

## Disclaimer

The following report(s) provides findings from an FDA-initiated query using Sentinel. While Sentinel queries may be undertaken to assess potential medical product safety risks, they may also be initiated for various other reasons. Some examples include determining a rate or count of an identified health outcome of interest, examining medical product use, exploring the feasibility of future, more detailed analyses within Sentinel, and seeking to better understand Sentinel capabilities.

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\_wp208

**Request ID:** cder\_mpl1r\_wp208\_nsdv\_v01

**Request Description:** In this report, we counted and described individuals in the Sentinel Distributed Database (SDD) with various glomerular diseases defined using various codelists and algorithms. The glomerular diseases we examined were focal segmental glomerulosclerosis, membranous nephropathy, minimal change disease, membranoproliferative glomerulonephritis, crescentic/necrotizing glomerulonephritis, lupus nephritis, diabetic nephropathy, and nephrotic syndrome.

**Sentinel Routine Querying Module:** Cohort Identification and Descriptive Analysis (CIDA) module, version 10.2.1.

**Data Source:** We distributed this query to seven Sentinel Data Partners on September 10, 2021. The study period included data from October 1, 2016 to May 10, 2021. Please see Appendix A for a list of dates of available data for each Data Partner.

**Study Design:** We identified individuals of all ages with prevalent or incident glomerular diseases. This was a Type 1 analysis in the Query Request Package (QRP).

**Events of Interest:** We defined occurrence of the event of interest, glomerular disease, using a combination of unique code lists and algorithms. Two code lists - original and expanded - comprised International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) diagnosis codes, sometimes in combination with Current Procedural Technology, Fourth Edition (CPT-4) procedure codes for biopsy were used for focal segmental glomerulosclerosis, membranous nephropathy and minimal change disease. Only one code list was used for membranoproliferative glomerulonephritis, crescentic/necrotizing glomerulonephritis, lupus nephritis, diabetic nephropathy, and nephrotic syndrome. Please see Appendix B for the specific codes used in the original and expanded codelists.

We applied one of five algorithms to each codelist to define the occurrence of each glomerular disease, resulting in a total of six definitions (two codelists used in each of three algorithms) for each of focal segmental glomerulosclerosis, membranous nephropathy, and minimal change disease, and three definitions for each of membranoproliferative glomerulonephritis, crescentic/necrotizing glomerulonephritis, lupus nephritis, diabetic nephropathy, and nephrotic syndrome. Algorithms ranged in their expected specificity and sensitivity and included:

- A) One diagnosis code (in the inpatient, institutional, or ambulatory care setting);
- B) Two diagnosis codes (in the inpatient, institutional, or ambulatory care setting) with the second code occurring one to 183 days after the first code OR a renal biopsy followed by a diagnosis code in any care setting within 60 days;
- C) Two diagnosis codes (in the inpatient, institutional, or ambulatory care setting) with the second code occurring one to 365 days after the first code OR a renal biopsy followed by a diagnosis code in any care setting within 60 days;
- D) One diagnosis code in the inpatient or institutional stay setting OR two diagnosis codes in the ambulatory care setting with the second code occurring one to 183 days after the first code; and
- E) One diagnosis code in the inpatient or institutional stay setting OR two diagnosis codes in the ambulatory care setting with the second code occurring one to 365 days after the first code.

Whenever two codes were required, the qualifying (index) date was the second occurrence of the code. Thus, we present estimates of the occurrence of each of focal segmental glomerulosclerosis, membranous nephropathy, and minimal change disease using six definitions, including: Algorithm A with the expanded codelist; Algorithm A with the original codelist; Algorithm B with the expanded codelist; Algorithm B with the original codelist; Algorithm C with the expanded codelist; and Algorithm C with the original codelist. We present estimates of the occurrence of each of membranoproliferative glomerulonephritis, crescentic/necrotizing glomerulonephritis, lupus nephritis, and diabetic nephropathy using three definitions, including: Algorithm A, Algorithm B, and Algorithm C. We present estimates of the occurrence of nephrotic syndrome using three definitions: Algorithm A, Algorithm D, and Algorithm E.

### Overview for Request: cder\_mpl1r\_wp208

After defining the index date, we designed two cohort schemes. In the first, individuals with each specific glomerular disease could not re-enter the cohort after the index date; data from this scheme are presented in Tables 1 (baseline characteristics), 2 (overall patient counts), and 4 (patient counts stratified by sex). In the second scheme, we allowed individuals with each glomerular disease to contribute all valid index dates and allowed cohort re-entry; data from this scheme are presented in Tables 3 (patient counts stratified by year), 5 (patient counts stratified by age group), 6 (patient counts cross-stratified by sex and age group), 7 (patient counts cross-stratified by age group and year), and 8 (patient counts triple-stratified by sex, age group, and year). Thus, while true disease prevalence was not calculated in this report, patients were counted in each stratification group in which they had evidence of the disease according to our event definitions.

**Cohort Eligibility Criteria:** Different event definitions had different cohort eligibility criteria. The cohorts that required only one diagnosis code had no pre-event enrollment criteria. In event definitions where two codes were required, we required members to be enrolled in health plans with medical coverage for at least 183 days (for cohorts with a second code on days 1-183) or for at least 365 days (for cohorts with a second code on days 1-365) prior to their index glomerular disease, during which gaps in coverage of up to 45 days were allowed and treated as continuous enrollment (baseline period). The following age groups were included in each cohort: 0-19, 20-29, 30-39, 40-49, 50-59, 60-69, and 70+ years.

**Baseline Characteristics:** We assessed the following characteristics in the 183 days prior to and including the index date of glomerular disease diagnosis: age, sex, race, Hispanic origin, year, Census Bureau region, Charlson/Elixhauser combined comorbidity score<sup>1</sup>, health service and drug utilization, diabetes, systemic lupus erythematosus, cancer, chronic kidney disease, acute kidney failure, and systemic immunologic diseases. We identified these characteristics by presence of a diagnosis code in any care setting using ICD-10-CM diagnosis codes. Please see Appendix C for a list of codes used to define baseline characteristics in this request.

**Limitations:** The prevalence estimates in this report do not represent true disease prevalence for several reasons. First, because dedicated codes for several glomerular disease subtypes do not exist in the ICD coding system, disease definitions in this report are imperfect proxies for the diseases of interest. Variations in coding practice may have a profound influence on the prevalence estimates. Second, the algorithms used have not been validated. This is important because it is possible that the highly specific ICD codes only appear among patients receiving specialized care, whereas patients with mild diseases or in remission may only have codes for chronic kidney disease. Finally, because these codes have only been available for five years, the data is insufficient to determine the lifetime disease prevalence. Therefore, data should be interpreted with these limitations in mind.

**Notes:** Please contact the Sentinel Operations Center ([info@sentinelssystem.org](mailto:info@sentinelssystem.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.sentinelssystem.org/projects/SENTINEL/repos/sentinel-routine-querying-tool-documentation/browse>).

<sup>1</sup>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

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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 for Patients with Focal Segmental Glomerulosclerosis in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using Two Diagnoses or a Biopsy Followed by a Diagnosis from the Original Codelist, 183 Days of Pre-Diagnosis Enrollment Required**

<b>Characteristic<sup>1</sup></b>	<b>Number</b>	<b>Percent</b>
Number of unique patients	16,843	
<b>Demographics</b>		
Mean Age (Years)	57.3	17.2
Age (Years)	<b>Number</b>	<b>Percent</b>
0-19	573	3.4%
20-29	1,083	6.4%
30-39	1,673	9.9%
40-49	2,068	12.3%
50-59	2,687	16.00%
60-69	4,018	23.9%
70+	4,741	28.1%
Sex		
Female	7,181	42.6%
Male	9,662	57.4%
Race <sup>2</sup>		
Unknown	5,609	33.3%
American Indian or Alaska Native	103	0.6%
Asian	418	2.5%
Black or African American	3,313	19.7%
Native Hawaiian or Other Pacific Islander	17	0.1%
White	7,383	43.8%
Hispanic Origin	652	3.9%
Year		
2016	2,144	12.7%
2017	3,638	21.6%
2018	3,559	21.1%
2019	4,004	23.8%
2020	3,473	20.6%
2021	25	0.1%
Region		
Northeast	2,605	15.5%
Midwest	3,404	20.2%
South	7,566	44.9%
West	3,195	19.0%
Other	73	0.4%
<b>Health Characteristics Assessed in Prior 183 Days</b>		
Charlson/Elixhauser Combined Comorbidity Score <sup>3</sup>	4.4	3
	<b>Number</b>	<b>Percent</b>
Diabetes	6,335	37.6%
Systemic lupus erythematosus	580	3.4%
Cancer	2,016	12.0%
Hypertension	15,520	92.1%
Chronic kidney disease	16,843	100.0%
Acute kidney injury	6,353	37.7%
Systemic immunologic diseases	2,642	15.7%



**Table 1a. Aggregated Baseline Characteristics for Patients with Focal Segmental Glomerulosclerosis in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using Two Diagnoses or a Biopsy Followed by a Diagnosis from the Original Codelist, 183 Days of Pre-Diagnosis Enrollment Required**

<b>Health Service Utilization Assessed in Prior 183 Days</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean number of ambulatory encounters	30.2	36.3
Mean number of emergency room encounters	0.7	1.6
Mean number of inpatient hospital encounters	0.7	1.1
Mean number of non-acute institutional encounters	0.1	0.4
Mean number of other ambulatory encounters	8.4	12.3

<sup>1</sup>All 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

<sup>2</sup> Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete

<sup>3</sup>The Charlson/Elixhauser Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date (index date).

