ICD-10-CM
O9A.1	Malignant neoplasm complicating pregnancy, childbirth and the puerperium	Diagnosis	ICD-10-CM
O9A.11	Malignant neoplasm complicating pregnancy	Diagnosis	ICD-10-CM
O9A.111	Malignant neoplasm complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O9A.112	Malignant neoplasm complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O9A.113	Malignant neoplasm complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O9A.119	Malignant neoplasm complicating pregnancy, unspecified trimester	Diagnosis	ICD-10-CM
O9A.12	Malignant neoplasm complicating childbirth	Diagnosis	ICD-10-CM
O9A.13	Malignant neoplasm complicating the puerperium	Diagnosis	ICD-10-CM
R97.21	Rising PSA following treatment for malignant neoplasm of prostate	Diagnosis	ICD-10-CM
Immunosuppressant			
C9050	Injection, emapalumab-lzsg, 1 mg	Procedure	HCPCS
C9110	Injection, alemtuzumab, per 10 mg/ ml	Procedure	HCPCS
C9455	Injection, siltuximab, 10 mg	Procedure	HCPCS
J0202	Injection, alemtuzumab, 1 mg	Procedure	HCPCS
J2860	Injection, siltuximab, 10 mg	Procedure	HCPCS
J9010	Injection, alemtuzumab, 10 mg	Procedure	HCPCS
J9210	Injection, emapalumab-lzsg, 1 mg	Procedure	HCPCS

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
Q9979	Injection, Alemtuzumab, 1 mg	Procedure	HCPCS
S0087	Injection, alemtuzumab, 30 mg	Procedure	HCPCS
Sickle Cell Disease			
D57	Sickle-cell disorders	Diagnosis	ICD-10-CM
D57.0	Hb-SS disease with crisis	Diagnosis	ICD-10-CM
D57.00	Hb-SS disease with crisis, unspecified	Diagnosis	ICD-10-CM
D57.01	Hb-SS disease with acute chest syndrome	Diagnosis	ICD-10-CM
D57.02	Hb-SS disease with splenic sequestration	Diagnosis	ICD-10-CM
D57.1	Sickle-cell disease without crisis	Diagnosis	ICD-10-CM
D57.2	Sickle-cell/Hb-C disease	Diagnosis	ICD-10-CM
D57.20	Sickle-cell/Hb-C disease without crisis	Diagnosis	ICD-10-CM
D57.21	Sickle-cell/Hb-C disease with crisis	Diagnosis	ICD-10-CM
D57.211	Sickle-cell/Hb-C disease with acute chest syndrome	Diagnosis	ICD-10-CM
D57.212	Sickle-cell/Hb-C disease with splenic sequestration	Diagnosis	ICD-10-CM
D57.219	Sickle-cell/Hb-C disease with crisis, unspecified	Diagnosis	ICD-10-CM
D57.3	Sickle-cell trait	Diagnosis	ICD-10-CM
D57.4	Sickle-cell thalassemia	Diagnosis	ICD-10-CM
D57.40	Sickle-cell thalassemia without crisis	Diagnosis	ICD-10-CM
D57.41	Sickle-cell thalassemia with crisis	Diagnosis	ICD-10-CM
D57.411	Sickle-cell thalassemia with acute chest syndrome	Diagnosis	ICD-10-CM
D57.412	Sickle-cell thalassemia with splenic sequestration	Diagnosis	ICD-10-CM
D57.419	Sickle-cell thalassemia with crisis, unspecified	Diagnosis	ICD-10-CM
D57.8	Other sickle-cell disorders	Diagnosis	ICD-10-CM
D57.80	Other sickle-cell disorders without crisis	Diagnosis	ICD-10-CM
D57.81	Other sickle-cell disorders with crisis	Diagnosis	ICD-10-CM
D57.811	Other sickle-cell disorders with acute chest syndrome	Diagnosis	ICD-10-CM
D57.812	Other sickle-cell disorders with splenic sequestration	Diagnosis	ICD-10-CM
D57.819	Other sickle-cell disorders with crisis, unspecified	Diagnosis	ICD-10-CM
Diabetes Mellitus			
E08.0	Diabetes mellitus due to underlying condition with hyperosmolarity	Diagnosis	ICD-10-CM
E08.00	Diabetes mellitus due to underlying condition with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)	Diagnosis	ICD-10-CM
E08.01	Diabetes mellitus due to underlying condition with hyperosmolarity with coma	Diagnosis	ICD-10-CM
E08.1	Diabetes mellitus due to underlying condition with ketoacidosis	Diagnosis	ICD-10-CM
E08.10	Diabetes mellitus due to underlying condition with ketoacidosis without coma	Diagnosis	ICD-10-CM
E08.11	Diabetes mellitus due to underlying condition with ketoacidosis with coma	Diagnosis	ICD-10-CM
E08.2	Diabetes mellitus due to underlying condition with kidney complications	Diagnosis	ICD-10-CM
E08.21	Diabetes mellitus due to underlying condition with diabetic nephropathy	Diagnosis	ICD-10-CM
E08.22	Diabetes mellitus due to underlying condition with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E08.29	Diabetes mellitus due to underlying condition with other diabetic kidney complication	Diagnosis	ICD-10-CM
E08.3	Diabetes mellitus due to underlying condition with ophthalmic complications	Diagnosis	ICD-10-CM
E08.31	Diabetes mellitus due to underlying condition with unspecified diabetic retinopathy	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
E08.311	Diabetes mellitus due to underlying condition with unspecified diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E08.319	Diabetes mellitus due to underlying condition with unspecified diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E08.32	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E08.321	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E08.3211	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E08.3212	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E08.3213	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E08.3219	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E08.329	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E08.3291	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E08.3292	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E08.3293	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E08.3299	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E08.33	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E08.331	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E08.3311	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E08.3312	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E08.3313	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E08.3319	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E08.339	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E08.3391	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E08.3392	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E08.3393	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
E08.3399	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E08.34	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E08.341	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E08.3411	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E08.3412	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E08.3413	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E08.3419	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E08.349	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E08.3491	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E08.3492	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E08.3493	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E08.3499	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E08.35	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E08.351	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E08.3511	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E08.3512	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E08.3513	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E08.3519	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E08.352	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula	Diagnosis	ICD-10-CM
E08.3521	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	Diagnosis	ICD-10-CM
E08.3522	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	Diagnosis	ICD-10-CM
E08.3523	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
E08.3529	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E08.353	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula	Diagnosis	ICD-10-CM
E08.3531	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye	Diagnosis	ICD-10-CM
E08.3532	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye	Diagnosis	ICD-10-CM
E08.3533	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral	Diagnosis	ICD-10-CM
E08.3539	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E08.354	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment	Diagnosis	ICD-10-CM
E08.3541	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye	Diagnosis	ICD-10-CM
E08.3542	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye	Diagnosis	ICD-10-CM
E08.3543	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral	Diagnosis	ICD-10-CM
E08.3549	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye	Diagnosis	ICD-10-CM
E08.355	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E08.3551	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy, right eye	Diagnosis	ICD-10-CM
E08.3552	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy, left eye	Diagnosis	ICD-10-CM
E08.3553	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy, bilateral	Diagnosis	ICD-10-CM
E08.3559	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy, unspecified eye	Diagnosis	ICD-10-CM
E08.359	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E08.3591	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E08.3592	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
E08.3593	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E08.3599	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E08.36	Diabetes mellitus due to underlying condition with diabetic cataract	Diagnosis	ICD-10-CM
E08.37	Diabetes mellitus due to underlying condition with diabetic macular edema, resolved following treatment	Diagnosis	ICD-10-CM
E08.37X1	Diabetes mellitus due to underlying condition with diabetic macular edema, resolved following treatment, right eye	Diagnosis	ICD-10-CM
E08.37X2	Diabetes mellitus due to underlying condition with diabetic macular edema, resolved following treatment, left eye	Diagnosis	ICD-10-CM
E08.37X3	Diabetes mellitus due to underlying condition with diabetic macular edema, resolved following treatment, bilateral	Diagnosis	ICD-10-CM
E08.37X9	Diabetes mellitus due to underlying condition with diabetic macular edema, resolved following treatment, unspecified eye	Diagnosis	ICD-10-CM
E08.39	Diabetes mellitus due to underlying condition with other diabetic ophthalmic complication	Diagnosis	ICD-10-CM
E08.4	Diabetes mellitus due to underlying condition with neurological complications	Diagnosis	ICD-10-CM
E08.40	Diabetes mellitus due to underlying condition with diabetic neuropathy, unspecified	Diagnosis	ICD-10-CM
E08.41	Diabetes mellitus due to underlying condition with diabetic mononeuropathy	Diagnosis	ICD-10-CM
E08.42	Diabetes mellitus due to underlying condition with diabetic polyneuropathy	Diagnosis	ICD-10-CM
E08.43	Diabetes mellitus due to underlying condition with diabetic autonomic (poly)neuropathy	Diagnosis	ICD-10-CM
E08.44	Diabetes mellitus due to underlying condition with diabetic amyotrophy	Diagnosis	ICD-10-CM
E08.49	Diabetes mellitus due to underlying condition with other diabetic neurological complication	Diagnosis	ICD-10-CM
E08.5	Diabetes mellitus due to underlying condition with circulatory complications	Diagnosis	ICD-10-CM
E08.51	Diabetes mellitus due to underlying condition with diabetic peripheral angiopathy without gangrene	Diagnosis	ICD-10-CM
E08.52	Diabetes mellitus due to underlying condition with diabetic peripheral angiopathy with gangrene	Diagnosis	ICD-10-CM
E08.59	Diabetes mellitus due to underlying condition with other circulatory complications	Diagnosis	ICD-10-CM
E08.6	Diabetes mellitus due to underlying condition with other specified complications	Diagnosis	ICD-10-CM
E08.61	Diabetes mellitus due to underlying condition with diabetic arthropathy	Diagnosis	ICD-10-CM
E08.610	Diabetes mellitus due to underlying condition with diabetic neuropathic arthropathy	Diagnosis	ICD-10-CM
E08.618	Diabetes mellitus due to underlying condition with other diabetic arthropathy	Diagnosis	ICD-10-CM
E08.62	Diabetes mellitus due to underlying condition with skin complications	Diagnosis	ICD-10-CM
E08.620	Diabetes mellitus due to underlying condition with diabetic dermatitis	Diagnosis	ICD-10-CM
E08.621	Diabetes mellitus due to underlying condition with foot ulcer	Diagnosis	ICD-10-CM
E08.622	Diabetes mellitus due to underlying condition with other skin ulcer	Diagnosis	ICD-10-CM
E08.628	Diabetes mellitus due to underlying condition with other skin complications	Diagnosis	ICD-10-CM
E08.63	Diabetes mellitus due to underlying condition with oral complications	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
E08.630	Diabetes mellitus due to underlying condition with periodontal disease	Diagnosis	ICD-10-CM
E08.638	Diabetes mellitus due to underlying condition with other oral complications	Diagnosis	ICD-10-CM
E08.64	Diabetes mellitus due to underlying condition with hypoglycemia	Diagnosis	ICD-10-CM
E08.641	Diabetes mellitus due to underlying condition with hypoglycemia with coma	Diagnosis	ICD-10-CM
E08.649	Diabetes mellitus due to underlying condition with hypoglycemia without coma	Diagnosis	ICD-10-CM
E08.65	Diabetes mellitus due to underlying condition with hyperglycemia	Diagnosis	ICD-10-CM
E08.69	Diabetes mellitus due to underlying condition with other specified complication	Diagnosis	ICD-10-CM
E08.8	Diabetes mellitus due to underlying condition with unspecified complications	Diagnosis	ICD-10-CM
E08.9	Diabetes mellitus due to underlying condition without complications	Diagnosis	ICD-10-CM
E09.0	Drug or chemical induced diabetes mellitus with hyperosmolarity	Diagnosis	ICD-10-CM
E09.00	Drug or chemical induced diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)	Diagnosis	ICD-10-CM
E09.01	Drug or chemical induced diabetes mellitus with hyperosmolarity with coma	Diagnosis	ICD-10-CM
E09.1	Drug or chemical induced diabetes mellitus with ketoacidosis	Diagnosis	ICD-10-CM
E09.10	Drug or chemical induced diabetes mellitus with ketoacidosis without coma	Diagnosis	ICD-10-CM
E09.11	Drug or chemical induced diabetes mellitus with ketoacidosis with coma	Diagnosis	ICD-10-CM
E09.2	Drug or chemical induced diabetes mellitus with kidney complications	Diagnosis	ICD-10-CM
E09.21	Drug or chemical induced diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E09.22	Drug or chemical induced diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E09.29	Drug or chemical induced diabetes mellitus with other diabetic kidney complication	Diagnosis	ICD-10-CM
E09.3	Drug or chemical induced diabetes mellitus with ophthalmic complications	Diagnosis	ICD-10-CM
E09.31	Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy	Diagnosis	ICD-10-CM
E09.311	Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E09.319	Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E09.32	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E09.321	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E09.3211	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E09.3212	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E09.3213	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E09.3219	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E09.329	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E09.3291	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E09.3292	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
E09.3293	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E09.3299	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E09.33	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E09.331	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E09.3311	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E09.3312	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E09.3313	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E09.3319	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E09.339	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E09.3391	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E09.3392	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E09.3393	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E09.3399	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E09.34	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E09.341	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E09.3411	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E09.3412	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E09.3413	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E09.3419	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E09.349	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E09.3491	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E09.3492	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E09.3493	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
E09.3499	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E09.35	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E09.351	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E09.3511	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E09.3512	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E09.3513	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E09.3519	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E09.352	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula	Diagnosis	ICD-10-CM
E09.3521	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	Diagnosis	ICD-10-CM
E09.3522	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	Diagnosis	ICD-10-CM
E09.3523	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral	Diagnosis	ICD-10-CM
E09.3529	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E09.353	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula	Diagnosis	ICD-10-CM
E09.3531	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye	Diagnosis	ICD-10-CM
E09.3532	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye	Diagnosis	ICD-10-CM
E09.3533	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral	Diagnosis	ICD-10-CM
E09.3539	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E09.354	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment	Diagnosis	ICD-10-CM
E09.3541	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye	Diagnosis	ICD-10-CM
E09.3542	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
E09.3543	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral	Diagnosis	ICD-10-CM
E09.3549	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye	Diagnosis	ICD-10-CM
E09.355	Drug or chemical induced diabetes mellitus with stable proliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E09.3551	Drug or chemical induced diabetes mellitus with stable proliferative diabetic retinopathy, right eye	Diagnosis	ICD-10-CM
E09.3552	Drug or chemical induced diabetes mellitus with stable proliferative diabetic retinopathy, left eye	Diagnosis	ICD-10-CM
E09.3553	Drug or chemical induced diabetes mellitus with stable proliferative diabetic retinopathy, bilateral	Diagnosis	ICD-10-CM
E09.3559	Drug or chemical induced diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye	Diagnosis	ICD-10-CM
E09.359	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E09.3591	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E09.3592	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E09.3593	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E09.3599	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E09.36	Drug or chemical induced diabetes mellitus with diabetic cataract	Diagnosis	ICD-10-CM
E09.37	Drug or chemical induced diabetes mellitus with diabetic macular edema, resolved following treatment	Diagnosis	ICD-10-CM
E09.37X1	Drug or chemical induced diabetes mellitus with diabetic macular edema, resolved following treatment, right eye	Diagnosis	ICD-10-CM
E09.37X2	Drug or chemical induced diabetes mellitus with diabetic macular edema, resolved following treatment, left eye	Diagnosis	ICD-10-CM
E09.37X3	Drug or chemical induced diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral	Diagnosis	ICD-10-CM
E09.37X9	Drug or chemical induced diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye	Diagnosis	ICD-10-CM
E09.39	Drug or chemical induced diabetes mellitus with other diabetic ophthalmic complication	Diagnosis	ICD-10-CM
E09.4	Drug or chemical induced diabetes mellitus with neurological complications	Diagnosis	ICD-10-CM
E09.40	Drug or chemical induced diabetes mellitus with neurological complications with diabetic neuropathy, unspecified	Diagnosis	ICD-10-CM
E09.41	Drug or chemical induced diabetes mellitus with neurological complications with diabetic mononeuropathy	Diagnosis	ICD-10-CM
E09.42	Drug or chemical induced diabetes mellitus with neurological complications with diabetic polyneuropathy	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
E09.43	Drug or chemical induced diabetes mellitus with neurological complications with diabetic autonomic (poly)neuropathy	Diagnosis	ICD-10-CM
E09.44	Drug or chemical induced diabetes mellitus with neurological complications with diabetic amyotrophy	Diagnosis	ICD-10-CM
E09.49	Drug or chemical induced diabetes mellitus with neurological complications with other diabetic neurological complication	Diagnosis	ICD-10-CM
E09.5	Drug or chemical induced diabetes mellitus with circulatory complications	Diagnosis	ICD-10-CM
E09.51	Drug or chemical induced diabetes mellitus with diabetic peripheral angiopathy without gangrene	Diagnosis	ICD-10-CM
E09.52	Drug or chemical induced diabetes mellitus with diabetic peripheral angiopathy with gangrene	Diagnosis	ICD-10-CM
E09.59	Drug or chemical induced diabetes mellitus with other circulatory complications	Diagnosis	ICD-10-CM
E09.6	Drug or chemical induced diabetes mellitus with other specified complications	Diagnosis	ICD-10-CM
E09.61	Drug or chemical induced diabetes mellitus with diabetic arthropathy	Diagnosis	ICD-10-CM
E09.610	Drug or chemical induced diabetes mellitus with diabetic neuropathic arthropathy	Diagnosis	ICD-10-CM
E09.618	Drug or chemical induced diabetes mellitus with other diabetic arthropathy	Diagnosis	ICD-10-CM
E09.62	Drug or chemical induced diabetes mellitus with skin complications	Diagnosis	ICD-10-CM
E09.620	Drug or chemical induced diabetes mellitus with diabetic dermatitis	Diagnosis	ICD-10-CM
E09.621	Drug or chemical induced diabetes mellitus with foot ulcer	Diagnosis	ICD-10-CM
E09.622	Drug or chemical induced diabetes mellitus with other skin ulcer	Diagnosis	ICD-10-CM
E09.628	Drug or chemical induced diabetes mellitus with other skin complications	Diagnosis	ICD-10-CM
E09.63	Drug or chemical induced diabetes mellitus with oral complications	Diagnosis	ICD-10-CM
E09.630	Drug or chemical induced diabetes mellitus with periodontal disease	Diagnosis	ICD-10-CM
E09.638	Drug or chemical induced diabetes mellitus with other oral complications	Diagnosis	ICD-10-CM
E09.64	Drug or chemical induced diabetes mellitus with hypoglycemia	Diagnosis	ICD-10-CM
E09.641	Drug or chemical induced diabetes mellitus with hypoglycemia with coma	Diagnosis	ICD-10-CM
E09.649	Drug or chemical induced diabetes mellitus with hypoglycemia without coma	Diagnosis	ICD-10-CM
E09.65	Drug or chemical induced diabetes mellitus with hyperglycemia	Diagnosis	ICD-10-CM
E09.69	Drug or chemical induced diabetes mellitus with other specified complication	Diagnosis	ICD-10-CM
E09.8	Drug or chemical induced diabetes mellitus with unspecified complications	Diagnosis	ICD-10-CM
E09.9	Drug or chemical induced diabetes mellitus without complications	Diagnosis	ICD-10-CM
E10.1	Type 1 diabetes mellitus with ketoacidosis	Diagnosis	ICD-10-CM
E10.10	Type 1 diabetes mellitus with ketoacidosis without coma	Diagnosis	ICD-10-CM
E10.11	Type 1 diabetes mellitus with ketoacidosis with coma	Diagnosis	ICD-10-CM
E10.2	Type 1 diabetes mellitus with kidney complications	Diagnosis	ICD-10-CM
E10.21	Type 1 diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E10.22	Type 1 diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E10.29	Type 1 diabetes mellitus with other diabetic kidney complication	Diagnosis	ICD-10-CM
E10.3	Type 1 diabetes mellitus with ophthalmic complications	Diagnosis	ICD-10-CM
E10.31	Type 1 diabetes mellitus with unspecified diabetic retinopathy	Diagnosis	ICD-10-CM
E10.311	Type 1 diabetes mellitus with unspecified diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E10.319	Type 1 diabetes mellitus with unspecified diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E10.32	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
E10.321	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E10.3211	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E10.3212	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E10.3213	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3219	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.329	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E10.3291	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E10.3292	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E10.3293	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3299	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.33	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E10.331	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E10.3311	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E10.3312	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E10.3313	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3319	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.339	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E10.3391	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E10.3392	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E10.3393	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3399	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.34	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E10.341	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E10.3411	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
E10.3412	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E10.3413	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3419	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.349	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E10.3491	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E10.3492	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E10.3493	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3499	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.35	Type 1 diabetes mellitus with proliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E10.351	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E10.3511	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E10.3512	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E10.3513	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3519	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.352	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula	Diagnosis	ICD-10-CM
E10.3521	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	Diagnosis	ICD-10-CM
E10.3522	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	Diagnosis	ICD-10-CM
E10.3523	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral	Diagnosis	ICD-10-CM
E10.3529	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E10.353	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula	Diagnosis	ICD-10-CM
E10.3531	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye	Diagnosis	ICD-10-CM
E10.3532	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye	Diagnosis	ICD-10-CM
E10.3533	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
E10.3539	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E10.354	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment	Diagnosis	ICD-10-CM
E10.3541	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye	Diagnosis	ICD-10-CM
E10.3542	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye	Diagnosis	ICD-10-CM
E10.3543	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral	Diagnosis	ICD-10-CM
E10.3549	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye	Diagnosis	ICD-10-CM
E10.355	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E10.3551	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, right eye	Diagnosis	ICD-10-CM
E10.3552	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, left eye	Diagnosis	ICD-10-CM
E10.3553	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, bilateral	Diagnosis	ICD-10-CM
E10.3559	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye	Diagnosis	ICD-10-CM
E10.359	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E10.3591	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E10.3592	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E10.3593	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3599	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.36	Type 1 diabetes mellitus with diabetic cataract	Diagnosis	ICD-10-CM
E10.37	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment	Diagnosis	ICD-10-CM
E10.37X1	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, right eye	Diagnosis	ICD-10-CM
E10.37X2	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, left eye	Diagnosis	ICD-10-CM
E10.37X3	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral	Diagnosis	ICD-10-CM
E10.37X9	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye	Diagnosis	ICD-10-CM
E10.39	Type 1 diabetes mellitus with other diabetic ophthalmic complication	Diagnosis	ICD-10-CM
E10.4	Type 1 diabetes mellitus with neurological complications	Diagnosis	ICD-10-CM
E10.40	Type 1 diabetes mellitus with diabetic neuropathy, unspecified	Diagnosis	ICD-10-CM
E10.41	Type 1 diabetes mellitus with diabetic mononeuropathy	Diagnosis	ICD-10-CM
E10.42	Type 1 diabetes mellitus with diabetic polyneuropathy	Diagnosis	ICD-10-CM
E10.43	Type 1 diabetes mellitus with diabetic autonomic (poly)neuropathy	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
E10.44	Type 1 diabetes mellitus with diabetic amyotrophy	Diagnosis	ICD-10-CM
E10.49	Type 1 diabetes mellitus with other diabetic neurological complication	Diagnosis	ICD-10-CM
E10.5	Type 1 diabetes mellitus with circulatory complications	Diagnosis	ICD-10-CM
E10.51	Type 1 diabetes mellitus with diabetic peripheral angiopathy without gangrene	Diagnosis	ICD-10-CM
E10.52	Type 1 diabetes mellitus with diabetic peripheral angiopathy with gangrene	Diagnosis	ICD-10-CM
E10.59	Type 1 diabetes mellitus with other circulatory complications	Diagnosis	ICD-10-CM
E10.6	Type 1 diabetes mellitus with other specified complications	Diagnosis	ICD-10-CM
E10.61	Type 1 diabetes mellitus with diabetic arthropathy	Diagnosis	ICD-10-CM
E10.610	Type 1 diabetes mellitus with diabetic neuropathic arthropathy	Diagnosis	ICD-10-CM
E10.618	Type 1 diabetes mellitus with other diabetic arthropathy	Diagnosis	ICD-10-CM
E10.62	Type 1 diabetes mellitus with skin complications	Diagnosis	ICD-10-CM
E10.620	Type 1 diabetes mellitus with diabetic dermatitis	Diagnosis	ICD-10-CM
E10.621	Type 1 diabetes mellitus with foot ulcer	Diagnosis	ICD-10-CM
E10.622	Type 1 diabetes mellitus with other skin ulcer	Diagnosis	ICD-10-CM
E10.628	Type 1 diabetes mellitus with other skin complications	Diagnosis	ICD-10-CM
E10.63	Type 1 diabetes mellitus with oral complications	Diagnosis	ICD-10-CM
E10.630	Type 1 diabetes mellitus with periodontal disease	Diagnosis	ICD-10-CM
E10.638	Type 1 diabetes mellitus with other oral complications	Diagnosis	ICD-10-CM
E10.64	Type 1 diabetes mellitus with hypoglycemia	Diagnosis	ICD-10-CM
E10.641	Type 1 diabetes mellitus with hypoglycemia with coma	Diagnosis	ICD-10-CM
E10.649	Type 1 diabetes mellitus with hypoglycemia without coma	Diagnosis	ICD-10-CM
E10.65	Type 1 diabetes mellitus with hyperglycemia	Diagnosis	ICD-10-CM
E10.69	Type 1 diabetes mellitus with other specified complication	Diagnosis	ICD-10-CM
E10.8	Type 1 diabetes mellitus with unspecified complications	Diagnosis	ICD-10-CM
E10.9	Type 1 diabetes mellitus without complications	Diagnosis	ICD-10-CM
E11.0	Type 2 diabetes mellitus with hyperosmolarity	Diagnosis	ICD-10-CM
E11.00	Type 2 diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)	Diagnosis	ICD-10-CM
E11.01	Type 2 diabetes mellitus with hyperosmolarity with coma	Diagnosis	ICD-10-CM
E11.1	Type 2 diabetes mellitus with ketoacidosis	Diagnosis	ICD-10-CM
E11.10	Type 2 diabetes mellitus with ketoacidosis without coma	Diagnosis	ICD-10-CM
E11.11	Type 2 diabetes mellitus with ketoacidosis with coma	Diagnosis	ICD-10-CM
E11.2	Type 2 diabetes mellitus with kidney complications	Diagnosis	ICD-10-CM
E11.21	Type 2 diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E11.22	Type 2 diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E11.29	Type 2 diabetes mellitus with other diabetic kidney complication	Diagnosis	ICD-10-CM
E11.3	Type 2 diabetes mellitus with ophthalmic complications	Diagnosis	ICD-10-CM
E11.31	Type 2 diabetes mellitus with unspecified diabetic retinopathy	Diagnosis	ICD-10-CM
E11.311	Type 2 diabetes mellitus with unspecified diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E11.319	Type 2 diabetes mellitus with unspecified diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E11.32	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E11.321	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
E11.3211	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E11.3212	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E11.3213	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3219	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.329	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E11.3291	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E11.3292	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E11.3293	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3299	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.33	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E11.331	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E11.3311	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E11.3312	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E11.3313	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3319	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.339	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E11.3391	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E11.3392	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E11.3393	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3399	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.34	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E11.341	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E11.3411	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E11.3412	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
E11.3413	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3419	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.349	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E11.3491	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E11.3492	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E11.3493	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3499	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.35	Type 2 diabetes mellitus with proliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E11.351	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E11.3511	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E11.3512	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E11.3513	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3519	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.352	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula	Diagnosis	ICD-10-CM
E11.3521	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	Diagnosis	ICD-10-CM
E11.3522	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	Diagnosis	ICD-10-CM
E11.3523	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral	Diagnosis	ICD-10-CM
E11.3529	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E11.353	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula	Diagnosis	ICD-10-CM
E11.3531	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye	Diagnosis	ICD-10-CM
E11.3532	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye	Diagnosis	ICD-10-CM
E11.3533	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral	Diagnosis	ICD-10-CM
E11.3539	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
E11.354	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment	Diagnosis	ICD-10-CM
E11.3541	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye	Diagnosis	ICD-10-CM
E11.3542	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye	Diagnosis	ICD-10-CM
E11.3543	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral	Diagnosis	ICD-10-CM
E11.3549	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye	Diagnosis	ICD-10-CM
E11.355	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E11.3551	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, right eye	Diagnosis	ICD-10-CM
E11.3552	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, left eye	Diagnosis	ICD-10-CM
E11.3553	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, bilateral	Diagnosis	ICD-10-CM
E11.3559	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye	Diagnosis	ICD-10-CM
E11.359	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E11.3591	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E11.3592	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E11.3593	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3599	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.36	Type 2 diabetes mellitus with diabetic cataract	Diagnosis	ICD-10-CM
E11.37	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment	Diagnosis	ICD-10-CM
E11.37X1	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, right eye	Diagnosis	ICD-10-CM
E11.37X2	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, left eye	Diagnosis	ICD-10-CM
E11.37X3	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral	Diagnosis	ICD-10-CM
E11.37X9	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye	Diagnosis	ICD-10-CM
E11.39	Type 2 diabetes mellitus with other diabetic ophthalmic complication	Diagnosis	ICD-10-CM
E11.4	Type 2 diabetes mellitus with neurological complications	Diagnosis	ICD-10-CM
E11.40	Type 2 diabetes mellitus with diabetic neuropathy, unspecified	Diagnosis	ICD-10-CM
E11.41	Type 2 diabetes mellitus with diabetic mononeuropathy	Diagnosis	ICD-10-CM
E11.42	Type 2 diabetes mellitus with diabetic polyneuropathy	Diagnosis	ICD-10-CM
E11.43	Type 2 diabetes mellitus with diabetic autonomic (poly)neuropathy	Diagnosis	ICD-10-CM
E11.44	Type 2 diabetes mellitus with diabetic amyotrophy	Diagnosis	ICD-10-CM
E11.49	Type 2 diabetes mellitus with other diabetic neurological complication	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
E11.5	Type 2 diabetes mellitus with circulatory complications	Diagnosis	ICD-10-CM
E11.51	Type 2 diabetes mellitus with diabetic peripheral angiopathy without gangrene	Diagnosis	ICD-10-CM
E11.52	Type 2 diabetes mellitus with diabetic peripheral angiopathy with gangrene	Diagnosis	ICD-10-CM
E11.59	Type 2 diabetes mellitus with other circulatory complications	Diagnosis	ICD-10-CM
E11.6	Type 2 diabetes mellitus with other specified complications	Diagnosis	ICD-10-CM
E11.61	Type 2 diabetes mellitus with diabetic arthropathy	Diagnosis	ICD-10-CM
E11.610	Type 2 diabetes mellitus with diabetic neuropathic arthropathy	Diagnosis	ICD-10-CM
E11.618	Type 2 diabetes mellitus with other diabetic arthropathy	Diagnosis	ICD-10-CM
E11.62	Type 2 diabetes mellitus with skin complications	Diagnosis	ICD-10-CM
E11.620	Type 2 diabetes mellitus with diabetic dermatitis	Diagnosis	ICD-10-CM
E11.621	Type 2 diabetes mellitus with foot ulcer	Diagnosis	ICD-10-CM
E11.622	Type 2 diabetes mellitus with other skin ulcer	Diagnosis	ICD-10-CM
E11.628	Type 2 diabetes mellitus with other skin complications	Diagnosis	ICD-10-CM
E11.63	Type 2 diabetes mellitus with oral complications	Diagnosis	ICD-10-CM
E11.630	Type 2 diabetes mellitus with periodontal disease	Diagnosis	ICD-10-CM
E11.638	Type 2 diabetes mellitus with other oral complications	Diagnosis	ICD-10-CM
E11.64	Type 2 diabetes mellitus with hypoglycemia	Diagnosis	ICD-10-CM
E11.641	Type 2 diabetes mellitus with hypoglycemia with coma	Diagnosis	ICD-10-CM
E11.649	Type 2 diabetes mellitus with hypoglycemia without coma	Diagnosis	ICD-10-CM
E11.65	Type 2 diabetes mellitus with hyperglycemia	Diagnosis	ICD-10-CM
E11.69	Type 2 diabetes mellitus with other specified complication	Diagnosis	ICD-10-CM
E11.8	Type 2 diabetes mellitus with unspecified complications	Diagnosis	ICD-10-CM
E11.9	Type 2 diabetes mellitus without complications	Diagnosis	ICD-10-CM
E13.0	Other specified diabetes mellitus with hyperosmolarity	Diagnosis	ICD-10-CM
E13.00	Other specified diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)	Diagnosis	ICD-10-CM
E13.01	Other specified diabetes mellitus with hyperosmolarity with coma	Diagnosis	ICD-10-CM
E13.1	Other specified diabetes mellitus with ketoacidosis	Diagnosis	ICD-10-CM
E13.10	Other specified diabetes mellitus with ketoacidosis without coma	Diagnosis	ICD-10-CM
E13.11	Other specified diabetes mellitus with ketoacidosis with coma	Diagnosis	ICD-10-CM
E13.2	Other specified diabetes mellitus with kidney complications	Diagnosis	ICD-10-CM
E13.21	Other specified diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E13.22	Other specified diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E13.29	Other specified diabetes mellitus with other diabetic kidney complication	Diagnosis	ICD-10-CM
E13.3	Other specified diabetes mellitus with ophthalmic complications	Diagnosis	ICD-10-CM
E13.31	Other specified diabetes mellitus with unspecified diabetic retinopathy	Diagnosis	ICD-10-CM
E13.311	Other specified diabetes mellitus with unspecified diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E13.319	Other specified diabetes mellitus with unspecified diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E13.32	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E13.321	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E13.3211	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
E13.3212	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E13.3213	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3219	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.329	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E13.3291	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E13.3292	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E13.3293	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3299	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.33	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E13.331	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E13.3311	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E13.3312	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E13.3313	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3319	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.339	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E13.3391	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E13.3392	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E13.3393	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3399	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.34	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E13.341	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E13.3411	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E13.3412	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
E13.3413	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3419	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.349	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E13.3491	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E13.3492	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E13.3493	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3499	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.35	Other specified diabetes mellitus with proliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E13.351	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E13.3511	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E13.3512	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E13.3513	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3519	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.352	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula	Diagnosis	ICD-10-CM
E13.3521	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	Diagnosis	ICD-10-CM
E13.3522	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	Diagnosis	ICD-10-CM
E13.3523	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral	Diagnosis	ICD-10-CM
E13.3529	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E13.353	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula	Diagnosis	ICD-10-CM
E13.3531	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye	Diagnosis	ICD-10-CM
E13.3532	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye	Diagnosis	ICD-10-CM
E13.3533	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral	Diagnosis	ICD-10-CM
E13.3539	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
E13.354	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment	Diagnosis	ICD-10-CM
E13.3541	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye	Diagnosis	ICD-10-CM
E13.3542	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye	Diagnosis	ICD-10-CM
E13.3543	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral	Diagnosis	ICD-10-CM
E13.3549	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye	Diagnosis	ICD-10-CM
E13.355	Other specified diabetes mellitus with stable proliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E13.3551	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, right eye	Diagnosis	ICD-10-CM
E13.3552	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, left eye	Diagnosis	ICD-10-CM
E13.3553	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, bilateral	Diagnosis	ICD-10-CM
E13.3559	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye	Diagnosis	ICD-10-CM
E13.359	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E13.3591	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E13.3592	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E13.3593	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3599	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.36	Other specified diabetes mellitus with diabetic cataract	Diagnosis	ICD-10-CM
E13.37	Other specified diabetes mellitus with diabetic macular edema, resolved following treatment	Diagnosis	ICD-10-CM
E13.37X1	Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, right eye	Diagnosis	ICD-10-CM
E13.37X2	Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, left eye	Diagnosis	ICD-10-CM
E13.37X3	Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral	Diagnosis	ICD-10-CM
E13.37X9	Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye	Diagnosis	ICD-10-CM
E13.39	Other specified diabetes mellitus with other diabetic ophthalmic complication	Diagnosis	ICD-10-CM
E13.4	Other specified diabetes mellitus with neurological complications	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
E13.40	Other specified diabetes mellitus with diabetic neuropathy, unspecified	Diagnosis	ICD-10-CM
E13.41	Other specified diabetes mellitus with diabetic mononeuropathy	Diagnosis	ICD-10-CM
E13.42	Other specified diabetes mellitus with diabetic polyneuropathy	Diagnosis	ICD-10-CM
E13.43	Other specified diabetes mellitus with diabetic autonomic (poly)neuropathy	Diagnosis	ICD-10-CM
E13.44	Other specified diabetes mellitus with diabetic amyotrophy	Diagnosis	ICD-10-CM
E13.49	Other specified diabetes mellitus with other diabetic neurological complication	Diagnosis	ICD-10-CM
E13.5	Other specified diabetes mellitus with circulatory complications	Diagnosis	ICD-10-CM
E13.51	Other specified diabetes mellitus with diabetic peripheral angiopathy without gangrene	Diagnosis	ICD-10-CM
E13.52	Other specified diabetes mellitus with diabetic peripheral angiopathy with gangrene	Diagnosis	ICD-10-CM
E13.59	Other specified diabetes mellitus with other circulatory complications	Diagnosis	ICD-10-CM
E13.6	Other specified diabetes mellitus with other specified complications	Diagnosis	ICD-10-CM
E13.61	Other specified diabetes mellitus with diabetic arthropathy	Diagnosis	ICD-10-CM
E13.610	Other specified diabetes mellitus with diabetic neuropathic arthropathy	Diagnosis	ICD-10-CM
E13.618	Other specified diabetes mellitus with other diabetic arthropathy	Diagnosis	ICD-10-CM
E13.62	Other specified diabetes mellitus with skin complications	Diagnosis	ICD-10-CM
E13.620	Other specified diabetes mellitus with diabetic dermatitis	Diagnosis	ICD-10-CM
E13.621	Other specified diabetes mellitus with foot ulcer	Diagnosis	ICD-10-CM
E13.622	Other specified diabetes mellitus with other skin ulcer	Diagnosis	ICD-10-CM
E13.628	Other specified diabetes mellitus with other skin complications	Diagnosis	ICD-10-CM
E13.63	Other specified diabetes mellitus with oral complications	Diagnosis	ICD-10-CM
E13.630	Other specified diabetes mellitus with periodontal disease	Diagnosis	ICD-10-CM
E13.638	Other specified diabetes mellitus with other oral complications	Diagnosis	ICD-10-CM
E13.64	Other specified diabetes mellitus with hypoglycemia	Diagnosis	ICD-10-CM
E13.641	Other specified diabetes mellitus with hypoglycemia with coma	Diagnosis	ICD-10-CM
E13.649	Other specified diabetes mellitus with hypoglycemia without coma	Diagnosis	ICD-10-CM
E13.65	Other specified diabetes mellitus with hyperglycemia	Diagnosis	ICD-10-CM
E13.69	Other specified diabetes mellitus with other specified complication	Diagnosis	ICD-10-CM
E13.8	Other specified diabetes mellitus with unspecified complications	Diagnosis	ICD-10-CM
E13.9	Other specified diabetes mellitus without complications	Diagnosis	ICD-10-CM
Cystic Fibrosis			
E84	CYSTIC FIBROSIS	Diagnosis	ICD-10-CM
E84.0	CYSTIC FIBROSIS WITH PULMONARY MANIFESTATIONS	Diagnosis	ICD-10-CM
E84.1	CYSTIC FIBROSIS WITH INTESTINAL MANIFESTATIONS	Diagnosis	ICD-10-CM
E84.11	MECONIUM ILEUS IN CYSTIC FIBROSIS	Diagnosis	ICD-10-CM
E84.19	CYSTIC FIBROSIS W/OTH INTESTINAL MANIFESTATIONS	Diagnosis	ICD-10-CM
E84.8	CYSTIC FIBROSIS WITH OTHER MANIFESTATIONS	Diagnosis	ICD-10-CM
E84.9	CYSTIC FIBROSIS UNSPECIFIED	Diagnosis	ICD-10-CM
Alcohol Use/Abuse			
F10	Alcohol related disorders	Diagnosis	ICD-10-CM
F10.1	Alcohol abuse	Diagnosis	ICD-10-CM
F10.10	Alcohol abuse, uncomplicated	Diagnosis	ICD-10-CM
F10.11	Alcohol abuse, in remission	Diagnosis	ICD-10-CM
F10.12	Alcohol abuse with intoxication	Diagnosis	ICD-10-CM
F10.120	Alcohol abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
F10.121	Alcohol abuse with intoxication delirium	Diagnosis	ICD-10-CM
F10.129	Alcohol abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F10.14	Alcohol abuse with alcohol-induced mood disorder	Diagnosis	ICD-10-CM
F10.15	Alcohol abuse with alcohol-induced psychotic disorder	Diagnosis	ICD-10-CM
F10.150	Alcohol abuse with alcohol-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F10.151	Alcohol abuse with alcohol-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F10.159	Alcohol abuse with alcohol-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F10.18	Alcohol abuse with other alcohol-induced disorders	Diagnosis	ICD-10-CM
F10.180	Alcohol abuse with alcohol-induced anxiety disorder	Diagnosis	ICD-10-CM
F10.181	Alcohol abuse with alcohol-induced sexual dysfunction	Diagnosis	ICD-10-CM
F10.182	Alcohol abuse with alcohol-induced sleep disorder	Diagnosis	ICD-10-CM
F10.188	Alcohol abuse with other alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.19	Alcohol abuse with unspecified alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.2	Alcohol dependence	Diagnosis	ICD-10-CM
F10.20	Alcohol dependence, uncomplicated	Diagnosis	ICD-10-CM
F10.21	Alcohol dependence, in remission	Diagnosis	ICD-10-CM
F10.22	Alcohol dependence with intoxication	Diagnosis	ICD-10-CM
F10.220	Alcohol dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F10.221	Alcohol dependence with intoxication delirium	Diagnosis	ICD-10-CM
F10.229	Alcohol dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F10.23	Alcohol dependence with withdrawal	Diagnosis	ICD-10-CM
F10.230	Alcohol dependence with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F10.231	Alcohol dependence with withdrawal delirium	Diagnosis	ICD-10-CM
F10.232	Alcohol dependence with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F10.239	Alcohol dependence with withdrawal, unspecified	Diagnosis	ICD-10-CM
F10.24	Alcohol dependence with alcohol-induced mood disorder	Diagnosis	ICD-10-CM
F10.25	Alcohol dependence with alcohol-induced psychotic disorder	Diagnosis	ICD-10-CM
F10.250	Alcohol dependence with alcohol-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F10.251	Alcohol dependence with alcohol-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F10.259	Alcohol dependence with alcohol-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F10.26	Alcohol dependence with alcohol-induced persisting amnestic disorder	Diagnosis	ICD-10-CM
F10.27	Alcohol dependence with alcohol-induced persisting dementia	Diagnosis	ICD-10-CM
F10.28	Alcohol dependence with other alcohol-induced disorders	Diagnosis	ICD-10-CM
F10.280	Alcohol dependence with alcohol-induced anxiety disorder	Diagnosis	ICD-10-CM
F10.281	Alcohol dependence with alcohol-induced sexual dysfunction	Diagnosis	ICD-10-CM
F10.282	Alcohol dependence with alcohol-induced sleep disorder	Diagnosis	ICD-10-CM
F10.288	Alcohol dependence with other alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.29	Alcohol dependence with unspecified alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.9	Alcohol use, unspecified	Diagnosis	ICD-10-CM
F10.92	Alcohol use, unspecified with intoxication	Diagnosis	ICD-10-CM
F10.920	Alcohol use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F10.921	Alcohol use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F10.929	Alcohol use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F10.94	Alcohol use, unspecified with alcohol-induced mood disorder	Diagnosis	ICD-10-CM
F10.95	Alcohol use, unspecified with alcohol-induced psychotic disorder	Diagnosis	ICD-10-CM
F10.950	Alcohol use, unspecified with alcohol-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
F10.951	Alcohol use, unspecified with alcohol-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F10.959	Alcohol use, unspecified with alcohol-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F10.96	Alcohol use, unspecified with alcohol-induced persisting amnesic disorder	Diagnosis	ICD-10-CM
F10.97	Alcohol use, unspecified with alcohol-induced persisting dementia	Diagnosis	ICD-10-CM
F10.98	Alcohol use, unspecified with other alcohol-induced disorders	Diagnosis	ICD-10-CM
F10.980	Alcohol use, unspecified with alcohol-induced anxiety disorder	Diagnosis	ICD-10-CM
F10.981	Alcohol use, unspecified with alcohol-induced sexual dysfunction	Diagnosis	ICD-10-CM
F10.982	Alcohol use, unspecified with alcohol-induced sleep disorder	Diagnosis	ICD-10-CM
F10.988	Alcohol use, unspecified with other alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.99	Alcohol use, unspecified with unspecified alcohol-induced disorder	Diagnosis	ICD-10-CM
G62.1	Alcoholic polyneuropathy	Diagnosis	ICD-10-CM
HZ2ZZZZ	Detoxification Services for Substance Abuse Treatment	Procedure	ICD-10-PCS
HZ30ZZZ	Individual Counseling for Substance Abuse Treatment, Cognitive	Procedure	ICD-10-PCS
HZ31ZZZ	Individual Counseling for Substance Abuse Treatment, Behavioral	Procedure	ICD-10-PCS
HZ32ZZZ	Individual Counseling for Substance Abuse Treatment, Cognitive-Behavioral	Procedure	ICD-10-PCS
HZ33ZZZ	Individual Counseling for Substance Abuse Treatment, 12-Step	Procedure	ICD-10-PCS
HZ34ZZZ	Individual Counseling for Substance Abuse Treatment, Interpersonal	Procedure	ICD-10-PCS
HZ35ZZZ	Individual Counseling for Substance Abuse Treatment, Vocational	Procedure	ICD-10-PCS
HZ36ZZZ	Individual Counseling for Substance Abuse Treatment, Psychoeducation	Procedure	ICD-10-PCS
HZ37ZZZ	Individual Counseling for Substance Abuse Treatment, Motivational Enhancement	Procedure	ICD-10-PCS
HZ38ZZZ	Individual Counseling for Substance Abuse Treatment, Confrontational	Procedure	ICD-10-PCS
HZ39ZZZ	Individual Counseling for Substance Abuse Treatment, Continuing Care	Procedure	ICD-10-PCS
HZ3BZZZ	Individual Counseling for Substance Abuse Treatment, Spiritual	Procedure	ICD-10-PCS
HZ40ZZZ	Group Counseling for Substance Abuse Treatment, Cognitive	Procedure	ICD-10-PCS
HZ41ZZZ	Group Counseling for Substance Abuse Treatment, Behavioral	Procedure	ICD-10-PCS
HZ42ZZZ	Group Counseling for Substance Abuse Treatment, Cognitive-Behavioral	Procedure	ICD-10-PCS
HZ43ZZZ	Group Counseling for Substance Abuse Treatment, 12-Step	Procedure	ICD-10-PCS
HZ44ZZZ	Group Counseling for Substance Abuse Treatment, Interpersonal	Procedure	ICD-10-PCS
HZ45ZZZ	Group Counseling for Substance Abuse Treatment, Vocational	Procedure	ICD-10-PCS
HZ46ZZZ	Group Counseling for Substance Abuse Treatment, Psychoeducation	Procedure	ICD-10-PCS
HZ47ZZZ	Group Counseling for Substance Abuse Treatment, Motivational Enhancement	Procedure	ICD-10-PCS
HZ48ZZZ	Group Counseling for Substance Abuse Treatment, Confrontational	Procedure	ICD-10-PCS
HZ49ZZZ	Group Counseling for Substance Abuse Treatment, Continuing Care	Procedure	ICD-10-PCS
HZ4BZZZ	Group Counseling for Substance Abuse Treatment, Spiritual	Procedure	ICD-10-PCS
HZ50ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Cognitive	Procedure	ICD-10-PCS
HZ51ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Behavioral	Procedure	ICD-10-PCS
HZ52ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Cognitive-Behavioral	Procedure	ICD-10-PCS
HZ53ZZZ	Individual Psychotherapy for Substance Abuse Treatment, 12-Step	Procedure	ICD-10-PCS
HZ54ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Interpersonal	Procedure	ICD-10-PCS
HZ55ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Interactive	Procedure	ICD-10-PCS
HZ56ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Psychoeducation	Procedure	ICD-10-PCS
HZ57ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Motivational Enhancement	Procedure	ICD-10-PCS
HZ58ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Confrontational	Procedure	ICD-10-PCS