**Table 1b. Aggregated Baseline Characteristics for Patients with Focal Segmental Glomerulosclerosis in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using Two Diagnoses or a Biopsy Followed by a Diagnosis from the Expanded Codelist, 183 Days of Pre-Diagnosis Enrollment Required**

<b>Characteristic<sup>1</sup></b>	<b>Number</b>	<b>Percent</b>
Number of unique patients	35,670	
<b>Demographics</b>		
Mean Age (Years)	56.7	17
<b>Demographics</b>		
	<b>Number</b>	<b>Percent</b>
Age (Years)		
0-19	1,122	3.1%
20-29	2,315	6.5%
30-39	3,739	10.5%
40-49	4,742	13.3%
50-59	5,896	16.5%
60-69	8,580	24.1%
70+	9,276	26.0%
Sex		
Female	15,197	42.6%
Male	20,473	57.4%
Race <sup>2</sup>		
Unknown	11,812	33.1%
American Indian or Alaska Native	207	0.6%
Asian	934	2.6%
Black or African American	7,138	20.0%
Native Hawaiian or Other Pacific Islander	45	0.1%
White	15,534	43.5%
Hispanic Origin	1,340	3.8%
Year		
2016	5,359	15.0%
2017	8,788	24.6%
2018	7,534	21.1%
2019	7,667	21.5%
2020	6,263	17.6%
2021	59	0.2%
Region		
Northeast	5,957	16.7%
Midwest	8,082	22.7%
South	14,797	41.5%
West	6,711	18.8%
Other	123	0.3%
<b>Health Characteristics Assessed in Prior 183 Days</b>		
Charlson/Elixhauser Combined Comorbidity Score <sup>3</sup>	4.3	2.9
<b>Health Characteristics Assessed in Prior 183 Days</b>		
	<b>Number</b>	<b>Percent</b>
Diabetes	13,106	36.7%
Systemic lupus erythematosus	1,248	3.5%
Cancer	4,092	11.5%
Hypertension	32,530	91.2%
Chronic kidney disease	35,630	99.9%
Acute kidney injury	12,293	34.5%
Systemic immunologic diseases	5,612	15.7%

**Table 1b. Aggregated Baseline Characteristics for Patients with Focal Segmental Glomerulosclerosis in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using Two Diagnoses or a Biopsy Followed by a Diagnosis from the Expanded Codelist, 183 Days of Pre-Diagnosis Enrollment Required**

<b>Health Service Utilization Assessed in Prior 183 Days</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean number of ambulatory encounters	31.2	37.4
Mean number of emergency room encounters	0.6	1.6
Mean number of inpatient hospital encounters	0.7	1.1
Mean number of non-acute institutional encounters	0.1	0.3
Mean number of other ambulatory encounters	8.1	12

<sup>1</sup>All 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

<sup>2</sup> Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete

<sup>3</sup>The Charlson/Elixhauser Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date (index date).

**Table 1c. Aggregated Baseline Characteristics for Patients with Focal Segmental Glomerulosclerosis in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using Two Diagnoses or a Biopsy Followed by a Diagnosis from the Original Codelist, 365 Days of Pre-Diagnosis Enrollment Required**

<b>Characteristic<sup>1</sup></b>	<b>Number</b>	<b>Percent</b>
Number of unique patients	16,340	
<b>Demographics</b>		
Mean Age (Years)	57.7	17.1
Age (Years)	<b>Number</b>	<b>Percent</b>
0-19	532	3.3%
20-29	988	6.0%
30-39	1,588	9.7%
40-49	1,981	12.1%
50-59	2,600	15.9%
60-69	3,831	23.4%
70+	4,820	29.5%
Sex		
Female	6,976	42.7%
Male	9,364	57.3%
Race <sup>2</sup>		
Unknown	5,242	32.1%
American Indian or Alaska Native	103	0.6%
Asian	405	2.5%
Black or African American	3,237	19.8%
Native Hawaiian or Other Pacific Islander	17	0.1%
White	7,336	44.9%
Hispanic Origin	629	3.8%
Year		
2016	2,112	12.9%
2017	3,603	22.1%
2018	3,385	20.7%
2019	3,778	23.1%
2020	3,425	21.0%
2021	37	0.2%
Region		
Northeast	2,533	15.5%
Midwest	3,311	20.3%
South	7,354	45.0%
West	3,071	18.8%
Other	71	0.4%
<b>Health Characteristics Assessed in Prior 183 Days</b>		
Charlson/Elixhauser Combined Comorbidity Score <sup>3</sup>	4.4	3
	<b>Number</b>	<b>Percent</b>
Diabetes	6,152	37.6%
Systemic lupus erythematosus	554	3.4%
Cancer	1,977	12.1%
Hypertension	15,005	91.8%
Chronic kidney disease	16,340	100.0%
Acute kidney injury	5,964	36.5%
Systemic immunologic diseases	2,535	15.5%

**Table 1c. Aggregated Baseline Characteristics for Patients with Focal Segmental Glomerulosclerosis in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using Two Diagnoses or a Biopsy Followed by a Diagnosis from the Original Codelist, 365 Days of Pre-Diagnosis Enrollment Required**

<b>Health Service Utilization Assessed in Prior 183 Days</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean number of ambulatory encounters	30.2	36.7
Mean number of emergency room encounters	0.6	1.6
Mean number of inpatient hospital encounters	0.7	1.1
Mean number of non-acute institutional encounters	0.1	0.4
Mean number of other ambulatory encounters	8.4	12.3

<sup>1</sup>All 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

<sup>2</sup>Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete

<sup>3</sup>The Charlson/Elixhauser Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date (index date).

**Table 1d. Aggregated Baseline Characteristics for Patients with Focal Segmental Glomerulosclerosis in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using Two Diagnoses or a Biopsy Followed by a Diagnosis from the Expanded Codelist, 365 Days of Pre-Diagnosis Enrollment Required**

<b>Characteristic<sup>1</sup></b>	<b>Number</b>	<b>Percent</b>
Number of unique patients	34,600	
<b>Demographics</b>		
Mean Age (Years)	57.2	16.9
Age (Years)	<b>Number</b>	<b>Percent</b>
0-19	1,025	3.0%
20-29	2,102	6.1%
30-39	3,545	10.2%
40-49	4,586	13.3%
50-59	5,697	16.5%
60-69	8,235	23.8%
70+	9,410	27.2%
Sex		
Female	14,690	42.5%
Male	19,910	57.5%
Race <sup>2</sup>		
Unknown	11,001	31.8%
American Indian or Alaska Native	203	0.6%
Asian	893	2.6%
Black or African American	6,982	20.2%
Native Hawaiian or Other Pacific Islander	42	0.1%
White	15,479	44.7%
Hispanic Origin	1,314	3.8%
Year		
2016	5,363	15.5%
2017	8,729	25.2%
2018	7,115	20.6%
2019	7,255	21.0%
2020	6,064	17.5%
2021	74	0.2%
Region		
Northeast	5,823	16.8%
Midwest	7,771	22.5%
South	14,414	41.7%
West	6,474	18.7%
Other	118	0.3%
<b>Health Characteristics Assessed in Prior 183 Days</b>		
Charlson/Elixhauser Combined Comorbidity Score <sup>3</sup>	4.3	2.9
	<b>Number</b>	<b>Percent</b>
Diabetes	12,788	37.0%
Systemic lupus erythematosus	1,209	3.5%
Cancer	4,002	11.6%
Hypertension	31,413	90.8%
Chronic kidney disease	34,556	99.9%
Acute kidney injury	11,511	33.3%
Systemic immunologic diseases	5,418	15.7%

**Table 1d. Aggregated Baseline Characteristics for Patients with Focal Segmental Glomerulosclerosis in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using Two Diagnoses or a Biopsy Followed by a Diagnosis from the Expanded Codelist, 365 Days of Pre-Diagnosis Enrollment Required**

<b>Health Service Utilization Assessed in Prior 183 Days</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean number of ambulatory encounters	31.3	37.9
Mean number of emergency room encounters	0.6	1.6
Mean number of inpatient hospital encounters	0.6	1.1
Mean number of non-acute institutional encounters	0.1	0.3
Mean number of other ambulatory encounters	8	12

<sup>1</sup>All 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

<sup>2</sup>Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete

<sup>3</sup>The Charlson/Elixhauser Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date (index date).