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
HZ59ZZZ	Individual Psychotherapy for Substance Abuse Treatment, Supportive	Procedure	ICD-10-PCS
HZ5BZZZ	Individual Psychotherapy for Substance Abuse Treatment, Psychoanalysis	Procedure	ICD-10-PCS
HZ5CZZZ	Individual Psychotherapy for Substance Abuse Treatment, Psychodynamic	Procedure	ICD-10-PCS
HZ5DZZZ	Individual Psychotherapy for Substance Abuse Treatment, Psychophysiological	Procedure	ICD-10-PCS
HZ63ZZZ	Family Counseling for Substance Abuse Treatment	Procedure	ICD-10-PCS
HZ83ZZZ	Medication Management for Substance Abuse Treatment, Antabuse	Procedure	ICD-10-PCS
HZ86ZZZ	Medication Management for Substance Abuse Treatment, Clonidine	Procedure	ICD-10-PCS
HZ88ZZZ	Medication Management for Substance Abuse Treatment, Psychiatric Medication	Procedure	ICD-10-PCS
HZ89ZZZ	Medication Management for Substance Abuse Treatment, Other Replacement Medication	Procedure	ICD-10-PCS
HZ93ZZZ	Pharmacotherapy for Substance Abuse Treatment, Antabuse	Procedure	ICD-10-PCS
HZ96ZZZ	Pharmacotherapy for Substance Abuse Treatment, Clonidine	Procedure	ICD-10-PCS
HZ98ZZZ	Pharmacotherapy for Substance Abuse Treatment, Psychiatric Medication	Procedure	ICD-10-PCS
HZ99ZZZ	Pharmacotherapy for Substance Abuse Treatment, Other Replacement Medication	Procedure	ICD-10-PCS
I42.6	Alcoholic cardiomyopathy	Diagnosis	ICD-10-CM
K29.2	Alcoholic gastritis	Diagnosis	ICD-10-CM
K29.20	Alcoholic gastritis without bleeding	Diagnosis	ICD-10-CM
K29.21	Alcoholic gastritis with bleeding	Diagnosis	ICD-10-CM
K70.0	Alcoholic fatty liver	Diagnosis	ICD-10-CM
K70.10	Alcoholic hepatitis without ascites	Diagnosis	ICD-10-CM
K70.11	Alcoholic hepatitis with ascites	Diagnosis	ICD-10-CM
K70.2	Alcoholic fibrosis and sclerosis of liver	Diagnosis	ICD-10-CM
K70.3	Alcoholic cirrhosis of liver	Diagnosis	ICD-10-CM
K70.30	Alcoholic cirrhosis of liver without ascites	Diagnosis	ICD-10-CM
K70.31	Alcoholic cirrhosis of liver with ascites	Diagnosis	ICD-10-CM
K70.40	Alcoholic hepatic failure without coma	Diagnosis	ICD-10-CM
K70.41	Alcoholic hepatic failure with coma	Diagnosis	ICD-10-CM
K70.9	Alcoholic liver disease, unspecified	Diagnosis	ICD-10-CM
R78.0	Finding of alcohol in blood	Diagnosis	ICD-10-CM
T51	Toxic effect of alcohol	Diagnosis	ICD-10-CM
T51.0	Toxic effect of ethanol	Diagnosis	ICD-10-CM
T51.0X	Toxic effect of ethanol	Diagnosis	ICD-10-CM
T51.0X1	Toxic effect of ethanol, accidental (unintentional)	Diagnosis	ICD-10-CM
T51.0X1A	Toxic effect of ethanol, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T51.0X1D	Toxic effect of ethanol, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T51.0X1S	Toxic effect of ethanol, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T51.0X2	Toxic effect of ethanol, intentional self-harm	Diagnosis	ICD-10-CM
T51.0X2A	Toxic effect of ethanol, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T51.0X2D	Toxic effect of ethanol, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T51.0X2S	Toxic effect of ethanol, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T51.0X3	Toxic effect of ethanol, assault	Diagnosis	ICD-10-CM
T51.0X3A	Toxic effect of ethanol, assault, initial encounter	Diagnosis	ICD-10-CM
T51.0X3D	Toxic effect of ethanol, assault, subsequent encounter	Diagnosis	ICD-10-CM
T51.0X3S	Toxic effect of ethanol, assault, sequela	Diagnosis	ICD-10-CM
T51.0X4	Toxic effect of ethanol, undetermined	Diagnosis	ICD-10-CM
T51.0X4A	Toxic effect of ethanol, undetermined, initial encounter	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
T51.0X4D	Toxic effect of ethanol, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T51.0X4S	Toxic effect of ethanol, undetermined, sequela	Diagnosis	ICD-10-CM
T51.8	Toxic effect of other alcohols	Diagnosis	ICD-10-CM
T51.8X	Toxic effect of other alcohols	Diagnosis	ICD-10-CM
T51.8X1	Toxic effect of other alcohols, accidental (unintentional)	Diagnosis	ICD-10-CM
T51.8X1A	Toxic effect of other alcohols, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T51.8X1D	Toxic effect of other alcohols, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T51.8X1S	Toxic effect of other alcohols, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T51.8X2	Toxic effect of other alcohols, intentional self-harm	Diagnosis	ICD-10-CM
T51.8X2A	Toxic effect of other alcohols, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T51.8X2D	Toxic effect of other alcohols, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T51.8X2S	Toxic effect of other alcohols, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T51.8X3	Toxic effect of other alcohols, assault	Diagnosis	ICD-10-CM
T51.8X3A	Toxic effect of other alcohols, assault, initial encounter	Diagnosis	ICD-10-CM
T51.8X3D	Toxic effect of other alcohols, assault, subsequent encounter	Diagnosis	ICD-10-CM
T51.8X3S	Toxic effect of other alcohols, assault, sequela	Diagnosis	ICD-10-CM
T51.8X4	Toxic effect of other alcohols, undetermined	Diagnosis	ICD-10-CM
T51.8X4A	Toxic effect of other alcohols, undetermined, initial encounter	Diagnosis	ICD-10-CM
T51.8X4D	Toxic effect of other alcohols, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T51.8X4S	Toxic effect of other alcohols, undetermined, sequela	Diagnosis	ICD-10-CM
T51.9	Toxic effect of unspecified alcohol	Diagnosis	ICD-10-CM
T51.91	Toxic effect of unspecified alcohol, accidental (unintentional)	Diagnosis	ICD-10-CM
T51.91XA	Toxic effect of unspecified alcohol, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T51.91XD	Toxic effect of unspecified alcohol, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T51.91XS	Toxic effect of unspecified alcohol, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T51.92	Toxic effect of unspecified alcohol, intentional self-harm	Diagnosis	ICD-10-CM
T51.92XA	Toxic effect of unspecified alcohol, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T51.92XD	Toxic effect of unspecified alcohol, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T51.92XS	Toxic effect of unspecified alcohol, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T51.93	Toxic effect of unspecified alcohol, assault	Diagnosis	ICD-10-CM
T51.93XA	Toxic effect of unspecified alcohol, assault, initial encounter	Diagnosis	ICD-10-CM
T51.93XD	Toxic effect of unspecified alcohol, assault, subsequent encounter	Diagnosis	ICD-10-CM
T51.93XS	Toxic effect of unspecified alcohol, assault, sequela	Diagnosis	ICD-10-CM
T51.94	Toxic effect of unspecified alcohol, undetermined	Diagnosis	ICD-10-CM
T51.94XA	Toxic effect of unspecified alcohol, undetermined, initial encounter	Diagnosis	ICD-10-CM
T51.94XD	Toxic effect of unspecified alcohol, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T51.94XS	Toxic effect of unspecified alcohol, undetermined, sequela	Diagnosis	ICD-10-CM
Z65.8	Other specified problems related to psychosocial circumstances	Diagnosis	ICD-10-CM
Z71.4	Alcohol abuse counseling and surveillance	Diagnosis	ICD-10-CM
Drug Abuse/Dependence			
F11.10	Opioid abuse, uncomplicated	Diagnosis	ICD-10-CM
F11.11	Opioid abuse, in remission	Diagnosis	ICD-10-CM
F11.120	Opioid abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F11.121	Opioid abuse with intoxication delirium	Diagnosis	ICD-10-CM
F11.122	Opioid abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
F11.129	Opioid abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F11.14	Opioid abuse with opioid-induced mood disorder	Diagnosis	ICD-10-CM
F11.150	Opioid abuse with opioid-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F11.151	Opioid abuse with opioid-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F11.159	Opioid abuse with opioid-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F11.181	Opioid abuse with opioid-induced sexual dysfunction	Diagnosis	ICD-10-CM
F11.182	Opioid abuse with opioid-induced sleep disorder	Diagnosis	ICD-10-CM
F11.188	Opioid abuse with other opioid-induced disorder	Diagnosis	ICD-10-CM
F11.19	Opioid abuse with unspecified opioid-induced disorder	Diagnosis	ICD-10-CM
F11.220	Opioid dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F11.221	Opioid dependence with intoxication delirium	Diagnosis	ICD-10-CM
F11.222	Opioid dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F11.229	Opioid dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F11.23	Opioid dependence with withdrawal	Diagnosis	ICD-10-CM
F11.24	Opioid dependence with opioid-induced mood disorder	Diagnosis	ICD-10-CM
F11.250	Opioid dependence with opioid-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F11.251	Opioid dependence with opioid-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F11.259	Opioid dependence with opioid-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F11.281	Opioid dependence with opioid-induced sexual dysfunction	Diagnosis	ICD-10-CM
F11.282	Opioid dependence with opioid-induced sleep disorder	Diagnosis	ICD-10-CM
F11.288	Opioid dependence with other opioid-induced disorder	Diagnosis	ICD-10-CM
F11.29	Opioid dependence with unspecified opioid-induced disorder	Diagnosis	ICD-10-CM
F11.90	Opioid use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F11.920	Opioid use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F11.921	Opioid use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F11.922	Opioid use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F11.929	Opioid use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F11.93	Opioid use, unspecified with withdrawal	Diagnosis	ICD-10-CM
F11.94	Opioid use, unspecified with opioid-induced mood disorder	Diagnosis	ICD-10-CM
F11.950	Opioid use, unspecified with opioid-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F11.951	Opioid use, unspecified with opioid-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F11.959	Opioid use, unspecified with opioid-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F11.981	Opioid use, unspecified with opioid-induced sexual dysfunction	Diagnosis	ICD-10-CM
F11.982	Opioid use, unspecified with opioid-induced sleep disorder	Diagnosis	ICD-10-CM
F11.988	Opioid use, unspecified with other opioid-induced disorder	Diagnosis	ICD-10-CM
F11.99	Opioid use, unspecified with unspecified opioid-induced disorder	Diagnosis	ICD-10-CM
F12.10	Cannabis abuse, uncomplicated	Diagnosis	ICD-10-CM
F12.11	Cannabis abuse, in remission	Diagnosis	ICD-10-CM
F12.120	Cannabis abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F12.121	Cannabis abuse with intoxication delirium	Diagnosis	ICD-10-CM
F12.122	Cannabis abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F12.129	Cannabis abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F12.150	Cannabis abuse with psychotic disorder with delusions	Diagnosis	ICD-10-CM
F12.151	Cannabis abuse with psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F12.159	Cannabis abuse with psychotic disorder, unspecified	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
F12.180	Cannabis abuse with cannabis-induced anxiety disorder	Diagnosis	ICD-10-CM
F12.188	Cannabis abuse with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.19	Cannabis abuse with unspecified cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.220	Cannabis dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F12.221	Cannabis dependence with intoxication delirium	Diagnosis	ICD-10-CM
F12.222	Cannabis dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F12.229	Cannabis dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F12.250	Cannabis dependence with psychotic disorder with delusions	Diagnosis	ICD-10-CM
F12.251	Cannabis dependence with psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F12.259	Cannabis dependence with psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F12.280	Cannabis dependence with cannabis-induced anxiety disorder	Diagnosis	ICD-10-CM
F12.288	Cannabis dependence with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.29	Cannabis dependence with unspecified cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.90	Cannabis use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F12.920	Cannabis use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F12.921	Cannabis use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F12.922	Cannabis use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F12.929	Cannabis use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F12.950	Cannabis use, unspecified with psychotic disorder with delusions	Diagnosis	ICD-10-CM
F12.951	Cannabis use, unspecified with psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F12.959	Cannabis use, unspecified with psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F12.980	Cannabis use, unspecified with anxiety disorder	Diagnosis	ICD-10-CM
F12.988	Cannabis use, unspecified with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.99	Cannabis use, unspecified with unspecified cannabis-induced disorder	Diagnosis	ICD-10-CM
F13.10	Sedative, hypnotic or anxiolytic abuse, uncomplicated	Diagnosis	ICD-10-CM
F13.11	Sedative, hypnotic or anxiolytic abuse, in remission	Diagnosis	ICD-10-CM
F13.120	Sedative, hypnotic or anxiolytic abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F13.121	Sedative, hypnotic or anxiolytic abuse with intoxication delirium	Diagnosis	ICD-10-CM
F13.129	Sedative, hypnotic or anxiolytic abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F13.14	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced mood disorder	Diagnosis	ICD-10-CM
F13.150	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F13.151	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F13.159	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F13.180	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced anxiety disorder	Diagnosis	ICD-10-CM
F13.181	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced sexual dysfunction	Diagnosis	ICD-10-CM
F13.182	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced sleep disorder	Diagnosis	ICD-10-CM
F13.188	Sedative, hypnotic or anxiolytic abuse with other sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
F13.19	Sedative, hypnotic or anxiolytic abuse with unspecified sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
F13.220	Sedative, hypnotic or anxiolytic dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F13.221	Sedative, hypnotic or anxiolytic dependence with intoxication delirium	Diagnosis	ICD-10-CM
F13.229	Sedative, hypnotic or anxiolytic dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F13.230	Sedative, hypnotic or anxiolytic dependence with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F13.231	Sedative, hypnotic or anxiolytic dependence with withdrawal delirium	Diagnosis	ICD-10-CM
F13.232	Sedative, hypnotic or anxiolytic dependence with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F13.239	Sedative, hypnotic or anxiolytic dependence with withdrawal, unspecified	Diagnosis	ICD-10-CM
F13.24	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced mood disorder	Diagnosis	ICD-10-CM
F13.250	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F13.251	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F13.259	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F13.26	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced persisting amnestic disorder	Diagnosis	ICD-10-CM
F13.27	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced persisting dementia	Diagnosis	ICD-10-CM
F13.280	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced anxiety disorder	Diagnosis	ICD-10-CM
F13.281	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced sexual dysfunction	Diagnosis	ICD-10-CM
F13.282	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced sleep disorder	Diagnosis	ICD-10-CM
F13.288	Sedative, hypnotic or anxiolytic dependence with other sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
F13.29	Sedative, hypnotic or anxiolytic dependence with unspecified sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
F13.90	Sedative, hypnotic, or anxiolytic use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F13.920	Sedative, hypnotic or anxiolytic use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F13.921	Sedative, hypnotic or anxiolytic use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F13.929	Sedative, hypnotic or anxiolytic use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F13.930	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F13.931	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal delirium	Diagnosis	ICD-10-CM
F13.932	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal with perceptual disturbances	Diagnosis	ICD-10-CM
F13.939	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal, unspecified	Diagnosis	ICD-10-CM
F13.94	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced mood disorder	Diagnosis	ICD-10-CM
F13.950	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
F13.951	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F13.959	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F13.96	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced persisting amnesic disorder	Diagnosis	ICD-10-CM
F13.97	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced persisting dementia	Diagnosis	ICD-10-CM
F13.980	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced anxiety disorder	Diagnosis	ICD-10-CM
F13.981	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced sexual dysfunction	Diagnosis	ICD-10-CM
F13.982	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced sleep disorder	Diagnosis	ICD-10-CM
F13.988	Sedative, hypnotic or anxiolytic use, unspecified with other sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
F13.99	Sedative, hypnotic or anxiolytic use, unspecified with unspecified sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
F14.10	Cocaine abuse, uncomplicated	Diagnosis	ICD-10-CM
F14.11	Cocaine abuse, in remission	Diagnosis	ICD-10-CM
F14.120	Cocaine abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F14.121	Cocaine abuse with intoxication with delirium	Diagnosis	ICD-10-CM
F14.122	Cocaine abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F14.129	Cocaine abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F14.14	Cocaine abuse with cocaine-induced mood disorder	Diagnosis	ICD-10-CM
F14.150	Cocaine abuse with cocaine-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F14.151	Cocaine abuse with cocaine-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F14.159	Cocaine abuse with cocaine-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F14.180	Cocaine abuse with cocaine-induced anxiety disorder	Diagnosis	ICD-10-CM
F14.181	Cocaine abuse with cocaine-induced sexual dysfunction	Diagnosis	ICD-10-CM
F14.182	Cocaine abuse with cocaine-induced sleep disorder	Diagnosis	ICD-10-CM
F14.188	Cocaine abuse with other cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.19	Cocaine abuse with unspecified cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.220	Cocaine dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F14.221	Cocaine dependence with intoxication delirium	Diagnosis	ICD-10-CM
F14.222	Cocaine dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F14.229	Cocaine dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F14.23	Cocaine dependence with withdrawal	Diagnosis	ICD-10-CM
F14.24	Cocaine dependence with cocaine-induced mood disorder	Diagnosis	ICD-10-CM
F14.250	Cocaine dependence with cocaine-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F14.251	Cocaine dependence with cocaine-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F14.259	Cocaine dependence with cocaine-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F14.280	Cocaine dependence with cocaine-induced anxiety disorder	Diagnosis	ICD-10-CM
F14.281	Cocaine dependence with cocaine-induced sexual dysfunction	Diagnosis	ICD-10-CM
F14.282	Cocaine dependence with cocaine-induced sleep disorder	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
F14.288	Cocaine dependence with other cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.29	Cocaine dependence with unspecified cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.90	Cocaine use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F14.920	Cocaine use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F14.921	Cocaine use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F14.922	Cocaine use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F14.929	Cocaine use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F14.94	Cocaine use, unspecified with cocaine-induced mood disorder	Diagnosis	ICD-10-CM
F14.950	Cocaine use, unspecified with cocaine-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F14.951	Cocaine use, unspecified with cocaine-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F14.959	Cocaine use, unspecified with cocaine-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F14.980	Cocaine use, unspecified with cocaine-induced anxiety disorder	Diagnosis	ICD-10-CM
F14.981	Cocaine use, unspecified with cocaine-induced sexual dysfunction	Diagnosis	ICD-10-CM
F14.982	Cocaine use, unspecified with cocaine-induced sleep disorder	Diagnosis	ICD-10-CM
F14.988	Cocaine use, unspecified with other cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.99	Cocaine use, unspecified with unspecified cocaine-induced disorder	Diagnosis	ICD-10-CM
F15.10	Other stimulant abuse, uncomplicated	Diagnosis	ICD-10-CM
F15.11	Other stimulant abuse, in remission	Diagnosis	ICD-10-CM
F15.120	Other stimulant abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F15.121	Other stimulant abuse with intoxication delirium	Diagnosis	ICD-10-CM
F15.122	Other stimulant abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F15.129	Other stimulant abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F15.14	Other stimulant abuse with stimulant-induced mood disorder	Diagnosis	ICD-10-CM
F15.150	Other stimulant abuse with stimulant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F15.151	Other stimulant abuse with stimulant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F15.159	Other stimulant abuse with stimulant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F15.180	Other stimulant abuse with stimulant-induced anxiety disorder	Diagnosis	ICD-10-CM
F15.181	Other stimulant abuse with stimulant-induced sexual dysfunction	Diagnosis	ICD-10-CM
F15.182	Other stimulant abuse with stimulant-induced sleep disorder	Diagnosis	ICD-10-CM
F15.188	Other stimulant abuse with other stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.19	Other stimulant abuse with unspecified stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.220	Other stimulant dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F15.221	Other stimulant dependence with intoxication delirium	Diagnosis	ICD-10-CM
F15.222	Other stimulant dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F15.229	Other stimulant dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F15.23	Other stimulant dependence with withdrawal	Diagnosis	ICD-10-CM
F15.24	Other stimulant dependence with stimulant-induced mood disorder	Diagnosis	ICD-10-CM
F15.250	Other stimulant dependence with stimulant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F15.251	Other stimulant dependence with stimulant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F15.259	Other stimulant dependence with stimulant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F15.280	Other stimulant dependence with stimulant-induced anxiety disorder	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
F15.281	Other stimulant dependence with stimulant-induced sexual dysfunction	Diagnosis	ICD-10-CM
F15.282	Other stimulant dependence with stimulant-induced sleep disorder	Diagnosis	ICD-10-CM
F15.288	Other stimulant dependence with other stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.29	Other stimulant dependence with unspecified stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.90	Other stimulant use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F15.920	Other stimulant use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F15.921	Other stimulant use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F15.922	Other stimulant use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F15.929	Other stimulant use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F15.93	Other stimulant use, unspecified with withdrawal	Diagnosis	ICD-10-CM
F15.94	Other stimulant use, unspecified with stimulant-induced mood disorder	Diagnosis	ICD-10-CM
F15.950	Other stimulant use, unspecified with stimulant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F15.951	Other stimulant use, unspecified with stimulant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F15.959	Other stimulant use, unspecified with stimulant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F15.980	Other stimulant use, unspecified with stimulant-induced anxiety disorder	Diagnosis	ICD-10-CM
F15.981	Other stimulant use, unspecified with stimulant-induced sexual dysfunction	Diagnosis	ICD-10-CM
F15.982	Other stimulant use, unspecified with stimulant-induced sleep disorder	Diagnosis	ICD-10-CM
F15.988	Other stimulant use, unspecified with other stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.99	Other stimulant use, unspecified with unspecified stimulant-induced disorder	Diagnosis	ICD-10-CM
F16.10	Hallucinogen abuse, uncomplicated	Diagnosis	ICD-10-CM
F16.11	Hallucinogen abuse, in remission	Diagnosis	ICD-10-CM
F16.120	Hallucinogen abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F16.121	Hallucinogen abuse with intoxication with delirium	Diagnosis	ICD-10-CM
F16.122	Hallucinogen abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F16.129	Hallucinogen abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F16.14	Hallucinogen abuse with hallucinogen-induced mood disorder	Diagnosis	ICD-10-CM
F16.150	Hallucinogen abuse with hallucinogen-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F16.151	Hallucinogen abuse with hallucinogen-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F16.159	Hallucinogen abuse with hallucinogen-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F16.180	Hallucinogen abuse with hallucinogen-induced anxiety disorder	Diagnosis	ICD-10-CM
F16.183	Hallucinogen abuse with hallucinogen persisting perception disorder (flashbacks)	Diagnosis	ICD-10-CM
F16.188	Hallucinogen abuse with other hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.19	Hallucinogen abuse with unspecified hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.220	Hallucinogen dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F16.221	Hallucinogen dependence with intoxication with delirium	Diagnosis	ICD-10-CM
F16.229	Hallucinogen dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F16.24	Hallucinogen dependence with hallucinogen-induced mood disorder	Diagnosis	ICD-10-CM
F16.250	Hallucinogen dependence with hallucinogen-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
F16.251	Hallucinogen dependence with hallucinogen-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F16.259	Hallucinogen dependence with hallucinogen-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F16.280	Hallucinogen dependence with hallucinogen-induced anxiety disorder	Diagnosis	ICD-10-CM
F16.283	Hallucinogen dependence with hallucinogen persisting perception disorder (flashbacks)	Diagnosis	ICD-10-CM
F16.288	Hallucinogen dependence with other hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.29	Hallucinogen dependence with unspecified hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.90	Hallucinogen use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F16.920	Hallucinogen use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F16.921	Hallucinogen use, unspecified with intoxication with delirium	Diagnosis	ICD-10-CM
F16.929	Hallucinogen use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F16.94	Hallucinogen use, unspecified with hallucinogen-induced mood disorder	Diagnosis	ICD-10-CM
F16.950	Hallucinogen use, unspecified with hallucinogen-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F16.951	Hallucinogen use, unspecified with hallucinogen-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F16.959	Hallucinogen use, unspecified with hallucinogen-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F16.980	Hallucinogen use, unspecified with hallucinogen-induced anxiety disorder	Diagnosis	ICD-10-CM
F16.983	Hallucinogen use, unspecified with hallucinogen persisting perception disorder (flashbacks)	Diagnosis	ICD-10-CM
F16.988	Hallucinogen use, unspecified with other hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.99	Hallucinogen use, unspecified with unspecified hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F17.203	Nicotine dependence unspecified, with withdrawal	Diagnosis	ICD-10-CM
F17.208	Nicotine dependence, unspecified, with other nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.209	Nicotine dependence, unspecified, with unspecified nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.213	Nicotine dependence, cigarettes, with withdrawal	Diagnosis	ICD-10-CM
F17.218	Nicotine dependence, cigarettes, with other nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.219	Nicotine dependence, cigarettes, with unspecified nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.223	Nicotine dependence, chewing tobacco, with withdrawal	Diagnosis	ICD-10-CM
F17.228	Nicotine dependence, chewing tobacco, with other nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.229	Nicotine dependence, chewing tobacco, with unspecified nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.293	Nicotine dependence, other tobacco product, with withdrawal	Diagnosis	ICD-10-CM
F17.298	Nicotine dependence, other tobacco product, with other nicotine-induced disorders	Diagnosis	ICD-10-CM
F17.299	Nicotine dependence, other tobacco product, with unspecified nicotine-induced disorders	Diagnosis	ICD-10-CM
F18.10	Inhalant abuse, uncomplicated	Diagnosis	ICD-10-CM
F18.11	Inhalant abuse, in remission	Diagnosis	ICD-10-CM
F18.120	Inhalant abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F18.121	Inhalant abuse with intoxication delirium	Diagnosis	ICD-10-CM
F18.129	Inhalant abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F18.14	Inhalant abuse with inhalant-induced mood disorder	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
F18.150	Inhalant abuse with inhalant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F18.151	Inhalant abuse with inhalant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F18.159	Inhalant abuse with inhalant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F18.17	Inhalant abuse with inhalant-induced dementia	Diagnosis	ICD-10-CM
F18.180	Inhalant abuse with inhalant-induced anxiety disorder	Diagnosis	ICD-10-CM
F18.188	Inhalant abuse with other inhalant-induced disorder	Diagnosis	ICD-10-CM
F18.19	Inhalant abuse with unspecified inhalant-induced disorder	Diagnosis	ICD-10-CM
F18.220	Inhalant dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F18.221	Inhalant dependence with intoxication delirium	Diagnosis	ICD-10-CM
F18.229	Inhalant dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F18.24	Inhalant dependence with inhalant-induced mood disorder	Diagnosis	ICD-10-CM
F18.250	Inhalant dependence with inhalant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F18.251	Inhalant dependence with inhalant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F18.259	Inhalant dependence with inhalant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F18.27	Inhalant dependence with inhalant-induced dementia	Diagnosis	ICD-10-CM
F18.280	Inhalant dependence with inhalant-induced anxiety disorder	Diagnosis	ICD-10-CM
F18.288	Inhalant dependence with other inhalant-induced disorder	Diagnosis	ICD-10-CM
F18.29	Inhalant dependence with unspecified inhalant-induced disorder	Diagnosis	ICD-10-CM
F18.90	Inhalant use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F18.920	Inhalant use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F18.921	Inhalant use, unspecified with intoxication with delirium	Diagnosis	ICD-10-CM
F18.929	Inhalant use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F18.94	Inhalant use, unspecified with inhalant-induced mood disorder	Diagnosis	ICD-10-CM
F18.950	Inhalant use, unspecified with inhalant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F18.951	Inhalant use, unspecified with inhalant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F18.959	Inhalant use, unspecified with inhalant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F18.97	Inhalant use, unspecified with inhalant-induced persisting dementia	Diagnosis	ICD-10-CM
F18.980	Inhalant use, unspecified with inhalant-induced anxiety disorder	Diagnosis	ICD-10-CM
F18.988	Inhalant use, unspecified with other inhalant-induced disorder	Diagnosis	ICD-10-CM
F18.99	Inhalant use, unspecified with unspecified inhalant-induced disorder	Diagnosis	ICD-10-CM
F19.10	Other psychoactive substance abuse, uncomplicated	Diagnosis	ICD-10-CM
F19.11	Other psychoactive substance abuse, in remission	Diagnosis	ICD-10-CM
F19.120	Other psychoactive substance abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F19.121	Other psychoactive substance abuse with intoxication delirium	Diagnosis	ICD-10-CM
F19.122	Other psychoactive substance abuse with intoxication with perceptual disturbances	Diagnosis	ICD-10-CM
F19.129	Other psychoactive substance abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F19.14	Other psychoactive substance abuse with psychoactive substance-induced mood disorder	Diagnosis	ICD-10-CM
F19.150	Other psychoactive substance abuse with psychoactive substance-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F19.151	Other psychoactive substance abuse with psychoactive substance-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
F19.159	Other psychoactive substance abuse with psychoactive substance-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F19.16	Other psychoactive substance abuse with psychoactive substance-induced persisting amnesic disorder	Diagnosis	ICD-10-CM
F19.17	Other psychoactive substance abuse with psychoactive substance-induced persisting dementia	Diagnosis	ICD-10-CM
F19.180	Other psychoactive substance abuse with psychoactive substance-induced anxiety disorder	Diagnosis	ICD-10-CM
F19.181	Other psychoactive substance abuse with psychoactive substance-induced sexual dysfunction	Diagnosis	ICD-10-CM
F19.182	Other psychoactive substance abuse with psychoactive substance-induced sleep disorder	Diagnosis	ICD-10-CM
F19.188	Other psychoactive substance abuse with other psychoactive substance-induced disorder	Diagnosis	ICD-10-CM
F19.19	Other psychoactive substance abuse with unspecified psychoactive substance-induced disorder	Diagnosis	ICD-10-CM
F19.21	Other psychoactive substance dependence, in remission	Diagnosis	ICD-10-CM
F19.220	Other psychoactive substance dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F19.221	Other psychoactive substance dependence with intoxication delirium	Diagnosis	ICD-10-CM
F19.222	Other psychoactive substance dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F19.229	Other psychoactive substance dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F19.230	Other psychoactive substance dependence with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F19.231	Other psychoactive substance dependence with withdrawal delirium	Diagnosis	ICD-10-CM
F19.232	Other psychoactive substance dependence with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F19.239	Other psychoactive substance dependence with withdrawal, unspecified	Diagnosis	ICD-10-CM
F19.24	Other psychoactive substance dependence with psychoactive substance-induced mood disorder	Diagnosis	ICD-10-CM
F19.250	Other psychoactive substance dependence with psychoactive substance-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F19.251	Other psychoactive substance dependence with psychoactive substance-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F19.259	Other psychoactive substance dependence with psychoactive substance-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F19.26	Other psychoactive substance dependence with psychoactive substance-induced persisting amnesic disorder	Diagnosis	ICD-10-CM
F19.27	Other psychoactive substance dependence with psychoactive substance-induced persisting dementia	Diagnosis	ICD-10-CM
F19.280	Other psychoactive substance dependence with psychoactive substance-induced anxiety disorder	Diagnosis	ICD-10-CM
F19.281	Other psychoactive substance dependence with psychoactive substance-induced sexual dysfunction	Diagnosis	ICD-10-CM
F19.282	Other psychoactive substance dependence with psychoactive substance-induced sleep disorder	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
F19.288	Other psychoactive substance dependence with other psychoactive substance-induced disorder	Diagnosis	ICD-10-CM
F19.29	Other psychoactive substance dependence with unspecified psychoactive substance-induced disorder	Diagnosis	ICD-10-CM
F19.90	Other psychoactive substance use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F19.920	Other psychoactive substance use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F19.921	Other psychoactive substance use, unspecified with intoxication with delirium	Diagnosis	ICD-10-CM
F19.922	Other psychoactive substance use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F19.929	Other psychoactive substance use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F19.930	Other psychoactive substance use, unspecified with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F19.931	Other psychoactive substance use, unspecified with withdrawal delirium	Diagnosis	ICD-10-CM
F19.932	Other psychoactive substance use, unspecified with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F19.939	Other psychoactive substance use, unspecified with withdrawal, unspecified	Diagnosis	ICD-10-CM
F19.94	Other psychoactive substance use, unspecified with psychoactive substance-induced mood disorder	Diagnosis	ICD-10-CM
F19.950	Other psychoactive substance use, unspecified with psychoactive substance-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F19.951	Other psychoactive substance use, unspecified with psychoactive substance-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F19.959	Other psychoactive substance use, unspecified with psychoactive substance-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F19.96	Other psychoactive substance use, unspecified with psychoactive substance-induced persisting amnestic disorder	Diagnosis	ICD-10-CM
F19.97	Other psychoactive substance use, unspecified with psychoactive substance-induced persisting dementia	Diagnosis	ICD-10-CM
F19.980	Other psychoactive substance use, unspecified with psychoactive substance-induced anxiety disorder	Diagnosis	ICD-10-CM
F19.981	Other psychoactive substance use, unspecified with psychoactive substance-induced sexual dysfunction	Diagnosis	ICD-10-CM
F19.982	Other psychoactive substance use, unspecified with psychoactive substance-induced sleep disorder	Diagnosis	ICD-10-CM
F19.988	Other psychoactive substance use, unspecified with other psychoactive substance-induced disorder	Diagnosis	ICD-10-CM
F19.99	Other psychoactive substance use, unspecified with unspecified psychoactive substance-induced disorder	Diagnosis	ICD-10-CM
F55.0	Abuse of antacids	Diagnosis	ICD-10-CM
F55.1	Abuse of herbal or folk remedies	Diagnosis	ICD-10-CM
F55.2	Abuse of laxatives	Diagnosis	ICD-10-CM
F55.3	Abuse of steroids or hormones	Diagnosis	ICD-10-CM
F55.4	Abuse of vitamins	Diagnosis	ICD-10-CM
F55.8	Abuse of other non-psychoactive substances	Diagnosis	ICD-10-CM
O99.320	Drug use complicating pregnancy, unspecified trimester	Diagnosis	ICD-10-CM
O99.321	Drug use complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O99.322	Drug use complicating pregnancy, second trimester	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
O99.323	Drug use complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99.324	Drug use complicating childbirth	Diagnosis	ICD-10-CM
O99.325	Drug use complicating the puerperium	Diagnosis	ICD-10-CM
Vascular Disease			
I01	Rheumatic fever with heart involvement	Diagnosis	ICD-10-CM
I01.0	Acute rheumatic pericarditis	Diagnosis	ICD-10-CM
I01.1	Acute rheumatic endocarditis	Diagnosis	ICD-10-CM
I01.2	Acute rheumatic myocarditis	Diagnosis	ICD-10-CM
I01.8	Other acute rheumatic heart disease	Diagnosis	ICD-10-CM
I01.9	Acute rheumatic heart disease, unspecified	Diagnosis	ICD-10-CM
I02.0	Rheumatic chorea with heart involvement	Diagnosis	ICD-10-CM
I05	Rheumatic mitral valve diseases	Diagnosis	ICD-10-CM
I05.0	Rheumatic mitral stenosis	Diagnosis	ICD-10-CM
I05.1	Rheumatic mitral insufficiency	Diagnosis	ICD-10-CM
I05.2	Rheumatic mitral stenosis with insufficiency	Diagnosis	ICD-10-CM
I05.8	Other rheumatic mitral valve diseases	Diagnosis	ICD-10-CM
I05.9	Rheumatic mitral valve disease, unspecified	Diagnosis	ICD-10-CM
I06	Rheumatic aortic valve diseases	Diagnosis	ICD-10-CM
I06.0	Rheumatic aortic stenosis	Diagnosis	ICD-10-CM
I06.1	Rheumatic aortic insufficiency	Diagnosis	ICD-10-CM
I06.2	Rheumatic aortic stenosis with insufficiency	Diagnosis	ICD-10-CM
I06.8	Other rheumatic aortic valve diseases	Diagnosis	ICD-10-CM
I06.9	Rheumatic aortic valve disease, unspecified	Diagnosis	ICD-10-CM
I07	Rheumatic tricuspid valve diseases	Diagnosis	ICD-10-CM
I07.0	Rheumatic tricuspid stenosis	Diagnosis	ICD-10-CM
I07.1	Rheumatic tricuspid insufficiency	Diagnosis	ICD-10-CM
I07.2	Rheumatic tricuspid stenosis and insufficiency	Diagnosis	ICD-10-CM
I07.8	Other rheumatic tricuspid valve diseases	Diagnosis	ICD-10-CM
I07.9	Rheumatic tricuspid valve disease, unspecified	Diagnosis	ICD-10-CM
I08	Multiple valve diseases	Diagnosis	ICD-10-CM
I08.0	Rheumatic disorders of both mitral and aortic valves	Diagnosis	ICD-10-CM
I08.1	Rheumatic disorders of both mitral and tricuspid valves	Diagnosis	ICD-10-CM
I08.2	Rheumatic disorders of both aortic and tricuspid valves	Diagnosis	ICD-10-CM
I08.3	Combined rheumatic disorders of mitral, aortic and tricuspid valves	Diagnosis	ICD-10-CM
I08.8	Other rheumatic multiple valve diseases	Diagnosis	ICD-10-CM
I08.9	Rheumatic multiple valve disease, unspecified	Diagnosis	ICD-10-CM
I09	Other rheumatic heart diseases	Diagnosis	ICD-10-CM
I09.0	Rheumatic myocarditis	Diagnosis	ICD-10-CM
I09.1	Rheumatic diseases of endocardium, valve unspecified	Diagnosis	ICD-10-CM
I09.2	Chronic rheumatic pericarditis	Diagnosis	ICD-10-CM
I09.8	Other specified rheumatic heart diseases	Diagnosis	ICD-10-CM
I09.81	Rheumatic heart failure	Diagnosis	ICD-10-CM
I09.89	Other specified rheumatic heart diseases	Diagnosis	ICD-10-CM
I09.9	Rheumatic heart disease, unspecified	Diagnosis	ICD-10-CM
I10	Essential (primary) hypertension	Diagnosis	ICD-10-CM
I11	Hypertensive heart disease	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I11.0	Hypertensive heart disease with heart failure	Diagnosis	ICD-10-CM
I11.9	Hypertensive heart disease without heart failure	Diagnosis	ICD-10-CM
I12	Hypertensive chronic kidney disease	Diagnosis	ICD-10-CM
I12.0	Hypertensive chronic kidney disease with stage 5 chronic kidney disease or end stage renal disease	Diagnosis	ICD-10-CM
I12.9	Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I13	Hypertensive heart and chronic kidney disease	Diagnosis	ICD-10-CM
I13.0	Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I13.1	Hypertensive heart and chronic kidney disease without heart failure	Diagnosis	ICD-10-CM
I13.10	Hypertensive heart and chronic kidney disease without heart failure, with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I13.11	Hypertensive heart and chronic kidney disease without heart failure, with stage 5 chronic kidney disease, or end stage renal disease	Diagnosis	ICD-10-CM
I13.2	Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage renal disease	Diagnosis	ICD-10-CM
I15	Secondary hypertension	Diagnosis	ICD-10-CM
I15.0	Renovascular hypertension	Diagnosis	ICD-10-CM
I15.1	Hypertension secondary to other renal disorders	Diagnosis	ICD-10-CM
I15.2	Hypertension secondary to endocrine disorders	Diagnosis	ICD-10-CM
I15.8	Other secondary hypertension	Diagnosis	ICD-10-CM
I15.9	Secondary hypertension, unspecified	Diagnosis	ICD-10-CM
I16	Hypertensive crisis	Diagnosis	ICD-10-CM
I16.0	Hypertensive urgency	Diagnosis	ICD-10-CM
I16.1	Hypertensive emergency	Diagnosis	ICD-10-CM
I16.9	Hypertensive crisis, unspecified	Diagnosis	ICD-10-CM
I20	Angina pectoris	Diagnosis	ICD-10-CM
I20.0	Unstable angina	Diagnosis	ICD-10-CM
I20.1	Angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I20.8	Other forms of angina pectoris	Diagnosis	ICD-10-CM
I20.9	Angina pectoris, unspecified	Diagnosis	ICD-10-CM
I21	Acute myocardial infarction	Diagnosis	ICD-10-CM
I21.0	ST elevation (STEMI) myocardial infarction of anterior wall	Diagnosis	ICD-10-CM
I21.01	ST elevation (STEMI) myocardial infarction involving left main coronary artery	Diagnosis	ICD-10-CM
I21.02	ST elevation (STEMI) myocardial infarction involving left anterior descending coronary artery	Diagnosis	ICD-10-CM
I21.09	ST elevation (STEMI) myocardial infarction involving other coronary artery of anterior wall	Diagnosis	ICD-10-CM
I21.1	ST elevation (STEMI) myocardial infarction of inferior wall	Diagnosis	ICD-10-CM
I21.11	ST elevation (STEMI) myocardial infarction involving right coronary artery	Diagnosis	ICD-10-CM
I21.19	ST elevation (STEMI) myocardial infarction involving other coronary artery of inferior wall	Diagnosis	ICD-10-CM
I21.2	ST elevation (STEMI) myocardial infarction of other sites	Diagnosis	ICD-10-CM
I21.21	ST elevation (STEMI) myocardial infarction involving left circumflex coronary artery	Diagnosis	ICD-10-CM
I21.29	ST elevation (STEMI) myocardial infarction involving other sites	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I21.3	ST elevation (STEMI) myocardial infarction of unspecified site	Diagnosis	ICD-10-CM
I21.4	Non-ST elevation (NSTEMI) myocardial infarction	Diagnosis	ICD-10-CM
I21.9	Acute myocardial infarction, unspecified	Diagnosis	ICD-10-CM
I21.A	Other type of myocardial infarction	Diagnosis	ICD-10-CM
I21.A1	Myocardial infarction type 2	Diagnosis	ICD-10-CM
I21.A9	Other myocardial infarction type	Diagnosis	ICD-10-CM
I22	Subsequent ST elevation (STEMI) and non-ST elevation (NSTEMI) myocardial infarction	Diagnosis	ICD-10-CM
I22.0	Subsequent ST elevation (STEMI) myocardial infarction of anterior wall	Diagnosis	ICD-10-CM
I22.1	Subsequent ST elevation (STEMI) myocardial infarction of inferior wall	Diagnosis	ICD-10-CM
I22.2	Subsequent non-ST elevation (NSTEMI) myocardial infarction	Diagnosis	ICD-10-CM
I22.8	Subsequent ST elevation (STEMI) myocardial infarction of other sites	Diagnosis	ICD-10-CM
I22.9	Subsequent ST elevation (STEMI) myocardial infarction of unspecified site	Diagnosis	ICD-10-CM
I23	Certain current complications following ST elevation (STEMI) and non-ST elevation (NSTEMI) myocardial infarction (within the 28 day period)	Diagnosis	ICD-10-CM
I23.0	Hemopericardium as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.1	Atrial septal defect as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.2	Ventricular septal defect as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.3	Rupture of cardiac wall without hemopericardium as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.4	Rupture of chordae tendineae as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.5	Rupture of papillary muscle as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.6	Thrombosis of atrium, auricular appendage, and ventricle as current complications following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.7	Postinfarction angina	Diagnosis	ICD-10-CM
I23.8	Other current complications following acute myocardial infarction	Diagnosis	ICD-10-CM
I24	Other acute ischemic heart diseases	Diagnosis	ICD-10-CM
I24.0	Acute coronary thrombosis not resulting in myocardial infarction	Diagnosis	ICD-10-CM
I24.1	Dressler's syndrome	Diagnosis	ICD-10-CM
I24.8	Other forms of acute ischemic heart disease	Diagnosis	ICD-10-CM
I24.9	Acute ischemic heart disease, unspecified	Diagnosis	ICD-10-CM
I25	Chronic ischemic heart disease	Diagnosis	ICD-10-CM
I25.1	Atherosclerotic heart disease of native coronary artery	Diagnosis	ICD-10-CM
I25.10	Atherosclerotic heart disease of native coronary artery without angina pectoris	Diagnosis	ICD-10-CM
I25.11	Atherosclerotic heart disease of native coronary artery with angina pectoris	Diagnosis	ICD-10-CM
I25.110	Atherosclerotic heart disease of native coronary artery with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.111	Atherosclerotic heart disease of native coronary artery with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.118	Atherosclerotic heart disease of native coronary artery with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.119	Atherosclerotic heart disease of native coronary artery with unspecified angina pectoris	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I25.2	Old myocardial infarction	Diagnosis	ICD-10-CM
I25.3	Aneurysm of heart	Diagnosis	ICD-10-CM
I25.4	Coronary artery aneurysm and dissection	Diagnosis	ICD-10-CM
I25.41	Coronary artery aneurysm	Diagnosis	ICD-10-CM
I25.42	Coronary artery dissection	Diagnosis	ICD-10-CM
I25.5	Ischemic cardiomyopathy	Diagnosis	ICD-10-CM
I25.6	Silent myocardial ischemia	Diagnosis	ICD-10-CM
I25.7	Atherosclerosis of coronary artery bypass graft(s) and coronary artery of transplanted heart with angina pectoris	Diagnosis	ICD-10-CM
I25.70	Atherosclerosis of coronary artery bypass graft(s), unspecified, with angina pectoris	Diagnosis	ICD-10-CM
I25.700	Atherosclerosis of coronary artery bypass graft(s), unspecified, with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.701	Atherosclerosis of coronary artery bypass graft(s), unspecified, with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.708	Atherosclerosis of coronary artery bypass graft(s), unspecified, with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.709	Atherosclerosis of coronary artery bypass graft(s), unspecified, with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.71	Atherosclerosis of autologous vein coronary artery bypass graft(s) with angina pectoris	Diagnosis	ICD-10-CM
I25.710	Atherosclerosis of autologous vein coronary artery bypass graft(s) with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.711	Atherosclerosis of autologous vein coronary artery bypass graft(s) with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.718	Atherosclerosis of autologous vein coronary artery bypass graft(s) with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.719	Atherosclerosis of autologous vein coronary artery bypass graft(s) with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.72	Atherosclerosis of autologous artery coronary artery bypass graft(s) with angina pectoris	Diagnosis	ICD-10-CM
I25.720	Atherosclerosis of autologous artery coronary artery bypass graft(s) with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.721	Atherosclerosis of autologous artery coronary artery bypass graft(s) with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.728	Atherosclerosis of autologous artery coronary artery bypass graft(s) with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.729	Atherosclerosis of autologous artery coronary artery bypass graft(s) with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.73	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with angina pectoris	Diagnosis	ICD-10-CM
I25.730	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.731	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with angina pectoris with documented spasm	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I25.738	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.739	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.75	Atherosclerosis of native coronary artery of transplanted heart with angina pectoris	Diagnosis	ICD-10-CM
I25.750	Atherosclerosis of native coronary artery of transplanted heart with unstable angina	Diagnosis	ICD-10-CM
I25.751	Atherosclerosis of native coronary artery of transplanted heart with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.758	Atherosclerosis of native coronary artery of transplanted heart with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.759	Atherosclerosis of native coronary artery of transplanted heart with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.76	Atherosclerosis of bypass graft of coronary artery of transplanted heart with angina pectoris	Diagnosis	ICD-10-CM
I25.760	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unstable angina	Diagnosis	ICD-10-CM
I25.761	Atherosclerosis of bypass graft of coronary artery of transplanted heart with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.768	Atherosclerosis of bypass graft of coronary artery of transplanted heart with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.769	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.79	Atherosclerosis of other coronary artery bypass graft(s) with angina pectoris	Diagnosis	ICD-10-CM
I25.790	Atherosclerosis of other coronary artery bypass graft(s) with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.791	Atherosclerosis of other coronary artery bypass graft(s) with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.798	Atherosclerosis of other coronary artery bypass graft(s) with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.799	Atherosclerosis of other coronary artery bypass graft(s) with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.8	Other forms of chronic ischemic heart disease	Diagnosis	ICD-10-CM
I25.81	Atherosclerosis of other coronary vessels without angina pectoris	Diagnosis	ICD-10-CM
I25.810	Atherosclerosis of coronary artery bypass graft(s) without angina pectoris	Diagnosis	ICD-10-CM
I25.811	Atherosclerosis of native coronary artery of transplanted heart without angina pectoris	Diagnosis	ICD-10-CM
I25.812	Atherosclerosis of bypass graft of coronary artery of transplanted heart without angina pectoris	Diagnosis	ICD-10-CM
I25.82	Chronic total occlusion of coronary artery	Diagnosis	ICD-10-CM
I25.83	Coronary atherosclerosis due to lipid rich plaque	Diagnosis	ICD-10-CM
I25.84	Coronary atherosclerosis due to calcified coronary lesion	Diagnosis	ICD-10-CM
I25.89	Other forms of chronic ischemic heart disease	Diagnosis	ICD-10-CM
I25.9	Chronic ischemic heart disease, unspecified	Diagnosis	ICD-10-CM
I26	Pulmonary embolism	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I26.0	Pulmonary embolism with acute cor pulmonale	Diagnosis	ICD-10-CM
I26.01	Septic pulmonary embolism with acute cor pulmonale	Diagnosis	ICD-10-CM
I26.02	Saddle embolus of pulmonary artery with acute cor pulmonale	Diagnosis	ICD-10-CM
I26.09	Other pulmonary embolism with acute cor pulmonale	Diagnosis	ICD-10-CM
I26.9	Pulmonary embolism without acute cor pulmonale	Diagnosis	ICD-10-CM
I26.90	Septic pulmonary embolism without acute cor pulmonale	Diagnosis	ICD-10-CM
I26.92	Saddle embolus of pulmonary artery without acute cor pulmonale	Diagnosis	ICD-10-CM
I26.93	Single subsegmental pulmonary embolism without acute cor pulmonale	Diagnosis	ICD-10-CM
I26.94	Multiple subsegmental pulmonary emboli without acute cor pulmonale	Diagnosis	ICD-10-CM
I26.99	Other pulmonary embolism without acute cor pulmonale	Diagnosis	ICD-10-CM
I27	Other pulmonary heart diseases	Diagnosis	ICD-10-CM
I27.0	Primary pulmonary hypertension	Diagnosis	ICD-10-CM
I27.1	Kyphoscoliotic heart disease	Diagnosis	ICD-10-CM
I27.2	Other secondary pulmonary hypertension	Diagnosis	ICD-10-CM
I27.20	Pulmonary hypertension, unspecified	Diagnosis	ICD-10-CM
I27.21	Secondary pulmonary arterial hypertension	Diagnosis	ICD-10-CM
I27.22	Pulmonary hypertension due to left heart disease	Diagnosis	ICD-10-CM
I27.23	Pulmonary hypertension due to lung diseases and hypoxia	Diagnosis	ICD-10-CM
I27.24	Chronic thromboembolic pulmonary hypertension	Diagnosis	ICD-10-CM
I27.29	Other secondary pulmonary hypertension	Diagnosis	ICD-10-CM
I27.8	Other specified pulmonary heart diseases	Diagnosis	ICD-10-CM
I27.81	Cor pulmonale (chronic)	Diagnosis	ICD-10-CM
I27.82	Chronic pulmonary embolism	Diagnosis	ICD-10-CM
I27.83	Eisenmenger's syndrome	Diagnosis	ICD-10-CM
I27.89	Other specified pulmonary heart diseases	Diagnosis	ICD-10-CM
I27.9	Pulmonary heart disease, unspecified	Diagnosis	ICD-10-CM
I28	Other diseases of pulmonary vessels	Diagnosis	ICD-10-CM
I28.0	Arteriovenous fistula of pulmonary vessels	Diagnosis	ICD-10-CM
I28.1	Aneurysm of pulmonary artery	Diagnosis	ICD-10-CM
I28.8	Other diseases of pulmonary vessels	Diagnosis	ICD-10-CM
I28.9	Disease of pulmonary vessels, unspecified	Diagnosis	ICD-10-CM
I30	Acute pericarditis	Diagnosis	ICD-10-CM
I30.0	Acute nonspecific idiopathic pericarditis	Diagnosis	ICD-10-CM
I30.1	Infective pericarditis	Diagnosis	ICD-10-CM
I30.8	Other forms of acute pericarditis	Diagnosis	ICD-10-CM
I30.9	Acute pericarditis, unspecified	Diagnosis	ICD-10-CM
I31	Other diseases of pericardium	Diagnosis	ICD-10-CM
I31.0	Chronic adhesive pericarditis	Diagnosis	ICD-10-CM
I31.1	Chronic constrictive pericarditis	Diagnosis	ICD-10-CM
I31.2	Hemopericardium, not elsewhere classified	Diagnosis	ICD-10-CM
I31.3	Pericardial effusion (noninflammatory)	Diagnosis	ICD-10-CM
I31.4	Cardiac tamponade	Diagnosis	ICD-10-CM
I31.8	Other specified diseases of pericardium	Diagnosis	ICD-10-CM
I31.9	Disease of pericardium, unspecified	Diagnosis	ICD-10-CM
I32	Pericarditis in diseases classified elsewhere	Diagnosis	ICD-10-CM
I33	Acute and subacute endocarditis	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I33.0	Acute and subacute infective endocarditis	Diagnosis	ICD-10-CM
I33.9	Acute and subacute endocarditis, unspecified	Diagnosis	ICD-10-CM
I34	Nonrheumatic mitral valve disorders	Diagnosis	ICD-10-CM
I34.0	Nonrheumatic mitral (valve) insufficiency	Diagnosis	ICD-10-CM
I34.1	Nonrheumatic mitral (valve) prolapse	Diagnosis	ICD-10-CM
I34.2	Nonrheumatic mitral (valve) stenosis	Diagnosis	ICD-10-CM
I34.8	Other nonrheumatic mitral valve disorders	Diagnosis	ICD-10-CM
I34.9	Nonrheumatic mitral valve disorder, unspecified	Diagnosis	ICD-10-CM
I35	Nonrheumatic aortic valve disorders	Diagnosis	ICD-10-CM
I35.0	Nonrheumatic aortic (valve) stenosis	Diagnosis	ICD-10-CM
I35.1	Nonrheumatic aortic (valve) insufficiency	Diagnosis	ICD-10-CM
I35.2	Nonrheumatic aortic (valve) stenosis with insufficiency	Diagnosis	ICD-10-CM
I35.8	Other nonrheumatic aortic valve disorders	Diagnosis	ICD-10-CM
I35.9	Nonrheumatic aortic valve disorder, unspecified	Diagnosis	ICD-10-CM
I36	Nonrheumatic tricuspid valve disorders	Diagnosis	ICD-10-CM
I36.0	Nonrheumatic tricuspid (valve) stenosis	Diagnosis	ICD-10-CM
I36.1	Nonrheumatic tricuspid (valve) insufficiency	Diagnosis	ICD-10-CM
I36.2	Nonrheumatic tricuspid (valve) stenosis with insufficiency	Diagnosis	ICD-10-CM
I36.8	Other nonrheumatic tricuspid valve disorders	Diagnosis	ICD-10-CM
I36.9	Nonrheumatic tricuspid valve disorder, unspecified	Diagnosis	ICD-10-CM
I37	Nonrheumatic pulmonary valve disorders	Diagnosis	ICD-10-CM
I37.0	Nonrheumatic pulmonary valve stenosis	Diagnosis	ICD-10-CM
I37.1	Nonrheumatic pulmonary valve insufficiency	Diagnosis	ICD-10-CM
I37.2	Nonrheumatic pulmonary valve stenosis with insufficiency	Diagnosis	ICD-10-CM
I37.8	Other nonrheumatic pulmonary valve disorders	Diagnosis	ICD-10-CM
I37.9	Nonrheumatic pulmonary valve disorder, unspecified	Diagnosis	ICD-10-CM
I38	Endocarditis, valve unspecified	Diagnosis	ICD-10-CM
I39	Endocarditis and heart valve disorders in diseases classified elsewhere	Diagnosis	ICD-10-CM
I40	Acute myocarditis	Diagnosis	ICD-10-CM
I40.0	Infective myocarditis	Diagnosis	ICD-10-CM
I40.1	Isolated myocarditis	Diagnosis	ICD-10-CM
I40.8	Other acute myocarditis	Diagnosis	ICD-10-CM
I40.9	Acute myocarditis, unspecified	Diagnosis	ICD-10-CM
I41	Myocarditis in diseases classified elsewhere	Diagnosis	ICD-10-CM
I42	Cardiomyopathy	Diagnosis	ICD-10-CM
I42.0	Dilated cardiomyopathy	Diagnosis	ICD-10-CM
I42.1	Obstructive hypertrophic cardiomyopathy	Diagnosis	ICD-10-CM
I42.2	Other hypertrophic cardiomyopathy	Diagnosis	ICD-10-CM
I42.3	Endomyocardial (eosinophilic) disease	Diagnosis	ICD-10-CM
I42.4	Endocardial fibroelastosis	Diagnosis	ICD-10-CM
I42.5	Other restrictive cardiomyopathy	Diagnosis	ICD-10-CM
I42.6	Alcoholic cardiomyopathy	Diagnosis	ICD-10-CM
I42.7	Cardiomyopathy due to drug and external agent	Diagnosis	ICD-10-CM
I42.8	Other cardiomyopathies	Diagnosis	ICD-10-CM
I42.9	Cardiomyopathy, unspecified	Diagnosis	ICD-10-CM
I43	Cardiomyopathy in diseases classified elsewhere	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I44	Atrioventricular and left bundle-branch block	Diagnosis	ICD-10-CM
I44.0	Atrioventricular block, first degree	Diagnosis	ICD-10-CM
I44.1	Atrioventricular block, second degree	Diagnosis	ICD-10-CM
I44.2	Atrioventricular block, complete	Diagnosis	ICD-10-CM
I44.3	Other and unspecified atrioventricular block	Diagnosis	ICD-10-CM
I44.30	Unspecified atrioventricular block	Diagnosis	ICD-10-CM
I44.39	Other atrioventricular block	Diagnosis	ICD-10-CM
I44.4	Left anterior fascicular block	Diagnosis	ICD-10-CM
I44.5	Left posterior fascicular block	Diagnosis	ICD-10-CM
I44.6	Other and unspecified fascicular block	Diagnosis	ICD-10-CM
I44.60	Unspecified fascicular block	Diagnosis	ICD-10-CM
I44.69	Other fascicular block	Diagnosis	ICD-10-CM
I44.7	Left bundle-branch block, unspecified	Diagnosis	ICD-10-CM
I45	Other conduction disorders	Diagnosis	ICD-10-CM
I45.0	Right fascicular block	Diagnosis	ICD-10-CM
I45.1	Other and unspecified right bundle-branch block	Diagnosis	ICD-10-CM
I45.10	Unspecified right bundle-branch block	Diagnosis	ICD-10-CM
I45.19	Other right bundle-branch block	Diagnosis	ICD-10-CM
I45.2	Bifascicular block	Diagnosis	ICD-10-CM
I45.3	Trifascicular block	Diagnosis	ICD-10-CM
I45.4	Nonspecific intraventricular block	Diagnosis	ICD-10-CM
I45.5	Other specified heart block	Diagnosis	ICD-10-CM
I45.6	Pre-excitation syndrome	Diagnosis	ICD-10-CM
I45.8	Other specified conduction disorders	Diagnosis	ICD-10-CM
I45.81	Long QT syndrome	Diagnosis	ICD-10-CM
I45.89	Other specified conduction disorders	Diagnosis	ICD-10-CM
I45.9	Conduction disorder, unspecified	Diagnosis	ICD-10-CM
I46	Cardiac arrest	Diagnosis	ICD-10-CM
I46.2	Cardiac arrest due to underlying cardiac condition	Diagnosis	ICD-10-CM
I46.8	Cardiac arrest due to other underlying condition	Diagnosis	ICD-10-CM
I46.9	Cardiac arrest, cause unspecified	Diagnosis	ICD-10-CM
I47	Paroxysmal tachycardia	Diagnosis	ICD-10-CM
I47.0	Re-entry ventricular arrhythmia	Diagnosis	ICD-10-CM
I47.1	Supraventricular tachycardia	Diagnosis	ICD-10-CM
I47.2	Ventricular tachycardia	Diagnosis	ICD-10-CM
I47.9	Paroxysmal tachycardia, unspecified	Diagnosis	ICD-10-CM
I48	Atrial fibrillation and flutter	Diagnosis	ICD-10-CM
I48.0	Paroxysmal atrial fibrillation	Diagnosis	ICD-10-CM
I48.1	Persistent atrial fibrillation	Diagnosis	ICD-10-CM
I48.11	Longstanding persistent atrial fibrillation	Diagnosis	ICD-10-CM
I48.19	Other persistent atrial fibrillation	Diagnosis	ICD-10-CM
I48.2	Chronic atrial fibrillation	Diagnosis	ICD-10-CM
I48.20	Chronic atrial fibrillation, unspecified	Diagnosis	ICD-10-CM
I48.21	Permanent atrial fibrillation	Diagnosis	ICD-10-CM
I48.3	Typical atrial flutter	Diagnosis	ICD-10-CM
I48.4	Atypical atrial flutter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I48.9	Unspecified atrial fibrillation and atrial flutter	Diagnosis	ICD-10-CM
I48.91	Unspecified atrial fibrillation	Diagnosis	ICD-10-CM
I48.92	Unspecified atrial flutter	Diagnosis	ICD-10-CM
I49	Other cardiac arrhythmias	Diagnosis	ICD-10-CM
I49.0	Ventricular fibrillation and flutter	Diagnosis	ICD-10-CM
I49.01	Ventricular fibrillation	Diagnosis	ICD-10-CM
I49.02	Ventricular flutter	Diagnosis	ICD-10-CM
I49.1	Atrial premature depolarization	Diagnosis	ICD-10-CM
I49.2	Junctional premature depolarization	Diagnosis	ICD-10-CM
I49.3	Ventricular premature depolarization	Diagnosis	ICD-10-CM
I49.4	Other and unspecified premature depolarization	Diagnosis	ICD-10-CM
I49.40	Unspecified premature depolarization	Diagnosis	ICD-10-CM
I49.49	Other premature depolarization	Diagnosis	ICD-10-CM
I49.5	Sick sinus syndrome	Diagnosis	ICD-10-CM
I49.8	Other specified cardiac arrhythmias	Diagnosis	ICD-10-CM
I49.9	Cardiac arrhythmia, unspecified	Diagnosis	ICD-10-CM
I50	Heart failure	Diagnosis	ICD-10-CM
I50.1	Left ventricular failure, unspecified	Diagnosis	ICD-10-CM
I50.2	Systolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.20	Unspecified systolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.21	Acute systolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.22	Chronic systolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.23	Acute on chronic systolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.3	Diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.30	Unspecified diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.31	Acute diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.32	Chronic diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.33	Acute on chronic diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.4	Combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.40	Unspecified combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.41	Acute combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.42	Chronic combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.43	Acute on chronic combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.8	Other heart failure	Diagnosis	ICD-10-CM
I50.81	Right heart failure	Diagnosis	ICD-10-CM
I50.810	Right heart failure, unspecified	Diagnosis	ICD-10-CM
I50.811	Acute right heart failure	Diagnosis	ICD-10-CM
I50.812	Chronic right heart failure	Diagnosis	ICD-10-CM
I50.813	Acute on chronic right heart failure	Diagnosis	ICD-10-CM
I50.814	Right heart failure due to left heart failure	Diagnosis	ICD-10-CM
I50.82	Biventricular heart failure	Diagnosis	ICD-10-CM
I50.83	High output heart failure	Diagnosis	ICD-10-CM
I50.84	End stage heart failure	Diagnosis	ICD-10-CM
I50.89	Other heart failure	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I50.9	Heart failure, unspecified	Diagnosis	ICD-10-CM
I51	Complications and ill-defined descriptions of heart disease	Diagnosis	ICD-10-CM
I51.0	Cardiac septal defect, acquired	Diagnosis	ICD-10-CM
I51.1	Rupture of chordae tendineae, not elsewhere classified	Diagnosis	ICD-10-CM
I51.2	Rupture of papillary muscle, not elsewhere classified	Diagnosis	ICD-10-CM
I51.3	Intracardiac thrombosis, not elsewhere classified	Diagnosis	ICD-10-CM
I51.4	Myocarditis, unspecified	Diagnosis	ICD-10-CM
I51.5	Myocardial degeneration	Diagnosis	ICD-10-CM
I51.7	Cardiomegaly	Diagnosis	ICD-10-CM
I51.8	Other ill-defined heart diseases	Diagnosis	ICD-10-CM
I51.81	Takotsubo syndrome	Diagnosis	ICD-10-CM
I51.89	Other ill-defined heart diseases	Diagnosis	ICD-10-CM
I51.9	Heart disease, unspecified	Diagnosis	ICD-10-CM
I52	Other heart disorders in diseases classified elsewhere	Diagnosis	ICD-10-CM
I70	Atherosclerosis	Diagnosis	ICD-10-CM
I70.0	Atherosclerosis of aorta	Diagnosis	ICD-10-CM
I70.1	Atherosclerosis of renal artery	Diagnosis	ICD-10-CM
I70.2	Atherosclerosis of native arteries of the extremities	Diagnosis	ICD-10-CM
I70.20	Unspecified atherosclerosis of native arteries of extremities	Diagnosis	ICD-10-CM
I70.201	Unspecified atherosclerosis of native arteries of extremities, right leg	Diagnosis	ICD-10-CM
I70.202	Unspecified atherosclerosis of native arteries of extremities, left leg	Diagnosis	ICD-10-CM
I70.203	Unspecified atherosclerosis of native arteries of extremities, bilateral legs	Diagnosis	ICD-10-CM
I70.208	Unspecified atherosclerosis of native arteries of extremities, other extremity	Diagnosis	ICD-10-CM
I70.209	Unspecified atherosclerosis of native arteries of extremities, unspecified extremity	Diagnosis	ICD-10-CM
I70.21	Atherosclerosis of native arteries of extremities with intermittent claudication	Diagnosis	ICD-10-CM
I70.211	Atherosclerosis of native arteries of extremities with intermittent claudication, right leg	Diagnosis	ICD-10-CM
I70.212	Atherosclerosis of native arteries of extremities with intermittent claudication, left leg	Diagnosis	ICD-10-CM
I70.213	Atherosclerosis of native arteries of extremities with intermittent claudication, bilateral legs	Diagnosis	ICD-10-CM
I70.218	Atherosclerosis of native arteries of extremities with intermittent claudication, other extremity	Diagnosis	ICD-10-CM
I70.219	Atherosclerosis of native arteries of extremities with intermittent claudication, unspecified extremity	Diagnosis	ICD-10-CM
I70.22	Atherosclerosis of native arteries of extremities with rest pain	Diagnosis	ICD-10-CM
I70.221	Atherosclerosis of native arteries of extremities with rest pain, right leg	Diagnosis	ICD-10-CM
I70.222	Atherosclerosis of native arteries of extremities with rest pain, left leg	Diagnosis	ICD-10-CM
I70.223	Atherosclerosis of native arteries of extremities with rest pain, bilateral legs	Diagnosis	ICD-10-CM
I70.228	Atherosclerosis of native arteries of extremities with rest pain, other extremity	Diagnosis	ICD-10-CM
I70.229	Atherosclerosis of native arteries of extremities with rest pain, unspecified extremity	Diagnosis	ICD-10-CM
I70.23	Atherosclerosis of native arteries of right leg with ulceration	Diagnosis	ICD-10-CM
I70.231	Atherosclerosis of native arteries of right leg with ulceration of thigh	Diagnosis	ICD-10-CM
I70.232	Atherosclerosis of native arteries of right leg with ulceration of calf	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I70.233	Atherosclerosis of native arteries of right leg with ulceration of ankle	Diagnosis	ICD-10-CM
I70.234	Atherosclerosis of native arteries of right leg with ulceration of heel and midfoot	Diagnosis	ICD-10-CM
I70.235	Atherosclerosis of native arteries of right leg with ulceration of other part of foot	Diagnosis	ICD-10-CM
I70.238	Atherosclerosis of native arteries of right leg with ulceration of other part of lower leg	Diagnosis	ICD-10-CM
I70.239	Atherosclerosis of native arteries of right leg with ulceration of unspecified site	Diagnosis	ICD-10-CM
I70.24	Atherosclerosis of native arteries of left leg with ulceration	Diagnosis	ICD-10-CM
I70.241	Atherosclerosis of native arteries of left leg with ulceration of thigh	Diagnosis	ICD-10-CM
I70.242	Atherosclerosis of native arteries of left leg with ulceration of calf	Diagnosis	ICD-10-CM
I70.243	Atherosclerosis of native arteries of left leg with ulceration of ankle	Diagnosis	ICD-10-CM
I70.244	Atherosclerosis of native arteries of left leg with ulceration of heel and midfoot	Diagnosis	ICD-10-CM
I70.245	Atherosclerosis of native arteries of left leg with ulceration of other part of foot	Diagnosis	ICD-10-CM
I70.248	Atherosclerosis of native arteries of left leg with ulceration of other part of lower leg	Diagnosis	ICD-10-CM
I70.249	Atherosclerosis of native arteries of left leg with ulceration of unspecified site	Diagnosis	ICD-10-CM
I70.25	Atherosclerosis of native arteries of other extremities with ulceration	Diagnosis	ICD-10-CM
I70.26	Atherosclerosis of native arteries of extremities with gangrene	Diagnosis	ICD-10-CM
I70.261	Atherosclerosis of native arteries of extremities with gangrene, right leg	Diagnosis	ICD-10-CM
I70.262	Atherosclerosis of native arteries of extremities with gangrene, left leg	Diagnosis	ICD-10-CM
I70.263	Atherosclerosis of native arteries of extremities with gangrene, bilateral legs	Diagnosis	ICD-10-CM
I70.268	Atherosclerosis of native arteries of extremities with gangrene, other extremity	Diagnosis	ICD-10-CM
I70.269	Atherosclerosis of native arteries of extremities with gangrene, unspecified extremity	Diagnosis	ICD-10-CM
I70.29	Other atherosclerosis of native arteries of extremities	Diagnosis	ICD-10-CM
I70.291	Other atherosclerosis of native arteries of extremities, right leg	Diagnosis	ICD-10-CM
I70.292	Other atherosclerosis of native arteries of extremities, left leg	Diagnosis	ICD-10-CM
I70.293	Other atherosclerosis of native arteries of extremities, bilateral legs	Diagnosis	ICD-10-CM
I70.298	Other atherosclerosis of native arteries of extremities, other extremity	Diagnosis	ICD-10-CM
I70.299	Other atherosclerosis of native arteries of extremities, unspecified extremity	Diagnosis	ICD-10-CM
I70.3	Atherosclerosis of unspecified type of bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
I70.30	Unspecified atherosclerosis of unspecified type of bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
I70.301	Unspecified atherosclerosis of unspecified type of bypass graft(s) of the extremities, right leg	Diagnosis	ICD-10-CM
I70.302	Unspecified atherosclerosis of unspecified type of bypass graft(s) of the extremities, left leg	Diagnosis	ICD-10-CM
I70.303	Unspecified atherosclerosis of unspecified type of bypass graft(s) of the extremities, bilateral legs	Diagnosis	ICD-10-CM
I70.308	Unspecified atherosclerosis of unspecified type of bypass graft(s) of the extremities, other extremity	Diagnosis	ICD-10-CM
I70.309	Unspecified atherosclerosis of unspecified type of bypass graft(s) of the extremities, unspecified extremity	Diagnosis	ICD-10-CM
I70.31	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with intermittent claudication	Diagnosis	ICD-10-CM
I70.311	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with intermittent claudication, right leg	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I70.312	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with intermittent claudication, left leg	Diagnosis	ICD-10-CM
I70.313	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with intermittent claudication, bilateral legs	Diagnosis	ICD-10-CM
I70.318	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with intermittent claudication, other extremity	Diagnosis	ICD-10-CM
I70.319	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with intermittent claudication, unspecified extremity	Diagnosis	ICD-10-CM
I70.32	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with rest pain	Diagnosis	ICD-10-CM
I70.321	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with rest pain, right leg	Diagnosis	ICD-10-CM
I70.322	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with rest pain, left leg	Diagnosis	ICD-10-CM
I70.323	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with rest pain, bilateral legs	Diagnosis	ICD-10-CM
I70.328	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with rest pain, other extremity	Diagnosis	ICD-10-CM
I70.329	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with rest pain, unspecified extremity	Diagnosis	ICD-10-CM
I70.33	Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration	Diagnosis	ICD-10-CM
I70.331	Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of thigh	Diagnosis	ICD-10-CM
I70.332	Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of calf	Diagnosis	ICD-10-CM
I70.333	Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of ankle	Diagnosis	ICD-10-CM
I70.334	Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of heel and midfoot	Diagnosis	ICD-10-CM
I70.335	Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of other part of foot	Diagnosis	ICD-10-CM
I70.338	Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of other part of lower leg	Diagnosis	ICD-10-CM
I70.339	Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of unspecified site	Diagnosis	ICD-10-CM
I70.34	Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration	Diagnosis	ICD-10-CM
I70.341	Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration of thigh	Diagnosis	ICD-10-CM
I70.342	Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration of calf	Diagnosis	ICD-10-CM
I70.343	Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration of ankle	Diagnosis	ICD-10-CM
I70.344	Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration of heel and midfoot	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
170.345	Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration of other part of foot	Diagnosis	ICD-10-CM
170.348	Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration of other part of lower leg	Diagnosis	ICD-10-CM
170.349	Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration of unspecified site	Diagnosis	ICD-10-CM
170.35	Atherosclerosis of unspecified type of bypass graft(s) of other extremity with ulceration	Diagnosis	ICD-10-CM
170.36	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with gangrene	Diagnosis	ICD-10-CM
170.361	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with gangrene, right leg	Diagnosis	ICD-10-CM
170.362	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with gangrene, left leg	Diagnosis	ICD-10-CM
170.363	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with gangrene, bilateral legs	Diagnosis	ICD-10-CM
170.368	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with gangrene, other extremity	Diagnosis	ICD-10-CM
170.369	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with gangrene, unspecified extremity	Diagnosis	ICD-10-CM
170.39	Other atherosclerosis of unspecified type of bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
170.391	Other atherosclerosis of unspecified type of bypass graft(s) of the extremities, right leg	Diagnosis	ICD-10-CM
170.392	Other atherosclerosis of unspecified type of bypass graft(s) of the extremities, left leg	Diagnosis	ICD-10-CM
170.393	Other atherosclerosis of unspecified type of bypass graft(s) of the extremities, bilateral legs	Diagnosis	ICD-10-CM
170.398	Other atherosclerosis of unspecified type of bypass graft(s) of the extremities, other extremity	Diagnosis	ICD-10-CM
170.399	Other atherosclerosis of unspecified type of bypass graft(s) of the extremities, unspecified extremity	Diagnosis	ICD-10-CM
170.4	Atherosclerosis of autologous vein bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
170.40	Unspecified atherosclerosis of autologous vein bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
170.401	Unspecified atherosclerosis of autologous vein bypass graft(s) of the extremities, right leg	Diagnosis	ICD-10-CM
170.402	Unspecified atherosclerosis of autologous vein bypass graft(s) of the extremities, left leg	Diagnosis	ICD-10-CM
170.403	Unspecified atherosclerosis of autologous vein bypass graft(s) of the extremities, bilateral legs	Diagnosis	ICD-10-CM
170.408	Unspecified atherosclerosis of autologous vein bypass graft(s) of the extremities, other extremity	Diagnosis	ICD-10-CM
170.409	Unspecified atherosclerosis of autologous vein bypass graft(s) of the extremities, unspecified extremity	Diagnosis	ICD-10-CM
170.41	Atherosclerosis of autologous vein bypass graft(s) of the extremities with intermittent claudication	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I70.411	Atherosclerosis of autologous vein bypass graft(s) of the extremities with intermittent claudication, right leg	Diagnosis	ICD-10-CM
I70.412	Atherosclerosis of autologous vein bypass graft(s) of the extremities with intermittent claudication, left leg	Diagnosis	ICD-10-CM
I70.413	Atherosclerosis of autologous vein bypass graft(s) of the extremities with intermittent claudication, bilateral legs	Diagnosis	ICD-10-CM
I70.418	Atherosclerosis of autologous vein bypass graft(s) of the extremities with intermittent claudication, other extremity	Diagnosis	ICD-10-CM
I70.419	Atherosclerosis of autologous vein bypass graft(s) of the extremities with intermittent claudication, unspecified extremity	Diagnosis	ICD-10-CM
I70.42	Atherosclerosis of autologous vein bypass graft(s) of the extremities with rest pain	Diagnosis	ICD-10-CM
I70.421	Atherosclerosis of autologous vein bypass graft(s) of the extremities with rest pain, right leg	Diagnosis	ICD-10-CM
I70.422	Atherosclerosis of autologous vein bypass graft(s) of the extremities with rest pain, left leg	Diagnosis	ICD-10-CM
I70.423	Atherosclerosis of autologous vein bypass graft(s) of the extremities with rest pain, bilateral legs	Diagnosis	ICD-10-CM
I70.428	Atherosclerosis of autologous vein bypass graft(s) of the extremities with rest pain, other extremity	Diagnosis	ICD-10-CM
I70.429	Atherosclerosis of autologous vein bypass graft(s) of the extremities with rest pain, unspecified extremity	Diagnosis	ICD-10-CM
I70.43	Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration	Diagnosis	ICD-10-CM
I70.431	Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of thigh	Diagnosis	ICD-10-CM
I70.432	Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of calf	Diagnosis	ICD-10-CM
I70.433	Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of ankle	Diagnosis	ICD-10-CM
I70.434	Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of heel and midfoot	Diagnosis	ICD-10-CM
I70.435	Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of other part of foot	Diagnosis	ICD-10-CM
I70.438	Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of other part of lower leg	Diagnosis	ICD-10-CM
I70.439	Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of unspecified site	Diagnosis	ICD-10-CM
I70.44	Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration	Diagnosis	ICD-10-CM
I70.441	Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration of thigh	Diagnosis	ICD-10-CM
I70.442	Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration of calf	Diagnosis	ICD-10-CM
I70.443	Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration of ankle	Diagnosis	ICD-10-CM
I70.444	Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration of heel and midfoot	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
170.445	Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration of other part of foot	Diagnosis	ICD-10-CM
170.448	Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration of other part of lower leg	Diagnosis	ICD-10-CM
170.449	Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration of unspecified site	Diagnosis	ICD-10-CM
170.45	Atherosclerosis of autologous vein bypass graft(s) of other extremity with ulceration	Diagnosis	ICD-10-CM
170.46	Atherosclerosis of autologous vein bypass graft(s) of the extremities with gangrene	Diagnosis	ICD-10-CM
170.461	Atherosclerosis of autologous vein bypass graft(s) of the extremities with gangrene, right leg	Diagnosis	ICD-10-CM
170.462	Atherosclerosis of autologous vein bypass graft(s) of the extremities with gangrene, left leg	Diagnosis	ICD-10-CM
170.463	Atherosclerosis of autologous vein bypass graft(s) of the extremities with gangrene, bilateral legs	Diagnosis	ICD-10-CM
170.468	Atherosclerosis of autologous vein bypass graft(s) of the extremities with gangrene, other extremity	Diagnosis	ICD-10-CM
170.469	Atherosclerosis of autologous vein bypass graft(s) of the extremities with gangrene, unspecified extremity	Diagnosis	ICD-10-CM
170.49	Other atherosclerosis of autologous vein bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
170.491	Other atherosclerosis of autologous vein bypass graft(s) of the extremities, right leg	Diagnosis	ICD-10-CM
170.492	Other atherosclerosis of autologous vein bypass graft(s) of the extremities, left leg	Diagnosis	ICD-10-CM
170.493	Other atherosclerosis of autologous vein bypass graft(s) of the extremities, bilateral legs	Diagnosis	ICD-10-CM
170.498	Other atherosclerosis of autologous vein bypass graft(s) of the extremities, other extremity	Diagnosis	ICD-10-CM
170.499	Other atherosclerosis of autologous vein bypass graft(s) of the extremities, unspecified extremity	Diagnosis	ICD-10-CM
170.5	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
170.50	Unspecified atherosclerosis of nonautologous biological bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
170.501	Unspecified atherosclerosis of nonautologous biological bypass graft(s) of the extremities, right leg	Diagnosis	ICD-10-CM
170.502	Unspecified atherosclerosis of nonautologous biological bypass graft(s) of the extremities, left leg	Diagnosis	ICD-10-CM
170.503	Unspecified atherosclerosis of nonautologous biological bypass graft(s) of the extremities, bilateral legs	Diagnosis	ICD-10-CM
170.508	Unspecified atherosclerosis of nonautologous biological bypass graft(s) of the extremities, other extremity	Diagnosis	ICD-10-CM
170.509	Unspecified atherosclerosis of nonautologous biological bypass graft(s) of the extremities, unspecified extremity	Diagnosis	ICD-10-CM
170.51	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities intermittent claudication	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I70.511	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with intermittent claudication, right leg	Diagnosis	ICD-10-CM
I70.512	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with intermittent claudication, left leg	Diagnosis	ICD-10-CM
I70.513	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with intermittent claudication, bilateral legs	Diagnosis	ICD-10-CM
I70.518	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with intermittent claudication, other extremity	Diagnosis	ICD-10-CM
I70.519	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with intermittent claudication, unspecified extremity	Diagnosis	ICD-10-CM
I70.52	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with rest pain	Diagnosis	ICD-10-CM
I70.521	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with rest pain, right leg	Diagnosis	ICD-10-CM
I70.522	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with rest pain, left leg	Diagnosis	ICD-10-CM
I70.523	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with rest pain, bilateral legs	Diagnosis	ICD-10-CM
I70.528	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with rest pain, other extremity	Diagnosis	ICD-10-CM
I70.529	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with rest pain, unspecified extremity	Diagnosis	ICD-10-CM
I70.53	Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with ulceration	Diagnosis	ICD-10-CM
I70.531	Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with ulceration of thigh	Diagnosis	ICD-10-CM
I70.532	Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with ulceration of calf	Diagnosis	ICD-10-CM
I70.533	Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with ulceration of ankle	Diagnosis	ICD-10-CM
I70.534	Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with ulceration of heel and midfoot	Diagnosis	ICD-10-CM
I70.535	Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with ulceration of other part of foot	Diagnosis	ICD-10-CM
I70.538	Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with ulceration of other part of lower leg	Diagnosis	ICD-10-CM
I70.539	Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with ulceration of unspecified site	Diagnosis	ICD-10-CM
I70.54	Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with ulceration	Diagnosis	ICD-10-CM
I70.541	Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with ulceration of thigh	Diagnosis	ICD-10-CM
I70.542	Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with ulceration of calf	Diagnosis	ICD-10-CM
I70.543	Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with ulceration of ankle	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
170.544	Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with ulceration of heel and midfoot	Diagnosis	ICD-10-CM
170.545	Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with ulceration of other part of foot	Diagnosis	ICD-10-CM
170.548	Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with ulceration of other part of lower leg	Diagnosis	ICD-10-CM
170.549	Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with ulceration of unspecified site	Diagnosis	ICD-10-CM
170.55	Atherosclerosis of nonautologous biological bypass graft(s) of other extremity with ulceration	Diagnosis	ICD-10-CM
170.56	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with gangrene	Diagnosis	ICD-10-CM
170.561	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with gangrene, right leg	Diagnosis	ICD-10-CM
170.562	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with gangrene, left leg	Diagnosis	ICD-10-CM
170.563	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with gangrene, bilateral legs	Diagnosis	ICD-10-CM
170.568	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with gangrene, other extremity	Diagnosis	ICD-10-CM
170.569	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with gangrene, unspecified extremity	Diagnosis	ICD-10-CM
170.59	Other atherosclerosis of nonautologous biological bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
170.591	Other atherosclerosis of nonautologous biological bypass graft(s) of the extremities, right leg	Diagnosis	ICD-10-CM
170.592	Other atherosclerosis of nonautologous biological bypass graft(s) of the extremities, left leg	Diagnosis	ICD-10-CM
170.593	Other atherosclerosis of nonautologous biological bypass graft(s) of the extremities, bilateral legs	Diagnosis	ICD-10-CM
170.598	Other atherosclerosis of nonautologous biological bypass graft(s) of the extremities, other extremity	Diagnosis	ICD-10-CM
170.599	Other atherosclerosis of nonautologous biological bypass graft(s) of the extremities, unspecified extremity	Diagnosis	ICD-10-CM
170.6	Atherosclerosis of nonbiological bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
170.60	Unspecified atherosclerosis of nonbiological bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
170.601	Unspecified atherosclerosis of nonbiological bypass graft(s) of the extremities, right leg	Diagnosis	ICD-10-CM
170.602	Unspecified atherosclerosis of nonbiological bypass graft(s) of the extremities, left leg	Diagnosis	ICD-10-CM
170.603	Unspecified atherosclerosis of nonbiological bypass graft(s) of the extremities, bilateral legs	Diagnosis	ICD-10-CM
170.608	Unspecified atherosclerosis of nonbiological bypass graft(s) of the extremities, other extremity	Diagnosis	ICD-10-CM
170.609	Unspecified atherosclerosis of nonbiological bypass graft(s) of the extremities, unspecified extremity	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I70.61	Atherosclerosis of nonbiological bypass graft(s) of the extremities with intermittent claudication	Diagnosis	ICD-10-CM
I70.611	Atherosclerosis of nonbiological bypass graft(s) of the extremities with intermittent claudication, right leg	Diagnosis	ICD-10-CM
I70.612	Atherosclerosis of nonbiological bypass graft(s) of the extremities with intermittent claudication, left leg	Diagnosis	ICD-10-CM
I70.613	Atherosclerosis of nonbiological bypass graft(s) of the extremities with intermittent claudication, bilateral legs	Diagnosis	ICD-10-CM
I70.618	Atherosclerosis of nonbiological bypass graft(s) of the extremities with intermittent claudication, other extremity	Diagnosis	ICD-10-CM
I70.619	Atherosclerosis of nonbiological bypass graft(s) of the extremities with intermittent claudication, unspecified extremity	Diagnosis	ICD-10-CM
I70.62	Atherosclerosis of nonbiological bypass graft(s) of the extremities with rest pain	Diagnosis	ICD-10-CM
I70.621	Atherosclerosis of nonbiological bypass graft(s) of the extremities with rest pain, right leg	Diagnosis	ICD-10-CM
I70.622	Atherosclerosis of nonbiological bypass graft(s) of the extremities with rest pain, left leg	Diagnosis	ICD-10-CM
I70.623	Atherosclerosis of nonbiological bypass graft(s) of the extremities with rest pain, bilateral legs	Diagnosis	ICD-10-CM
I70.628	Atherosclerosis of nonbiological bypass graft(s) of the extremities with rest pain, other extremity	Diagnosis	ICD-10-CM
I70.629	Atherosclerosis of nonbiological bypass graft(s) of the extremities with rest pain, unspecified extremity	Diagnosis	ICD-10-CM
I70.63	Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration	Diagnosis	ICD-10-CM
I70.631	Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration of thigh	Diagnosis	ICD-10-CM
I70.632	Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration of calf	Diagnosis	ICD-10-CM
I70.633	Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration of ankle	Diagnosis	ICD-10-CM
I70.634	Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration of heel and midfoot	Diagnosis	ICD-10-CM
I70.635	Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration of other part of foot	Diagnosis	ICD-10-CM
I70.638	Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration of other part of lower leg	Diagnosis	ICD-10-CM
I70.639	Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration of unspecified site	Diagnosis	ICD-10-CM
I70.64	Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration	Diagnosis	ICD-10-CM
I70.641	Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of thigh	Diagnosis	ICD-10-CM
I70.642	Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of calf	Diagnosis	ICD-10-CM
I70.643	Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of ankle	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I70.644	Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of heel and midfoot	Diagnosis	ICD-10-CM
I70.645	Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of other part of foot	Diagnosis	ICD-10-CM
I70.648	Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of other part of lower leg	Diagnosis	ICD-10-CM
I70.649	Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of unspecified site	Diagnosis	ICD-10-CM
I70.65	Atherosclerosis of nonbiological bypass graft(s) of other extremity with ulceration	Diagnosis	ICD-10-CM
I70.66	Atherosclerosis of nonbiological bypass graft(s) of the extremities with gangrene	Diagnosis	ICD-10-CM
I70.661	Atherosclerosis of nonbiological bypass graft(s) of the extremities with gangrene, right leg	Diagnosis	ICD-10-CM
I70.662	Atherosclerosis of nonbiological bypass graft(s) of the extremities with gangrene, left leg	Diagnosis	ICD-10-CM
I70.663	Atherosclerosis of nonbiological bypass graft(s) of the extremities with gangrene, bilateral legs	Diagnosis	ICD-10-CM
I70.668	Atherosclerosis of nonbiological bypass graft(s) of the extremities with gangrene, other extremity	Diagnosis	ICD-10-CM
I70.669	Atherosclerosis of nonbiological bypass graft(s) of the extremities with gangrene, unspecified extremity	Diagnosis	ICD-10-CM
I70.69	Other atherosclerosis of nonbiological bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
I70.691	Other atherosclerosis of nonbiological bypass graft(s) of the extremities, right leg	Diagnosis	ICD-10-CM
I70.692	Other atherosclerosis of nonbiological bypass graft(s) of the extremities, left leg	Diagnosis	ICD-10-CM
I70.693	Other atherosclerosis of nonbiological bypass graft(s) of the extremities, bilateral legs	Diagnosis	ICD-10-CM
I70.698	Other atherosclerosis of nonbiological bypass graft(s) of the extremities, other extremity	Diagnosis	ICD-10-CM
I70.699	Other atherosclerosis of nonbiological bypass graft(s) of the extremities, unspecified extremity	Diagnosis	ICD-10-CM
I70.7	Atherosclerosis of other type of bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
I70.70	Unspecified atherosclerosis of other type of bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
I70.701	Unspecified atherosclerosis of other type of bypass graft(s) of the extremities, right leg	Diagnosis	ICD-10-CM
I70.702	Unspecified atherosclerosis of other type of bypass graft(s) of the extremities, left leg	Diagnosis	ICD-10-CM
I70.703	Unspecified atherosclerosis of other type of bypass graft(s) of the extremities, bilateral legs	Diagnosis	ICD-10-CM
I70.708	Unspecified atherosclerosis of other type of bypass graft(s) of the extremities, other extremity	Diagnosis	ICD-10-CM
I70.709	Unspecified atherosclerosis of other type of bypass graft(s) of the extremities, unspecified extremity	Diagnosis	ICD-10-CM
I70.71	Atherosclerosis of other type of bypass graft(s) of the extremities with intermittent claudication	Diagnosis	ICD-10-CM
I70.711	Atherosclerosis of other type of bypass graft(s) of the extremities with intermittent claudication, right leg	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I70.712	Atherosclerosis of other type of bypass graft(s) of the extremities with intermittent claudication, left leg	Diagnosis	ICD-10-CM
I70.713	Atherosclerosis of other type of bypass graft(s) of the extremities with intermittent claudication, bilateral legs	Diagnosis	ICD-10-CM
I70.718	Atherosclerosis of other type of bypass graft(s) of the extremities with intermittent claudication, other extremity	Diagnosis	ICD-10-CM
I70.719	Atherosclerosis of other type of bypass graft(s) of the extremities with intermittent claudication, unspecified extremity	Diagnosis	ICD-10-CM
I70.72	Atherosclerosis of other type of bypass graft(s) of the extremities with rest pain	Diagnosis	ICD-10-CM
I70.721	Atherosclerosis of other type of bypass graft(s) of the extremities with rest pain, right leg	Diagnosis	ICD-10-CM
I70.722	Atherosclerosis of other type of bypass graft(s) of the extremities with rest pain, left leg	Diagnosis	ICD-10-CM
I70.723	Atherosclerosis of other type of bypass graft(s) of the extremities with rest pain, bilateral legs	Diagnosis	ICD-10-CM
I70.728	Atherosclerosis of other type of bypass graft(s) of the extremities with rest pain, other extremity	Diagnosis	ICD-10-CM
I70.729	Atherosclerosis of other type of bypass graft(s) of the extremities with rest pain, unspecified extremity	Diagnosis	ICD-10-CM
I70.73	Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration	Diagnosis	ICD-10-CM
I70.731	Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration of thigh	Diagnosis	ICD-10-CM
I70.732	Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration of calf	Diagnosis	ICD-10-CM
I70.733	Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration of ankle	Diagnosis	ICD-10-CM
I70.734	Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration of heel and midfoot	Diagnosis	ICD-10-CM
I70.735	Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration of other part of foot	Diagnosis	ICD-10-CM
I70.738	Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration of other part of lower leg	Diagnosis	ICD-10-CM
I70.739	Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration of unspecified site	Diagnosis	ICD-10-CM
I70.74	Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration	Diagnosis	ICD-10-CM
I70.741	Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration of thigh	Diagnosis	ICD-10-CM
I70.742	Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration of calf	Diagnosis	ICD-10-CM
I70.743	Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration of ankle	Diagnosis	ICD-10-CM
I70.744	Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration of heel and midfoot	Diagnosis	ICD-10-CM
I70.745	Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration of other part of foot	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I70.748	Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration of other part of lower leg	Diagnosis	ICD-10-CM
I70.749	Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration of unspecified site	Diagnosis	ICD-10-CM
I70.75	Atherosclerosis of other type of bypass graft(s) of other extremity with ulceration	Diagnosis	ICD-10-CM
I70.76	Atherosclerosis of other type of bypass graft(s) of the extremities with gangrene	Diagnosis	ICD-10-CM
I70.761	Atherosclerosis of other type of bypass graft(s) of the extremities with gangrene, right leg	Diagnosis	ICD-10-CM
I70.762	Atherosclerosis of other type of bypass graft(s) of the extremities with gangrene, left leg	Diagnosis	ICD-10-CM
I70.763	Atherosclerosis of other type of bypass graft(s) of the extremities with gangrene, bilateral legs	Diagnosis	ICD-10-CM
I70.768	Atherosclerosis of other type of bypass graft(s) of the extremities with gangrene, other extremity	Diagnosis	ICD-10-CM
I70.769	Atherosclerosis of other type of bypass graft(s) of the extremities with gangrene, unspecified extremity	Diagnosis	ICD-10-CM
I70.79	Other atherosclerosis of other type of bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
I70.791	Other atherosclerosis of other type of bypass graft(s) of the extremities, right leg	Diagnosis	ICD-10-CM
I70.792	Other atherosclerosis of other type of bypass graft(s) of the extremities, left leg	Diagnosis	ICD-10-CM
I70.793	Other atherosclerosis of other type of bypass graft(s) of the extremities, bilateral legs	Diagnosis	ICD-10-CM
I70.798	Other atherosclerosis of other type of bypass graft(s) of the extremities, other extremity	Diagnosis	ICD-10-CM
I70.799	Other atherosclerosis of other type of bypass graft(s) of the extremities, unspecified extremity	Diagnosis	ICD-10-CM
I70.8	Atherosclerosis of other arteries	Diagnosis	ICD-10-CM
I70.9	Other and unspecified atherosclerosis	Diagnosis	ICD-10-CM
I70.90	Unspecified atherosclerosis	Diagnosis	ICD-10-CM
I70.91	Generalized atherosclerosis	Diagnosis	ICD-10-CM
I70.92	Chronic total occlusion of artery of the extremities	Diagnosis	ICD-10-CM
I71	Aortic aneurysm and dissection	Diagnosis	ICD-10-CM
I71.0	Dissection of aorta	Diagnosis	ICD-10-CM
I71.00	Dissection of unspecified site of aorta	Diagnosis	ICD-10-CM
I71.01	Dissection of thoracic aorta	Diagnosis	ICD-10-CM
I71.02	Dissection of abdominal aorta	Diagnosis	ICD-10-CM
I71.03	Dissection of thoracoabdominal aorta	Diagnosis	ICD-10-CM
I71.1	Thoracic aortic aneurysm, ruptured	Diagnosis	ICD-10-CM
I71.2	Thoracic aortic aneurysm, without rupture	Diagnosis	ICD-10-CM
I71.3	Abdominal aortic aneurysm, ruptured	Diagnosis	ICD-10-CM
I71.4	Abdominal aortic aneurysm, without rupture	Diagnosis	ICD-10-CM
I71.5	Thoracoabdominal aortic aneurysm, ruptured	Diagnosis	ICD-10-CM
I71.6	Thoracoabdominal aortic aneurysm, without rupture	Diagnosis	ICD-10-CM
I71.8	Aortic aneurysm of unspecified site, ruptured	Diagnosis	ICD-10-CM
I71.9	Aortic aneurysm of unspecified site, without rupture	Diagnosis	ICD-10-CM
I72	Other aneurysm	Diagnosis	ICD-10-CM
I72.0	Aneurysm of carotid artery	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I72.1	Aneurysm of artery of upper extremity	Diagnosis	ICD-10-CM
I72.2	Aneurysm of renal artery	Diagnosis	ICD-10-CM
I72.3	Aneurysm of iliac artery	Diagnosis	ICD-10-CM
I72.4	Aneurysm of artery of lower extremity	Diagnosis	ICD-10-CM
I72.5	Aneurysm of other precerebral arteries	Diagnosis	ICD-10-CM
I72.6	Aneurysm of vertebral artery	Diagnosis	ICD-10-CM
I72.8	Aneurysm of other specified arteries	Diagnosis	ICD-10-CM
I72.9	Aneurysm of unspecified site	Diagnosis	ICD-10-CM
I73	Other peripheral Cardiovascular Diseases	Diagnosis	ICD-10-CM
I73.0	Raynaud's syndrome	Diagnosis	ICD-10-CM
I73.00	Raynaud's syndrome without gangrene	Diagnosis	ICD-10-CM
I73.01	Raynaud's syndrome with gangrene	Diagnosis	ICD-10-CM
I73.1	Thromboangiitis obliterans [Buerger's disease]	Diagnosis	ICD-10-CM
I73.8	Other specified peripheral Cardiovascular Diseases	Diagnosis	ICD-10-CM
I73.81	Erythromelalgia	Diagnosis	ICD-10-CM
I73.89	Other specified peripheral Cardiovascular Diseases	Diagnosis	ICD-10-CM
I73.9	Peripheral Cardiovascular Disease, unspecified	Diagnosis	ICD-10-CM
I74	Arterial embolism and thrombosis	Diagnosis	ICD-10-CM
I74.0	Embolism and thrombosis of abdominal aorta	Diagnosis	ICD-10-CM
I74.01	Saddle embolus of abdominal aorta	Diagnosis	ICD-10-CM
I74.09	Other arterial embolism and thrombosis of abdominal aorta	Diagnosis	ICD-10-CM
I74.1	Embolism and thrombosis of other and unspecified parts of aorta	Diagnosis	ICD-10-CM
I74.10	Embolism and thrombosis of unspecified parts of aorta	Diagnosis	ICD-10-CM
I74.11	Embolism and thrombosis of thoracic aorta	Diagnosis	ICD-10-CM
I74.19	Embolism and thrombosis of other parts of aorta	Diagnosis	ICD-10-CM
I74.2	Embolism and thrombosis of arteries of the upper extremities	Diagnosis	ICD-10-CM
I74.3	Embolism and thrombosis of arteries of the lower extremities	Diagnosis	ICD-10-CM
I74.4	Embolism and thrombosis of arteries of extremities, unspecified	Diagnosis	ICD-10-CM
I74.5	Embolism and thrombosis of iliac artery	Diagnosis	ICD-10-CM
I74.8	Embolism and thrombosis of other arteries	Diagnosis	ICD-10-CM
I74.9	Embolism and thrombosis of unspecified artery	Diagnosis	ICD-10-CM
I75	Atheroembolism	Diagnosis	ICD-10-CM
I75.0	Atheroembolism of extremities	Diagnosis	ICD-10-CM
I75.01	Atheroembolism of upper extremity	Diagnosis	ICD-10-CM
I75.011	Atheroembolism of right upper extremity	Diagnosis	ICD-10-CM
I75.012	Atheroembolism of left upper extremity	Diagnosis	ICD-10-CM
I75.013	Atheroembolism of bilateral upper extremities	Diagnosis	ICD-10-CM
I75.019	Atheroembolism of unspecified upper extremity	Diagnosis	ICD-10-CM
I75.02	Atheroembolism of lower extremity	Diagnosis	ICD-10-CM
I75.021	Atheroembolism of right lower extremity	Diagnosis	ICD-10-CM
I75.022	Atheroembolism of left lower extremity	Diagnosis	ICD-10-CM
I75.023	Atheroembolism of bilateral lower extremities	Diagnosis	ICD-10-CM
I75.029	Atheroembolism of unspecified lower extremity	Diagnosis	ICD-10-CM
I75.8	Atheroembolism of other sites	Diagnosis	ICD-10-CM
I75.81	Atheroembolism of kidney	Diagnosis	ICD-10-CM
I75.89	Atheroembolism of other site	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I76	Septic arterial embolism	Diagnosis	ICD-10-CM
I77	Other disorders of arteries and arterioles	Diagnosis	ICD-10-CM
I77.0	Arteriovenous fistula, acquired	Diagnosis	ICD-10-CM
I77.1	Stricture of artery	Diagnosis	ICD-10-CM
I77.2	Rupture of artery	Diagnosis	ICD-10-CM
I77.3	Arterial fibromuscular dysplasia	Diagnosis	ICD-10-CM
I77.4	Celiac artery compression syndrome	Diagnosis	ICD-10-CM
I77.5	Necrosis of artery	Diagnosis	ICD-10-CM
I77.6	Arteritis, unspecified	Diagnosis	ICD-10-CM
I77.7	Other arterial dissection	Diagnosis	ICD-10-CM
I77.70	Dissection of unspecified artery	Diagnosis	ICD-10-CM
I77.71	Dissection of carotid artery	Diagnosis	ICD-10-CM
I77.72	Dissection of iliac artery	Diagnosis	ICD-10-CM
I77.73	Dissection of renal artery	Diagnosis	ICD-10-CM
I77.74	Dissection of vertebral artery	Diagnosis	ICD-10-CM
I77.75	Dissection of other precerebral arteries	Diagnosis	ICD-10-CM
I77.76	Dissection of artery of upper extremity	Diagnosis	ICD-10-CM
I77.77	Dissection of artery of lower extremity	Diagnosis	ICD-10-CM
I77.79	Dissection of other specified artery	Diagnosis	ICD-10-CM
I77.8	Other specified disorders of arteries and arterioles	Diagnosis	ICD-10-CM
I77.81	Aortic ectasia	Diagnosis	ICD-10-CM
I77.810	Thoracic aortic ectasia	Diagnosis	ICD-10-CM
I77.811	Abdominal aortic ectasia	Diagnosis	ICD-10-CM
I77.812	Thoracoabdominal aortic ectasia	Diagnosis	ICD-10-CM
I77.819	Aortic ectasia, unspecified site	Diagnosis	ICD-10-CM
I77.89	Other specified disorders of arteries and arterioles	Diagnosis	ICD-10-CM
I77.9	Disorder of arteries and arterioles, unspecified	Diagnosis	ICD-10-CM
I78	Diseases of capillaries	Diagnosis	ICD-10-CM
I78.0	Hereditary hemorrhagic telangiectasia	Diagnosis	ICD-10-CM
I78.1	Nevus, non-neoplastic	Diagnosis	ICD-10-CM
I78.8	Other diseases of capillaries	Diagnosis	ICD-10-CM
I78.9	Disease of capillaries, unspecified	Diagnosis	ICD-10-CM
I79	Disorders of arteries, arterioles and capillaries in diseases classified elsewhere	Diagnosis	ICD-10-CM
I79.0	Aneurysm of aorta in diseases classified elsewhere	Diagnosis	ICD-10-CM
I79.1	Aortitis in diseases classified elsewhere	Diagnosis	ICD-10-CM
I79.8	Other disorders of arteries, arterioles and capillaries in diseases classified elsewhere	Diagnosis	ICD-10-CM
I80	Phlebitis and thrombophlebitis	Diagnosis	ICD-10-CM
I80.0	Phlebitis and thrombophlebitis of superficial vessels of lower extremities	Diagnosis	ICD-10-CM
I80.00	Phlebitis and thrombophlebitis of superficial vessels of unspecified lower extremity	Diagnosis	ICD-10-CM
I80.01	Phlebitis and thrombophlebitis of superficial vessels of right lower extremity	Diagnosis	ICD-10-CM
I80.02	Phlebitis and thrombophlebitis of superficial vessels of left lower extremity	Diagnosis	ICD-10-CM
I80.03	Phlebitis and thrombophlebitis of superficial vessels of lower extremities, bilateral	Diagnosis	ICD-10-CM
I80.1	Phlebitis and thrombophlebitis of femoral vein	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I80.10	Phlebitis and thrombophlebitis of unspecified femoral vein	Diagnosis	ICD-10-CM
I80.11	Phlebitis and thrombophlebitis of right femoral vein	Diagnosis	ICD-10-CM
I80.12	Phlebitis and thrombophlebitis of left femoral vein	Diagnosis	ICD-10-CM
I80.13	Phlebitis and thrombophlebitis of femoral vein, bilateral	Diagnosis	ICD-10-CM
I80.2	Phlebitis and thrombophlebitis of other and unspecified deep vessels of lower extremities	Diagnosis	ICD-10-CM
I80.20	Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremities	Diagnosis	ICD-10-CM
I80.201	Phlebitis and thrombophlebitis of unspecified deep vessels of right lower extremity	Diagnosis	ICD-10-CM
I80.202	Phlebitis and thrombophlebitis of unspecified deep vessels of left lower extremity	Diagnosis	ICD-10-CM
I80.203	Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremities, bilateral	Diagnosis	ICD-10-CM
I80.209	Phlebitis and thrombophlebitis of unspecified deep vessels of unspecified lower extremity	Diagnosis	ICD-10-CM
I80.21	Phlebitis and thrombophlebitis of iliac vein	Diagnosis	ICD-10-CM
I80.211	Phlebitis and thrombophlebitis of right iliac vein	Diagnosis	ICD-10-CM
I80.212	Phlebitis and thrombophlebitis of left iliac vein	Diagnosis	ICD-10-CM
I80.213	Phlebitis and thrombophlebitis of iliac vein, bilateral	Diagnosis	ICD-10-CM
I80.219	Phlebitis and thrombophlebitis of unspecified iliac vein	Diagnosis	ICD-10-CM
I80.22	Phlebitis and thrombophlebitis of popliteal vein	Diagnosis	ICD-10-CM
I80.221	Phlebitis and thrombophlebitis of right popliteal vein	Diagnosis	ICD-10-CM
I80.222	Phlebitis and thrombophlebitis of left popliteal vein	Diagnosis	ICD-10-CM
I80.223	Phlebitis and thrombophlebitis of popliteal vein, bilateral	Diagnosis	ICD-10-CM
I80.229	Phlebitis and thrombophlebitis of unspecified popliteal vein	Diagnosis	ICD-10-CM
I80.23	Phlebitis and thrombophlebitis of tibial vein	Diagnosis	ICD-10-CM
I80.231	Phlebitis and thrombophlebitis of right tibial vein	Diagnosis	ICD-10-CM
I80.232	Phlebitis and thrombophlebitis of left tibial vein	Diagnosis	ICD-10-CM
I80.233	Phlebitis and thrombophlebitis of tibial vein, bilateral	Diagnosis	ICD-10-CM
I80.239	Phlebitis and thrombophlebitis of unspecified tibial vein	Diagnosis	ICD-10-CM
I80.24	Phlebitis and thrombophlebitis of peroneal vein	Diagnosis	ICD-10-CM
I80.241	Phlebitis and thrombophlebitis of right peroneal vein	Diagnosis	ICD-10-CM
I80.242	Phlebitis and thrombophlebitis of left peroneal vein	Diagnosis	ICD-10-CM
I80.243	Phlebitis and thrombophlebitis of peroneal vein, bilateral	Diagnosis	ICD-10-CM
I80.249	Phlebitis and thrombophlebitis of unspecified peroneal vein	Diagnosis	ICD-10-CM
I80.25	Phlebitis and thrombophlebitis of calf muscular vein	Diagnosis	ICD-10-CM
I80.251	Phlebitis and thrombophlebitis of right calf muscular vein	Diagnosis	ICD-10-CM
I80.252	Phlebitis and thrombophlebitis of left calf muscular vein	Diagnosis	ICD-10-CM
I80.253	Phlebitis and thrombophlebitis of calf muscular vein, bilateral	Diagnosis	ICD-10-CM
I80.259	Phlebitis and thrombophlebitis of unspecified calf muscular vein	Diagnosis	ICD-10-CM
I80.29	Phlebitis and thrombophlebitis of other deep vessels of lower extremities	Diagnosis	ICD-10-CM
I80.291	Phlebitis and thrombophlebitis of other deep vessels of right lower extremity	Diagnosis	ICD-10-CM
I80.292	Phlebitis and thrombophlebitis of other deep vessels of left lower extremity	Diagnosis	ICD-10-CM
I80.293	Phlebitis and thrombophlebitis of other deep vessels of lower extremity, bilateral	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I80.299	Phlebitis and thrombophlebitis of other deep vessels of unspecified lower extremity	Diagnosis	ICD-10-CM
I80.3	Phlebitis and thrombophlebitis of lower extremities, unspecified	Diagnosis	ICD-10-CM
I80.8	Phlebitis and thrombophlebitis of other sites	Diagnosis	ICD-10-CM
I80.9	Phlebitis and thrombophlebitis of unspecified site	Diagnosis	ICD-10-CM
I81	Portal vein thrombosis	Diagnosis	ICD-10-CM
I82	Other venous embolism and thrombosis	Diagnosis	ICD-10-CM
I82.0	Budd-Chiari syndrome	Diagnosis	ICD-10-CM
I82.1	Thrombophlebitis migrans	Diagnosis	ICD-10-CM
I82.2	Embolism and thrombosis of vena cava and other thoracic veins	Diagnosis	ICD-10-CM
I82.21	Embolism and thrombosis of superior vena cava	Diagnosis	ICD-10-CM
I82.210	Acute embolism and thrombosis of superior vena cava	Diagnosis	ICD-10-CM
I82.211	Chronic embolism and thrombosis of superior vena cava	Diagnosis	ICD-10-CM
I82.22	Embolism and thrombosis of inferior vena cava	Diagnosis	ICD-10-CM
I82.220	Acute embolism and thrombosis of inferior vena cava	Diagnosis	ICD-10-CM
I82.221	Chronic embolism and thrombosis of inferior vena cava	Diagnosis	ICD-10-CM
I82.29	Embolism and thrombosis of other thoracic veins	Diagnosis	ICD-10-CM
I82.290	Acute embolism and thrombosis of other thoracic veins	Diagnosis	ICD-10-CM
I82.291	Chronic embolism and thrombosis of other thoracic veins	Diagnosis	ICD-10-CM
I82.3	Embolism and thrombosis of renal vein	Diagnosis	ICD-10-CM
I82.4	Acute embolism and thrombosis of deep veins of lower extremity	Diagnosis	ICD-10-CM
I82.40	Acute embolism and thrombosis of unspecified deep veins of lower extremity	Diagnosis	ICD-10-CM
I82.401	Acute embolism and thrombosis of unspecified deep veins of right lower extremity	Diagnosis	ICD-10-CM
I82.402	Acute embolism and thrombosis of unspecified deep veins of left lower extremity	Diagnosis	ICD-10-CM
I82.403	Acute embolism and thrombosis of unspecified deep veins of lower extremity, bilateral	Diagnosis	ICD-10-CM
I82.409	Acute embolism and thrombosis of unspecified deep veins of unspecified lower extremity	Diagnosis	ICD-10-CM
I82.41	Acute embolism and thrombosis of femoral vein	Diagnosis	ICD-10-CM
I82.411	Acute embolism and thrombosis of right femoral vein	Diagnosis	ICD-10-CM
I82.412	Acute embolism and thrombosis of left femoral vein	Diagnosis	ICD-10-CM
I82.413	Acute embolism and thrombosis of femoral vein, bilateral	Diagnosis	ICD-10-CM
I82.419	Acute embolism and thrombosis of unspecified femoral vein	Diagnosis	ICD-10-CM
I82.42	Acute embolism and thrombosis of iliac vein	Diagnosis	ICD-10-CM
I82.421	Acute embolism and thrombosis of right iliac vein	Diagnosis	ICD-10-CM
I82.422	Acute embolism and thrombosis of left iliac vein	Diagnosis	ICD-10-CM
I82.423	Acute embolism and thrombosis of iliac vein, bilateral	Diagnosis	ICD-10-CM
I82.429	Acute embolism and thrombosis of unspecified iliac vein	Diagnosis	ICD-10-CM
I82.43	Acute embolism and thrombosis of popliteal vein	Diagnosis	ICD-10-CM
I82.431	Acute embolism and thrombosis of right popliteal vein	Diagnosis	ICD-10-CM
I82.432	Acute embolism and thrombosis of left popliteal vein	Diagnosis	ICD-10-CM
I82.433	Acute embolism and thrombosis of popliteal vein, bilateral	Diagnosis	ICD-10-CM
I82.439	Acute embolism and thrombosis of unspecified popliteal vein	Diagnosis	ICD-10-CM
I82.44	Acute embolism and thrombosis of tibial vein	Diagnosis	ICD-10-CM
I82.441	Acute embolism and thrombosis of right tibial vein	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I82.442	Acute embolism and thrombosis of left tibial vein	Diagnosis	ICD-10-CM
I82.443	Acute embolism and thrombosis of tibial vein, bilateral	Diagnosis	ICD-10-CM
I82.449	Acute embolism and thrombosis of unspecified tibial vein	Diagnosis	ICD-10-CM
I82.45	Acute embolism and thrombosis of peroneal vein	Diagnosis	ICD-10-CM
I82.451	Acute embolism and thrombosis of right peroneal vein	Diagnosis	ICD-10-CM
I82.452	Acute embolism and thrombosis of left peroneal vein	Diagnosis	ICD-10-CM
I82.453	Acute embolism and thrombosis of peroneal vein, bilateral	Diagnosis	ICD-10-CM
I82.459	Acute embolism and thrombosis of unspecified peroneal vein	Diagnosis	ICD-10-CM
I82.46	Acute embolism and thrombosis of calf muscular vein	Diagnosis	ICD-10-CM
I82.461	Acute embolism and thrombosis of right calf muscular vein	Diagnosis	ICD-10-CM
I82.462	Acute embolism and thrombosis of left calf muscular vein	Diagnosis	ICD-10-CM
I82.463	Acute embolism and thrombosis of calf muscular vein, bilateral	Diagnosis	ICD-10-CM
I82.469	Acute embolism and thrombosis of unspecified calf muscular vein	Diagnosis	ICD-10-CM
I82.49	Acute embolism and thrombosis of other specified deep vein of lower extremity	Diagnosis	ICD-10-CM
I82.491	Acute embolism and thrombosis of other specified deep vein of right lower extremity	Diagnosis	ICD-10-CM
I82.492	Acute embolism and thrombosis of other specified deep vein of left lower extremity	Diagnosis	ICD-10-CM
I82.493	Acute embolism and thrombosis of other specified deep vein of lower extremity, bilateral	Diagnosis	ICD-10-CM
I82.499	Acute embolism and thrombosis of other specified deep vein of unspecified lower extremity	Diagnosis	ICD-10-CM
I82.4Y	Acute embolism and thrombosis of unspecified deep veins of proximal lower extremity	Diagnosis	ICD-10-CM
I82.4Y1	Acute embolism and thrombosis of unspecified deep veins of right proximal lower extremity	Diagnosis	ICD-10-CM
I82.4Y2	Acute embolism and thrombosis of unspecified deep veins of left proximal lower extremity	Diagnosis	ICD-10-CM
I82.4Y3	Acute embolism and thrombosis of unspecified deep veins of proximal lower extremity, bilateral	Diagnosis	ICD-10-CM
I82.4Y9	Acute embolism and thrombosis of unspecified deep veins of unspecified proximal lower extremity	Diagnosis	ICD-10-CM
I82.4Z	Acute embolism and thrombosis of unspecified deep veins of distal lower extremity	Diagnosis	ICD-10-CM
I82.4Z1	Acute embolism and thrombosis of unspecified deep veins of right distal lower extremity	Diagnosis	ICD-10-CM
I82.4Z2	Acute embolism and thrombosis of unspecified deep veins of left distal lower extremity	Diagnosis	ICD-10-CM
I82.4Z3	Acute embolism and thrombosis of unspecified deep veins of distal lower extremity, bilateral	Diagnosis	ICD-10-CM
I82.4Z9	Acute embolism and thrombosis of unspecified deep veins of unspecified distal lower extremity	Diagnosis	ICD-10-CM
I82.5	Chronic embolism and thrombosis of deep veins of lower extremity	Diagnosis	ICD-10-CM
I82.50	Chronic embolism and thrombosis of unspecified deep veins of lower extremity	Diagnosis	ICD-10-CM
I82.501	Chronic embolism and thrombosis of unspecified deep veins of right lower extremity	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I82.502	Chronic embolism and thrombosis of unspecified deep veins of left lower extremity	Diagnosis	ICD-10-CM
I82.503	Chronic embolism and thrombosis of unspecified deep veins of lower extremity, bilateral	Diagnosis	ICD-10-CM
I82.509	Chronic embolism and thrombosis of unspecified deep veins of unspecified lower extremity	Diagnosis	ICD-10-CM
I82.51	Chronic embolism and thrombosis of femoral vein	Diagnosis	ICD-10-CM
I82.511	Chronic embolism and thrombosis of right femoral vein	Diagnosis	ICD-10-CM
I82.512	Chronic embolism and thrombosis of left femoral vein	Diagnosis	ICD-10-CM
I82.513	Chronic embolism and thrombosis of femoral vein, bilateral	Diagnosis	ICD-10-CM
I82.519	Chronic embolism and thrombosis of unspecified femoral vein	Diagnosis	ICD-10-CM
I82.52	Chronic embolism and thrombosis of iliac vein	Diagnosis	ICD-10-CM
I82.521	Chronic embolism and thrombosis of right iliac vein	Diagnosis	ICD-10-CM
I82.522	Chronic embolism and thrombosis of left iliac vein	Diagnosis	ICD-10-CM
I82.523	Chronic embolism and thrombosis of iliac vein, bilateral	Diagnosis	ICD-10-CM
I82.529	Chronic embolism and thrombosis of unspecified iliac vein	Diagnosis	ICD-10-CM
I82.53	Chronic embolism and thrombosis of popliteal vein	Diagnosis	ICD-10-CM
I82.531	Chronic embolism and thrombosis of right popliteal vein	Diagnosis	ICD-10-CM
I82.532	Chronic embolism and thrombosis of left popliteal vein	Diagnosis	ICD-10-CM
I82.533	Chronic embolism and thrombosis of popliteal vein, bilateral	Diagnosis	ICD-10-CM
I82.539	Chronic embolism and thrombosis of unspecified popliteal vein	Diagnosis	ICD-10-CM
I82.54	Chronic embolism and thrombosis of tibial vein	Diagnosis	ICD-10-CM
I82.541	Chronic embolism and thrombosis of right tibial vein	Diagnosis	ICD-10-CM
I82.542	Chronic embolism and thrombosis of left tibial vein	Diagnosis	ICD-10-CM
I82.543	Chronic embolism and thrombosis of tibial vein, bilateral	Diagnosis	ICD-10-CM
I82.549	Chronic embolism and thrombosis of unspecified tibial vein	Diagnosis	ICD-10-CM
I82.55	Chronic embolism and thrombosis of peroneal vein	Diagnosis	ICD-10-CM
I82.551	Chronic embolism and thrombosis of right peroneal vein	Diagnosis	ICD-10-CM
I82.552	Chronic embolism and thrombosis of left peroneal vein	Diagnosis	ICD-10-CM
I82.553	Chronic embolism and thrombosis of peroneal vein, bilateral	Diagnosis	ICD-10-CM
I82.559	Chronic embolism and thrombosis of unspecified peroneal vein	Diagnosis	ICD-10-CM
I82.56	Chronic embolism and thrombosis of calf muscular vein	Diagnosis	ICD-10-CM
I82.561	Chronic embolism and thrombosis of right calf muscular vein	Diagnosis	ICD-10-CM
I82.562	Chronic embolism and thrombosis of left calf muscular vein	Diagnosis	ICD-10-CM
I82.563	Chronic embolism and thrombosis of calf muscular vein, bilateral	Diagnosis	ICD-10-CM
I82.569	Chronic embolism and thrombosis of unspecified calf muscular vein	Diagnosis	ICD-10-CM
I82.59	Chronic embolism and thrombosis of other specified deep vein of lower extremity	Diagnosis	ICD-10-CM
I82.591	Chronic embolism and thrombosis of other specified deep vein of right lower extremity	Diagnosis	ICD-10-CM
I82.592	Chronic embolism and thrombosis of other specified deep vein of left lower extremity	Diagnosis	ICD-10-CM
I82.593	Chronic embolism and thrombosis of other specified deep vein of lower extremity, bilateral	Diagnosis	ICD-10-CM
I82.599	Chronic embolism and thrombosis of other specified deep vein of unspecified lower extremity	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I82.5Y	Chronic embolism and thrombosis of unspecified deep veins of proximal lower extremity	Diagnosis	ICD-10-CM
I82.5Y1	Chronic embolism and thrombosis of unspecified deep veins of right proximal lower extremity	Diagnosis	ICD-10-CM
I82.5Y2	Chronic embolism and thrombosis of unspecified deep veins of left proximal lower extremity	Diagnosis	ICD-10-CM
I82.5Y3	Chronic embolism and thrombosis of unspecified deep veins of proximal lower extremity, bilateral	Diagnosis	ICD-10-CM
I82.5Y9	Chronic embolism and thrombosis of unspecified deep veins of unspecified proximal lower extremity	Diagnosis	ICD-10-CM
I82.5Z	Chronic embolism and thrombosis of unspecified deep veins of distal lower extremity	Diagnosis	ICD-10-CM
I82.5Z1	Chronic embolism and thrombosis of unspecified deep veins of right distal lower extremity	Diagnosis	ICD-10-CM
I82.5Z2	Chronic embolism and thrombosis of unspecified deep veins of left distal lower extremity	Diagnosis	ICD-10-CM
I82.5Z3	Chronic embolism and thrombosis of unspecified deep veins of distal lower extremity, bilateral	Diagnosis	ICD-10-CM
I82.5Z9	Chronic embolism and thrombosis of unspecified deep veins of unspecified distal lower extremity	Diagnosis	ICD-10-CM
I82.6	Acute embolism and thrombosis of veins of upper extremity	Diagnosis	ICD-10-CM
I82.60	Acute embolism and thrombosis of unspecified veins of upper extremity	Diagnosis	ICD-10-CM
I82.601	Acute embolism and thrombosis of unspecified veins of right upper extremity	Diagnosis	ICD-10-CM
I82.602	Acute embolism and thrombosis of unspecified veins of left upper extremity	Diagnosis	ICD-10-CM
I82.603	Acute embolism and thrombosis of unspecified veins of upper extremity, bilateral	Diagnosis	ICD-10-CM
I82.609	Acute embolism and thrombosis of unspecified veins of unspecified upper extremity	Diagnosis	ICD-10-CM
I82.61	Acute embolism and thrombosis of superficial veins of upper extremity	Diagnosis	ICD-10-CM
I82.611	Acute embolism and thrombosis of superficial veins of right upper extremity	Diagnosis	ICD-10-CM
I82.612	Acute embolism and thrombosis of superficial veins of left upper extremity	Diagnosis	ICD-10-CM
I82.613	Acute embolism and thrombosis of superficial veins of upper extremity, bilateral	Diagnosis	ICD-10-CM
I82.619	Acute embolism and thrombosis of superficial veins of unspecified upper extremity	Diagnosis	ICD-10-CM
I82.62	Acute embolism and thrombosis of deep veins of upper extremity	Diagnosis	ICD-10-CM
I82.621	Acute embolism and thrombosis of deep veins of right upper extremity	Diagnosis	ICD-10-CM
I82.622	Acute embolism and thrombosis of deep veins of left upper extremity	Diagnosis	ICD-10-CM
I82.623	Acute embolism and thrombosis of deep veins of upper extremity, bilateral	Diagnosis	ICD-10-CM
I82.629	Acute embolism and thrombosis of deep veins of unspecified upper extremity	Diagnosis	ICD-10-CM
I82.7	Chronic embolism and thrombosis of veins of upper extremity	Diagnosis	ICD-10-CM
I82.70	Chronic embolism and thrombosis of unspecified veins of upper extremity	Diagnosis	ICD-10-CM
I82.701	Chronic embolism and thrombosis of unspecified veins of right upper extremity	Diagnosis	ICD-10-CM
I82.702	Chronic embolism and thrombosis of unspecified veins of left upper extremity	Diagnosis	ICD-10-CM
I82.703	Chronic embolism and thrombosis of unspecified veins of upper extremity, bilateral	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I82.709	Chronic embolism and thrombosis of unspecified veins of unspecified upper extremity	Diagnosis	ICD-10-CM
I82.71	Chronic embolism and thrombosis of superficial veins of upper extremity	Diagnosis	ICD-10-CM
I82.711	Chronic embolism and thrombosis of superficial veins of right upper extremity	Diagnosis	ICD-10-CM
I82.712	Chronic embolism and thrombosis of superficial veins of left upper extremity	Diagnosis	ICD-10-CM
I82.713	Chronic embolism and thrombosis of superficial veins of upper extremity, bilateral	Diagnosis	ICD-10-CM
I82.719	Chronic embolism and thrombosis of superficial veins of unspecified upper extremity	Diagnosis	ICD-10-CM
I82.72	Chronic embolism and thrombosis of deep veins of upper extremity	Diagnosis	ICD-10-CM
I82.721	Chronic embolism and thrombosis of deep veins of right upper extremity	Diagnosis	ICD-10-CM
I82.722	Chronic embolism and thrombosis of deep veins of left upper extremity	Diagnosis	ICD-10-CM
I82.723	Chronic embolism and thrombosis of deep veins of upper extremity, bilateral	Diagnosis	ICD-10-CM
I82.729	Chronic embolism and thrombosis of deep veins of unspecified upper extremity	Diagnosis	ICD-10-CM
I82.8	Embolism and thrombosis of other specified veins	Diagnosis	ICD-10-CM
I82.81	Embolism and thrombosis of superficial veins of lower extremities	Diagnosis	ICD-10-CM
I82.811	Embolism and thrombosis of superficial veins of right lower extremity	Diagnosis	ICD-10-CM
I82.812	Embolism and thrombosis of superficial veins of left lower extremity	Diagnosis	ICD-10-CM
I82.813	Embolism and thrombosis of superficial veins of lower extremities, bilateral	Diagnosis	ICD-10-CM
I82.819	Embolism and thrombosis of superficial veins of unspecified lower extremity	Diagnosis	ICD-10-CM
I82.89	Embolism and thrombosis of other specified veins	Diagnosis	ICD-10-CM
I82.890	Acute embolism and thrombosis of other specified veins	Diagnosis	ICD-10-CM
I82.891	Chronic embolism and thrombosis of other specified veins	Diagnosis	ICD-10-CM
I82.9	Embolism and thrombosis of unspecified vein	Diagnosis	ICD-10-CM
I82.90	Acute embolism and thrombosis of unspecified vein	Diagnosis	ICD-10-CM
I82.91	Chronic embolism and thrombosis of unspecified vein	Diagnosis	ICD-10-CM
I82.A	Embolism and thrombosis of axillary vein	Diagnosis	ICD-10-CM
I82.A1	Acute embolism and thrombosis of axillary vein	Diagnosis	ICD-10-CM
I82.A11	Acute embolism and thrombosis of right axillary vein	Diagnosis	ICD-10-CM
I82.A12	Acute embolism and thrombosis of left axillary vein	Diagnosis	ICD-10-CM
I82.A13	Acute embolism and thrombosis of axillary vein, bilateral	Diagnosis	ICD-10-CM
I82.A19	Acute embolism and thrombosis of unspecified axillary vein	Diagnosis	ICD-10-CM
I82.A2	Chronic embolism and thrombosis of axillary vein	Diagnosis	ICD-10-CM
I82.A21	Chronic embolism and thrombosis of right axillary vein	Diagnosis	ICD-10-CM
I82.A22	Chronic embolism and thrombosis of left axillary vein	Diagnosis	ICD-10-CM
I82.A23	Chronic embolism and thrombosis of axillary vein, bilateral	Diagnosis	ICD-10-CM
I82.A29	Chronic embolism and thrombosis of unspecified axillary vein	Diagnosis	ICD-10-CM
I82.B	Embolism and thrombosis of subclavian vein	Diagnosis	ICD-10-CM
I82.B1	Acute embolism and thrombosis of subclavian vein	Diagnosis	ICD-10-CM
I82.B11	Acute embolism and thrombosis of right subclavian vein	Diagnosis	ICD-10-CM
I82.B12	Acute embolism and thrombosis of left subclavian vein	Diagnosis	ICD-10-CM
I82.B13	Acute embolism and thrombosis of subclavian vein, bilateral	Diagnosis	ICD-10-CM
I82.B19	Acute embolism and thrombosis of unspecified subclavian vein	Diagnosis	ICD-10-CM
I82.B2	Chronic embolism and thrombosis of subclavian vein	Diagnosis	ICD-10-CM
I82.B21	Chronic embolism and thrombosis of right subclavian vein	Diagnosis	ICD-10-CM
I82.B22	Chronic embolism and thrombosis of left subclavian vein	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I82.B23	Chronic embolism and thrombosis of subclavian vein, bilateral	Diagnosis	ICD-10-CM
I82.B29	Chronic embolism and thrombosis of unspecified subclavian vein	Diagnosis	ICD-10-CM
I82.C	Embolism and thrombosis of internal jugular vein	Diagnosis	ICD-10-CM
I82.C1	Acute embolism and thrombosis of internal jugular vein	Diagnosis	ICD-10-CM
I82.C11	Acute embolism and thrombosis of right internal jugular vein	Diagnosis	ICD-10-CM
I82.C12	Acute embolism and thrombosis of left internal jugular vein	Diagnosis	ICD-10-CM
I82.C13	Acute embolism and thrombosis of internal jugular vein, bilateral	Diagnosis	ICD-10-CM
I82.C19	Acute embolism and thrombosis of unspecified internal jugular vein	Diagnosis	ICD-10-CM
I82.C2	Chronic embolism and thrombosis of internal jugular vein	Diagnosis	ICD-10-CM
I82.C21	Chronic embolism and thrombosis of right internal jugular vein	Diagnosis	ICD-10-CM
I82.C22	Chronic embolism and thrombosis of left internal jugular vein	Diagnosis	ICD-10-CM
I82.C23	Chronic embolism and thrombosis of internal jugular vein, bilateral	Diagnosis	ICD-10-CM
I82.C29	Chronic embolism and thrombosis of unspecified internal jugular vein	Diagnosis	ICD-10-CM
I83	Varicose veins of lower extremities	Diagnosis	ICD-10-CM
I83.0	Varicose veins of lower extremities with ulcer	Diagnosis	ICD-10-CM
I83.00	Varicose veins of unspecified lower extremity with ulcer	Diagnosis	ICD-10-CM
I83.001	Varicose veins of unspecified lower extremity with ulcer of thigh	Diagnosis	ICD-10-CM
I83.002	Varicose veins of unspecified lower extremity with ulcer of calf	Diagnosis	ICD-10-CM
I83.003	Varicose veins of unspecified lower extremity with ulcer of ankle	Diagnosis	ICD-10-CM
I83.004	Varicose veins of unspecified lower extremity with ulcer of heel and midfoot	Diagnosis	ICD-10-CM
I83.005	Varicose veins of unspecified lower extremity with ulcer other part of foot	Diagnosis	ICD-10-CM
I83.008	Varicose veins of unspecified lower extremity with ulcer other part of lower leg	Diagnosis	ICD-10-CM
I83.009	Varicose veins of unspecified lower extremity with ulcer of unspecified site	Diagnosis	ICD-10-CM
I83.01	Varicose veins of right lower extremity with ulcer	Diagnosis	ICD-10-CM
I83.011	Varicose veins of right lower extremity with ulcer of thigh	Diagnosis	ICD-10-CM
I83.012	Varicose veins of right lower extremity with ulcer of calf	Diagnosis	ICD-10-CM
I83.013	Varicose veins of right lower extremity with ulcer of ankle	Diagnosis	ICD-10-CM
I83.014	Varicose veins of right lower extremity with ulcer of heel and midfoot	Diagnosis	ICD-10-CM
I83.015	Varicose veins of right lower extremity with ulcer other part of foot	Diagnosis	ICD-10-CM
I83.018	Varicose veins of right lower extremity with ulcer other part of lower leg	Diagnosis	ICD-10-CM
I83.019	Varicose veins of right lower extremity with ulcer of unspecified site	Diagnosis	ICD-10-CM
I83.02	Varicose veins of left lower extremity with ulcer	Diagnosis	ICD-10-CM
I83.021	Varicose veins of left lower extremity with ulcer of thigh	Diagnosis	ICD-10-CM
I83.022	Varicose veins of left lower extremity with ulcer of calf	Diagnosis	ICD-10-CM
I83.023	Varicose veins of left lower extremity with ulcer of ankle	Diagnosis	ICD-10-CM
I83.024	Varicose veins of left lower extremity with ulcer of heel and midfoot	Diagnosis	ICD-10-CM
I83.025	Varicose veins of left lower extremity with ulcer other part of foot	Diagnosis	ICD-10-CM
I83.028	Varicose veins of left lower extremity with ulcer other part of lower leg	Diagnosis	ICD-10-CM
I83.029	Varicose veins of left lower extremity with ulcer of unspecified site	Diagnosis	ICD-10-CM
I83.1	Varicose veins of lower extremities with inflammation	Diagnosis	ICD-10-CM
I83.10	Varicose veins of unspecified lower extremity with inflammation	Diagnosis	ICD-10-CM
I83.11	Varicose veins of right lower extremity with inflammation	Diagnosis	ICD-10-CM
I83.12	Varicose veins of left lower extremity with inflammation	Diagnosis	ICD-10-CM
I83.2	Varicose veins of lower extremities with both ulcer and inflammation	Diagnosis	ICD-10-CM
I83.20	Varicose veins of unspecified lower extremity with both ulcer and inflammation	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I83.201	Varicose veins of unspecified lower extremity with both ulcer of thigh and inflammation	Diagnosis	ICD-10-CM
I83.202	Varicose veins of unspecified lower extremity with both ulcer of calf and inflammation	Diagnosis	ICD-10-CM
I83.203	Varicose veins of unspecified lower extremity with both ulcer of ankle and inflammation	Diagnosis	ICD-10-CM
I83.204	Varicose veins of unspecified lower extremity with both ulcer of heel and midfoot and inflammation	Diagnosis	ICD-10-CM
I83.205	Varicose veins of unspecified lower extremity with both ulcer other part of foot and inflammation	Diagnosis	ICD-10-CM
I83.208	Varicose veins of unspecified lower extremity with both ulcer of other part of lower extremity and inflammation	Diagnosis	ICD-10-CM
I83.209	Varicose veins of unspecified lower extremity with both ulcer of unspecified site and inflammation	Diagnosis	ICD-10-CM
I83.21	Varicose veins of right lower extremity with both ulcer and inflammation	Diagnosis	ICD-10-CM
I83.211	Varicose veins of right lower extremity with both ulcer of thigh and inflammation	Diagnosis	ICD-10-CM
I83.212	Varicose veins of right lower extremity with both ulcer of calf and inflammation	Diagnosis	ICD-10-CM
I83.213	Varicose veins of right lower extremity with both ulcer of ankle and inflammation	Diagnosis	ICD-10-CM
I83.214	Varicose veins of right lower extremity with both ulcer of heel and midfoot and inflammation	Diagnosis	ICD-10-CM
I83.215	Varicose veins of right lower extremity with both ulcer other part of foot and inflammation	Diagnosis	ICD-10-CM
I83.218	Varicose veins of right lower extremity with both ulcer of other part of lower extremity and inflammation	Diagnosis	ICD-10-CM
I83.219	Varicose veins of right lower extremity with both ulcer of unspecified site and inflammation	Diagnosis	ICD-10-CM
I83.22	Varicose veins of left lower extremity with both ulcer and inflammation	Diagnosis	ICD-10-CM
I83.221	Varicose veins of left lower extremity with both ulcer of thigh and inflammation	Diagnosis	ICD-10-CM
I83.222	Varicose veins of left lower extremity with both ulcer of calf and inflammation	Diagnosis	ICD-10-CM
I83.223	Varicose veins of left lower extremity with both ulcer of ankle and inflammation	Diagnosis	ICD-10-CM
I83.224	Varicose veins of left lower extremity with both ulcer of heel and midfoot and inflammation	Diagnosis	ICD-10-CM
I83.225	Varicose veins of left lower extremity with both ulcer other part of foot and inflammation	Diagnosis	ICD-10-CM
I83.228	Varicose veins of left lower extremity with both ulcer of other part of lower extremity and inflammation	Diagnosis	ICD-10-CM
I83.229	Varicose veins of left lower extremity with both ulcer of unspecified site and inflammation	Diagnosis	ICD-10-CM
I83.8	Varicose veins of lower extremities with other complications	Diagnosis	ICD-10-CM
I83.81	Varicose veins of lower extremities with pain	Diagnosis	ICD-10-CM
I83.811	Varicose veins of right lower extremity with pain	Diagnosis	ICD-10-CM
I83.812	Varicose veins of left lower extremity with pain	Diagnosis	ICD-10-CM
I83.813	Varicose veins of bilateral lower extremities with pain	Diagnosis	ICD-10-CM
I83.819	Varicose veins of unspecified lower extremity with pain	Diagnosis	ICD-10-CM
I83.89	Varicose veins of lower extremities with other complications	Diagnosis	ICD-10-CM
I83.891	Varicose veins of right lower extremity with other complications	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I83.892	Varicose veins of left lower extremity with other complications	Diagnosis	ICD-10-CM
I83.893	Varicose veins of bilateral lower extremities with other complications	Diagnosis	ICD-10-CM
I83.899	Varicose veins of unspecified lower extremity with other complications	Diagnosis	ICD-10-CM
I83.9	Asymptomatic varicose veins of lower extremities	Diagnosis	ICD-10-CM
I83.90	Asymptomatic varicose veins of unspecified lower extremity	Diagnosis	ICD-10-CM
I83.91	Asymptomatic varicose veins of right lower extremity	Diagnosis	ICD-10-CM
I83.92	Asymptomatic varicose veins of left lower extremity	Diagnosis	ICD-10-CM
I83.93	Asymptomatic varicose veins of bilateral lower extremities	Diagnosis	ICD-10-CM
I85	Esophageal varices	Diagnosis	ICD-10-CM
I85.0	Esophageal varices	Diagnosis	ICD-10-CM
I85.00	Esophageal varices without bleeding	Diagnosis	ICD-10-CM
I85.01	Esophageal varices with bleeding	Diagnosis	ICD-10-CM
I85.1	Secondary esophageal varices	Diagnosis	ICD-10-CM
I85.10	Secondary esophageal varices without bleeding	Diagnosis	ICD-10-CM
I85.11	Secondary esophageal varices with bleeding	Diagnosis	ICD-10-CM
I86	Varicose veins of other sites	Diagnosis	ICD-10-CM
I86.0	Sublingual varices	Diagnosis	ICD-10-CM
I86.1	Scrotal varices	Diagnosis	ICD-10-CM
I86.2	Pelvic varices	Diagnosis	ICD-10-CM
I86.3	Vulval varices	Diagnosis	ICD-10-CM
I86.4	Gastric varices	Diagnosis	ICD-10-CM
I86.8	Varicose veins of other specified sites	Diagnosis	ICD-10-CM
I87	Other disorders of veins	Diagnosis	ICD-10-CM
I87.0	Postthrombotic syndrome	Diagnosis	ICD-10-CM
I87.00	Postthrombotic syndrome without complications	Diagnosis	ICD-10-CM
I87.001	Postthrombotic syndrome without complications of right lower extremity	Diagnosis	ICD-10-CM
I87.002	Postthrombotic syndrome without complications of left lower extremity	Diagnosis	ICD-10-CM
I87.003	Postthrombotic syndrome without complications of bilateral lower extremity	Diagnosis	ICD-10-CM
I87.009	Postthrombotic syndrome without complications of unspecified extremity	Diagnosis	ICD-10-CM
I87.01	Postthrombotic syndrome with ulcer	Diagnosis	ICD-10-CM
I87.011	Postthrombotic syndrome with ulcer of right lower extremity	Diagnosis	ICD-10-CM
I87.012	Postthrombotic syndrome with ulcer of left lower extremity	Diagnosis	ICD-10-CM
I87.013	Postthrombotic syndrome with ulcer of bilateral lower extremity	Diagnosis	ICD-10-CM
I87.019	Postthrombotic syndrome with ulcer of unspecified lower extremity	Diagnosis	ICD-10-CM
I87.02	Postthrombotic syndrome with inflammation	Diagnosis	ICD-10-CM
I87.021	Postthrombotic syndrome with inflammation of right lower extremity	Diagnosis	ICD-10-CM
I87.022	Postthrombotic syndrome with inflammation of left lower extremity	Diagnosis	ICD-10-CM
I87.023	Postthrombotic syndrome with inflammation of bilateral lower extremity	Diagnosis	ICD-10-CM
I87.029	Postthrombotic syndrome with inflammation of unspecified lower extremity	Diagnosis	ICD-10-CM
I87.03	Postthrombotic syndrome with ulcer and inflammation	Diagnosis	ICD-10-CM
I87.031	Postthrombotic syndrome with ulcer and inflammation of right lower extremity	Diagnosis	ICD-10-CM
I87.032	Postthrombotic syndrome with ulcer and inflammation of left lower extremity	Diagnosis	ICD-10-CM
I87.033	Postthrombotic syndrome with ulcer and inflammation of bilateral lower extremity	Diagnosis	ICD-10-CM
I87.039	Postthrombotic syndrome with ulcer and inflammation of unspecified lower extremity	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I87.09	Postthrombotic syndrome with other complications	Diagnosis	ICD-10-CM
I87.091	Postthrombotic syndrome with other complications of right lower extremity	Diagnosis	ICD-10-CM
I87.092	Postthrombotic syndrome with other complications of left lower extremity	Diagnosis	ICD-10-CM
I87.093	Postthrombotic syndrome with other complications of bilateral lower extremity	Diagnosis	ICD-10-CM
I87.099	Postthrombotic syndrome with other complications of unspecified lower extremity	Diagnosis	ICD-10-CM
I87.1	Compression of vein	Diagnosis	ICD-10-CM
I87.2	Venous insufficiency (chronic) (peripheral)	Diagnosis	ICD-10-CM
I87.3	Chronic venous hypertension (idiopathic)	Diagnosis	ICD-10-CM
I87.30	Chronic venous hypertension (idiopathic) without complications	Diagnosis	ICD-10-CM
I87.301	Chronic venous hypertension (idiopathic) without complications of right lower extremity	Diagnosis	ICD-10-CM
I87.302	Chronic venous hypertension (idiopathic) without complications of left lower extremity	Diagnosis	ICD-10-CM
I87.303	Chronic venous hypertension (idiopathic) without complications of bilateral lower extremity	Diagnosis	ICD-10-CM
I87.309	Chronic venous hypertension (idiopathic) without complications of unspecified lower extremity	Diagnosis	ICD-10-CM
I87.31	Chronic venous hypertension (idiopathic) with ulcer	Diagnosis	ICD-10-CM
I87.311	Chronic venous hypertension (idiopathic) with ulcer of right lower extremity	Diagnosis	ICD-10-CM
I87.312	Chronic venous hypertension (idiopathic) with ulcer of left lower extremity	Diagnosis	ICD-10-CM
I87.313	Chronic venous hypertension (idiopathic) with ulcer of bilateral lower extremity	Diagnosis	ICD-10-CM
I87.319	Chronic venous hypertension (idiopathic) with ulcer of unspecified lower extremity	Diagnosis	ICD-10-CM
I87.32	Chronic venous hypertension (idiopathic) with inflammation	Diagnosis	ICD-10-CM
I87.321	Chronic venous hypertension (idiopathic) with inflammation of right lower extremity	Diagnosis	ICD-10-CM
I87.322	Chronic venous hypertension (idiopathic) with inflammation of left lower extremity	Diagnosis	ICD-10-CM
I87.323	Chronic venous hypertension (idiopathic) with inflammation of bilateral lower extremity	Diagnosis	ICD-10-CM
I87.329	Chronic venous hypertension (idiopathic) with inflammation of unspecified lower extremity	Diagnosis	ICD-10-CM
I87.33	Chronic venous hypertension (idiopathic) with ulcer and inflammation	Diagnosis	ICD-10-CM
I87.331	Chronic venous hypertension (idiopathic) with ulcer and inflammation of right lower extremity	Diagnosis	ICD-10-CM
I87.332	Chronic venous hypertension (idiopathic) with ulcer and inflammation of left lower extremity	Diagnosis	ICD-10-CM
I87.333	Chronic venous hypertension (idiopathic) with ulcer and inflammation of bilateral lower extremity	Diagnosis	ICD-10-CM
I87.339	Chronic venous hypertension (idiopathic) with ulcer and inflammation of unspecified lower extremity	Diagnosis	ICD-10-CM
I87.39	Chronic venous hypertension (idiopathic) with other complications	Diagnosis	ICD-10-CM
I87.391	Chronic venous hypertension (idiopathic) with other complications of right lower extremity	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I87.392	Chronic venous hypertension (idiopathic) with other complications of left lower extremity	Diagnosis	ICD-10-CM
I87.393	Chronic venous hypertension (idiopathic) with other complications of bilateral lower extremity	Diagnosis	ICD-10-CM
I87.399	Chronic venous hypertension (idiopathic) with other complications of unspecified lower extremity	Diagnosis	ICD-10-CM
I87.8	Other specified disorders of veins	Diagnosis	ICD-10-CM
I87.9	Disorder of vein, unspecified	Diagnosis	ICD-10-CM
I88	Nonspecific lymphadenitis	Diagnosis	ICD-10-CM
I88.0	Nonspecific mesenteric lymphadenitis	Diagnosis	ICD-10-CM
I88.1	Chronic lymphadenitis, except mesenteric	Diagnosis	ICD-10-CM
I88.8	Other nonspecific lymphadenitis	Diagnosis	ICD-10-CM
I88.9	Nonspecific lymphadenitis, unspecified	Diagnosis	ICD-10-CM
I89	Other noninfective disorders of lymphatic vessels and lymph nodes	Diagnosis	ICD-10-CM
I89.0	Lymphedema, not elsewhere classified	Diagnosis	ICD-10-CM
I89.1	Lymphangitis	Diagnosis	ICD-10-CM
I89.8	Other specified noninfective disorders of lymphatic vessels and lymph nodes	Diagnosis	ICD-10-CM
I89.9	Noninfective disorder of lymphatic vessels and lymph nodes, unspecified	Diagnosis	ICD-10-CM
I95	Hypotension	Diagnosis	ICD-10-CM
I95.0	Idiopathic hypotension	Diagnosis	ICD-10-CM
I95.1	Orthostatic hypotension	Diagnosis	ICD-10-CM
I95.2	Hypotension due to drugs	Diagnosis	ICD-10-CM
I95.3	Hypotension of hemodialysis	Diagnosis	ICD-10-CM
I95.8	Other hypotension	Diagnosis	ICD-10-CM
I95.81	Postprocedural hypotension	Diagnosis	ICD-10-CM
I95.89	Other hypotension	Diagnosis	ICD-10-CM
I95.9	Hypotension, unspecified	Diagnosis	ICD-10-CM
I96	Gangrene, not elsewhere classified	Diagnosis	ICD-10-CM
I97	Intraoperative and postprocedural complications and disorders of circulatory system, not elsewhere classified	Diagnosis	ICD-10-CM
I97.0	Postcardiotomy syndrome	Diagnosis	ICD-10-CM
I97.1	Other postprocedural cardiac functional disturbances	Diagnosis	ICD-10-CM
I97.11	Postprocedural cardiac insufficiency	Diagnosis	ICD-10-CM
I97.110	Postprocedural cardiac insufficiency following cardiac surgery	Diagnosis	ICD-10-CM
I97.111	Postprocedural cardiac insufficiency following other surgery	Diagnosis	ICD-10-CM
I97.12	Postprocedural cardiac arrest	Diagnosis	ICD-10-CM
I97.120	Postprocedural cardiac arrest following cardiac surgery	Diagnosis	ICD-10-CM
I97.121	Postprocedural cardiac arrest following other surgery	Diagnosis	ICD-10-CM
I97.13	Postprocedural heart failure	Diagnosis	ICD-10-CM
I97.130	Postprocedural heart failure following cardiac surgery	Diagnosis	ICD-10-CM
I97.131	Postprocedural heart failure following other surgery	Diagnosis	ICD-10-CM
I97.19	Other postprocedural cardiac functional disturbances	Diagnosis	ICD-10-CM
I97.190	Other postprocedural cardiac functional disturbances following cardiac surgery	Diagnosis	ICD-10-CM
I97.191	Other postprocedural cardiac functional disturbances following other surgery	Diagnosis	ICD-10-CM
I97.2	Postmastectomy lymphedema syndrome	Diagnosis	ICD-10-CM
I97.3	Postprocedural hypertension	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I97.4	Intraoperative hemorrhage and hematoma of a circulatory system organ or structure complicating a procedure	Diagnosis	ICD-10-CM
I97.41	Intraoperative hemorrhage and hematoma of a circulatory system organ or structure complicating a circulatory system procedure	Diagnosis	ICD-10-CM
I97.410	Intraoperative hemorrhage and hematoma of a circulatory system organ or structure complicating a cardiac catheterization	Diagnosis	ICD-10-CM
I97.411	Intraoperative hemorrhage and hematoma of a circulatory system organ or structure complicating a cardiac bypass	Diagnosis	ICD-10-CM
I97.418	Intraoperative hemorrhage and hematoma of a circulatory system organ or structure complicating other circulatory system procedure	Diagnosis	ICD-10-CM
I97.42	Intraoperative hemorrhage and hematoma of a circulatory system organ or structure complicating other procedure	Diagnosis	ICD-10-CM
I97.5	Accidental puncture and laceration of a circulatory system organ or structure during a procedure	Diagnosis	ICD-10-CM
I97.51	Accidental puncture and laceration of a circulatory system organ or structure during a circulatory system procedure	Diagnosis	ICD-10-CM
I97.52	Accidental puncture and laceration of a circulatory system organ or structure during other procedure	Diagnosis	ICD-10-CM
I97.6	Postprocedural hemorrhage, hematoma and seroma of a circulatory system organ or structure following a procedure	Diagnosis	ICD-10-CM
I97.61	Postprocedural hemorrhage of a circulatory system organ or structure following a circulatory system procedure	Diagnosis	ICD-10-CM
I97.610	Postprocedural hemorrhage of a circulatory system organ or structure following a cardiac catheterization	Diagnosis	ICD-10-CM
I97.611	Postprocedural hemorrhage of a circulatory system organ or structure following cardiac bypass	Diagnosis	ICD-10-CM
I97.618	Postprocedural hemorrhage of a circulatory system organ or structure following other circulatory system procedure	Diagnosis	ICD-10-CM
I97.62	Postprocedural hemorrhage, hematoma and seroma of a circulatory system organ or structure following other procedure	Diagnosis	ICD-10-CM
I97.620	Postprocedural hemorrhage of a circulatory system organ or structure following other procedure	Diagnosis	ICD-10-CM
I97.621	Postprocedural hematoma of a circulatory system organ or structure following other procedure	Diagnosis	ICD-10-CM
I97.622	Postprocedural seroma of a circulatory system organ or structure following other procedure	Diagnosis	ICD-10-CM
I97.63	Postprocedural hematoma of a circulatory system organ or structure following a circulatory system procedure	Diagnosis	ICD-10-CM
I97.630	Postprocedural hematoma of a circulatory system organ or structure following a cardiac catheterization	Diagnosis	ICD-10-CM
I97.631	Postprocedural hematoma of a circulatory system organ or structure following cardiac bypass	Diagnosis	ICD-10-CM
I97.638	Postprocedural hematoma of a circulatory system organ or structure following other circulatory system procedure	Diagnosis	ICD-10-CM
I97.64	Postprocedural seroma of a circulatory system organ or structure following a circulatory system procedure	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I97.640	Postprocedural seroma of a circulatory system organ or structure following a cardiac catheterization	Diagnosis	ICD-10-CM
I97.641	Postprocedural seroma of a circulatory system organ or structure following cardiac bypass	Diagnosis	ICD-10-CM
I97.648	Postprocedural seroma of a circulatory system organ or structure following other circulatory system procedure	Diagnosis	ICD-10-CM
I97.7	Intraoperative cardiac functional disturbances	Diagnosis	ICD-10-CM
I97.71	Intraoperative cardiac arrest	Diagnosis	ICD-10-CM
I97.710	Intraoperative cardiac arrest during cardiac surgery	Diagnosis	ICD-10-CM
I97.711	Intraoperative cardiac arrest during other surgery	Diagnosis	ICD-10-CM
I97.79	Other intraoperative cardiac functional disturbances	Diagnosis	ICD-10-CM
I97.790	Other intraoperative cardiac functional disturbances during cardiac surgery	Diagnosis	ICD-10-CM
I97.791	Other intraoperative cardiac functional disturbances during other surgery	Diagnosis	ICD-10-CM
I97.8	Other intraoperative and postprocedural complications and disorders of the circulatory system, not elsewhere classified	Diagnosis	ICD-10-CM
I97.81	Intraoperative cerebrovascular infarction	Diagnosis	ICD-10-CM
I97.810	Intraoperative cerebrovascular infarction during cardiac surgery	Diagnosis	ICD-10-CM
I97.811	Intraoperative cerebrovascular infarction during other surgery	Diagnosis	ICD-10-CM
I97.82	Postprocedural cerebrovascular infarction	Diagnosis	ICD-10-CM
I97.820	Postprocedural cerebrovascular infarction following cardiac surgery	Diagnosis	ICD-10-CM
I97.821	Postprocedural cerebrovascular infarction following other surgery	Diagnosis	ICD-10-CM
I97.88	Other intraoperative complications of the circulatory system, not elsewhere classified	Diagnosis	ICD-10-CM
I97.89	Other postprocedural complications and disorders of the circulatory system, not elsewhere classified	Diagnosis	ICD-10-CM
I99	Other and unspecified disorders of circulatory system	Diagnosis	ICD-10-CM
I99.8	Other disorder of circulatory system	Diagnosis	ICD-10-CM
I99.9	Unspecified disorder of circulatory system	Diagnosis	ICD-10-CM
Congestive Heart Failure			
I09.81	Rheumatic heart failure	Diagnosis	ICD-10-CM
I11.0	Hypertensive heart disease with heart failure	Diagnosis	ICD-10-CM
I13.0	Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I13.2	Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage renal disease	Diagnosis	ICD-10-CM
I50	Heart failure	Diagnosis	ICD-10-CM
I50.1	Left ventricular failure, unspecified	Diagnosis	ICD-10-CM
I50.2	Systolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.20	Unspecified systolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.21	Acute systolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.22	Chronic systolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.23	Acute on chronic systolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.3	Diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.30	Unspecified diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.31	Acute diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.32	Chronic diastolic (congestive) heart failure	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I50.33	Acute on chronic diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.4	Combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.40	Unspecified combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.41	Acute combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.42	Chronic combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.43	Acute on chronic combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.8	Other heart failure	Diagnosis	ICD-10-CM
I50.81	Right heart failure	Diagnosis	ICD-10-CM
I50.810	Right heart failure, unspecified	Diagnosis	ICD-10-CM
I50.811	Acute right heart failure	Diagnosis	ICD-10-CM
I50.812	Chronic right heart failure	Diagnosis	ICD-10-CM
I50.813	Acute on chronic right heart failure	Diagnosis	ICD-10-CM
I50.814	Right heart failure due to left heart failure	Diagnosis	ICD-10-CM
I50.82	Biventricular heart failure	Diagnosis	ICD-10-CM
I50.83	High output heart failure	Diagnosis	ICD-10-CM
I50.84	End stage heart failure	Diagnosis	ICD-10-CM
I50.89	Other heart failure	Diagnosis	ICD-10-CM
I50.9	Heart failure, unspecified	Diagnosis	ICD-10-CM
I97.13	Postprocedural heart failure	Diagnosis	ICD-10-CM
I97.130	Postprocedural heart failure following cardiac surgery	Diagnosis	ICD-10-CM
I97.131	Postprocedural heart failure following other surgery	Diagnosis	ICD-10-CM
Hypertension			
I10	Essential (primary) hypertension	Diagnosis	ICD-10-CM
I11	Hypertensive heart disease	Diagnosis	ICD-10-CM
I11.0	Hypertensive heart disease with heart failure	Diagnosis	ICD-10-CM
I11.9	Hypertensive heart disease without heart failure	Diagnosis	ICD-10-CM
I12	Hypertensive chronic kidney disease	Diagnosis	ICD-10-CM
I12.0	Hypertensive chronic kidney disease with stage 5 chronic kidney disease or end stage renal disease	Diagnosis	ICD-10-CM
I12.9	Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I13	Hypertensive heart and chronic kidney disease	Diagnosis	ICD-10-CM
I13.0	Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I13.1	Hypertensive heart and chronic kidney disease without heart failure	Diagnosis	ICD-10-CM
I13.10	Hypertensive heart and chronic kidney disease without heart failure, with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I13.11	Hypertensive heart and chronic kidney disease without heart failure, with stage 5 chronic kidney disease, or end stage renal disease	Diagnosis	ICD-10-CM
I13.12	Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage renal disease	Diagnosis	ICD-10-CM
I15	Secondary hypertension	Diagnosis	ICD-10-CM
I15.0	Renovascular hypertension	Diagnosis	ICD-10-CM
I15.1	Hypertension secondary to other renal disorders	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I15.2	Hypertension secondary to endocrine disorders	Diagnosis	ICD-10-CM
I15.8	Other secondary hypertension	Diagnosis	ICD-10-CM
I15.9	Secondary hypertension, unspecified	Diagnosis	ICD-10-CM
I16	Hypertensive crisis	Diagnosis	ICD-10-CM
I16.0	Hypertensive urgency	Diagnosis	ICD-10-CM
I16.1	Hypertensive emergency	Diagnosis	ICD-10-CM
I16.9	Hypertensive crisis, unspecified	Diagnosis	ICD-10-CM
I27.0	Primary pulmonary hypertension	Diagnosis	ICD-10-CM
I27.2	Other secondary pulmonary hypertension	Diagnosis	ICD-10-CM
I27.20	Pulmonary hypertension, unspecified	Diagnosis	ICD-10-CM
I27.21	Secondary pulmonary arterial hypertension	Diagnosis	ICD-10-CM
I27.22	Pulmonary hypertension due to left heart disease	Diagnosis	ICD-10-CM
I27.23	Pulmonary hypertension due to lung diseases and hypoxia	Diagnosis	ICD-10-CM
I27.24	Chronic thromboembolic pulmonary hypertension	Diagnosis	ICD-10-CM
I27.29	Other secondary pulmonary hypertension	Diagnosis	ICD-10-CM
I87.3	Chronic venous hypertension (idiopathic)	Diagnosis	ICD-10-CM
I87.30	Chronic venous hypertension (idiopathic) without complications	Diagnosis	ICD-10-CM
I87.301	Chronic venous hypertension (idiopathic) without complications of right lower extremity	Diagnosis	ICD-10-CM
I87.302	Chronic venous hypertension (idiopathic) without complications of left lower extremity	Diagnosis	ICD-10-CM
I87.303	Chronic venous hypertension (idiopathic) without complications of bilateral lower extremity	Diagnosis	ICD-10-CM
I87.309	Chronic venous hypertension (idiopathic) without complications of unspecified lower extremity	Diagnosis	ICD-10-CM
I87.31	Chronic venous hypertension (idiopathic) with ulcer	Diagnosis	ICD-10-CM
I87.311	Chronic venous hypertension (idiopathic) with ulcer of right lower extremity	Diagnosis	ICD-10-CM
I87.312	Chronic venous hypertension (idiopathic) with ulcer of left lower extremity	Diagnosis	ICD-10-CM
I87.313	Chronic venous hypertension (idiopathic) with ulcer of bilateral lower extremity	Diagnosis	ICD-10-CM
I87.319	Chronic venous hypertension (idiopathic) with ulcer of unspecified lower extremity	Diagnosis	ICD-10-CM
I87.32	Chronic venous hypertension (idiopathic) with inflammation	Diagnosis	ICD-10-CM
I87.321	Chronic venous hypertension (idiopathic) with inflammation of right lower extremity	Diagnosis	ICD-10-CM
I87.322	Chronic venous hypertension (idiopathic) with inflammation of left lower extremity	Diagnosis	ICD-10-CM
I87.323	Chronic venous hypertension (idiopathic) with inflammation of bilateral lower extremity	Diagnosis	ICD-10-CM
I87.329	Chronic venous hypertension (idiopathic) with inflammation of unspecified lower extremity	Diagnosis	ICD-10-CM
I87.33	Chronic venous hypertension (idiopathic) with ulcer and inflammation	Diagnosis	ICD-10-CM
I87.331	Chronic venous hypertension (idiopathic) with ulcer and inflammation of right lower extremity	Diagnosis	ICD-10-CM
I87.332	Chronic venous hypertension (idiopathic) with ulcer and inflammation of left lower extremity	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I87.333	Chronic venous hypertension (idiopathic) with ulcer and inflammation of bilateral lower extremity	Diagnosis	ICD-10-CM
I87.339	Chronic venous hypertension (idiopathic) with ulcer and inflammation of unspecified lower extremity	Diagnosis	ICD-10-CM
I87.39	Chronic venous hypertension (idiopathic) with other complications	Diagnosis	ICD-10-CM
I87.391	Chronic venous hypertension (idiopathic) with other complications of right lower extremity	Diagnosis	ICD-10-CM
I87.392	Chronic venous hypertension (idiopathic) with other complications of left lower extremity	Diagnosis	ICD-10-CM
I87.393	Chronic venous hypertension (idiopathic) with other complications of bilateral lower extremity	Diagnosis	ICD-10-CM
I87.399	Chronic venous hypertension (idiopathic) with other complications of unspecified lower extremity	Diagnosis	ICD-10-CM
I97.3	Postprocedural hypertension	Diagnosis	ICD-10-CM
N26.2	Page kidney	Diagnosis	ICD-10-CM
Sore Throat			
J02.9	Acute pharyngitis, unspecified	Diagnosis	ICD-10-CM
R07	Pain in throat and chest	Diagnosis	ICD-10-CM
R07.0	Pain in throat	Diagnosis	ICD-10-CM
Chronic Obstructive Pulmonary Disease (COPD)			
J40	Bronchitis, not specified as acute or chronic	Diagnosis	ICD-10-CM
J41.0	Simple chronic bronchitis	Diagnosis	ICD-10-CM
J41.1	Mucopurulent chronic bronchitis	Diagnosis	ICD-10-CM
J41.8	Mixed simple and mucopurulent chronic bronchitis	Diagnosis	ICD-10-CM
J42	Unspecified chronic bronchitis	Diagnosis	ICD-10-CM
J43	Emphysema	Diagnosis	ICD-10-CM
J43.0	Unilateral pulmonary emphysema [MacLeod's syndrome]	Diagnosis	ICD-10-CM
J43.1	Panlobular emphysema	Diagnosis	ICD-10-CM
J43.2	Centrilobular emphysema	Diagnosis	ICD-10-CM
J43.8	Other emphysema	Diagnosis	ICD-10-CM
J43.9	Emphysema, unspecified	Diagnosis	ICD-10-CM
J44.0	Chronic obstructive pulmonary disease with (acute) lower respiratory infection	Diagnosis	ICD-10-CM
J44.1	Chronic obstructive pulmonary disease with (acute) exacerbation	Diagnosis	ICD-10-CM
J44.9	Chronic obstructive pulmonary disease, unspecified	Diagnosis	ICD-10-CM
J47.0	Bronchiectasis with acute lower respiratory infection	Diagnosis	ICD-10-CM
J47.1	Bronchiectasis with (acute) exacerbation	Diagnosis	ICD-10-CM
J47.9	Bronchiectasis, uncomplicated	Diagnosis	ICD-10-CM
J98.2	Interstitial emphysema	Diagnosis	ICD-10-CM
J98.3	Compensatory emphysema	Diagnosis	ICD-10-CM
P25	Interstitial emphysema and related conditions originating in the perinatal period	Diagnosis	ICD-10-CM
P25.0	Interstitial emphysema originating in the perinatal period	Diagnosis	ICD-10-CM
P25.8	Other conditions related to interstitial emphysema originating in the perinatal period	Diagnosis	ICD-10-CM
Asthma			
J45	Asthma	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
J45.2	Mild intermittent asthma	Diagnosis	ICD-10-CM
J45.20	Mild intermittent asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.21	Mild intermittent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.22	Mild intermittent asthma with status asthmaticus	Diagnosis	ICD-10-CM
J45.3	Mild persistent asthma	Diagnosis	ICD-10-CM
J45.30	Mild persistent asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.31	Mild persistent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.32	Mild persistent asthma with status asthmaticus	Diagnosis	ICD-10-CM
J45.4	Moderate persistent asthma	Diagnosis	ICD-10-CM
J45.40	Moderate persistent asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.41	Moderate persistent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.42	Moderate persistent asthma with status asthmaticus	Diagnosis	ICD-10-CM
J45.5	Severe persistent asthma	Diagnosis	ICD-10-CM
J45.50	Severe persistent asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.51	Severe persistent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.52	Severe persistent asthma with status asthmaticus	Diagnosis	ICD-10-CM
J45.9	Other and unspecified asthma	Diagnosis	ICD-10-CM
J45.90	Unspecified asthma	Diagnosis	ICD-10-CM
J45.901	Unspecified asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.902	Unspecified asthma with status asthmaticus	Diagnosis	ICD-10-CM
J45.909	Unspecified asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.99	Other asthma	Diagnosis	ICD-10-CM
J45.990	Exercise induced bronchospasm	Diagnosis	ICD-10-CM
J45.991	Cough variant asthma	Diagnosis	ICD-10-CM
J45.998	Other asthma	Diagnosis	ICD-10-CM
Interstitial Lung Disease			
J84	OTHER INTERSTITIAL PULMONARY DISEASES	Diagnosis	ICD-10-CM
J84.0	ALVEOLAR AND PARIETO-ALVEOLAR CONDITIONS	Diagnosis	ICD-10-CM
J84.01	ALVEOLAR PROTEINOSIS	Diagnosis	ICD-10-CM
J84.02	PULMONARY ALVEOLAR MICROLITHIASIS	Diagnosis	ICD-10-CM
J84.03	IDIOPATHIC PULMONARY HEMOSIDEROSIS	Diagnosis	ICD-10-CM
J84.09	OTHER ALVEOLAR AND PARIETO-ALVEOLAR CONDITIONS	Diagnosis	ICD-10-CM
J84.1	OTH INTERSTITIAL PULMONARY DISEASES W/FIBROSIS	Diagnosis	ICD-10-CM
J84.10	PULMONARY FIBROSIS UNSPECIFIED	Diagnosis	ICD-10-CM
J84.11	IDIOPATHIC INTERSTITIAL PNEUMONIA	Diagnosis	ICD-10-CM
J84.111	IDIOPATHIC INTERSTITIAL PNEUMONIA NOS	Diagnosis	ICD-10-CM
J84.112	IDIOPATHIC PULMONARY FIBROSIS	Diagnosis	ICD-10-CM
J84.113	IDIOPATHIC NON-SPECIFIC INTERSTITIAL PNEUMONITIS	Diagnosis	ICD-10-CM
J84.114	ACUTE INTERSTITIAL PNEUMONITIS	Diagnosis	ICD-10-CM
J84.115	RESPIRATORY BRONCHIOLITIS INTERST LUNG DISEASE	Diagnosis	ICD-10-CM
J84.116	CRYPTOGENIC ORGANIZING PNEUMONIA	Diagnosis	ICD-10-CM
J84.117	DESQUAMATIVE INTERSTITIAL PNEUMONIA	Diagnosis	ICD-10-CM
J84.17	OTHER INTERST PULM DZ W/FIBROSIS DZ CLASS ELSW	Diagnosis	ICD-10-CM
J84.170	INTRSTIT LNG DIS W PRGR FIBRT PHNTYP DIS CLASS E	Diagnosis	ICD-10-CM
J84.178	OTH INTERSTIT PULMON DIS FIBROSIS DIS CLASS ELSW	Diagnosis	ICD-10-CM
J84.2	LYMPHOID INTERSTITIAL PNEUMONIA	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
J84.8	OTHER SPECIFIED INTERSTITIAL PULMONARY DISEASES	Diagnosis	ICD-10-CM
J84.81	LYMPHANGIOLEIOMYOMATOSIS	Diagnosis	ICD-10-CM
J84.82	ADULT PULMONARY LANGERHANS CELL HISTIOCYTOSIS	Diagnosis	ICD-10-CM
J84.83	SURFACTANT MUTATIONS OF THE LUNG	Diagnosis	ICD-10-CM
J84.84	OTHER INTERSTITIAL LUNG DISEASES OF CHILDHOOD	Diagnosis	ICD-10-CM
J84.841	NEUROENDOCRINE CELL HYPERPLASIA OF INFANCY	Diagnosis	ICD-10-CM
J84.842	PULMONARY INTERSTITIAL GLYCOGENOSIS	Diagnosis	ICD-10-CM
J84.843	ALVEOL CAPILLARY DYSPLASIA W/VEIN MISALIGNMENT	Diagnosis	ICD-10-CM
J84.848	OTHER INTERSTITIAL LUNG DISEASES OF CHILDHOOD	Diagnosis	ICD-10-CM
J84.89	OTHER SPECIFIED INTERSTITIAL PULMONARY DISEASES	Diagnosis	ICD-10-CM
J84.9	INTERSTITIAL PULMONARY DISEASE UNSPECIFIED	Diagnosis	ICD-10-CM
Multisystem Inflammatory Syndrome			
M35.81	Multisystem inflammatory syndrome	Diagnosis	ICD-10-CM
Myalgia			
M79.1	Myalgia	Diagnosis	ICD-10-CM
M79.10	Myalgia, unspecified site	Diagnosis	ICD-10-CM
M79.11	Myalgia of mastication muscle	Diagnosis	ICD-10-CM
M79.12	Myalgia of auxiliary muscles, head and neck	Diagnosis	ICD-10-CM
M79.18	Myalgia, other site	Diagnosis	ICD-10-CM
Cough			
R05	Cough	Diagnosis	ICD-10-CM
Dyspnea and Shortness of Breath			
R06.0	Dyspnea	Diagnosis	ICD-10-CM
R06.00	Dyspnea, unspecified	Diagnosis	ICD-10-CM
R06.01	Orthopnea	Diagnosis	ICD-10-CM
R06.02	Shortness of breath	Diagnosis	ICD-10-CM
R06.03	Acute respiratory distress	Diagnosis	ICD-10-CM
R06.09	Other forms of dyspnea	Diagnosis	ICD-10-CM
R06.2	Wheezing	Diagnosis	ICD-10-CM
R09.02	Hypoxemia	Diagnosis	ICD-10-CM
Nasal Congestion			
R09.81	Nasal Congestion	Diagnosis	ICD-10-CM
Nausea/ Vomiting			
R11	Nausea and vomiting	Diagnosis	ICD-10-CM
R11.0	Nausea	Diagnosis	ICD-10-CM
R11.1	Vomiting	Diagnosis	ICD-10-CM
R11.10	Vomiting, unspecified	Diagnosis	ICD-10-CM
R11.11	Vomiting without nausea	Diagnosis	ICD-10-CM
R11.12	Projectile vomiting	Diagnosis	ICD-10-CM
R11.13	Vomiting of fecal matter	Diagnosis	ICD-10-CM
R11.14	Bilious vomiting	Diagnosis	ICD-10-CM
R11.15	Cyclical vomiting syndrome unrelated to migraine	Diagnosis	ICD-10-CM
R11.2	Nausea with vomiting, unspecified	Diagnosis	ICD-10-CM
Diarrhea			
R19.7	Diarrhea, unspecified	Diagnosis	ICD-10-CM
Smell/Taste Disturbance			