**Table 1e. Aggregated Baseline Characteristics for Patients with Membranous Nephropathy in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using Two Diagnoses or a Biopsy Followed by a Diagnosis from the Original Codelist, 183 Days of Pre-Diagnosis Enrollment Required**

<b>Characteristic<sup>1</sup></b>	<b>Number</b>	<b>Percent</b>
Number of unique patients	8,260	
<b>Demographics</b>		
Mean Age (Years)	62.8	13.9
Age (Years)	<b>Number</b>	<b>Percent</b>
0-19	112	1.4%
20-29	275	3.3%
30-39	456	5.5%
40-49	760	9.2%
50-59	1,248	15.1%
60-69	2,390	28.9%
70+	3,019	36.5%
Sex		
Female	3,396	41.1%
Male	4,864	58.9%
Race <sup>2</sup>		
Unknown	2,737	33.1%
American Indian or Alaska Native	39	0.5%
Asian	161	1.9%
Black or African American	1,000	12.1%
Native Hawaiian or Other Pacific Islander	18	0.2%
White	4,305	52.1%
Hispanic Origin	235	2.8%
Year		
2016	1,496	18.1%
2017	2,160	26.2%
2018	1,712	20.7%
2019	1,534	18.6%
2020	1,339	16.2%
2021	19	0.2%
Region		
Northeast	1,594	19.3%
Midwest	1,655	20.0%
South	3,498	42.3%
West	1,484	18.0%
Other	29	0.4%
<b>Health Characteristics Assessed in Prior 183 Days</b>		
Charlson/Elixhauser Combined Comorbidity Score <sup>3</sup>	3.9	3.1
	<b>Number</b>	<b>Percent</b>
Diabetes	2,580	31.2%
Systemic lupus erythematosus	659	8.0%
Cancer	1,125	13.6%
Hypertension	7,264	87.9%
Chronic kidney disease	8,260	100.0%
Acute kidney injury	2,523	30.5%
Systemic immunologic diseases	1,541	18.7%

**Table 1e. Aggregated Baseline Characteristics for Patients with Membranous Nephropathy in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using Two Diagnoses or a Biopsy Followed by a Diagnosis from the Original Codelist, 183 Days of Pre-Diagnosis Enrollment Required**

<b>Health Service Utilization Assessed in Prior 183 Days</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean number of ambulatory encounters	19.8	23.1
Mean number of emergency room encounters	0.6	1.3
Mean number of inpatient hospital encounters	0.5	1
Mean number of non-acute institutional encounters	0.1	0.3
Mean number of other ambulatory encounters	6.3	10.2

<sup>1</sup>All 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

<sup>2</sup>Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete

<sup>3</sup>The Charlson/Elixhauser Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date (index date).

**Table 1f. Aggregated Baseline Characteristics for Patients with Membranous Nephropathy in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using Two Diagnoses or a Biopsy Followed by a Diagnosis from the Expanded Codelist, 183 Days of Pre-Diagnosis Enrollment Required**

<b>Characteristic<sup>1</sup></b>	<b>Number</b>	<b>Percent</b>
Number of unique patients	27,982	
<b>Demographics</b>		
Mean Age (Years)	61.5	14.9
<b>Demographics</b>		
	<b>Number</b>	<b>Percent</b>
Age (Years)		
0-19	472	1.7%
20-29	1,034	3.7%
30-39	1,905	6.8%
40-49	2,928	10.5%
50-59	4,301	15.4%
60-69	7,931	28.3%
70+	9,411	33.6%
Sex		
Female	12,150	43.4%
Male	15,832	56.6%
Race <sup>2</sup>		
Unknown	9,395	33.6%
American Indian or Alaska Native	140	0.5%
Asian	700	2.5%
Black or African American	3,635	13.0%
Native Hawaiian or Other Pacific Islander	58	0.2%
White	14,054	50.2%
Hispanic Origin	928	3.3%
Year		
2016	6,559	23.4%
2017	7,588	27.1%
2018	5,428	19.4%
2019	4,683	16.7%
2020	3,680	13.2%
2021	44	0.2%
Region		
Northeast	4,758	17.0%
Midwest	6,207	22.2%
South	11,338	40.5%
West	5,578	19.9%
Other	101	0.4%
<b>Health Characteristics Assessed in Prior 183 Days</b>		
Charlson/Elixhauser Combined Comorbidity Score <sup>3</sup>	3.9	2.9
<b>Health Characteristics Assessed in Prior 183 Days</b>		
	<b>Number</b>	<b>Percent</b>
Diabetes	8,553	30.6%
Systemic lupus erythematosus	2,346	8.4%
Cancer	3,498	12.5%
Hypertension	24,110	86.2%
Chronic kidney disease	27,929	99.8%
Acute kidney injury	7,392	26.4%
Systemic immunologic diseases	5,561	19.9%

**Table 1f. Aggregated Baseline Characteristics for Patients with Membranous Nephropathy in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using Two Diagnoses or a Biopsy Followed by a Diagnosis from the Expanded Codelist, 183 Days of Pre-Diagnosis Enrollment Required**

<b>Health Service Utilization Assessed in Prior 183 Days</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean number of ambulatory encounters	22.7	29.3
Mean number of emergency room encounters	0.5	1.3
Mean number of inpatient hospital encounters	0.5	1
Mean number of non-acute institutional encounters	0.1	0.3
Mean number of other ambulatory encounters	6.5	10.8

<sup>1</sup>All 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

<sup>2</sup>Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete

<sup>3</sup>The Charlson/Elixhauser Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date (index date).

**Table 1g. Aggregated Baseline Characteristics for Patients with Membranous Nephropathy in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using Two Diagnoses or a Biopsy Followed by a Diagnosis from the Original Codelist, 365 Days of Pre-Diagnosis Enrollment Required**

<b>Characteristic<sup>1</sup></b>	<b>Number</b>	<b>Percent</b>
Number of unique patients	8,014	
<b>Demographics</b>		
Mean Age (Years)	63.5	13.7
<b>Age (Years)</b>		
	<b>Number</b>	<b>Percent</b>
0-19	105	1.3%
20-29	233	2.9%
30-39	421	5.3%
40-49	715	8.9%
50-59	1,158	14.4%
60-69	2,291	28.6%
70+	3,091	38.6%
<b>Sex</b>		
Female	3,298	41.2%
Male	4,716	58.8%
<b>Race<sup>2</sup></b>		
Unknown	2,529	31.6%
American Indian or Alaska Native	39	0.5%
Asian	154	1.9%
Black or African American	965	12.0%
Native Hawaiian or Other Pacific Islander	19	0.2%
White	4,308	53.8%
Hispanic Origin	219	2.7%
<b>Year</b>		
2016	1,483	18.5%
2017	2,138	26.7%
2018	1,634	20.4%
2019	1,463	18.3%
2020	1,272	15.9%
2021	24	0.3%
<b>Region</b>		
Northeast	1,556	19.4%
Midwest	1,597	19.9%
South	3,397	42.4%
West	1,439	18.0%
Other	25	0.3%
<b>Health Characteristics Assessed in Prior 183 Days</b>		
Charlson/Elixhauser Combined Comorbidity Score <sup>3</sup>	3.8	3.1
	<b>Number</b>	<b>Percent</b>
Diabetes	2,525	31.5%
Systemic lupus erythematosus	625	7.8%
Cancer	1,101	13.7%
Hypertension	7,028	87.7%
Chronic kidney disease	8,014	100.0%
Acute kidney injury	2,344	29.2%
Systemic immunologic diseases	1,484	18.5%

**Table 1g. Aggregated Baseline Characteristics for Patients with Membranous Nephropathy in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using Two Diagnoses or a Biopsy Followed by a Diagnosis from the Original Codelist, 365 Days of Pre-Diagnosis Enrollment Required**

<b>Health Service Utilization Assessed in Prior 183 Days</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean number of ambulatory encounters	19.4	22.7
Mean number of emergency room encounters	0.5	1.3
Mean number of inpatient hospital encounters	0.5	0.9
Mean number of non-acute institutional encounters	0.1	0.3
Mean number of other ambulatory encounters	6.3	10.2

<sup>1</sup>All 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

<sup>2</sup>Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete

<sup>3</sup>The Charlson/Elixhauser Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date (index date).

**Table 1h. Aggregated Baseline Characteristics for Patients with Membranous Nephropathy in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using Two Diagnoses or a Biopsy Followed by a Diagnosis from the Expanded Codelist, 365 Days of Pre-Diagnosis Enrollment Required**

<b>Characteristic<sup>1</sup></b>	<b>Number</b>	<b>Percent</b>
Number of unique patients	27,439	
<b>Demographics</b>		
Mean Age (Years)	61.9	14.8
Age (Years)	<b>Number</b>	<b>Percent</b>
0-19	453	1.7%
20-29	934	3.4%
30-39	1,791	6.5%
40-49	2,805	10.2%
50-59	4,144	15.1%
60-69	7,692	28.0%
70+	9,620	35.1%
Sex		
Female	12,024	43.8%
Male	15,415	56.2%
Race <sup>2</sup>		
Unknown	8,831	32.2%
American Indian or Alaska Native	142	0.5%
Asian	697	2.5%
Black or African American	3,593	13.1%
Native Hawaiian or Other Pacific Islander	58	0.2%
White	14,118	51.5%
Hispanic Origin	900	3.3%
Year		
2016	6,727	24.5%
2017	7,620	27.8%
2018	5,036	18.4%
2019	4,514	16.5%
2020	3,486	12.7%
2021	56	0.2%
Region		
Northeast	4,686	17.1%
Midwest	6,030	22.0%
South	11,147	40.6%
West	5,480	20.0%
Other	96	0.3%
<b>Health Characteristics Assessed in Prior 183 Days</b>		
Charlson/Elixhauser Combined Comorbidity Score <sup>3</sup>	3.9	2.9
	<b>Number</b>	<b>Percent</b>
Diabetes	8,463	30.8%
Systemic lupus erythematosus	2,282	8.3%
Cancer	3,449	12.6%
Hypertension	23,508	85.7%
Chronic kidney disease	27,379	99.8%
Acute kidney injury	6,880	25.1%
Systemic immunologic diseases	5,382	19.6%



**Table 1h. Aggregated Baseline Characteristics for Patients with Membranous Nephropathy in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using Two Diagnoses or a Biopsy Followed by a Diagnosis from the Expanded Codelist, 365 Days of Pre-Diagnosis Enrollment Required**

<b>Health Service Utilization Assessed in Prior 183 Days</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean number of ambulatory encounters	22.6	29.5
Mean number of emergency room encounters	0.5	1.3
Mean number of inpatient hospital encounters	0.5	1
Mean number of non-acute institutional encounters	0.1	0.3
Mean number of other ambulatory encounters	6.5	10.9

<sup>1</sup>All 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

<sup>2</sup>Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete

<sup>3</sup>The Charlson/Elixhauser Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date (index date).

**Table 1i. Aggregated Baseline Characteristics for Patients with Minimal Change Disease in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using Two Diagnoses or a Biopsy Followed by a Diagnosis from the Original Codelist, 183 Days of Pre-Diagnosis Enrollment Required**

<b>Characteristic<sup>1</sup></b>	<b>Number</b>	<b>Percent</b>
Number of unique patients	14,034	
<b>Demographics</b>		
Mean Age (Years)	61.5	16.7
Age (Years)	<b>Number</b>	<b>Percent</b>
0-19	894	6.4%
20-29	601	4.3%
30-39	790	5.6%
40-49	988	7.0%
50-59	1,527	10.9%
60-69	3,286	23.4%
70+	5,948	42.4%
Sex		
Female	6,463	46.1%
Male	7,571	53.9%
Race <sup>2</sup>		
Unknown	5,047	36.0%
American Indian or Alaska Native	50	0.4%
Asian	306	2.2%
Black or African American	1,256	8.9%
Native Hawaiian or Other Pacific Islander	19	0.1%
White	7,356	52.4%
Hispanic Origin	279	2.0%
Year		
2016	1,846	13.2%
2017	3,501	24.9%
2018	3,508	25.0%
2019	2,971	21.2%
2020	2,182	15.5%
2021	26	0.2%
Region		
Northeast	2,833	20.2%
Midwest	3,388	24.1%
South	5,158	36.8%
West	2,577	18.4%
Other	78	0.6%
<b>Health Characteristics Assessed in Prior 183 Days</b>		
Charlson/Elixhauser Combined Comorbidity Score <sup>3</sup>	3.5	3
	<b>Number</b>	<b>Percent</b>
Diabetes	5,488	39.1%
Systemic lupus erythematosus	404	2.9%
Cancer	1,922	13.7%
Hypertension	11,304	80.5%
Chronic kidney disease	14,034	100.0%
Acute kidney injury	3,832	27.3%
Systemic immunologic diseases	1,799	12.8%

**Table 1i. Aggregated Baseline Characteristics for Patients with Minimal Change Disease in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using Two Diagnoses or a Biopsy Followed by a Diagnosis from the Original Codelist, 183 Days of Pre-Diagnosis Enrollment Required**

<b>Health Service Utilization Assessed in Prior 183 Days</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean number of ambulatory encounters	15.7	15.7
Mean number of emergency room encounters	0.5	1.2
Mean number of inpatient hospital encounters	0.5	0.9
Mean number of non-acute institutional encounters	0.1	0.3
Mean number of other ambulatory encounters	5.7	10.5

<sup>1</sup>All 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

<sup>2</sup>Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete

<sup>3</sup>The Charlson/Elixhauser Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date (index date).

**Table 1j. Aggregated Baseline Characteristics for Patients with Minimal Change Disease in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using Two Diagnoses or a Biopsy Followed by a Diagnosis from the Expanded Codelist, 183 Days of Pre-Diagnosis Enrollment Required**

<b>Characteristic<sup>1</sup></b>	<b>Number</b>	<b>Percent</b>
Number of unique patients	20,260	
<b>Demographics</b>		
Mean Age (Years)	62.4	16.4
Age (Years)	<b>Number</b>	<b>Percent</b>
0-19	1,058	5.2%
20-29	868	4.3%
30-39	1,146	5.7%
40-49	1,464	7.2%
50-59	2,198	10.8%
60-69	4,738	23.4%
70+	8,788	43.4%
Sex		
Female	9,371	46.3%
Male	10,889	53.7%
Race <sup>2</sup>		
Unknown	6,918	34.1%
American Indian or Alaska Native	79	0.4%
Asian	513	2.5%
Black or African American	1,784	8.8%
Native Hawaiian or Other Pacific Islander	29	0.1%
White	10,937	54.0%
Hispanic Origin	487	2.4%
Year		
2016	2,595	12.8%
2017	4,742	23.4%
2018	4,859	24.0%
2019	4,414	21.8%
2020	3,611	17.8%
2021	39	0.2%
Region		
Northeast	4,178	20.6%
Midwest	4,533	22.4%
South	7,446	36.8%
West	3,985	19.7%
Other	118	0.6%
<b>Health Characteristics Assessed in Prior 183 Days</b>		
Charlson/Elixhauser Combined Comorbidity Score <sup>3</sup>	3.5	3.1
	<b>Number</b>	<b>Percent</b>
Diabetes	7,524	37.1%
Systemic lupus erythematosus	553	2.7%
Cancer	2,909	14.4%
Hypertension	16,077	79.4%
Chronic kidney disease	20,089	99.2%
Acute kidney injury	5,432	26.8%
Systemic immunologic diseases	2,678	13.2%

**Table 1j. Aggregated Baseline Characteristics for Patients with Minimal Change Disease in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using Two Diagnoses or a Biopsy Followed by a Diagnosis from the Expanded Codelist, 183 Days of Pre-Diagnosis Enrollment Required**

<b>Health Service Utilization Assessed in Prior 183 Days</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean number of ambulatory encounters	16.5	18.1
Mean number of emergency room encounters	0.5	1.2
Mean number of inpatient hospital encounters	0.5	1
Mean number of non-acute institutional encounters	0.1	0.4
Mean number of other ambulatory encounters	6.4	11.5

<sup>1</sup>All 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

<sup>2</sup> Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete

<sup>3</sup>The Charlson/Elixhauser Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date (index date).

**Table 1k. Aggregated Baseline Characteristics for Patients with Minimal Change Disease in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using Two Diagnoses or a Biopsy Followed by a Diagnosis from the Original Codelist, 365 Days of Pre-Diagnosis Enrollment Required**

<b>Characteristic<sup>1</sup></b>	<b>Number</b>	<b>Percent</b>
Number of unique patients	14,164	
<b>Demographics</b>		
Mean Age (Years)	62.4	16.6
Age (Years)	<b>Number</b>	<b>Percent</b>
0-19	855	6.0%
20-29	552	3.9%
30-39	745	5.3%
40-49	970	6.8%
50-59	1,508	10.6%
60-69	3,199	22.6%
70+	6,335	44.7%
Sex		
Female	6,533	46.1%
Male	7,631	53.9%
Race <sup>2</sup>		
Unknown	4,895	34.6%
American Indian or Alaska Native	52	0.4%
Asian	304	2.1%
Black or African American	1,277	9.0%
Native Hawaiian or Other Pacific Islander	17	0.1%
White	7,619	53.8%
Hispanic Origin	276	1.9%
Year		
2016	1,887	13.3%
2017	3,518	24.8%
2018	3,477	24.5%
2019	3,028	21.4%
2020	2,225	15.7%
2021	29	0.2%
Region		
Northeast	2,871	20.3%
Midwest	3,374	23.8%
South	5,264	37.2%
West	2,575	18.2%
Other	80	0.6%
<b>Health Characteristics Assessed in Prior 183 Days</b>		
Charlson/Elixhauser Combined Comorbidity Score <sup>3</sup>	3.4	3
	<b>Number</b>	<b>Percent</b>
Diabetes	5,607	39.6%
Systemic lupus erythematosus	396	2.8%
Cancer	1,933	13.6%
Hypertension	11,448	80.8%
Chronic kidney disease	14,164	100.0%
Acute kidney injury	3,644	25.7%
Systemic immunologic diseases	1,800	12.7%

**Table 1k. Aggregated Baseline Characteristics for Patients with Minimal Change Disease in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using Two Diagnoses or a Biopsy Followed by a Diagnosis from the Original Codelist, 365 Days of Pre-Diagnosis Enrollment Required**

<b>Health Service Utilization Assessed in Prior 183 Days</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean number of ambulatory encounters	15.4	15.4
Mean number of emergency room encounters	0.5	1.1
Mean number of inpatient hospital encounters	0.4	0.9
Mean number of non-acute institutional encounters	0.1	0.3
Mean number of other ambulatory encounters	5.6	10.3

<sup>1</sup>All 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

<sup>2</sup> Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete

<sup>3</sup>The Charlson/Elixhauser Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date (index date).



**Table 11. Aggregated Baseline Characteristics for Patients with Minimal Change Disease in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using Two Diagnoses or a Biopsy Followed by a Diagnosis from the Expanded Codelist, 365 Days of Pre-Diagnosis Enrollment Required**

<b>Characteristic<sup>1</sup></b>	<b>Number</b>	<b>Percent</b>
Number of unique patients	20,372	
<b>Demographics</b>		
Mean Age (Years)	63.3	16.2
<b>Age (Years)</b>		
	<b>Number</b>	<b>Percent</b>
0-19	1,014	5.0%
20-29	762	3.7%
30-39	1,050	5.2%
40-49	1,439	7.1%
50-59	2,188	10.7%
60-69	4,639	22.8%
70+	9,280	45.6%
<b>Sex</b>		
Female	9,431	46.3%
Male	10,941	53.7%
<b>Race<sup>2</sup></b>		
Unknown	6,655	32.7%
American Indian or Alaska Native	79	0.4%
Asian	509	2.5%
Black or African American	1,819	8.9%
Native Hawaiian or Other Pacific Islander	26	0.1%
White	11,284	55.4%
<b>Hispanic Origin</b>		
	482	2.4%
<b>Year</b>		
2016	2,622	12.9%
2017	4,793	23.5%
2018	4,835	23.7%
2019	4,459	21.9%
2020	3,617	17.8%
2021	46	0.2%
<b>Region</b>		
Northeast	4,210	20.7%
Midwest	4,521	22.2%
South	7,542	37.0%
West	3,982	19.5%
Other	117	0.6%
<b>Health Characteristics Assessed in Prior 183 Days</b>		
	<b>Mean</b>	<b>Standard Deviation</b>
Charlson/Elixhauser Combined Comorbidity Score <sup>3</sup>	3.4	3.1
<b>Number</b>		
	<b>Number</b>	<b>Percent</b>
Diabetes	7,636	37.5%
Systemic lupus erythematosus	541	2.7%
Cancer	2,944	14.5%
Hypertension	16,229	79.7%
Chronic kidney disease	20,199	99.2%
Acute kidney injury	5,173	25.4%
Systemic immunologic diseases	2,660	13.1%

**Table 1I. Aggregated Baseline Characteristics for Patients with Minimal Change Disease in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using Two Diagnoses or a Biopsy Followed by a Diagnosis from the Expanded Codelist, 365 Days of Pre-Diagnosis Enrollment Required**

<b>Health Service Utilization Assessed in Prior 183 Days</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean number of ambulatory encounters	16.3	17.8
Mean number of emergency room encounters	0.5	1.2
Mean number of inpatient hospital encounters	0.5	0.9
Mean number of non-acute institutional encounters	0.1	0.4
Mean number of other ambulatory encounters	6.3	11.3

<sup>1</sup>All 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

<sup>2</sup> Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete

<sup>3</sup>The Charlson/Elixhauser Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date (index date).