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Code	Description	Code Category	Code Type
R43	Disturbances of smell and taste	Diagnosis	ICD-10-CM
R43.0	Anosmia	Diagnosis	ICD-10-CM
R43.1	Parosmia	Diagnosis	ICD-10-CM
R43.2	Parageusia	Diagnosis	ICD-10-CM
R43.8	Other disturbances of smell and taste	Diagnosis	ICD-10-CM
R43.9	Unspecified disturbances of smell and taste	Diagnosis	ICD-10-CM
Fever			
R50	Fever of other and unknown origin	Diagnosis	ICD-10-CM
R50.2	Drug induced fever	Diagnosis	ICD-10-CM
R50.8	Other specified fever	Diagnosis	ICD-10-CM
R50.81	Fever presenting with conditions classified elsewhere	Diagnosis	ICD-10-CM
R50.84	Febrile nonhemolytic transfusion reaction	Diagnosis	ICD-10-CM
R50.9	Fever, unspecified	Diagnosis	ICD-10-CM
R56.00	Simple febrile convulsions	Diagnosis	ICD-10-CM
Headache			
R51	Headache	Diagnosis	ICD-10-CM
Malaise/Fatigue			
R53	Malaise and fatigue	Diagnosis	ICD-10-CM
R53.0	Neoplastic (malignant) related fatigue	Diagnosis	ICD-10-CM
R53.1	Weakness	Diagnosis	ICD-10-CM
R53.8	Other malaise and fatigue	Diagnosis	ICD-10-CM
R53.81	Other malaise	Diagnosis	ICD-10-CM
R53.83	Other fatigue	Diagnosis	ICD-10-CM
Neurological conditions			
S06.2X	Diffuse traumatic brain injury	Diagnosis	ICD-10-CM
S06.2X0	Diffuse traumatic brain injury without loss of consciousness	Diagnosis	ICD-10-CM
S06.2X0A	Diffuse traumatic brain injury without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.2X0D	Diffuse traumatic brain injury without loss of consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.2X0S	Diffuse traumatic brain injury without loss of consciousness, sequela	Diagnosis	ICD-10-CM
S06.2X1	Diffuse traumatic brain injury with loss of consciousness of 30 minutes or less	Diagnosis	ICD-10-CM
S06.2X1A	Diffuse traumatic brain injury with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.2X1D	Diffuse traumatic brain injury with loss of consciousness of 30 minutes or less, subsequent encounter	Diagnosis	ICD-10-CM
S06.2X1S	Diffuse traumatic brain injury with loss of consciousness of 30 minutes or less, sequela	Diagnosis	ICD-10-CM
S06.2X2	Diffuse traumatic brain injury with loss of consciousness of 31 minutes to 59 minutes	Diagnosis	ICD-10-CM
S06.2X2A	Diffuse traumatic brain injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.2X2D	Diffuse traumatic brain injury with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.2X2S	Diffuse traumatic brain injury with loss of consciousness of 31 minutes to 59 minutes, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S06.2X3	Diffuse traumatic brain injury with loss of consciousness of 1 hour to 5 hours 59 minutes	Diagnosis	ICD-10-CM
S06.2X3A	Diffuse traumatic brain injury with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.2X3D	Diffuse traumatic brain injury with loss of consciousness of 1 hour to 5 hours 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.2X3S	Diffuse traumatic brain injury with loss of consciousness of 1 hour to 5 hours 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.2X4	Diffuse traumatic brain injury with loss of consciousness of 6 hours to 24 hours	Diagnosis	ICD-10-CM
S06.2X4A	Diffuse traumatic brain injury with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.2X4D	Diffuse traumatic brain injury with loss of consciousness of 6 hours to 24 hours, subsequent encounter	Diagnosis	ICD-10-CM
S06.2X4S	Diffuse traumatic brain injury with loss of consciousness of 6 hours to 24 hours, sequela	Diagnosis	ICD-10-CM
S06.2X5	Diffuse traumatic brain injury with loss of consciousness greater than 24 hours with return to pre-existing conscious levels	Diagnosis	ICD-10-CM
S06.2X5A	Diffuse traumatic brain injury with loss of consciousness greater than 24 hours with return to pre-existing conscious levels, initial encounter	Diagnosis	ICD-10-CM
S06.2X5D	Diffuse traumatic brain injury with loss of consciousness greater than 24 hours with return to pre-existing conscious levels, subsequent encounter	Diagnosis	ICD-10-CM
S06.2X5S	Diffuse traumatic brain injury with loss of consciousness greater than 24 hours with return to pre-existing conscious levels, sequela	Diagnosis	ICD-10-CM
S06.2X6	Diffuse traumatic brain injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving	Diagnosis	ICD-10-CM
S06.2X6A	Diffuse traumatic brain injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.2X6D	Diffuse traumatic brain injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter	Diagnosis	ICD-10-CM
S06.2X6S	Diffuse traumatic brain injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela	Diagnosis	ICD-10-CM
S06.2X7	Diffuse traumatic brain injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.2X7A	Diffuse traumatic brain injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.2X7D	Diffuse traumatic brain injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.2X7S	Diffuse traumatic brain injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.2X8	Diffuse traumatic brain injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.2X8A	Diffuse traumatic brain injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S06.2X8D	Diffuse traumatic brain injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.2X8S	Diffuse traumatic brain injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.2X9	Diffuse traumatic brain injury with loss of consciousness of unspecified duration	Diagnosis	ICD-10-CM
S06.2X9A	Diffuse traumatic brain injury with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.2X9D	Diffuse traumatic brain injury with loss of consciousness of unspecified duration, subsequent encounter	Diagnosis	ICD-10-CM
S06.2X9S	Diffuse traumatic brain injury with loss of consciousness of unspecified duration, sequela	Diagnosis	ICD-10-CM
S06.30	Unspecified focal traumatic brain injury	Diagnosis	ICD-10-CM
S06.300	Unspecified focal traumatic brain injury without loss of consciousness	Diagnosis	ICD-10-CM
S06.300A	Unspecified focal traumatic brain injury without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.300D	Unspecified focal traumatic brain injury without loss of consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.300S	Unspecified focal traumatic brain injury without loss of consciousness, sequela	Diagnosis	ICD-10-CM
S06.301	Unspecified focal traumatic brain injury with loss of consciousness of 30 minutes or less	Diagnosis	ICD-10-CM
S06.301A	Unspecified focal traumatic brain injury with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.301D	Unspecified focal traumatic brain injury with loss of consciousness of 30 minutes or less, subsequent encounter	Diagnosis	ICD-10-CM
S06.301S	Unspecified focal traumatic brain injury with loss of consciousness of 30 minutes or less, sequela	Diagnosis	ICD-10-CM
S06.302	Unspecified focal traumatic brain injury with loss of consciousness of 31 minutes to 59 minutes	Diagnosis	ICD-10-CM
S06.302A	Unspecified focal traumatic brain injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.302D	Unspecified focal traumatic brain injury with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.302S	Unspecified focal traumatic brain injury with loss of consciousness of 31 minutes to 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.303	Unspecified focal traumatic brain injury with loss of consciousness of 1 hour to 5 hours 59 minutes	Diagnosis	ICD-10-CM
S06.303A	Unspecified focal traumatic brain injury with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.303D	Unspecified focal traumatic brain injury with loss of consciousness of 1 hour to 5 hours 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.303S	Unspecified focal traumatic brain injury with loss of consciousness of 1 hour to 5 hours 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.304	Unspecified focal traumatic brain injury with loss of consciousness of 6 hours to 24 hours	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S06.304A	Unspecified focal traumatic brain injury with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.304D	Unspecified focal traumatic brain injury with loss of consciousness of 6 hours to 24 hours, subsequent encounter	Diagnosis	ICD-10-CM
S06.304S	Unspecified focal traumatic brain injury with loss of consciousness of 6 hours to 24 hours, sequela	Diagnosis	ICD-10-CM
S06.305	Unspecified focal traumatic brain injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level	Diagnosis	ICD-10-CM
S06.305A	Unspecified focal traumatic brain injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.305D	Unspecified focal traumatic brain injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, subsequent encounter	Diagnosis	ICD-10-CM
S06.305S	Unspecified focal traumatic brain injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, sequela	Diagnosis	ICD-10-CM
S06.306	Unspecified focal traumatic brain injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving	Diagnosis	ICD-10-CM
S06.306A	Unspecified focal traumatic brain injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.306D	Unspecified focal traumatic brain injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter	Diagnosis	ICD-10-CM
S06.306S	Unspecified focal traumatic brain injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela	Diagnosis	ICD-10-CM
S06.307	Unspecified focal traumatic brain injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.307A	Unspecified focal traumatic brain injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.307D	Unspecified focal traumatic brain injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.307S	Unspecified focal traumatic brain injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.308	Unspecified focal traumatic brain injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.308A	Unspecified focal traumatic brain injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.308D	Unspecified focal traumatic brain injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.308S	Unspecified focal traumatic brain injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
S06.309	Unspecified focal traumatic brain injury with loss of consciousness of unspecified duration	Diagnosis	ICD-10-CM
S06.309A	Unspecified focal traumatic brain injury with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.309D	Unspecified focal traumatic brain injury with loss of consciousness of unspecified duration, subsequent encounter	Diagnosis	ICD-10-CM
S06.309S	Unspecified focal traumatic brain injury with loss of consciousness of unspecified duration, sequela	Diagnosis	ICD-10-CM
S06.31	Contusion and laceration of right cerebrum	Diagnosis	ICD-10-CM
S06.310	Contusion and laceration of right cerebrum without loss of consciousness	Diagnosis	ICD-10-CM
S06.310A	Contusion and laceration of right cerebrum without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.310D	Contusion and laceration of right cerebrum without loss of consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.310S	Contusion and laceration of right cerebrum without loss of consciousness, sequela	Diagnosis	ICD-10-CM
S06.311	Contusion and laceration of right cerebrum with loss of consciousness of 30 minutes or less	Diagnosis	ICD-10-CM
S06.311A	Contusion and laceration of right cerebrum with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.311D	Contusion and laceration of right cerebrum with loss of consciousness of 30 minutes or less, subsequent encounter	Diagnosis	ICD-10-CM
S06.311S	Contusion and laceration of right cerebrum with loss of consciousness of 30 minutes or less, sequela	Diagnosis	ICD-10-CM
S06.312	Contusion and laceration of right cerebrum with loss of consciousness of 31 minutes to 59 minutes	Diagnosis	ICD-10-CM
S06.312A	Contusion and laceration of right cerebrum with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.312D	Contusion and laceration of right cerebrum with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.312S	Contusion and laceration of right cerebrum with loss of consciousness of 31 minutes to 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.313	Contusion and laceration of right cerebrum with loss of consciousness of 1 hour to 5 hours 59 minutes	Diagnosis	ICD-10-CM
S06.313A	Contusion and laceration of right cerebrum with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.313D	Contusion and laceration of right cerebrum with loss of consciousness of 1 hour to 5 hours 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.313S	Contusion and laceration of right cerebrum with loss of consciousness of 1 hour to 5 hours 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.314	Contusion and laceration of right cerebrum with loss of consciousness of 6 hours to 24 hours	Diagnosis	ICD-10-CM
S06.314A	Contusion and laceration of right cerebrum with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.314D	Contusion and laceration of right cerebrum with loss of consciousness of 6 hours to 24 hours, subsequent encounter	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
S06.314S	Contusion and laceration of right cerebrum with loss of consciousness of 6 hours to 24 hours, sequela	Diagnosis	ICD-10-CM
S06.315	Contusion and laceration of right cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level	Diagnosis	ICD-10-CM
S06.315A	Contusion and laceration of right cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.315D	Contusion and laceration of right cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, subsequent encounter	Diagnosis	ICD-10-CM
S06.315S	Contusion and laceration of right cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, sequela	Diagnosis	ICD-10-CM
S06.316	Contusion and laceration of right cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving	Diagnosis	ICD-10-CM
S06.316A	Contusion and laceration of right cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.316D	Contusion and laceration of right cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter	Diagnosis	ICD-10-CM
S06.316S	Contusion and laceration of right cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela	Diagnosis	ICD-10-CM
S06.317	Contusion and laceration of right cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.317A	Contusion and laceration of right cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.317D	Contusion and laceration of right cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.317S	Contusion and laceration of right cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.318	Contusion and laceration of right cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.318A	Contusion and laceration of right cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.318D	Contusion and laceration of right cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.318S	Contusion and laceration of right cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.319	Contusion and laceration of right cerebrum with loss of consciousness of unspecified duration	Diagnosis	ICD-10-CM
S06.319A	Contusion and laceration of right cerebrum with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
S06.319D	Contusion and laceration of right cerebrum with loss of consciousness of unspecified duration, subsequent encounter	Diagnosis	ICD-10-CM
S06.319S	Contusion and laceration of right cerebrum with loss of consciousness of unspecified duration, sequela	Diagnosis	ICD-10-CM
S06.32	Contusion and laceration of left cerebrum	Diagnosis	ICD-10-CM
S06.320	Contusion and laceration of left cerebrum without loss of consciousness	Diagnosis	ICD-10-CM
S06.320A	Contusion and laceration of left cerebrum without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.320D	Contusion and laceration of left cerebrum without loss of consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.320S	Contusion and laceration of left cerebrum without loss of consciousness, sequela	Diagnosis	ICD-10-CM
S06.321	Contusion and laceration of left cerebrum with loss of consciousness of 30 minutes or less	Diagnosis	ICD-10-CM
S06.321A	Contusion and laceration of left cerebrum with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.321D	Contusion and laceration of left cerebrum with loss of consciousness of 30 minutes or less, subsequent encounter	Diagnosis	ICD-10-CM
S06.321S	Contusion and laceration of left cerebrum with loss of consciousness of 30 minutes or less, sequela	Diagnosis	ICD-10-CM
S06.322	Contusion and laceration of left cerebrum with loss of consciousness of 31 minutes to 59 minutes	Diagnosis	ICD-10-CM
S06.322A	Contusion and laceration of left cerebrum with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.322D	Contusion and laceration of left cerebrum with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.322S	Contusion and laceration of left cerebrum with loss of consciousness of 31 minutes to 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.323	Contusion and laceration of left cerebrum with loss of consciousness of 1 hour to 5 hours 59 minutes	Diagnosis	ICD-10-CM
S06.323A	Contusion and laceration of left cerebrum with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.323D	Contusion and laceration of left cerebrum with loss of consciousness of 1 hour to 5 hours 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.323S	Contusion and laceration of left cerebrum with loss of consciousness of 1 hour to 5 hours 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.324	Contusion and laceration of left cerebrum with loss of consciousness of 6 hours to 24 hours	Diagnosis	ICD-10-CM
S06.324A	Contusion and laceration of left cerebrum with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.324D	Contusion and laceration of left cerebrum with loss of consciousness of 6 hours to 24 hours, subsequent encounter	Diagnosis	ICD-10-CM
S06.324S	Contusion and laceration of left cerebrum with loss of consciousness of 6 hours to 24 hours, sequela	Diagnosis	ICD-10-CM
S06.325	Contusion and laceration of left cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
S06.325A	Contusion and laceration of left cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.325D	Contusion and laceration of left cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, subsequent encounter	Diagnosis	ICD-10-CM
S06.325S	Contusion and laceration of left cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, sequela	Diagnosis	ICD-10-CM
S06.326	Contusion and laceration of left cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving	Diagnosis	ICD-10-CM
S06.326A	Contusion and laceration of left cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.326D	Contusion and laceration of left cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter	Diagnosis	ICD-10-CM
S06.326S	Contusion and laceration of left cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela	Diagnosis	ICD-10-CM
S06.327	Contusion and laceration of left cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.327A	Contusion and laceration of left cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.327D	Contusion and laceration of left cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.327S	Contusion and laceration of left cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.328	Contusion and laceration of left cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.328A	Contusion and laceration of left cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.328D	Contusion and laceration of left cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.328S	Contusion and laceration of left cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.329	Contusion and laceration of left cerebrum with loss of consciousness of unspecified duration	Diagnosis	ICD-10-CM
S06.329A	Contusion and laceration of left cerebrum with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.329D	Contusion and laceration of left cerebrum with loss of consciousness of unspecified duration, subsequent encounter	Diagnosis	ICD-10-CM
S06.329S	Contusion and laceration of left cerebrum with loss of consciousness of unspecified duration, sequela	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
S06.33	Contusion and laceration of cerebrum, unspecified	Diagnosis	ICD-10-CM
S06.330	Contusion and laceration of cerebrum, unspecified, without loss of consciousness	Diagnosis	ICD-10-CM
S06.330A	Contusion and laceration of cerebrum, unspecified, without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.330D	Contusion and laceration of cerebrum, unspecified, without loss of consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.330S	Contusion and laceration of cerebrum, unspecified, without loss of consciousness, sequela	Diagnosis	ICD-10-CM
S06.331	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 30 minutes or less	Diagnosis	ICD-10-CM
S06.331A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.331D	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 30 minutes or less, subsequent encounter	Diagnosis	ICD-10-CM
S06.331S	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 30 minutes or less, sequela	Diagnosis	ICD-10-CM
S06.332	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes	Diagnosis	ICD-10-CM
S06.332A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.332D	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.332S	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.333	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 1 hour to 5 hours 59 minutes	Diagnosis	ICD-10-CM
S06.333A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.333D	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 1 hour to 5 hours 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.333S	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 1 hour to 5 hours 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.334	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours	Diagnosis	ICD-10-CM
S06.334A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.334D	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours, subsequent encounter	Diagnosis	ICD-10-CM
S06.334S	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours, sequela	Diagnosis	ICD-10-CM
S06.335	Contusion and laceration of cerebrum, unspecified, with loss of consciousness greater than 24 hours with return to pre-existing conscious level	Diagnosis	ICD-10-CM
S06.335A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
S06.335D	Contusion and laceration of cerebrum, unspecified, with loss of consciousness greater than 24 hours with return to pre-existing conscious level, subsequent encounter	Diagnosis	ICD-10-CM
S06.335S	Contusion and laceration of cerebrum, unspecified, with loss of consciousness greater than 24 hours with return to pre-existing conscious level, sequela	Diagnosis	ICD-10-CM
S06.336	Contusion and laceration of cerebrum, unspecified, with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving	Diagnosis	ICD-10-CM
S06.336A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.336D	Contusion and laceration of cerebrum, unspecified, with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter	Diagnosis	ICD-10-CM
S06.336S	Contusion and laceration of cerebrum, unspecified, with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela	Diagnosis	ICD-10-CM
S06.337	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.337A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.337D	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.337S	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.338	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of any duration with death due to other cause prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.338A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.338D	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.338S	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.339	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of unspecified duration	Diagnosis	ICD-10-CM
S06.339A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.339D	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of unspecified duration, subsequent encounter	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
S06.339S	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of unspecified duration, sequela	Diagnosis	ICD-10-CM
S06.34	Traumatic hemorrhage of right cerebrum	Diagnosis	ICD-10-CM
S06.340	Traumatic hemorrhage of right cerebrum without loss of consciousness	Diagnosis	ICD-10-CM
S06.340A	Traumatic hemorrhage of right cerebrum without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.340D	Traumatic hemorrhage of right cerebrum without loss of consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.340S	Traumatic hemorrhage of right cerebrum without loss of consciousness, sequela	Diagnosis	ICD-10-CM
S06.341	Traumatic hemorrhage of right cerebrum with loss of consciousness of 30 minutes or less	Diagnosis	ICD-10-CM
S06.341A	Traumatic hemorrhage of right cerebrum with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.341D	Traumatic hemorrhage of right cerebrum with loss of consciousness of 30 minutes or less, subsequent encounter	Diagnosis	ICD-10-CM
S06.341S	Traumatic hemorrhage of right cerebrum with loss of consciousness of 30 minutes or less, sequela	Diagnosis	ICD-10-CM
S06.342	Traumatic hemorrhage of right cerebrum with loss of consciousness of 31 minutes to 59 minutes	Diagnosis	ICD-10-CM
S06.342A	Traumatic hemorrhage of right cerebrum with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.342D	Traumatic hemorrhage of right cerebrum with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.342S	Traumatic hemorrhage of right cerebrum with loss of consciousness of 31 minutes to 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.343	Traumatic hemorrhage of right cerebrum with loss of consciousness of 1 hours to 5 hours 59 minutes	Diagnosis	ICD-10-CM
S06.343A	Traumatic hemorrhage of right cerebrum with loss of consciousness of 1 hours to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.343D	Traumatic hemorrhage of right cerebrum with loss of consciousness of 1 hours to 5 hours 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.343S	Traumatic hemorrhage of right cerebrum with loss of consciousness of 1 hours to 5 hours 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.344	Traumatic hemorrhage of right cerebrum with loss of consciousness of 6 hours to 24 hours	Diagnosis	ICD-10-CM
S06.344A	Traumatic hemorrhage of right cerebrum with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.344D	Traumatic hemorrhage of right cerebrum with loss of consciousness of 6 hours to 24 hours, subsequent encounter	Diagnosis	ICD-10-CM
S06.344S	Traumatic hemorrhage of right cerebrum with loss of consciousness of 6 hours to 24 hours, sequela	Diagnosis	ICD-10-CM
S06.345	Traumatic hemorrhage of right cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level	Diagnosis	ICD-10-CM
S06.345A	Traumatic hemorrhage of right cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
S06.345D	Traumatic hemorrhage of right cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, subsequent encounter	Diagnosis	ICD-10-CM
S06.345S	Traumatic hemorrhage of right cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, sequela	Diagnosis	ICD-10-CM
S06.346	Traumatic hemorrhage of right cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving	Diagnosis	ICD-10-CM
S06.346A	Traumatic hemorrhage of right cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.346D	Traumatic hemorrhage of right cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter	Diagnosis	ICD-10-CM
S06.346S	Traumatic hemorrhage of right cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela	Diagnosis	ICD-10-CM
S06.347	Traumatic hemorrhage of right cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.347A	Traumatic hemorrhage of right cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.347D	Traumatic hemorrhage of right cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.347S	Traumatic hemorrhage of right cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.348	Traumatic hemorrhage of right cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.348A	Traumatic hemorrhage of right cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.348D	Traumatic hemorrhage of right cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.348S	Traumatic hemorrhage of right cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.349	Traumatic hemorrhage of right cerebrum with loss of consciousness of unspecified duration	Diagnosis	ICD-10-CM
S06.349A	Traumatic hemorrhage of right cerebrum with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.349D	Traumatic hemorrhage of right cerebrum with loss of consciousness of unspecified duration, subsequent encounter	Diagnosis	ICD-10-CM
S06.349S	Traumatic hemorrhage of right cerebrum with loss of consciousness of unspecified duration, sequela	Diagnosis	ICD-10-CM
S06.35	Traumatic hemorrhage of left cerebrum	Diagnosis	ICD-10-CM
S06.350	Traumatic hemorrhage of left cerebrum without loss of consciousness	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
S06.350A	Traumatic hemorrhage of left cerebrum without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.350D	Traumatic hemorrhage of left cerebrum without loss of consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.350S	Traumatic hemorrhage of left cerebrum without loss of consciousness, sequela	Diagnosis	ICD-10-CM
S06.351	Traumatic hemorrhage of left cerebrum with loss of consciousness of 30 minutes or less	Diagnosis	ICD-10-CM
S06.351A	Traumatic hemorrhage of left cerebrum with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.351D	Traumatic hemorrhage of left cerebrum with loss of consciousness of 30 minutes or less, subsequent encounter	Diagnosis	ICD-10-CM
S06.351S	Traumatic hemorrhage of left cerebrum with loss of consciousness of 30 minutes or less, sequela	Diagnosis	ICD-10-CM
S06.352	Traumatic hemorrhage of left cerebrum with loss of consciousness of 31 minutes to 59 minutes	Diagnosis	ICD-10-CM
S06.352A	Traumatic hemorrhage of left cerebrum with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.352D	Traumatic hemorrhage of left cerebrum with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.352S	Traumatic hemorrhage of left cerebrum with loss of consciousness of 31 minutes to 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.353	Traumatic hemorrhage of left cerebrum with loss of consciousness of 1 hours to 5 hours 59 minutes	Diagnosis	ICD-10-CM
S06.353A	Traumatic hemorrhage of left cerebrum with loss of consciousness of 1 hours to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.353D	Traumatic hemorrhage of left cerebrum with loss of consciousness of 1 hours to 5 hours 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.353S	Traumatic hemorrhage of left cerebrum with loss of consciousness of 1 hours to 5 hours 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.354	Traumatic hemorrhage of left cerebrum with loss of consciousness of 6 hours to 24 hours	Diagnosis	ICD-10-CM
S06.354A	Traumatic hemorrhage of left cerebrum with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.354D	Traumatic hemorrhage of left cerebrum with loss of consciousness of 6 hours to 24 hours, subsequent encounter	Diagnosis	ICD-10-CM
S06.354S	Traumatic hemorrhage of left cerebrum with loss of consciousness of 6 hours to 24 hours, sequela	Diagnosis	ICD-10-CM
S06.355	Traumatic hemorrhage of left cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level	Diagnosis	ICD-10-CM
S06.355A	Traumatic hemorrhage of left cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.355D	Traumatic hemorrhage of left cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, subsequent encounter	Diagnosis	ICD-10-CM
S06.355S	Traumatic hemorrhage of left cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, sequela	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
S06.356	Traumatic hemorrhage of left cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving	Diagnosis	ICD-10-CM
S06.356A	Traumatic hemorrhage of left cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.356D	Traumatic hemorrhage of left cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter	Diagnosis	ICD-10-CM
S06.356S	Traumatic hemorrhage of left cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela	Diagnosis	ICD-10-CM
S06.357	Traumatic hemorrhage of left cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.357A	Traumatic hemorrhage of left cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.357D	Traumatic hemorrhage of left cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.357S	Traumatic hemorrhage of left cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.358	Traumatic hemorrhage of left cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.358A	Traumatic hemorrhage of left cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.358D	Traumatic hemorrhage of left cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.358S	Traumatic hemorrhage of left cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.359	Traumatic hemorrhage of left cerebrum with loss of consciousness of unspecified duration	Diagnosis	ICD-10-CM
S06.359A	Traumatic hemorrhage of left cerebrum with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.359D	Traumatic hemorrhage of left cerebrum with loss of consciousness of unspecified duration, subsequent encounter	Diagnosis	ICD-10-CM
S06.359S	Traumatic hemorrhage of left cerebrum with loss of consciousness of unspecified duration, sequela	Diagnosis	ICD-10-CM
S06.36	Traumatic hemorrhage of cerebrum, unspecified	Diagnosis	ICD-10-CM
S06.360	Traumatic hemorrhage of cerebrum, unspecified, without loss of consciousness	Diagnosis	ICD-10-CM
S06.360A	Traumatic hemorrhage of cerebrum, unspecified, without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.360D	Traumatic hemorrhage of cerebrum, unspecified, without loss of consciousness, subsequent encounter	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
S06.360S	Traumatic hemorrhage of cerebrum, unspecified, without loss of consciousness, sequela	Diagnosis	ICD-10-CM
S06.361	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 30 minutes or less	Diagnosis	ICD-10-CM
S06.361A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.361D	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 30 minutes or less, subsequent encounter	Diagnosis	ICD-10-CM
S06.361S	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 30 minutes or less, sequela	Diagnosis	ICD-10-CM
S06.362	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes	Diagnosis	ICD-10-CM
S06.362A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.362D	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.362S	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.363	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 1 hours to 5 hours 59 minutes	Diagnosis	ICD-10-CM
S06.363A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 1 hours to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.363D	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 1 hours to 5 hours 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.363S	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 1 hours to 5 hours 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.364	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours	Diagnosis	ICD-10-CM
S06.364A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.364D	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours, subsequent encounter	Diagnosis	ICD-10-CM
S06.364S	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours, sequela	Diagnosis	ICD-10-CM
S06.365	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness greater than 24 hours with return to pre-existing conscious level	Diagnosis	ICD-10-CM
S06.365A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.365D	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness greater than 24 hours with return to pre-existing conscious level, subsequent encounter	Diagnosis	ICD-10-CM
S06.365S	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness greater than 24 hours with return to pre-existing conscious level, sequela	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
S06.366	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving	Diagnosis	ICD-10-CM
S06.366A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.366D	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter	Diagnosis	ICD-10-CM
S06.366S	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela	Diagnosis	ICD-10-CM
S06.367	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.367A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.367D	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.367S	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.368	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of any duration with death due to other cause prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.368A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.368D	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.368S	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.369	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of unspecified duration	Diagnosis	ICD-10-CM
S06.369A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.369D	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of unspecified duration, subsequent encounter	Diagnosis	ICD-10-CM
S06.369S	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of unspecified duration, sequela	Diagnosis	ICD-10-CM
S06.37	Contusion, laceration, and hemorrhage of cerebellum	Diagnosis	ICD-10-CM
S06.370	Contusion, laceration, and hemorrhage of cerebellum without loss of consciousness	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
S06.370A	Contusion, laceration, and hemorrhage of cerebellum without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.370D	Contusion, laceration, and hemorrhage of cerebellum without loss of consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.370S	Contusion, laceration, and hemorrhage of cerebellum without loss of consciousness, sequela	Diagnosis	ICD-10-CM
S06.371	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 30 minutes or less	Diagnosis	ICD-10-CM
S06.371A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.371D	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 30 minutes or less, subsequent encounter	Diagnosis	ICD-10-CM
S06.371S	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 30 minutes or less, sequela	Diagnosis	ICD-10-CM
S06.372	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 31 minutes to 59 minutes	Diagnosis	ICD-10-CM
S06.372A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.372D	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.372S	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 31 minutes to 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.373	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 1 hour to 5 hours 59 minutes	Diagnosis	ICD-10-CM
S06.373A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.373D	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 1 hour to 5 hours 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.373S	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 1 hour to 5 hours 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.374	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 6 hours to 24 hours	Diagnosis	ICD-10-CM
S06.374A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.374D	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 6 hours to 24 hours, subsequent encounter	Diagnosis	ICD-10-CM
S06.374S	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 6 hours to 24 hours, sequela	Diagnosis	ICD-10-CM
S06.375	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness greater than 24 hours with return to pre-existing conscious level	Diagnosis	ICD-10-CM
S06.375A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.375D	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, subsequent encounter	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
S06.375S	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, sequela	Diagnosis	ICD-10-CM
S06.376	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving	Diagnosis	ICD-10-CM
S06.376A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.376D	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter	Diagnosis	ICD-10-CM
S06.376S	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela	Diagnosis	ICD-10-CM
S06.377	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.377A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.377D	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.377S	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.378	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.378A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.378D	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.378S	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.379	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of unspecified duration	Diagnosis	ICD-10-CM
S06.379A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.379D	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of unspecified duration, subsequent encounter	Diagnosis	ICD-10-CM
S06.379S	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of unspecified duration, sequela	Diagnosis	ICD-10-CM
S06.38	Contusion, laceration, and hemorrhage of brainstem	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
S06.380	Contusion, laceration, and hemorrhage of brainstem without loss of consciousness	Diagnosis	ICD-10-CM
S06.380A	Contusion, laceration, and hemorrhage of brainstem without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.380D	Contusion, laceration, and hemorrhage of brainstem without loss of consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.380S	Contusion, laceration, and hemorrhage of brainstem without loss of consciousness, sequela	Diagnosis	ICD-10-CM
S06.381	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 30 minutes or less	Diagnosis	ICD-10-CM
S06.381A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.381D	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 30 minutes or less, subsequent encounter	Diagnosis	ICD-10-CM
S06.381S	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 30 minutes or less, sequela	Diagnosis	ICD-10-CM
S06.382	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 31 minutes to 59 minutes	Diagnosis	ICD-10-CM
S06.382A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.382D	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.382S	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 31 minutes to 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.383	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 1 hour to 5 hours 59 minutes	Diagnosis	ICD-10-CM
S06.383A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.383D	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 1 hour to 5 hours 59 minutes, subsequent encounter	Diagnosis	ICD-10-CM
S06.383S	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 1 hour to 5 hours 59 minutes, sequela	Diagnosis	ICD-10-CM
S06.384	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 6 hours to 24 hours	Diagnosis	ICD-10-CM
S06.384A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.384D	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 6 hours to 24 hours, subsequent encounter	Diagnosis	ICD-10-CM
S06.384S	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 6 hours to 24 hours, sequela	Diagnosis	ICD-10-CM
S06.385	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness greater than 24 hours with return to pre-existing conscious level	Diagnosis	ICD-10-CM
S06.385A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
S06.385D	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness greater than 24 hours with return to pre-existing conscious level, subsequent encounter	Diagnosis	ICD-10-CM
S06.385S	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness greater than 24 hours with return to pre-existing conscious level, sequela	Diagnosis	ICD-10-CM
S06.386	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving	Diagnosis	ICD-10-CM
S06.386A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.386D	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter	Diagnosis	ICD-10-CM
S06.386S	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela	Diagnosis	ICD-10-CM
S06.387	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.387A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.387D	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.387S	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.388	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of any duration with death due to other cause prior to regaining consciousness	Diagnosis	ICD-10-CM
S06.388A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.388D	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, subsequent encounter	Diagnosis	ICD-10-CM
S06.388S	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, sequela	Diagnosis	ICD-10-CM
S06.389	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of unspecified duration	Diagnosis	ICD-10-CM
S06.389A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.389D	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of unspecified duration, subsequent encounter	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
S06.389S	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of unspecified duration, sequela	Diagnosis	ICD-10-CM
D32	Benign neoplasm of meninges	Diagnosis	ICD-10-CM
D32.0	Benign neoplasm of cerebral meninges	Diagnosis	ICD-10-CM
D32.1	Benign neoplasm of spinal meninges	Diagnosis	ICD-10-CM
D32.9	Benign neoplasm of meninges, unspecified	Diagnosis	ICD-10-CM
D33.3	Benign neoplasm of cranial nerves	Diagnosis	ICD-10-CM
D36.11	Benign neoplasm of peripheral nerves and autonomic nervous system of face, head, and neck	Diagnosis	ICD-10-CM
G10	Huntington's disease	Diagnosis	ICD-10-CM
G12	Spinal muscular atrophy and related syndromes	Diagnosis	ICD-10-CM
G12.0	Infantile spinal muscular atrophy, type I [Werdnig-Hoffman]	Diagnosis	ICD-10-CM
G12.1	Other inherited spinal muscular atrophy	Diagnosis	ICD-10-CM
G12.2	Motor neuron disease	Diagnosis	ICD-10-CM
G12.20	Motor neuron disease, unspecified	Diagnosis	ICD-10-CM
G12.22	Progressive bulbar palsy	Diagnosis	ICD-10-CM
G12.23	Primary lateral sclerosis	Diagnosis	ICD-10-CM
G12.24	Familial motor neuron disease	Diagnosis	ICD-10-CM
G12.25	Progressive spinal muscle atrophy	Diagnosis	ICD-10-CM
G12.29	Other motor neuron disease	Diagnosis	ICD-10-CM
G12.8	Other spinal muscular atrophies and related syndromes	Diagnosis	ICD-10-CM
G12.9	Spinal muscular atrophy, unspecified	Diagnosis	ICD-10-CM
G32.0	Subacute combined degeneration of spinal cord in diseases classified elsewhere	Diagnosis	ICD-10-CM
G45	Transient cerebral ischemic attacks and related syndromes	Diagnosis	ICD-10-CM
G45.0	Vertebro-basilar artery syndrome	Diagnosis	ICD-10-CM
G45.1	Carotid artery syndrome (hemispheric)	Diagnosis	ICD-10-CM
G45.2	Multiple and bilateral precerebral artery syndromes	Diagnosis	ICD-10-CM
G45.3	Amaurosis fugax	Diagnosis	ICD-10-CM
G45.4	Transient global amnesia	Diagnosis	ICD-10-CM
G45.8	Other transient cerebral ischemic attacks and related syndromes	Diagnosis	ICD-10-CM
G45.9	Transient cerebral ischemic attack, unspecified	Diagnosis	ICD-10-CM
G60.0	Hereditary motor and sensory neuropathy	Diagnosis	ICD-10-CM
G61.0	Guillain-Barre syndrome	Diagnosis	ICD-10-CM
G64	Other disorders of peripheral nervous system	Diagnosis	ICD-10-CM
G72.4	Inflammatory and immune myopathies, not elsewhere classified	Diagnosis	ICD-10-CM
G72.41	Inclusion body myositis [IBM]	Diagnosis	ICD-10-CM
G72.49	Other inflammatory and immune myopathies, not elsewhere classified	Diagnosis	ICD-10-CM
G91	Hydrocephalus	Diagnosis	ICD-10-CM
G91.0	Communicating hydrocephalus	Diagnosis	ICD-10-CM
G91.1	Obstructive hydrocephalus	Diagnosis	ICD-10-CM
G91.2	(Idiopathic) normal pressure hydrocephalus	Diagnosis	ICD-10-CM
G91.3	Post-traumatic hydrocephalus, unspecified	Diagnosis	ICD-10-CM
G91.4	Hydrocephalus in diseases classified elsewhere	Diagnosis	ICD-10-CM
G91.8	Other hydrocephalus	Diagnosis	ICD-10-CM
G91.9	Hydrocephalus, unspecified	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
G95.0	Syringomyelia and syringobulbia	Diagnosis	ICD-10-CM
H93.3	Disorders of acoustic nerve	Diagnosis	ICD-10-CM
I60.7	Nontraumatic subarachnoid hemorrhage from unspecified intracranial artery	Diagnosis	ICD-10-CM
I67.1	Cerebral aneurysm, nonruptured	Diagnosis	ICD-10-CM
M33	Dermatopolymyositis	Diagnosis	ICD-10-CM
M33.0	Juvenile dermatomyositis	Diagnosis	ICD-10-CM
M33.00	Juvenile dermatomyositis, organ involvement unspecified	Diagnosis	ICD-10-CM
M33.01	Juvenile dermatomyositis with respiratory involvement	Diagnosis	ICD-10-CM
M33.02	Juvenile dermatomyositis with myopathy	Diagnosis	ICD-10-CM
M33.03	Juvenile dermatomyositis without myopathy	Diagnosis	ICD-10-CM
M33.09	Juvenile dermatomyositis with other organ involvement	Diagnosis	ICD-10-CM
M33.1	Other dermatomyositis	Diagnosis	ICD-10-CM
M33.10	Other dermatomyositis, organ involvement unspecified	Diagnosis	ICD-10-CM
M33.11	Other dermatomyositis with respiratory involvement	Diagnosis	ICD-10-CM
M33.12	Other dermatomyositis with myopathy	Diagnosis	ICD-10-CM
M33.13	Other dermatomyositis without myopathy	Diagnosis	ICD-10-CM
M33.19	Other dermatomyositis with other organ involvement	Diagnosis	ICD-10-CM
M33.2	Polymyositis	Diagnosis	ICD-10-CM
M33.20	Polymyositis, organ involvement unspecified	Diagnosis	ICD-10-CM
M33.21	Polymyositis with respiratory involvement	Diagnosis	ICD-10-CM
M33.22	Polymyositis with myopathy	Diagnosis	ICD-10-CM
M33.29	Polymyositis with other organ involvement	Diagnosis	ICD-10-CM
M33.9	Dermatopolymyositis, unspecified	Diagnosis	ICD-10-CM
M33.90	Dermatopolymyositis, unspecified, organ involvement unspecified	Diagnosis	ICD-10-CM
M33.91	Dermatopolymyositis, unspecified with respiratory involvement	Diagnosis	ICD-10-CM
M33.92	Dermatopolymyositis, unspecified with myopathy	Diagnosis	ICD-10-CM
M33.93	Dermatopolymyositis, unspecified without myopathy	Diagnosis	ICD-10-CM
M33.99	Dermatopolymyositis, unspecified with other organ involvement	Diagnosis	ICD-10-CM
M48.0	Spinal stenosis	Diagnosis	ICD-10-CM
M48.00	Spinal stenosis, site unspecified	Diagnosis	ICD-10-CM
M48.01	Spinal stenosis, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M48.02	Spinal stenosis, cervical region	Diagnosis	ICD-10-CM
M48.03	Spinal stenosis, cervicothoracic region	Diagnosis	ICD-10-CM
M48.04	Spinal stenosis, thoracic region	Diagnosis	ICD-10-CM
M48.05	Spinal stenosis, thoracolumbar region	Diagnosis	ICD-10-CM
M48.06	Spinal stenosis, lumbar region	Diagnosis	ICD-10-CM
M48.061	Spinal stenosis, lumbar region without neurogenic claudication	Diagnosis	ICD-10-CM
M48.062	Spinal stenosis, lumbar region with neurogenic claudication	Diagnosis	ICD-10-CM
M48.07	Spinal stenosis, lumbosacral region	Diagnosis	ICD-10-CM
M48.08	Spinal stenosis, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
Q28	Other congenital malformations of circulatory system	Diagnosis	ICD-10-CM
S06.2	Diffuse traumatic brain injury	Diagnosis	ICD-10-CM
G11.11	Friedreich ataxia	Diagnosis	ICD-10-CM
G23.1	Progressive supranuclear ophthalmoplegia [Steele-Richardson-Olszewski]	Diagnosis	ICD-10-CM
G70	Myasthenia gravis and other myoneural disorders	Diagnosis	ICD-10-CM
G70.0	Myasthenia gravis	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
G70.00	Myasthenia gravis without (acute) exacerbation	Diagnosis	ICD-10-CM
G70.01	Myasthenia gravis with (acute) exacerbation	Diagnosis	ICD-10-CM
G70.1	Toxic myoneural disorders	Diagnosis	ICD-10-CM
G70.2	Congenital and developmental myasthenia	Diagnosis	ICD-10-CM
G70.8	Other specified myoneural disorders	Diagnosis	ICD-10-CM
G70.80	Lambert-Eaton syndrome, unspecified	Diagnosis	ICD-10-CM
G70.81	Lambert-Eaton syndrome in disease classified elsewhere	Diagnosis	ICD-10-CM
G70.89	Other specified myoneural disorders	Diagnosis	ICD-10-CM
G70.9	Myoneural disorder, unspecified	Diagnosis	ICD-10-CM
G71.09	Other specified muscular dystrophies	Diagnosis	ICD-10-CM
G71.12	Myotonia congenita	Diagnosis	ICD-10-CM
G71.19	Other specified myotonic disorders	Diagnosis	ICD-10-CM
G71.2	Congenital myopathies	Diagnosis	ICD-10-CM
G72.9	Myopathy, unspecified	Diagnosis	ICD-10-CM
G73.1	Lambert-Eaton syndrome in neoplastic disease	Diagnosis	ICD-10-CM
G80	Cerebral palsy	Diagnosis	ICD-10-CM
G80.0	Spastic quadriplegic cerebral palsy	Diagnosis	ICD-10-CM
G80.1	Spastic diplegic cerebral palsy	Diagnosis	ICD-10-CM
G80.2	Spastic hemiplegic cerebral palsy	Diagnosis	ICD-10-CM
G80.3	Athetoid cerebral palsy	Diagnosis	ICD-10-CM
G80.4	Ataxic cerebral palsy	Diagnosis	ICD-10-CM
G80.8	Other cerebral palsy	Diagnosis	ICD-10-CM
G80.9	Cerebral palsy, unspecified	Diagnosis	ICD-10-CM
F01	Vascular dementia	Diagnosis	ICD-10-CM
F01.5	Vascular dementia	Diagnosis	ICD-10-CM
F01.50	Vascular dementia without behavioral disturbance	Diagnosis	ICD-10-CM
F01.51	Vascular dementia with behavioral disturbance	Diagnosis	ICD-10-CM
F02	Dementia in other diseases classified elsewhere	Diagnosis	ICD-10-CM
F02.8	Dementia in other diseases classified elsewhere	Diagnosis	ICD-10-CM
F02.80	Dementia in other diseases classified elsewhere without behavioral disturbance	Diagnosis	ICD-10-CM
F02.81	Dementia in other diseases classified elsewhere with behavioral disturbance	Diagnosis	ICD-10-CM
F03	Unspecified dementia	Diagnosis	ICD-10-CM
F03.9	Unspecified dementia	Diagnosis	ICD-10-CM
F03.90	Unspecified dementia without behavioral disturbance	Diagnosis	ICD-10-CM
F03.91	Unspecified dementia with behavioral disturbance	Diagnosis	ICD-10-CM
F10.27	Alcohol dependence with alcohol-induced persisting dementia	Diagnosis	ICD-10-CM
F10.97	Alcohol use, unspecified with alcohol-induced persisting dementia	Diagnosis	ICD-10-CM
F13.27	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced persisting dementia	Diagnosis	ICD-10-CM
F13.97	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced persisting dementia	Diagnosis	ICD-10-CM
F18.17	Inhalant abuse with inhalant-induced dementia	Diagnosis	ICD-10-CM
F18.27	Inhalant dependence with inhalant-induced dementia	Diagnosis	ICD-10-CM
F18.97	Inhalant use, unspecified with inhalant-induced persisting dementia	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
F19.17	Other psychoactive substance abuse with psychoactive substance-induced persisting dementia	Diagnosis	ICD-10-CM
F19.27	Other psychoactive substance dependence with psychoactive substance-induced persisting dementia	Diagnosis	ICD-10-CM
F19.97	Other psychoactive substance use, unspecified with psychoactive substance-induced persisting dementia	Diagnosis	ICD-10-CM
G12.21	Amyotrophic lateral sclerosis	Diagnosis	ICD-10-CM
G20	Parkinson's disease	Diagnosis	ICD-10-CM
G21	Secondary parkinsonism	Diagnosis	ICD-10-CM
G21.1	Other drug-induced secondary parkinsonism	Diagnosis	ICD-10-CM
G21.11	Neuroleptic induced parkinsonism	Diagnosis	ICD-10-CM
G21.19	Other drug induced secondary parkinsonism	Diagnosis	ICD-10-CM
G21.2	Secondary parkinsonism due to other external agents	Diagnosis	ICD-10-CM
G21.3	Postencephalitic parkinsonism	Diagnosis	ICD-10-CM
G21.4	Vascular parkinsonism	Diagnosis	ICD-10-CM
G21.8	Other secondary parkinsonism	Diagnosis	ICD-10-CM
G21.9	Secondary parkinsonism, unspecified	Diagnosis	ICD-10-CM
G30	Alzheimer's disease	Diagnosis	ICD-10-CM
G30.0	Alzheimer's disease with early onset	Diagnosis	ICD-10-CM
G30.1	Alzheimer's disease with late onset	Diagnosis	ICD-10-CM
G30.8	Other Alzheimer's disease	Diagnosis	ICD-10-CM
G30.9	Alzheimer's disease, unspecified	Diagnosis	ICD-10-CM
G31.0	Frontotemporal dementia	Diagnosis	ICD-10-CM
G31.09	Other frontotemporal dementia	Diagnosis	ICD-10-CM
G31.83	Dementia with Lewy bodies	Diagnosis	ICD-10-CM
G35	Multiple sclerosis	Diagnosis	ICD-10-CM
G40	Epilepsy and recurrent seizures	Diagnosis	ICD-10-CM
G40.0	Localization-related (focal) (partial) idiopathic epilepsy and epileptic syndromes with seizures of localized onset	Diagnosis	ICD-10-CM
G40.00	Localization-related (focal) (partial) idiopathic epilepsy and epileptic syndromes with seizures of localized onset, not intractable	Diagnosis	ICD-10-CM
G40.001	Localization-related (focal) (partial) idiopathic epilepsy and epileptic syndromes with seizures of localized onset, not intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.009	Localization-related (focal) (partial) idiopathic epilepsy and epileptic syndromes with seizures of localized onset, not intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.01	Localization-related (focal) (partial) idiopathic epilepsy and epileptic syndromes with seizures of localized onset, intractable	Diagnosis	ICD-10-CM
G40.011	Localization-related (focal) (partial) idiopathic epilepsy and epileptic syndromes with seizures of localized onset, intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.019	Localization-related (focal) (partial) idiopathic epilepsy and epileptic syndromes with seizures of localized onset, intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.1	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures	Diagnosis	ICD-10-CM
G40.10	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, not intractable	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
G40.101	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, not intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.109	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, not intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.11	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, intractable	Diagnosis	ICD-10-CM
G40.111	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.119	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.2	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with complex partial seizures	Diagnosis	ICD-10-CM
G40.20	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with complex partial seizures, not intractable	Diagnosis	ICD-10-CM
G40.201	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with complex partial seizures, not intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.209	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with complex partial seizures, not intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.21	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with complex partial seizures, intractable	Diagnosis	ICD-10-CM
G40.211	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with complex partial seizures, intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.219	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with complex partial seizures, intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.3	Generalized idiopathic epilepsy and epileptic syndromes	Diagnosis	ICD-10-CM
G40.30	Generalized idiopathic epilepsy and epileptic syndromes, not intractable	Diagnosis	ICD-10-CM
G40.301	Generalized idiopathic epilepsy and epileptic syndromes, not intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.309	Generalized idiopathic epilepsy and epileptic syndromes, not intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.31	Generalized idiopathic epilepsy and epileptic syndromes, intractable	Diagnosis	ICD-10-CM
G40.311	Generalized idiopathic epilepsy and epileptic syndromes, intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.319	Generalized idiopathic epilepsy and epileptic syndromes, intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.4	Other generalized epilepsy and epileptic syndromes	Diagnosis	ICD-10-CM
G40.40	Other generalized epilepsy and epileptic syndromes, not intractable	Diagnosis	ICD-10-CM
G40.401	Other generalized epilepsy and epileptic syndromes, not intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.409	Other generalized epilepsy and epileptic syndromes, not intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.41	Other generalized epilepsy and epileptic syndromes, intractable	Diagnosis	ICD-10-CM
G40.411	Other generalized epilepsy and epileptic syndromes, intractable, with status epilepticus	Diagnosis	ICD-10-CM