**Table 1m. Aggregated Baseline Characteristics for Patients with Membranoproliferative Glomerulonephritis in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using Two Diagnoses or a Biopsy Followed by a Diagnosis, 183 Days of Pre-Diagnosis Enrollment Required**

<b>Characteristic<sup>1</sup></b>	<b>Number</b>	<b>Percent</b>
Number of unique patients	6,408	
<b>Demographics</b>		
Mean Age (Years)	58.6	17.3
Age (Years)	<b>Number</b>	<b>Percent</b>
0-19	311	4.9%
20-29	414	6.5%
30-39	466	7.3%
40-49	595	9.3%
50-59	921	14.4%
60-69	1,670	26.1%
70+	2,031	31.7%
Sex		
Female	3,013	47.0%
Male	3,395	53.0%
Race <sup>2</sup>		
Unknown	2,042	31.9%
American Indian or Alaska Native	***	<1%
Asian	182	2.8%
Black or African American	657	10.3%
Native Hawaiian or Other Pacific Islander	***	<1%
White	3,471	54.2%
Hispanic Origin	231	3.6%
Year		
2016	1,270	19.8%
2017	1,762	27.5%
2018	1,349	21.1%
2019	1,099	17.2%
2020	916	14.3%
2021	12	0.2%
Region		
Northeast	1,220	19.0%
Midwest	1,527	23.8%
South	2,349	36.7%
West	1,289	20.1%
Other	23	0.4%
<b>Health Characteristics Assessed in Prior 183 Days</b>		
Charlson/Elixhauser Combined Comorbidity Score <sup>3</sup>	5.1	3.2
	<b>Number</b>	<b>Percent</b>
Diabetes	1,986	31.0%
Systemic lupus erythematosus	436	6.8%
Cancer	1,183	18.5%
Hypertension	5,618	87.7%
Chronic kidney disease	>6,343	>99%
Acute kidney injury	2,534	39.5%
Systemic immunologic diseases	1,638	25.6%

**Table 1m. Aggregated Baseline Characteristics for Patients with Membranoproliferative Glomerulonephritis in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using Two Diagnoses or a Biopsy Followed by a Diagnosis, 183 Days of Pre-Diagnosis Enrollment Required**

<b>Health Service Utilization Assessed in Prior 183 Days</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean number of ambulatory encounters	27.7	32.5
Mean number of emergency room encounters	0.7	1.7
Mean number of inpatient hospital encounters	0.8	1.3
Mean number of non-acute institutional encounters	0.1	0.4
Mean number of other ambulatory encounters	9.6	13.8

<sup>1</sup>All 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

<sup>2</sup>Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete

<sup>3</sup>The Charlson/Elixhauser Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date (index date).

**Table 1n. Aggregated Baseline Characteristics for Patients with Membranoproliferative Glomerulonephritis in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using Two Diagnoses or a Biopsy Followed by a Diagnosis, 365 Days of Pre-Diagnosis Enrollment Required**

<b>Characteristic<sup>1</sup></b>	<b>Number</b>	<b>Percent</b>
Number of unique patients	6,377	
<b>Demographics</b>		
Mean Age (Years)	59.1	17.1
<b>Demographics</b>		
	<b>Mean</b>	<b>Standard Deviation</b>
Age (Years)		
	<b>Number</b>	<b>Percent</b>
0-19	284	4.5%
20-29	387	6.1%
30-39	456	7.2%
40-49	612	9.6%
50-59	902	14.1%
60-69	1,641	25.7%
70+	2,095	32.9%
Sex		
Female	3,027	47.5%
Male	3,350	52.5%
Race <sup>2</sup>		
Unknown	1,980	31.0%
American Indian or Alaska Native	***	<1%
Asian	184	2.9%
Black or African American	648	10.2%
Native Hawaiian or Other Pacific Islander	***	<1%
White	3,512	55.1%
Hispanic Origin	227	3.6%
Year		
2016	1,282	20.1%
2017	1,801	28.2%
2018	1,309	20.5%
2019	1,073	16.8%
2020	897	14.1%
2021	15	0.2%
Region		
Northeast	1,212	19.0%
Midwest	1,537	24.1%
South	2,342	36.7%
West	1,264	19.8%
Other	22	0.3%
<b>Health Characteristics Assessed in Prior 183 Days</b>		
	<b>Mean</b>	<b>Standard Deviation</b>
Charlson/Elixhauser Combined Comorbidity Score <sup>3</sup>	5	3.2
	<b>Number</b>	<b>Percent</b>
Diabetes	1,970	30.9%
Systemic lupus erythematosus	421	6.6%
Cancer	1,161	18.2%
Hypertension	5,552	87.1%
Chronic kidney disease	>6,313	>99%
Acute kidney injury	2,391	37.5%
Systemic immunologic diseases	1,583	24.8%

**Table 1n. Aggregated Baseline Characteristics for Patients with Membranoproliferative Glomerulonephritis in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using Two Diagnoses or a Biopsy Followed by a Diagnosis, 365 Days of Pre-Diagnosis Enrollment Required**

<b>Health Service Utilization Assessed in Prior 183 Days</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean number of ambulatory encounters	27.6	33
Mean number of emergency room encounters	0.7	1.6
Mean number of inpatient hospital encounters	0.8	1.3
Mean number of non-acute institutional encounters	0.1	0.4
Mean number of other ambulatory encounters	9.5	14.2

<sup>1</sup>All 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

<sup>2</sup>Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete

<sup>3</sup>The Charlson/Elixhauser Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date (index date).

**Table 10. Aggregated Baseline Characteristics for Patients with Crescentic/Necrotizing Glomerulonephritis in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using Two Diagnoses or a Biopsy Followed by a Diagnosis, 183 Days of Pre-Diagnosis Enrollment Required**

<b>Characteristic<sup>1</sup></b>	<b>Number</b>	<b>Percent</b>
Number of unique patients	7,774	
<b>Demographics</b>		
	<b>Mean</b>	<b>Standard Deviation</b>
Mean Age (Years)	66.7	14.3
Age (Years)	<b>Number</b>	<b>Percent</b>
0-19	168	2.2%
20-29	204	2.6%
30-39	275	3.5%
40-49	401	5.2%
50-59	750	9.6%
60-69	2,041	26.3%
70+	3,935	50.6%
Sex		
Female	4,230	54.4%
Male	3,544	45.6%
Race <sup>2</sup>		
Unknown	2,138	27.5%
American Indian or Alaska Native	***	<1%
Asian	144	1.9%
Black or African American	576	7.4%
Native Hawaiian or Other Pacific Islander	***	<1%
White	4,834	62.2%
Hispanic Origin	296	3.8%
Year		
2016	781	10.0%
2017	1,761	22.7%
2018	1,891	24.3%
2019	1,784	22.9%
2020	1,535	19.7%
2021	22	0.3%
Region		
Northeast	1,030	13.2%
Midwest	1,830	23.5%
South	2,966	38.2%
West	1,928	24.8%
Other	20	0.3%
<b>Health Characteristics Assessed in Prior 183 Days</b>		
	<b>Mean</b>	<b>Standard Deviation</b>
Charlson/Elixhauser Combined Comorbidity Score <sup>3</sup>	5.9	3.2
	<b>Number</b>	<b>Percent</b>
Diabetes	2,583	33.2%
Systemic lupus erythematosus	544	7.0%
Cancer	1,088	14.0%
Hypertension	6,969	89.6%
Chronic kidney disease	7,609	97.9%
Acute kidney injury	5,796	74.6%
Systemic immunologic diseases	4,272	55.0%

**Table 10. Aggregated Baseline Characteristics for Patients with Crescentic/Necrotizing Glomerulonephritis in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using Two Diagnoses or a Biopsy Followed by a Diagnosis, 183 Days of Pre-Diagnosis Enrollment Required**

<b>Health Service Utilization Assessed in Prior 183 Days</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean number of ambulatory encounters	22.2	25.8
Mean number of emergency room encounters	0.8	2
Mean number of inpatient hospital encounters	1.2	1.2
Mean number of non-acute institutional encounters	0.1	0.5
Mean number of other ambulatory encounters	10.7	13.3

<sup>1</sup>All 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

<sup>2</sup>Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete

<sup>3</sup>The Charlson/Elixhauser Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date (index date).