Appendix E. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
G40.419	Other generalized epilepsy and epileptic syndromes, intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.8	Other epilepsy and recurrent seizures	Diagnosis	ICD-10-CM
G40.80	Other epilepsy	Diagnosis	ICD-10-CM
G40.801	Other epilepsy, not intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.802	Other epilepsy, not intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.803	Other epilepsy, intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.804	Other epilepsy, intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.9	Epilepsy, unspecified	Diagnosis	ICD-10-CM
G40.90	Epilepsy, unspecified, not intractable	Diagnosis	ICD-10-CM
G40.901	Epilepsy, unspecified, not intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.909	Epilepsy, unspecified, not intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.91	Epilepsy, unspecified, intractable	Diagnosis	ICD-10-CM
G40.911	Epilepsy, unspecified, intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.919	Epilepsy, unspecified, intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.B	Juvenile myoclonic epilepsy [impulsive petit mal]	Diagnosis	ICD-10-CM
G40.B0	Juvenile myoclonic epilepsy, not intractable	Diagnosis	ICD-10-CM
G40.B01	Juvenile myoclonic epilepsy, not intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.B09	Juvenile myoclonic epilepsy, not intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.B1	Juvenile myoclonic epilepsy, intractable	Diagnosis	ICD-10-CM
G40.B11	Juvenile myoclonic epilepsy, intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.B19	Juvenile myoclonic epilepsy, intractable, without status epilepticus	Diagnosis	ICD-10-CM
G65.0	Sequelae of Guillain-Barre syndrome	Diagnosis	ICD-10-CM
G71.0	Muscular dystrophy	Diagnosis	ICD-10-CM
G71.00	Muscular dystrophy, unspecified	Diagnosis	ICD-10-CM
G71.01	Duchenne or Becker muscular dystrophy	Diagnosis	ICD-10-CM
G71.02	Facioscapulohumeral muscular dystrophy	Diagnosis	ICD-10-CM
G71.11	Myotonic muscular dystrophy	Diagnosis	ICD-10-CM
Q85.0	Neurofibromatosis (nonmalignant)	Diagnosis	ICD-10-CM
Q85.00	Neurofibromatosis, unspecified	Diagnosis	ICD-10-CM
Q85.01	Neurofibromatosis, type 1	Diagnosis	ICD-10-CM
Q85.02	Neurofibromatosis, type 2	Diagnosis	ICD-10-CM
Q85.09	Other neurofibromatosis	Diagnosis	ICD-10-CM
Z13.850	Encounter for screening for traumatic brain injury	Diagnosis	ICD-10-CM
Z82.0	Family history of epilepsy and other diseases of the nervous system	Diagnosis	ICD-10-CM
Z87.820	Personal history of traumatic brain injury	Diagnosis	ICD-10-CM
Adult BMI 19.9 or less			
Z68.1	Body mass index [BMI] 19.9 or less, adult	Diagnosis	ICD-10-CM
Adult BMI 20-29			
Z68.2	Body mass index [BMI] 20-29, adult	Diagnosis	ICD-10-CM
Z68.20	Body mass index [BMI] 20.0-20.9, adult	Diagnosis	ICD-10-CM
Z68.21	Body mass index [BMI] 21.0-21.9, adult	Diagnosis	ICD-10-CM
Z68.22	Body mass index [BMI] 22.0-22.9, adult	Diagnosis	ICD-10-CM
Z68.23	Body mass index [BMI] 23.0-23.9, adult	Diagnosis	ICD-10-CM
Z68.24	Body mass index [BMI] 24.0-24.9, adult	Diagnosis	ICD-10-CM
Z68.25	Body mass index [BMI] 25.0-25.9, adult	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
Z68.26	Body mass index [BMI] 26.0-26.9, adult	Diagnosis	ICD-10-CM
Z68.27	Body mass index [BMI] 27.0-27.9, adult	Diagnosis	ICD-10-CM
Z68.28	Body mass index [BMI] 28.0-28.9, adult	Diagnosis	ICD-10-CM
Z68.29	Body mass index [BMI] 29.0-29.9, adult	Diagnosis	ICD-10-CM
Adult BMI 30-39			
Z68.3	Body mass index [BMI] 30-39, adult	Diagnosis	ICD-10-CM
Z68.30	Body mass index [BMI] 30.0-30.9, adult	Diagnosis	ICD-10-CM
Z68.31	Body mass index [BMI] 31.0-31.9, adult	Diagnosis	ICD-10-CM
Z68.32	Body mass index [BMI] 32.0-32.9, adult	Diagnosis	ICD-10-CM
Z68.33	Body mass index [BMI] 33.0-33.9, adult	Diagnosis	ICD-10-CM
Z68.34	Body mass index [BMI] 34.0-34.9, adult	Diagnosis	ICD-10-CM
Z68.35	Body mass index [BMI] 35.0-35.9, adult	Diagnosis	ICD-10-CM
Z68.36	Body mass index [BMI] 36.0-36.9, adult	Diagnosis	ICD-10-CM
Z68.37	Body mass index [BMI] 37.0-37.9, adult	Diagnosis	ICD-10-CM
Z68.38	Body mass index [BMI] 38.0-38.9, adult	Diagnosis	ICD-10-CM
Z68.39	Body mass index [BMI] 39.0-39.9, adult	Diagnosis	ICD-10-CM
Adult BMI 40 or greater			
Z68.4	Body mass index [BMI] 40 or greater, adult	Diagnosis	ICD-10-CM
Z68.41	Body mass index [BMI] 40.0-44.9, adult	Diagnosis	ICD-10-CM
Z68.42	Body mass index [BMI] 45.0-49.9, adult	Diagnosis	ICD-10-CM
Z68.43	Body mass index [BMI] 50.0-59.9, adult	Diagnosis	ICD-10-CM
Z68.44	Body mass index [BMI] 60.0-69.9, adult	Diagnosis	ICD-10-CM
Z68.45	Body mass index [BMI] 70 or greater, adult	Diagnosis	ICD-10-CM