**Table 1p. Aggregated Baseline Characteristics for Patients with Crescentic/Necrotizing Glomerulonephritis in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using Two Diagnoses or a Biopsy Followed by a Diagnosis, 365 Days of Pre-Diagnosis Enrollment Required**

<b>Characteristic<sup>1</sup></b>	<b>Number</b>	<b>Percent</b>
Number of unique patients	7,429	
<b>Demographics</b>		
Mean Age (Years)	67.3	13.9
Age (Years)	<b>Number</b>	<b>Percent</b>
0-19	149	2.0%
20-29	167	2.2%
30-39	241	3.2%
40-49	363	4.9%
50-59	707	9.5%
60-69	1,897	25.5%
70+	3,905	52.6%
Sex		
Female	4,058	54.6%
Male	3,371	45.4%
Race <sup>2</sup>		
Unknown	1,955	26.3%
American Indian or Alaska Native	***	<1%
Asian	143	1.9%
Black or African American	552	7.4%
Native Hawaiian or Other Pacific Islander	***	<1%
White	4,700	63.3%
Hispanic Origin	268	3.6%
Year		
2016	767	10.3%
2017	1,678	22.6%
2018	1,786	24.0%
2019	1,701	22.9%
2020	1,469	19.8%
2021	28	0.4%
Region		
Northeast	989	13.3%
Midwest	1,751	23.6%
South	2,800	37.7%
West	1,870	25.2%
Other	19	0.3%
<b>Health Characteristics Assessed in Prior 183 Days</b>		
Charlson/Elixhauser Combined Comorbidity Score <sup>3</sup>	5.9	3.2
	<b>Number</b>	<b>Percent</b>
Diabetes	2,509	33.8%
Systemic lupus erythematosus	497	6.7%
Cancer	1,058	14.2%
Hypertension	6,676	89.9%
Chronic kidney disease	7,264	97.8%
Acute kidney injury	5,472	73.7%
Systemic immunologic diseases	4,055	54.6%

**Table 1p. Aggregated Baseline Characteristics for Patients with Crescentic/Necrotizing Glomerulonephritis in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using Two Diagnoses or a Biopsy Followed by a Diagnosis, 365 Days of Pre-Diagnosis Enrollment Required**

<b>Health Service Utilization Assessed in Prior 183 Days</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean number of ambulatory encounters	22.2	25.8
Mean number of emergency room encounters	0.8	2
Mean number of inpatient hospital encounters	1.1	1.2
Mean number of non-acute institutional encounters	0.1	0.5
Mean number of other ambulatory encounters	10.7	13.5

<sup>1</sup>All 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

<sup>2</sup>Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete

<sup>3</sup>The Charlson/Elixhauser Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date (index date).

**Table 1q. Aggregated Baseline Characteristics for Patients with Lupus Nephritis in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using Two Diagnoses or a Biopsy Followed by a Diagnosis, 183 Days of Pre-Diagnosis Enrollment Required**

<b>Characteristic<sup>1</sup></b>	<b>Number</b>	<b>Percent</b>
Number of unique patients	37,837	
<b>Demographics</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean Age (Years)	48.4	15.9
Age (Years)	<b>Number</b>	<b>Percent</b>
0-19	1,103	2.9%
20-29	4,910	13.0%
30-39	7,292	19.3%
40-49	7,257	19.2%
50-59	6,779	17.9%
60-69	6,231	16.5%
70+	4,265	11.3%
Sex		
Female	31,354	82.9%
Male	6,483	17.1%
Race <sup>2</sup>		
Unknown	15,311	40.5%
American Indian or Alaska Native	239	0.6%
Asian	1,425	3.8%
Black or African American	10,420	27.5%
Native Hawaiian or Other Pacific Islander	60	0.2%
White	10,382	27.4%
Hispanic Origin	2,710	7.2%
Year		
2016	8,446	22.3%
2017	10,343	27.3%
2018	7,337	19.4%
2019	6,330	16.7%
2020	5,315	14.0%
2021	66	0.2%
Region		
Northeast	6,043	16.0%
Midwest	6,919	18.3%
South	17,158	45.3%
West	7,537	19.9%
Other	180	0.5%
<b>Health Characteristics Assessed in Prior 183 Days</b>	<b>Mean</b>	<b>Standard Deviation</b>
Charlson/Elixhauser Combined Comorbidity Score <sup>3</sup>	3.8	3.1
	<b>Number</b>	<b>Percent</b>
Diabetes	7,862	20.8%
Systemic lupus erythematosus	37,837	100.0%
Cancer	2,496	6.6%
Hypertension	29,221	77.2%
Chronic kidney disease	27,611	73.0%
Acute kidney injury	8,748	23.1%
Systemic immunologic diseases	37,837	100.0%

**Table 1q. Aggregated Baseline Characteristics for Patients with Lupus Nephritis in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using Two Diagnoses or a Biopsy Followed by a Diagnosis, 183 Days of Pre-Diagnosis Enrollment Required**

<b>Health Service Utilization Assessed in Prior 183 Days</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean number of ambulatory encounters	29.5	35.3
Mean number of emergency room encounters	0.9	2.3
Mean number of inpatient hospital encounters	0.7	1.2
Mean number of non-acute institutional encounters	0.1	0.4
Mean number of other ambulatory encounters	8.1	13.2

<sup>1</sup>All 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

<sup>2</sup>Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete

<sup>3</sup>The Charlson/Elixhauser Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date (index date).

**Table 1r. Aggregated Baseline Characteristics for Patients with Lupus Nephritis in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using Two Diagnoses or a Biopsy Followed by a Diagnosis, 365 Days of Pre-Diagnosis Enrollment Required**

<b>Characteristic<sup>1</sup></b>	<b>Number</b>	<b>Percent</b>
Number of unique patients	35,974	
<b>Demographics</b>		
	<b>Mean</b>	<b>Standard Deviation</b>
Mean Age (Years)	49.2	15.9
Age (Years)	<b>Number</b>	<b>Percent</b>
0-19	957	2.7%
20-29	4,248	11.8%
30-39	6,792	18.9%
40-49	6,915	19.2%
50-59	6,627	18.4%
60-69	6,065	16.9%
70+	4,370	12.1%
Sex		
Female	29,800	82.8%
Male	6,174	17.2%
Race <sup>2</sup>		
Unknown	13,866	38.5%
American Indian or Alaska Native	239	0.7%
Asian	1,360	3.8%
Black or African American	10,129	28.2%
Native Hawaiian or Other Pacific Islander	53	0.1%
White	10,327	28.7%
Hispanic Origin	2,603	7.2%
Year		
2016	8,319	23.1%
2017	9,904	27.5%
2018	6,845	19.0%
2019	5,788	16.1%
2020	5,024	14.0%
2021	94	0.3%
Region		
Northeast	5,791	16.1%
Midwest	6,593	18.3%
South	16,254	45.2%
West	7,162	19.9%
Other	174	0.5%
<b>Health Characteristics Assessed in Prior 183 Days</b>		
	<b>Mean</b>	<b>Standard Deviation</b>
Charlson/Elixhauser Combined Comorbidity Score <sup>3</sup>	3.8	3.1
	<b>Number</b>	<b>Percent</b>
Diabetes	7,602	21.1%
Systemic lupus erythematosus	35,974	100.0%
Cancer	2,439	6.8%
Hypertension	27,742	77.1%
Chronic kidney disease	26,116	72.6%
Acute kidney injury	7,927	22.0%
Systemic immunologic diseases	35,974	100.0%

**Table 1r. Aggregated Baseline Characteristics for Patients with Lupus Nephritis in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using Two Diagnoses or a Biopsy Followed by a Diagnosis, 365 Days of Pre-Diagnosis Enrollment Required**

<b>Health Service Utilization Assessed in Prior 183 Days</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean number of ambulatory encounters	29.9	35.9
Mean number of emergency room encounters	0.9	2.2
Mean number of inpatient hospital encounters	0.7	1.2
Mean number of non-acute institutional encounters	0.1	0.4
Mean number of other ambulatory encounters	8.1	13.2

<sup>1</sup>All 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

<sup>2</sup> Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete

<sup>3</sup>The Charlson/Elixhauser Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date (index date).

**Table 1s. Aggregated Baseline Characteristics for Patients with Diabetic Nephropathy in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using Two Diagnoses or a Biopsy Followed by a Diagnosis, 183 Days of Pre-Diagnosis Enrollment Required**

<b>Characteristic<sup>1</sup></b>	<b>Number</b>	<b>Percent</b>
Number of unique patients	1,343,406	
<b>Demographics</b>		
	<b>Mean</b>	<b>Standard Deviation</b>
Mean Age (Years)	70.5	11.3
Age (Years)	<b>Number</b>	<b>Percent</b>
0-19	459	0.0%
20-29	3,931	0.3%
30-39	18,994	1.4%
40-49	55,779	4.2%
50-59	144,794	10.8%
60-69	376,586	28.0%
70+	742,863	55.3%
Sex		
Female	619,910	46.1%
Male	723,496	53.9%
Race <sup>2</sup>		
Unknown	266,209	19.8%
American Indian or Alaska Native	9,760	0.7%
Asian	39,719	3.0%
Black or African American	193,943	14.4%
Native Hawaiian or Other Pacific Islander	3,588	0.3%
White	830,187	61.8%
Hispanic Origin	49,261	3.7%
Year		
2016	262,237	19.5%
2017	371,083	27.6%
2018	264,883	19.7%
2019	235,746	17.5%
2020	203,862	15.2%
2021	5,595	0.4%
Region		
Northeast	219,963	16.4%
Midwest	288,012	21.4%
South	575,961	42.9%
West	252,952	18.8%
Other	6518	0.5%
<b>Health Characteristics Assessed in Prior 183 Days</b>		
	<b>Mean</b>	<b>Standard Deviation</b>
Charlson/Elixhauser Combined Comorbidity Score <sup>3</sup>	4.7	3.3
	<b>Number</b>	<b>Percent</b>
Diabetes	1,343,406	100.0%
Systemic lupus erythematosus	7,311	0.5%
Cancer	163,235	12.2%
Hypertension	1,261,960	93.9%
Chronic kidney disease	1,343,406	100.0%
Acute kidney injury	299,575	22.3%
Systemic immunologic diseases	129,514	9.6%

**Table 1s. Aggregated Baseline Characteristics for Patients with Diabetic Nephropathy in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using Two Diagnoses or a Biopsy Followed by a Diagnosis, 183 Days of Pre-Diagnosis Enrollment Required**

<b>Health Service Utilization Assessed in Prior 183 Days</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean number of ambulatory encounters	21.2	25.6
Mean number of emergency room encounters	0.6	1.6
Mean number of inpatient hospital encounters	0.6	1.1
Mean number of non-acute institutional encounters	0.2	0.6
Mean number of other ambulatory encounters	8.4	15.2

<sup>1</sup>All 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

<sup>2</sup> Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete

<sup>3</sup>The Charlson/Elixhauser Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date (index date).



**Table 1t. Aggregated Baseline Characteristics for Patients with Diabetic Nephropathy in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using Two Diagnoses or a Biopsy Followed by a Diagnosis, 365 Days of Pre-Diagnosis Enrollment Required**

<b>Characteristic<sup>1</sup></b>	<b>Number</b>	<b>Percent</b>
Number of unique patients	1,358,681	
<b>Demographics</b>		
	<b>Mean</b>	<b>Standard Deviation</b>
Mean Age (Years)	70.8	11.3
Age (Years)	<b>Number</b>	<b>Percent</b>
0-19	454	0.0%
20-29	3,580	0.3%
30-39	18,137	1.3%
40-49	54,433	4.0%
50-59	142,069	10.5%
60-69	372,123	27.4%
70+	767,885	56.5%
Sex		
Female	627,967	46.2%
Male	730,714	53.8%
Race <sup>2</sup>		
Unknown	257,752	19.0%
American Indian or Alaska Native	9,974	0.7%
Asian	39,992	2.9%
Black or African American	195,297	14.4%
Native Hawaiian or Other Pacific Islander	3,489	0.3%
White	852,177	62.7%
Hispanic Origin	48,699	3.6%
Year		
2016	278,585	20.5%
2017	380,283	28.0%
2018	260,920	19.2%
2019	230,624	17.0%
2020	201,181	14.8%
2021	7,088	0.5%
Region		
Northeast	221,605	16.3%
Midwest	291,031	21.4%
South	582,610	42.9%
West	256,862	18.9%
Other	6573	0.5%
<b>Health Characteristics Assessed in Prior 183 Days</b>		
	<b>Mean</b>	<b>Standard Deviation</b>
Charlson/Elixhauser Combined Comorbidity Score <sup>3</sup>	4.6	3.3
	<b>Number</b>	<b>Percent</b>
Diabetes	1,358,681	100.0%
Systemic lupus erythematosus	7,245	0.5%
Cancer	164,675	12.1%
Hypertension	1,269,264	93.4%
Chronic kidney disease	1,358,681	100.0%
Acute kidney injury	290,466	21.4%
Systemic immunologic diseases	129,025	9.5%

**Table 1t. Aggregated Baseline Characteristics for Patients with Diabetic Nephropathy in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using Two Diagnoses or a Biopsy Followed by a Diagnosis, 365 Days of Pre-Diagnosis Enrollment Required**

<b>Health Service Utilization Assessed in Prior 183 Days</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean number of ambulatory encounters	21	25.7
Mean number of emergency room encounters	0.6	1.5
Mean number of inpatient hospital encounters	0.6	1.1
Mean number of non-acute institutional encounters	0.1	0.5
Mean number of other ambulatory encounters	8.2	15

<sup>1</sup>All 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

<sup>2</sup> Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete

<sup>3</sup>The Charlson/Elixhauser Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date (index date).

**Table 1u. Aggregated Baseline Characteristics for Patients with Nephrotic Syndrome in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using One Diagnosis in Inpatient or Institutional Stay Setting OR Two Diagnoses in Ambulatory Care Setting with Second Code Occurring one to 183 days after the first code, 183 Days of Pre-Diagnosis Enrollment Required**

<b>Characteristic<sup>1</sup></b>	<b>Number</b>	<b>Percent</b>
Number of unique patients	68,001	
<b>Demographics</b>		
Mean Age (Years)	60.4	17
Age (Years)	<b>Number</b>	<b>Percent</b>
0-19	3,632	5.3%
20-29	2,753	4.0%
30-39	4,262	6.3%
40-49	5,949	8.7%
50-59	9,420	13.9%
60-69	17,453	25.7%
70+	24,532	36.1%
Sex		
Female	30,255	44.5%
Male	37,746	55.5%
Race <sup>2</sup>		
Unknown	22,545	33.2%
American Indian or Alaska Native	552	0.8%
Asian	2,043	3.0%
Black or African American	8,637	12.7%
Native Hawaiian or Other Pacific Islander	132	0.2%
White	34,092	50.1%
Hispanic Origin	2,548	3.7%
Year		
2016	12,582	18.5%
2017	17,186	25.3%
2018	14,202	20.9%
2019	13,192	19.4%
2020	10,710	15.7%
2021	129	0.2%
Region		
Northeast	11,237	16.5%
Midwest	13,459	19.8%
South	28,462	41.9%
West	14,455	21.3%
Other	388	0.6%
<b>Health Characteristics Assessed in Prior 183 Days</b>		
Charlson/Elixhauser Combined Comorbidity Score <sup>3</sup>	4.4	3.2
	<b>Number</b>	<b>Percent</b>
Diabetes	31,735	46.7%
Systemic lupus erythematosus	2,939	4.3%
Cancer	9,616	14.1%
Hypertension	58,551	86.1%
Chronic kidney disease	68,001	100.0%
Acute kidney injury	22,727	33.4%
Systemic immunologic diseases	10,391	15.3%

**Table 1u. Aggregated Baseline Characteristics for Patients with Nephrotic Syndrome in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using One Diagnosis in Inpatient or Institutional Stay Setting OR Two Diagnoses in Ambulatory Care Setting with Second Code Occurring one to 183 days after the first code, 183 Days of Pre-Diagnosis Enrollment Required**

<b>Health Service Utilization Assessed in Prior 183 Days</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean number of ambulatory encounters	22	25.9
Mean number of emergency room encounters	0.7	1.7
Mean number of inpatient hospital encounters	0.6	1.1
Mean number of non-acute institutional encounters	0.1	0.5
Mean number of other ambulatory encounters	8.4	14.2

<sup>1</sup>All 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

<sup>2</sup> Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete

<sup>3</sup>The Charlson/Elixhauser Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date (index date).

**Table 1v. Aggregated Baseline Characteristics for Patients with Nephrotic Syndrome in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using One Diagnosis in Inpatient or Institutional Stay Setting OR Two Diagnoses in Ambulatory Care Setting with Second Code Occurring one to 365 days after the first code, 365 Days of Pre-Diagnosis Enrollment Required**

<b>Characteristic<sup>1</sup></b>	<b>Number</b>	<b>Percent</b>
Number of unique patients	66,735	
<b>Demographics</b>		
Mean Age (Years)	61.2	16.8
<b>Age (Years)</b>		
	<b>Number</b>	<b>Percent</b>
0-19	3,319	5.0%
20-29	2,452	3.7%
30-39	3,994	6.0%
40-49	5,704	8.5%
50-59	9,126	13.7%
60-69	16,829	25.2%
70+	25,311	37.9%
<b>Sex</b>		
Female	29,591	44.3%
Male	37,144	55.7%
<b>Race<sup>2</sup></b>		
Unknown	21,146	31.7%
American Indian or Alaska Native	566	0.8%
Asian	2,014	3.0%
Black or African American	8,544	12.8%
Native Hawaiian or Other Pacific Islander	128	0.2%
White	34,337	51.5%
<b>Hispanic Origin</b>		
Hispanic Origin	2,492	3.7%
<b>Year</b>		
2016	12,605	18.9%
2017	17,324	26.0%
2018	13,562	20.3%
2019	12,665	19.0%
2020	10,402	15.6%
2021	177	0.3%
<b>Region</b>		
Northeast	11,004	16.5%
Midwest	13,112	19.6%
South	28,036	42.0%
West	14,210	21.3%
Other	373	0.6%
<b>Health Characteristics Assessed in Prior 183 Days</b>		
	<b>Mean</b>	<b>Standard Deviation</b>
Charlson/Elixhauser Combined Comorbidity Score <sup>3</sup>	4.4	3.2
<b>Number</b>		
	<b>Number</b>	<b>Percent</b>
Diabetes	31,238	46.8%
Systemic lupus erythematosus	2,786	4.2%
Cancer	9,525	14.3%
Hypertension	57,432	86.1%
Chronic kidney disease	66,735	100.0%
Acute kidney injury	21,520	32.2%
Systemic immunologic diseases	10,098	15.1%

**Table 1v. Aggregated Baseline Characteristics for Patients with Nephrotic Syndrome in the Sentinel Distributed Database (SDD) from October 1, 2016 through May 10, 2021; Patients Identified Using One Diagnosis in Inpatient or Institutional Stay Setting OR Two Diagnoses in Ambulatory Care Setting with Second Code Occurring one to 365 days after the first code, 365 Days of Pre-Diagnosis Enrollment Required**

<b>Health Service Utilization Assessed in Prior 183 Days</b>	<b>Mean</b>	<b>Standard Deviation</b>
Mean number of ambulatory encounters	22	26.2
Mean number of emergency room encounters	0.7	1.7
Mean number of inpatient hospital encounters	0.6	1.1
Mean number of non-acute institutional encounters	0.1	0.5
Mean number of other ambulatory encounters	8.4	14.2

<sup>1</sup>All 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

<sup>2</sup> Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete

<sup>3</sup>The Charlson/Elixhauser Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date (index date).