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS), and Revenue (RE) Codes Used to Define Critical COVID-19 in this Request

Code	Description	Category	Code Type
Critical COVID - ICU			
200	ICU general	Procedure	Revenue
201	ICU surgical	Procedure	Revenue
202	ICU medical	Procedure	Revenue
203	ICU pediatric	Procedure	Revenue
204	ICU psychiatric stay	Procedure	Revenue
206	ICU intermediate	Procedure	Revenue
207	ICU burn care	Procedure	Revenue
208	ICU trauma	Procedure	Revenue
209	ICU other	Procedure	Revenue
210	CCU	Procedure	Revenue
211	CCU myo infarc	Procedure	Revenue
212	CCU pulmonary	Procedure	Revenue
213	CCU transplant	Procedure	Revenue
214	CCU intermediate	Procedure	Revenue
219	CCU other	Procedure	Revenue
G0390	Trauma response team associated with hospital critical care service	Procedure	HCPCS
G0508	Telehealth consultation, critical care, initial, physicians typically spend 60 minutes communicating with the patient and providers via telehealth	Procedure	HCPCS
G0509	Telehealth consultation, critical care, subsequent, physicians typically spend 50 minutes communicating with the patient and providers via telehealth	Procedure	HCPCS
99160	Critical Care, Initial, Including The Diagnostic And Therapeutic Services And Direction Of Care Of The Critically Ill Or Multiply Injured Or Comatose Patient, Requiring The Prolonged Presence Of The Physician; First Hour	Procedure	CPT-4
99162	Critical Care, Initial, Including The Diagnostic And Therapeutic Services And Direction Of Care Of The Critically Ill Or Multiply Injured Or Comatose Patient, Requiring The Prolonged Presence Of The Physician; Each Additional 30 Minutes	Procedure	CPT-4
99171	Critical Care, Subsequent Follow-up Visit; Brief Examination, Evaluation And/or Treatment For Same Illness	Procedure	CPT-4
99289	Critical care services delivered by a physician, face-to-face, during an interfacility transport of critically ill or critically injured pediatric patient, 24 months of age or less; first 30-74 minutes of hands on care during transport	Procedure	CPT-4
99290	Critical care services delivered by a physician, face-to-face, during an interfacility transport of critically ill or critically injured pediatric patient, 24 months of age or less; each additional 30 minutes (List separately in addition to code for primary service)	Procedure	CPT-4
99291	Critical care, evaluation and management of the critically ill or critically injured patient; first 30-74 minutes	Procedure	CPT-4
99292	Critical care, evaluation and management of the critically ill or critically injured patient; each additional 30 minutes (List separately in addition to code for primary service)	Procedure	CPT-4
99293	Initial inpatient pediatric critical care, per day, for the evaluation and management of a critically ill infant or young child, 29 days through 24 months of age	Procedure	CPT-4
99294	Subsequent inpatient pediatric critical care, per day, for the evaluation and management of a critically ill infant or young child, 29 days through 24 months of age	Procedure	CPT-4
99295	Initial inpatient neonatal critical care, per day, for the evaluation and management of a critically ill neonate, 28 days of age or less	Procedure	CPT-4

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Code	Description	Category	Code Type
99296	Subsequent inpatient neonatal critical care, per day, for the evaluation and management of a critically ill neonate, 28 days of age or less	Procedure	CPT-4
99466	Critical care face-to-face services, during an interfacility transport of critically ill or critically injured pediatric patient, 24 months of age or younger; first 30-74 minutes of hands-on care during transport	Procedure	CPT-4
99467	Critical care face-to-face services, during an interfacility transport of critically ill or critically injured pediatric patient, 24 months of age or younger; each additional 30 minutes (List separately in addition to code for primary service)	Procedure	CPT-4
99468	Initial inpatient neonatal critical care, per day, for the evaluation and management of a critically ill neonate, 28 days of age or younger	Procedure	CPT-4
99469	Subsequent inpatient neonatal critical care, per day, for the evaluation and management of a critically ill neonate, 28 days of age or younger	Procedure	CPT-4
99471	Initial inpatient pediatric critical care, per day, for the evaluation and management of a critically ill infant or young child, 29 days through 24 months of age	Procedure	CPT-4
99472	Subsequent inpatient pediatric critical care, per day, for the evaluation and management of a critically ill infant or young child, 29 days through 24 months of age	Procedure	CPT-4
99475	Initial inpatient pediatric critical care, per day, for the evaluation and management of a critically ill infant or young child, 2 through 5 years of age	Procedure	CPT-4
99476	Subsequent inpatient pediatric critical care, per day, for the evaluation and management of a critically ill infant or young child, 2 through 5 years of age	Procedure	CPT-4
99477	Initial hospital care, per day, for the evaluation and management of the neonate, 28 days of age or younger, who requires intensive observation, frequent interventions, and other intensive care services	Procedure	CPT-4
99478	Subsequent intensive care, per day, for the evaluation and management of the recovering very low birth weight infant (present body weight less than 1500 grams)	Procedure	CPT-4
99479	Subsequent intensive care, per day, for the evaluation and management of the recovering low birth weight infant (present body weight of 1500-2500 grams)	Procedure	CPT-4
99480	Subsequent intensive care, per day, for the evaluation and management of the recovering infant (present body weight of 2501-5000 grams)	Procedure	CPT-4
99485	Supervision by a control physician of interfacility transport care of the critically ill or critically injured pediatric patient, 24 months of age or younger, includes two-way communication with transport team before transport, at the referring facility and during the transport, including data interpretation and report; first 30 minutes	Procedure	CPT-4
99486	Supervision by a control physician of interfacility transport care of the critically ill or critically injured pediatric patient, 24 months of age or younger, includes two-way communication with transport team before transport, at the referring facility and during the transport, including data interpretation and report; each additional 30 minutes (List separately in addition to code for primary procedure)	Procedure	CPT-4
0188T	Remote real-time interactive video-conferenced critical care, evaluation and management of the critically ill or critically injured patient; first 30-74 minutes	Procedure	CPT-3
0189T	Remote real-time interactive video-conferenced critical care, evaluation and management of the critically ill or critically injured patient; each additional 30 minutes (List separately in addition to code for primary service)	Procedure	CPT-3
0581F	Patient transferred directly from anesthetizing location to critical care unit (Peri2)	Procedure	CPT-2
G0240	Critical care service delivered by a physician, face to face; during interfacility transport of a critically ill or critically injured patient; first 30-74 minutes of active transport	Procedure	HCPCS

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS), and Revenue (RE) Codes Used to Define Critical COVID-19 in this Request

Code	Description	Category	Code Type
Critical COVID - Mechanical Ventilation			
09HN7BZ	Insertion of Airway into Nasopharynx, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
09HN8BZ	Insertion of Airway into Nasopharynx, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0BH13EZ	Insertion of Endotracheal Airway into Trachea, Percutaneous Approach	Procedure	ICD-10-PCS
0BH17EZ	Insertion of Endotracheal Airway into Trachea, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0BH18EZ	Insertion of Endotracheal Airway into Trachea, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
OCHY7BZ	Insertion of Airway into Mouth and Throat, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
OCHY8BZ	Insertion of Airway into Mouth and Throat, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
ODH57BZ	Insertion of Airway into Esophagus, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
ODH58BZ	Insertion of Airway into Esophagus, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
OWHQ73Z	Insertion of Infusion Device into Respiratory Tract, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
OWHQ7YZ	Insertion of Other Device into Respiratory Tract, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
31500	Intubation, endotracheal, emergency procedure	Procedure	CPT-4
91000	Esophageal intubation and collection of washings for cytology, including preparation of specimens (separate procedure)	Procedure	CPT-4
A0396	ALS specialized service disposable supplies; esophageal intubation	Procedure	HCPCS
94002	Ventilation assist and management, initiation of pressure or volume preset ventilators for assisted or controlled breathing; hospital inpatient/observation, initial day	Procedure	CPT-4
94003	Ventilation assist and management, initiation of pressure or volume preset ventilators for assisted or controlled breathing; hospital inpatient/observation, each subsequent day	Procedure	CPT-4
94004	Ventilation assist and management, initiation of pressure or volume preset ventilators for assisted or controlled breathing; nursing facility, per day	Procedure	CPT-4
94656	Ventilation assist and management, initiation of pressure or volume preset ventilators for assisted or controlled breathing; first day	Procedure	CPT-4
94657	Ventilation assist and management, initiation of pressure or volume preset ventilators for assisted or controlled breathing; subsequent days	Procedure	CPT-4
94662	Continuous negative pressure ventilation (CNP), initiation and management	Procedure	CPT-4
4168F	Patient receiving care in the intensive care unit (ICU) and receiving mechanical ventilation, 24 hours or less (CRIT)	Procedure	CPT-2
A4483	Moisture exchanger, disposable, for use with invasive mechanical ventilation	Procedure	HCPCS
E0481	Intrapulmonary percussive ventilation system and related accessories	Procedure	HCPCS
5A09357	Assistance with Respiratory Ventilation, Less than 24 Consecutive Hours, Continuous Positive Airway Pressure	Procedure	ICD-10-PCS
5A09457	Assistance with Respiratory Ventilation, 24-96 Consecutive Hours, Continuous Positive Airway Pressure	Procedure	ICD-10-PCS
5A09557	Assistance with Respiratory Ventilation, Greater than 96 Consecutive Hours, Continuous Positive Airway Pressure	Procedure	ICD-10-PCS
5A1935Z	Respiratory Ventilation, Less than 24 Consecutive Hours	Procedure	ICD-10-PCS
5A1945Z	Respiratory Ventilation, 24-96 Consecutive Hours	Procedure	ICD-10-PCS
5A1955Z	Respiratory Ventilation, Greater than 96 Consecutive Hours	Procedure	ICD-10-PCS
Critical COVID - Extracorporeal membrane oxygenation (ECMO)			
33946	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; initiation, veno-venous	Procedure	CPT-4

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS), and Revenue (RE) Codes Used to Define Critical COVID-19 in this Request

Code	Description	Category	Code Type
33947	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; initiation, veno-arterial	Procedure	CPT-4
33948	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; daily management, each day, veno-venous	Procedure	CPT-4
33949	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; daily management, each day, veno-arterial	Procedure	CPT-4
33951	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; insertion of peripheral (arterial and/or venous) cannula(e), percutaneous, birth through 5 years of age (includes fluoroscopic guidance, when performed)	Procedure	CPT-4
33952	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; insertion of peripheral (arterial and/or venous) cannula(e), percutaneous, 6 years and older (includes fluoroscopic guidance, when performed)	Procedure	CPT-4
33953	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; insertion of peripheral (arterial and/or venous) cannula(e), open, birth through 5 years of age	Procedure	CPT-4
33954	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; insertion of peripheral (arterial and/or venous) cannula(e), open, 6 years and older	Procedure	CPT-4
33955	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; insertion of central cannula(e) by sternotomy or thoracotomy, birth through 5 years of age	Procedure	CPT-4
33956	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; insertion of central cannula(e) by sternotomy or thoracotomy, 6 years and older	Procedure	CPT-4
33957	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; reposition peripheral (arterial and/or venous) cannula(e), percutaneous, birth through 5 years of age (includes fluoroscopic guidance, when performed)	Procedure	CPT-4
33958	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; reposition peripheral (arterial and/or venous) cannula(e), percutaneous, 6 years and older (includes fluoroscopic guidance, when performed)	Procedure	CPT-4
33959	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; reposition peripheral (arterial and/or venous) cannula(e), open, birth through 5 years of age (includes fluoroscopic guidance, when performed)	Procedure	CPT-4
33962	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; reposition peripheral (arterial and/or venous) cannula(e), open, 6 years and older (includes fluoroscopic guidance, when performed)	Procedure	CPT-4
33963	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; reposition of central cannula(e) by sternotomy or thoracotomy, birth through 5 years of age (includes fluoroscopic guidance, when performed)	Procedure	CPT-4
33964	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; reposition central cannula(e) by sternotomy or thoracotomy, 6 years and older (includes fluoroscopic guidance, when performed)	Procedure	CPT-4
33965	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; removal of peripheral (arterial and/or venous) cannula(e), percutaneous, birth through 5 years of age	Procedure	CPT-4

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS), and Revenue (RE) Codes Used to Define Critical COVID-19 in this Request

Code	Description	Category	Code Type
33966	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; removal of peripheral (arterial and/or venous) cannula(e), percutaneous, 6 years and older	Procedure	CPT-4
33969	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; removal of peripheral (arterial and/or venous) cannula(e), open, birth through 5 years of age	Procedure	CPT-4
33984	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; removal of peripheral (arterial and/or venous) cannula(e), open, 6 years and older	Procedure	CPT-4
33985	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; removal of central cannula(e) by sternotomy or thoracotomy, birth through 5 years of age	Procedure	CPT-4
33986	Extracorporeal membrane oxygenation (ECMO)/extracorporeal life support (ECLS) provided by physician; removal of central cannula(e) by sternotomy or thoracotomy, 6 years and older	Procedure	CPT-4
33987	Arterial exposure with creation of graft conduit (eg, chimney graft) to facilitate arterial perfusion for ECMO/ECLS (List separately in addition to code for primary procedure)	Procedure	CPT-4
33988	Insertion of left heart vent by thoracic incision (eg, sternotomy, thoracotomy) for ECMO/ECLS	Procedure	CPT-4
33989	Removal of left heart vent by thoracic incision (eg, sternotomy, thoracotomy) for ECMO/ECLS	Procedure	CPT-4
36822	Insertion of cannula(s) for prolonged extracorporeal circulation for cardiopulmonary insufficiency (ECMO) (separate procedure)	Procedure	CPT-4
5A15223	Extracorporeal Membrane Oxygenation, Continuous	Procedure	ICD-10-PCS
5A1522F	Extracorporeal Oxygenation, Membrane, Central	Procedure	ICD-10-PCS
5A1522G	Extracorporeal Oxygenation, Membrane, Peripheral Venous-arterial	Procedure	ICD-10-PCS
5A1522H	Extracorporeal Oxygenation, Membrane, Peripheral Venous-venous	Procedure	ICD-10-PCS
5A15A2F	Extracorporeal Oxygenation, Membrane, Central, Intraoperative	Procedure	ICD-10-PCS
5A15A2G	Extracorporeal Oxygenation, Membrane, Peripheral Venous-arterial, Intraoperative	Procedure	ICD-10-PCS
5A15A2H	Extracorporeal Oxygenation, Membrane, Peripheral Venous-venous, Intraoperative	Procedure	ICD-10-PCS
Critical COVID - Acute Renal Failure Diagnosis			
N17.0	ACUTE RENAL FAILURE WITH TUBULAR NECROSIS	Diagnosis	ICD-10-CM
N17.1	ACUTE KIDNEY FAILURE W/ ACUTE CORTICAL NECROSIS	Diagnosis	ICD-10-CM
N17.2	ACUTE KIDNEY FAILURE WITH MEDULLARY NECROSIS	Diagnosis	ICD-10-CM
N17.8	OTHER ACUTE KIDNEY FAILURE	Diagnosis	ICD-10-CM
N17.9	ACUTE KIDNEY FAILURE UNSPECIFIED	Diagnosis	ICD-10-CM
Z99.2	DEPENDENCE ON RENAL DIALYSIS	Diagnosis	ICD-10-CM
Critical COVID - Renal Replacement Therapy			
4052F	Hemodialysis via functioning arteriovenous (AV) fistula (ESRD)	Procedure	CPT-2
4053F	Hemodialysis via functioning arteriovenous (AV) graft (ESRD)	Procedure	CPT-2
4054F	Hemodialysis via catheter (ESRD)	Procedure	CPT-2
90935	Hemodialysis procedure with single evaluation by a physician or other qualified health care professional	Procedure	CPT-4
90937	Hemodialysis procedure requiring repeated evaluation(s) with or without substantial revision of dialysis prescription	Procedure	CPT-4
90941	Hemodialysis, For Acute Renal Failure And Or Intoxication,	Procedure	CPT-4

Appendix F. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Current Procedural Terminology, Third Edition (CPT-3), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS), and Revenue (RE) Codes Used to Define Critical COVID-19 in this Request

Code	Description	Category	Code Type
90942	Hemodialysis, For Acute Renal Failure And Or Intoxication,	Procedure	CPT-4
90943	Hemodialysis, For Acute Renal Failure And Or Intoxication,	Procedure	CPT-4
90944	Hemodialysis, For Acute Renal Failure And Or Intoxication,	Procedure	CPT-4
	Dialysis procedure other than hemodialysis (eg, peritoneal dialysis, hemofiltration, or other continuous renal replacement therapies), with single evaluation by a physician or other qualified health care professional		
90945		Procedure	CPT-4
	Dialysis procedure other than hemodialysis (eg, peritoneal dialysis, hemofiltration, or other continuous renal replacement therapies) requiring repeated evaluations by a physician or other qualified health care professional, with or without substantial revision of dialysis prescription		
90947		Procedure	CPT-4
90976	Peritoneal Dialysis For End-stage Renal Disease (esrd),	Procedure	CPT-4
90977	Peritoneal Dialysis For End-stage Renal Disease (esrd),	Procedure	CPT-4
90978	Peritoneal Dialysis For End-stage Renal Disease (esrd),	Procedure	CPT-4
90979	Peritoneal Dialysis For End-stage Renal Disease (esrd),	Procedure	CPT-4
90982	Peritoneal Dialysis For End-stage Renal Disease (esrd),	Procedure	CPT-4
90983	Peritoneal Dialysis For End-stage Renal Disease (esrd),	Procedure	CPT-4
90984	Peritoneal Dialysis For End-stage Renal Disease (esrd),	Procedure	CPT-4
90985	Peritoneal Dialysis For End-stage Renal Disease (esrd),	Procedure	CPT-4
90996	Continuous Arteriovenous Hemofiltration (cavh) (per Day)	Procedure	CPT-4
90999	Unlisted dialysis procedure, inpatient or outpatient	Procedure	CPT-4
G0491	Dialysis procedure at a Medicare certified ESRD facility for acute kidney injury without ESRD Dialysis procedure with single evaluation by a physician or other qualified health care professional for acute kidney injury without ESRD	Procedure	HCPCS
G0492	ESRD patient with documented dialysis dose of URR greater than or equal to 65% (or Kt/ V greater than or equal to 1.2)	Procedure	HCPCS
G8075		Procedure	HCPCS
G8076	ESRD patient with documented dialysis dose of URR less than 65% (or Kt/V less than 1.2)	Procedure	HCPCS
G8714	Hemodialysis treatment performed exactly 3 times per week > 90 days	Procedure	HCPCS
G8715	Hemodialysis treatment performed less than 3 times per week or greater than 3 times per week	Procedure	HCPCS
G8727	Patient receiving hemodialysis, peritoneal dialysis or kidney transplantation	Procedure	HCPCS

Appendix G. Logical Observation Identifiers Names and Codes (LOINC) Mapped to Nucleic Acid Amplification Tests (NAAT) for SARS-CoV-2 in the Rapid COVID-19 Sentinel Distributed Database (SDD)

LOINC	Description	Test type	Amplification type ¹
SARS-CoV-2			
94307-6	SARS-CoV-2 (COVID-19) N gene [Presence] in Unspecified specimen by Nucleic acid amplification using CDC primer-probe set N1	NAAT	PCR
94308-4	SARS-CoV-2 (COVID-19) N gene [Presence] in Unspecified specimen by Nucleic acid amplification using CDC primer-probe set N2	NAAT	PCR
94309-2	SARS-CoV-2 (COVID-19) RNA [Presence] in Unspecified specimen by NAA with probe detection	NAAT	PCR
94314-2	SARS-CoV-2 (COVID-19) RdRp gene [Presence] in Unspecified specimen by NAA with probe detection	NAAT	PCR
94316-7	SARS-CoV-2 (COVID-19) N gene [Presence] in Unspecified specimen by NAA with probe detection	NAAT	PCR
94500-6	SARS-CoV-2 (COVID-19) RNA [Presence] in Respiratory specimen by NAA with probe detection	NAAT	PCR
94533-7	SARS-CoV-2 (COVID-19) N gene [Presence] in Respiratory specimen by NAA with probe detection	NAAT	PCR
94534-5	SARS-CoV-2 (COVID-19) RdRp gene [Presence] in Respiratory specimen by NAA with probe detection	NAAT	PCR
94559-2	SARS-CoV-2 (COVID-19) ORF1ab region [Presence] in Respiratory specimen by NAA with probe detection	NAAT	PCR
94565-9	SARS-CoV-2 (COVID-19) RNA [Presence] in Nasopharynx by NAA with non-probe detection	NAAT	PCR
94639-2	SARS-CoV-2 (COVID-19) ORF1ab region [Presence] in Unspecified specimen by NAA with probe detection	NAAT	PCR
94640-0	SARS-CoV-2 (COVID-19) S gene [Presence] in Respiratory specimen by NAA with probe detection	NAAT	PCR
94641-8	SARS-CoV-2 (COVID-19) S gene [Presence] in Unspecified specimen by NAA with probe detection	NAAT	PCR
94660-8	SARS-CoV-2 (COVID-19) RNA [Presence] in Serum or Plasma by NAA with probe detection	NAAT	PCR
94756-4	SARS-CoV-2 (COVID-19) N gene [Presence] in Respiratory specimen by Nucleic acid amplification using CDC primer-probe set N1	NAAT	PCR
94757-2	SARS-CoV-2 (COVID-19) N gene [Presence] in Respiratory specimen by Nucleic acid amplification using CDC primer-probe set N2	NAAT	PCR
94759-8	SARS-CoV-2 (COVID-19) RNA [Presence] in Nasopharynx by NAA with probe detection	NAAT	PCR
94760-6	SARS-CoV-2 (COVID-19) N gene [Presence] in Nasopharynx by NAA with probe detection	NAAT	PCR
94766-3	SARS-CoV-2 (COVID-19) N gene [Presence] in Serum or Plasma by NAA with probe detection	NAAT	PCR
94767-1	SARS-CoV-2 (COVID-19) S gene [Presence] in Serum or Plasma by NAA with probe detection	NAAT	PCR
94845-5	SARS-CoV-2 (COVID-19) RNA [Presence] in Saliva (oral fluid) by NAA with probe detection	NAAT	PCR
95406-5	SARS-CoV-2 (COVID-19) RNA [Presence] in Nose by NAA with probe detection	NAAT	PCR
95409-9	SARS-CoV-2 (COVID-19) N gene [Presence] in Nose by NAA with probe detection	NAAT	PCR
95425-5	SARS-CoV-2 (COVID-19) N gene [Presence] in Saliva (oral fluid) by NAA with probe detection	NAAT	PCR
96448-6	SARS-CoV-2 (COVID-19) N gene [Presence] in Saliva (oral fluid) by Nucleic acid amplification using CDC primer-probe set N1	NAAT	PCR
95824-9	SARS-CoV-2 (COVID-19) ORF1ab region [Presence] in Saliva (oral fluid) by NAA with probe detection	NAAT	PCR
96120-1	SARS-CoV-2 (COVID-19) RdRp gene [Presence] in Lower respiratory specimen by NAA with probe detection	NAAT	PCR
96091-4	SARS-CoV-2 (COVID-19) RdRp gene [Presence] in Saliva (oral fluid) by NAA with probe detection	NAAT	PCR
96123-5	SARS-CoV-2 (COVID-19) RdRp gene [Presence] in Upper respiratory specimen by NAA with probe detection	NAAT	PCR
95608-6	SARS-CoV-2 (COVID-19) RNA [Presence] in Respiratory specimen by NAA with non-probe detection	NAAT	PCR
95423-0	Influenza virus A and B and SARS-CoV-2 (COVID-19) identified in Respiratory specimen by NAA with probe detection	NAAT	PCR
94822-4	SARS-CoV-2 (COVID-19) RNA [Presence] in Saliva (oral fluid) by Sequencing	NAAT	PCR
95424-8	SARS-CoV-2 (COVID-19) RNA [Presence] in Respiratory specimen by Sequencing	NAAT	PCR

Appendix G. Logical Observation Identifiers Names and Codes (LOINC) Mapped to Nucleic Acid Amplification Tests (NAAT) for SARS-CoV-2 in the Rapid COVID-19 Sentinel Distributed Database (SDD)

LOINC	Description	Test type	Amplification type ¹
95609-4	SARS-CoV-2 (COVID-19) S gene [Presence] in Respiratory specimen by Sequencing	NAAT	PCR
96765-3	SARS-CoV-2 (COVID-19) S gene [Presence] in Saliva (oral fluid) by NAA with probe detection	NAAT	PCR
96797-6	SARS-CoV-2 (COVID-19) RNA [Presence] in Oropharyngeal wash by NAA with probe detection	NAAT	PCR
96829-7	SARS-CoV-2 (COVID-19) RNA [Presence] in Specimen from Donor by NAA with probe detection	NAAT	PCR
	SARS-CoV-2 (COVID-19) M gene [Presence] in Upper respiratory specimen by NAA with probe detection	NAAT	PCR
96957-6			
	SARS-CoV-2 (COVID-19) N gene [Presence] in Saliva (oral fluid) by Nucleic acid amplification using CDC primer-probe set N2	NAAT	PCR
96958-4			
96986-5	SARS-CoV-2 (COVID-19) N gene [Presence] in Nose by NAA with non-probe detection	NAAT	PCR
	SARS-CoV-2 (COVID-19) Nsp2 gene [Presence] in Upper respiratory specimen by NAA with probe detection	NAAT	PCR
97098-8			
	SARS-CoV-2 (COVID-19) ORF1b region [Presence] in Respiratory specimen by NAA with probe detection	NAAT	PCR
98131-6			
	SARS-CoV-2 (COVID-19) ORF1a region [Presence] in Respiratory specimen by NAA with probe detection	NAAT	PCR
98132-4			
	SARS-CoV-2 (COVID-19) ORF1b region [Presence] in Saliva (oral fluid) by NAA with probe detection	NAAT	PCR
98493-0			
	SARS-CoV-2 (COVID-19) ORF1a region [Presence] in Saliva (oral fluid) by NAA with probe detection	NAAT	PCR
98494-8			

¹PCR = Polymerase chain reaction

Appendix H. Specifications for Request cder_mpl1r_wp205

The Center for Drug Evaluation and Research has requested execution of the Cohort Identification and Descriptive Analysis (CIDA) tool [11.2.3] to estimate proportions of COVID-19 positive testing, hospitalization, critical disease and mortality in the Rapid COVID-19 Sentinel Distributed Database (SDD).

Query period: April 1, 2020-March 31, 2021
Coverage requirement: Medical & Drug Coverage
Pre-index enrollment requirement: 183 days
Post-index enrollment requirement: None
Post-episode enrollment requirement for Type 2 analyses: None
Enrollment gap: 45 days
Age groups: 0-5, 6-11, 12-18, 19-29, 30-39, 40-49, 50-64, 65-74, 75+
Stratifications: Race, Hispanic, Census-Bureau region, Index Month-Year, and cross-stratifications
 Race Region
 Race Month-Year
 ^Region Month-Year
 ^Race Region Month-Year
Cross-stratifications: Hispanic Region
 Hispanic Month-Year
 ^Hispanic Region Month-Year
 (^ = non-standard stratification)
Envelope macro: 2: Turn off envelope. No reclassification.
Never-exposed cohort: No
Eligible Member Calculation: M: DENNUMPTS variable will be calculated. DENNUMMEMDAYS variable will NOT be calculated.

Scenario	Baseline characteristics group	Prevalence proportion (out of all eligible enrolled members)	Incidence proportion	Exposure							Event Outcome					
				Index Exposure/Event	Cohort definition	Incident exposure washout period	Incident w/ respect to:	Care setting	Principal diagnosis position	Point Exposure	Demographic Restriction	Censor enrollment at evidence of:	Event	Care setting	Principal diagnosis position	Event de-duplication
1	Testing	Testing	N/A	SARS-COV-2 test performed (result = positive, negative, undetermined, or borderline)	First valid episode during query period	None	None	Any care setting	Any	Y	None	*DP end date *Disenrollment *Death	None	N/A	N/A	N/A
2	--	--	COVID + out of testing	SARS-COV-2 test performed (result = positive, negative, undetermined, or borderline)	First valid episode during query period	None	None	Any care setting	Any	Y	None	*DP end date *Disenrollment *Occurrence of event outcome *Death	COVID-19 diagnosis (U07.1) or PCR test with positive SARS-CoV-2 lab result	Any care setting	Any	De-duplicate occurrences of the same event group on the same day
3	COVID +	COVID +	Hospitalized out of COVID +	COVID-19 diagnosis (U07.1) or PCR test with positive SARS-CoV-2 lab result	First valid episode during query period	None	None	Any care setting	Any	Y	None	*DP end date *Disenrollment *Occurrence of event outcome *Death	COVID-19 Diagnosis (U07.1)	Inpatient hospital stay	Any	De-duplicate occurrences of the same event group on the same day

Appendix H. Specifications for Request cder_mpl1r_wp205

Scenario	Baseline characteristics group	Prevalence proportion (out of all eligible enrolled members)	Incidence proportion	Exposure							Event Outcome					
				Index Exposure/Event	Cohort definition	Incident exposure washout period	Incident w/ respect to:	Care setting	Principal diagnosis position	Point Exposure	Demographic Restriction	Censor enrollment at evidence of:	Event	Care setting	Principal diagnosis position	Event de-duplication
7	Asian, COVID +	--	--	COVID-19 diagnosis (U07.1) or PCR test with positive SARS-CoV-2 lab result	First valid episode during query period	None	None	Any care setting	Any	Y	Race = Asian	*DP end date *Disenrollment *Occurrence of event outcome *Death	COVID-19 Diagnosis (U07.1)	Inpatient hospital stay	Any	De-duplicate occurrences of the same event group on the same day
8	Af. American, COVID +	--	--	COVID-19 diagnosis (U07.1) or PCR test with positive SARS-CoV-2 lab result	First valid episode during query period	None	None	Any care setting	Any	Y	Race = Black or African American	*DP end date *Disenrollment *Occurrence of event outcome *Death	COVID-19 Diagnosis (U07.1)	Inpatient hospital stay	Any	De-duplicate occurrences of the same event group on the same day
9	Nat. Haw./Pac Isl., COVID +	--	--	COVID-19 diagnosis (U07.1) or PCR test with positive SARS-CoV-2 lab result	First valid episode during query period	None	None	Any care setting	Any	Y	Race = Native Hawaiian or Other Pacific Islander	*DP end date *Disenrollment *Occurrence of event outcome *Death	COVID-19 Diagnosis (U07.1)	Inpatient hospital stay	Any	De-duplicate occurrences of the same event group on the same day
10	White, COVID +	--	--	COVID-19 diagnosis (U07.1) or PCR test with positive SARS-CoV-2 lab result	First valid episode during query period	None	None	Any care setting	Any	Y	Race = White	*DP end date *Disenrollment *Occurrence of event outcome *Death	COVID-19 Diagnosis (U07.1)	Inpatient hospital stay	Any	De-duplicate occurrences of the same event group on the same day
11	--	--	Critical infection out of COVID +	COVID-19 diagnosis (U07.1) or PCR test with positive SARS-CoV-2 lab result	First valid episode during query period	None	None	Any care setting	Any	Y	None	*DP end date *Disenrollment *Occurrence of event outcome *Death	U07.1 inpatient AND (ICU or ECMO or mech. vent or (rrt dx + rrt px)) COMBO	Inpatient hospital stay	Any	De-duplicate occurrences of the same event group on the same day
12	Hospitalized	Hospitalized	Critical infection out of hospitalized	COVID-19 diagnosis (U07.1)	First valid episode during query period	None	None	Inpatient Hospital Stay	Any	Y	None	*DP end date *Disenrollment *Occurrence of event outcome *Death	U07.1 inpatient AND ICU or ECMO or mech. vent or (rrt dx + rrt px) COMBO	Inpatient hospital stay	Any	De-duplicate occurrences of the same event group on the same day
13	Race unknown, hospitalized	--	--	COVID-19 diagnosis (U07.1)	First valid episode during query period	None	None	Inpatient Hospital Stay	Any	Y	Race = unknown	*DP end date *Disenrollment *Occurrence of event outcome *Death	U07.1 inpatient AND ICU or ECMO or mech. vent or (rrt dx + rrt px) COMBO	Inpatient hospital stay	Any	De-duplicate occurrences of the same event group on the same day

Appendix H. Specifications for Request cder_mpl1r_wp205

Scenario	Baseline characteristics group	Prevalence proportion (out of all eligible enrolled members)	Incidence proportion	Exposure							Event Outcome					
				Index Exposure/Event	Cohort definition	Incident exposure washout period	Incident w/ respect to:	Care setting	Principal diagnosis position	Point Exposure	Demographic Restriction	Censor enrollment at evidence of:	Event	Care setting	Principal diagnosis position	Event de-duplication
17	Af. American, hospitalized	--	--	COVID-19 diagnosis (U07.1)	First valid episode during query period	None	None	Inpatient Hospital Stay	Any	Y	Race = Black or African American	*DP end date *Disenrollment *Occurrence of event outcome *Death	U07.1 inpatient AND ICU or ECMO or mech. vent or (rrt dx + rrt px) COMBO	Inpatient hospital stay	Any	De-duplicate occurrences of the same event group on the same day
18	Nat. Haw./Pac Isl., hospitalized	--	--	COVID-19 diagnosis (U07.1)	First valid episode during query period	None	None	Inpatient Hospital Stay	Any	Y	Race = Native Hawaiian or Other Pacific Islander	*DP end date *Disenrollment *Occurrence of event outcome *Death	U07.1 inpatient AND ICU or ECMO or mech. vent or (rrt dx + rrt px) COMBO	Inpatient hospital stay	Any	De-duplicate occurrences of the same event group on the same day
19	White, hospitalized	--	--	COVID-19 diagnosis (U07.1)	First valid episode during query period	None	None	Inpatient Hospital Stay	Any	Y	Race = White	*DP end date *Disenrollment *Occurrence of event outcome *Death	U07.1 inpatient AND ICU or ECMO or mech. vent or (rrt dx + rrt px) COMBO	Inpatient hospital stay	Any	De-duplicate occurrences of the same event group on the same day
20	Critical infection	Critical infection	--	U07.1 inpatient AND (ICU or ECMO or mech. vent or (rrt dx + rrt px)) COMBO	First valid episode during query period	None	None	Inpatient Hospital Stay	Any	Y	None	*DP end date *Disenrollment *Death	None	N/A	N/A	N/A
21	Race unknown, Critical infection	--	--	U07.1 inpatient AND (ICU or ECMO or mech. vent or (rrt dx + rrt px)) COMBO	First valid episode during query period	None	None	Inpatient Hospital Stay	Any	Y	Race = unknown	*DP end date *Disenrollment *Death	None	N/A	N/A	N/A
22	Race known, critical infection	--	--	U07.1 inpatient AND (ICU or ECMO or mech. vent or (rrt dx + rrt px)) COMBO	First valid episode during query period	None	None	Inpatient Hospital Stay	Any	Y	Race = AIAN or Asian or Black or NHOPi or White	*DP end date *Disenrollment *Death	None	N/A	N/A	N/A

Appendix H. Specifications for Request cder_mpl1r_wp205

Scenario	Baseline characteristics group	Prevalence proportion (out of all eligible enrolled members)	Incidence proportion	Exposure							Event Outcome					
				Index Exposure/Event	Cohort definition	Incident exposure washout period	Incident w/ respect to:	Care setting	Principal diagnosis position	Point Exposure	Demographic Restriction	Censor enrollment at evidence of:	Event	Care setting	Principal diagnosis position	Event de-duplication
26	Nat. Haw./Pac Isl., Critical infection	--	--	U07.1 inpatient AND (ICU or ECMO or mech. vent or (rrt dx + rrt px)) COMBO	First valid episode during query period	None	None	Inpatient Hospital Stay	Any	Y	Race = Native Hawaiian or Other Pacific Islander	*DP end date *Disenrollment *Death	None	N/A	N/A	N/A
27	White, Critical infection	--	--	U07.1 inpatient AND (ICU or ECMO or mech. vent or (rrt dx + rrt px)) COMBO	First valid episode during query period	None	None	Inpatient Hospital Stay	Any	Y	Race = White	*DP end date *Disenrollment *Death	None	N/A	N/A	N/A
28	--	--	Died out of COVID +	COVID-19 diagnosis (U07.1) or PCR test with positive SARS-CoV-2 lab result	First valid episode during query period	None	None	Any care setting	Any	Y	None	*DP end date *Disenrollment *Death	All-cause Mortality (via Censoring table)	N/A	N/A	N/A
29	--	--	Died out of hospitalized	COVID-19 diagnosis (U07.1)	First valid episode during query period	None	None	Inpatient Hospital Stay	Any	Y	None	*DP end date *Disenrollment *Death	All-cause Mortality (via Censoring table)	N/A	N/A	N/A

ICD-9, ICD-10, HCPCS, and CPT codes are provided by Optum360.

NDC codes are checked against First Data Bank's FDB MedKnowledge®.

^ Non-standard stratification. See strata tab for effect on data output.

Appendix I. Baseline Characteristics for This Request

Covariate	Care setting	Principal diagnosis position	Evaluation period start	Evaluation period end	Number of instances the covariate should be found in evaluation period
Recorded History Of Prior to Index Event (-183, -1):					
Asthma	Any care setting	Any	-183	-1	1
Any Cancer	Any care setting	Any	-183	-1	1
Chronic Obstructive Pulmonary Disease (COPD)	Any care setting	Any	-183	-1	1
Obesity	Any care setting	Any	-183	-1	1
Chronic Kidney Disease	Any care setting	Any	-183	-1	1
Diabetes Mellitus	Any care setting	Any	-183	-1	1
Hypertension	Any care setting	Any	-183	-1	1
Liver Disease	Any care setting	Any	-183	-1	1
Vascular Disease	Any care setting	Any	-183	-1	1
Congestive Heart Failure	Any care setting	Any	-183	-1	1
Coronary Artery Disease	Any care setting	Any	-183	-1	1
Solid Organ Transplant	Any care setting	Any	-183	-1	1
Blood Stem Cell Transplant	Any care setting	Any	-183	-1	1
HIV	Any care setting	Any	-183	-1	1
Smoking	Any care setting	Any	-183	-1	1
Alcohol Use/Abuse	Any care setting	Any	-183	-1	1
Neurologic Conditions	Any care setting	Any	-183	-1	1
Sickle Cell Disease	Any care setting	Any	-183	-1	1
Drug Abuse/Dependence	Any care setting	Any	-183	-1	1
Pulmonary Conditions (including ARDS, Acute Resp Failure, Pneumonia, Chronic Resp Failure)	Any care setting	Any	-183	-1	1
Cystic Fibrosis	Any care setting	Any	-183	-1	1
Interstitial Lung Disease	Any care setting	Any	-183	-1	1
Adult BMI: 19.9 or less (Z68.1)	Any care setting	Any	-183	-1	1
Adult BMI: 20-29 (Z68.2)	Any care setting	Any	-183	-1	1
Adult BMI: 30-39 (Z68.3)	Any care setting	Any	-183	-1	1
Adult BMI: 40 or greater (Z68.4)	Any care setting	Any	-183	-1	1
Recorded Use Of Prior to Index Event (-183, -1):					
Immunosuppressants	Any care setting	Any	-183	-1	
Immune Modulators	Any care setting	Any	-183	-1	
Glucocorticoids - Systemic	Any care setting	Any	-183	-1	
Glucocorticoids - Non-systemic (includes inhaled, ophthalmic, topical)	Any care setting	Any	-183	-1	
Glucocorticoids - Inhaled	Any care setting	Any	-183	-1	
Glucocorticoids - Ophthalmic	Any care setting	Any	-183	-1	
Glucocorticoids - Topical	Any care setting	Any	-183	-1	
Chemotherapy	Any care setting	Any	-183	-1	
Concurrent Use Of (-30, 0):					
Angiotensin Converting Enzyme (ACE) Inhibitors	Any care setting	Any	-30	0	
Angiotensin II Receptor Blockers (ARBs)	Any care setting	Any	-30	0	
Vasopressors	Any care setting	Any	-30	0	
Comorbidity (-183,-1):					
Charlson Co-Morbidity Index	N/A	N/A	-183	-1	N/A
Symptoms (-1,14):					
Fever	Any care setting	Any	-1	14	1
Cough	Any care setting	Any	-1	14	1
Dyspnea/shortness of breath	Any care setting	Any	-1	14	1
Diarrhea	Any care setting	Any	-1	14	1
Myalgia	Any care setting	Any	-1	14	1
Malaise/Fatigue	Any care setting	Any	-1	14	1
Smell/Taste Disturbance	Any care setting	Any	-1	14	1
Nasal congestion	Any care setting	Any	-1	14	1
Sore throat	Any care setting	Any	-1	14	1
Nausea or vomiting	Any care setting	Any	-1	14	1
Headache	Any care setting	Any	-1	14	1
Multi-system Inflammatory Syndrome	Any care setting	Any	-1	14	1
Index Criteria					
COVID Positive Diagnosis (by U07.1 code)	Any care setting	N/A	-7	7	1
Inpatient Hospitalization	Inpatient	N/A	-7	7	1
COVID Positive Diagnosis (by U07.1 code) AND inpatient	Inpatient	N/A	-7	7	1
Intensive Care Unit (ICU)	Inpatient	N/A	0	0	1
ECMO	Inpatient	N/A	0	0	1
Mechanical Ventilation	Inpatient	N/A	0	0	1
Renal Replacement Combo	Inpatient	N/A	0	0	1

Appendix J. Design Diagram for Proportion of COVID-Positive Patients Who are Hospitalized