**Table 2. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, Overall; No Cohort Re-Entry Allowed**

<b>Patients Meeting Disease Definition</b>	<b>Eligible Members<sup>1</sup></b>	<b>Patients Meeting Disease Definition per 10,000 Eligible Members</b>	<b>Eligible Member Years<sup>1</sup></b>
<b><i>Focal Segmental Glomerulosclerosis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code from the Original Codelist, 183 Days of Pre-Diagnosis Enrollment Required</i></b>			
16,843	164,140,680	1.03	368,507,159.0
<b><i>Focal Segmental Glomerulosclerosis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code from the Expanded Codelist, 183 Days of Pre-Diagnosis Enrollment Required</i></b>			
35,670	164,140,680	2.17	368,470,148.3
<b><i>Focal Segmental Glomerulosclerosis Defined as the Presence of One Diagnosis Code from the Original Codelist, No Pre-Diagnosis Enrollment Required</i></b>			
28,737	186,758,398	1.54	412,324,278.5
<b><i>Focal Segmental Glomerulosclerosis Defined as the Presence of One Diagnosis Code from the Expanded Codelist, No Pre-Diagnosis Enrollment Required</i></b>			
55,942	186,758,398	3.00	412,269,264.1
<b><i>Focal Segmental Glomerulosclerosis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code from the Original Codelist, 365 Days of Pre-Diagnosis Enrollment Required</i></b>			
16,340	144,618,285	1.13	331,021,034.9
<b><i>Focal Segmental Glomerulosclerosis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code from the Expanded Codelist, 365 Days of Pre-Diagnosis Enrollment Required</i></b>			
34,600	144,618,285	2.39	330,984,257.0
<b><i>Membranous Nephropathy Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code from the Original Codelist, 183 Days of Pre-Diagnosis Enrollment Required</i></b>			
8,260	164,140,680	0.50	368,520,356.3
<b><i>Membranous Nephropathy Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code from the Expanded Codelist, 183 Days of Pre-Diagnosis Enrollment Required</i></b>			
27,982	164,140,680	1.70	368,478,362.8
<b><i>Membranous Nephropathy Defined as the Presence of One Diagnosis Code from the Original Codelist, No Pre-Diagnosis Enrollment Required</i></b>			
12,728	186,758,398	0.68	412,348,885.1
<b><i>Membranous Nephropathy Defined as the Presence of One Diagnosis Code from the Expanded Codelist, No Pre-Diagnosis Enrollment Required</i></b>			
42,871	186,758,398	2.30	412,285,281.7
<b><i>Membranous Nephropathy Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code from the Original Codelist, 365 Days of Pre-Diagnosis Enrollment Required</i></b>			
8,014	144,618,285	0.55	331,033,828.8
<b><i>Membranous Nephropathy Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code from the Expanded Codelist, 365 Days of Pre-Diagnosis Enrollment Required</i></b>			
27,439	144,618,285	1.90	330,991,126.0
<b><i>Minimal Change Disease Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code from the Original Codelist, 183 Days of Pre-Diagnosis Enrollment Required</i></b>			
14,034	164,140,680	0.85	368,510,205.2
<b><i>Minimal Change Disease Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code from the Expanded Codelist, 183 Days of Pre-Diagnosis Enrollment Required</i></b>			
20,260	164,140,680	1.23	368,500,051.2
<b><i>Minimal Change Disease Defined as the Presence of One Diagnosis Code from the Original Codelist, No Pre-Diagnosis Enrollment Required</i></b>			
27,723	186,758,398	1.48	412,321,606.0
<b><i>Minimal Change Disease Defined as the Presence of One Diagnosis Code from the Expanded Codelist, No Pre-Diagnosis Enrollment Required</i></b>			
46,902	186,758,398	2.51	412,289,285.7

**Table 2. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, Overall; No Cohort Re-Entry Allowed**

<b>Patients Meeting Disease Definition</b>	<b>Eligible Members<sup>1</sup></b>	<b>Patients Meeting Disease Definition per 10,000 Eligible Members</b>	<b>Eligible Member Years<sup>1</sup></b>
<b><i>Minimal Change Disease Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code from the Original Codelist, 365 Days of Pre-Diagnosis Enrollment Required</i></b>			
14,164	144,618,285	0.98	331,022,839.8
<b><i>Minimal Change Disease Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code from the Expanded Codelist, 365 Days of Pre-Diagnosis Enrollment Required</i></b>			
20,372	144,618,285	1.41	331,012,511.5
<b><i>Membranoproliferative Glomerulonephritis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code, 183 Days of Pre-Diagnosis Enrollment Required</i></b>			
6,408	164,140,680	0.39	368,524,050.7
<b><i>Membranoproliferative Glomerulonephritis Defined as the Presence of One Diagnosis Code, No Pre-Diagnosis Enrollment Required</i></b>			
10,899	186,758,398	0.58	412,352,573.5
<b><i>Membranoproliferative Glomerulonephritis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code, 365 Days of Pre-Diagnosis Enrollment Required</i></b>			
6,377	144,618,285	0.44	331,037,174.5
<b><i>Crescentic/Necrotizing Glomerulonephritis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code, 183 Days of Pre-Diagnosis Enrollment Required</i></b>			
7,774	164,140,680	0.47	368,524,299.2
<b><i>Crescentic/Necrotizing Glomerulonephritis Defined as the Presence of One Diagnosis Code, No Pre-Diagnosis Enrollment Required</i></b>			
10,873	186,758,398	0.58	412,356,017.1
<b><i>Crescentic/Necrotizing Glomerulonephritis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code, 365 Days of Pre-Diagnosis Enrollment Required</i></b>			
7,429	144,618,285	0.51	331,038,140.6
<b><i>Lupus Nephritis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code, 183 Days of Pre-Diagnosis Enrollment Required</i></b>			
37,837	164,140,680	2.31	368,462,375.1
<b><i>Lupus Nephritis Defined as the Presence of One Diagnosis Code, No Pre-Diagnosis Enrollment Required</i></b>			
55,646	186,758,398	2.98	412,264,084.0
<b><i>Lupus Nephritis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code, 365 Days of Pre-Diagnosis Enrollment Required</i></b>			
35,974	144,618,285	2.49	330,977,233.8
<b><i>Diabetic Nephropathy Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code, 183 Days of Pre-Diagnosis Enrollment Required</i></b>			
1,343,406	164,140,680	81.84	365,912,041.2
<b><i>Diabetic Nephropathy Defined as the Presence of One Diagnosis Code, No Pre-Diagnosis Enrollment Required</i></b>			
2,236,261	186,758,398	119.74	408,051,450.1
<b><i>Diabetic Nephropathy Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code, 365 Days of Pre-Diagnosis Enrollment Required</i></b>			
1,358,681	144,618,285	93.95	328,335,990.9
<b><i>Nephrotic Syndrome Defined as the Presence of One Diagnosis Code in an Inpatient or Institutional Stay Setting or Two Diagnosis Codes in an Ambulatory Care Setting with the Second Code Occurring One to 183 Days After the First Code, 183 Days of Pre-Diagnosis Enrollment Required</i></b>			
68,001	164,140,680	4.14	368,410,114.6



**Table 2. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, Overall; No Cohort Re-Entry Allowed**

<b>Patients Meeting Disease Definition</b>	<b>Eligible Members<sup>1</sup></b>	<b>Patients Meeting Disease Definition per 10,000 Eligible Members</b>	<b>Eligible Member Years<sup>1</sup></b>
<b><i>Nephrotic Syndrome Defined as the Presence of One Diagnosis Code, No Pre-Diagnosis Enrollment Required</i></b>			
159,424	186,758,398	8.54	412,105,437.9
<b><i>Nephrotic Syndrome Defined as the Presence of One Diagnosis Code in an Inpatient or Institutional Stay Setting or Two Diagnosis Codes in an Ambulatory Care Setting with the Second Code Occurring One to 365 Days After the First Code, 365 Days of Pre-Diagnosis Enrollment Required</i></b>			
66,735	144,618,285	4.61	330,922,937.6

<sup>1</sup>Eligible Members and Member-years are reflective of the number of patients that met all cohort entry criteria on at least one day during the query period.

**Table 3. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Year; Cohort Re-Entry Allowed Each Year**

Year	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b><i>Focal Segmental Glomerulosclerosis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code from the Original Codelist, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
2016	2,144	94,837,646	0.23	22,922,891.8
2017	5,091	105,593,296	0.48	89,254,979.6
2018	6,021	105,078,911	0.57	88,987,097.6
2019	6,959	106,155,103	0.66	88,164,457.6
2020	6,642	98,909,384	0.67	78,528,632.2
2021	124	4,261,437	0.29	678,460.3
<b><i>Focal Segmental Glomerulosclerosis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code from the Expanded Codelist, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
2016	5,359	94,837,646	0.57	22,922,891.8
2017	12,532	105,593,296	1.19	89,254,979.6
2018	13,793	105,078,911	1.31	88,987,097.6
2019	15,145	106,155,103	1.43	88,164,457.6
2020	14,118	98,909,384	1.43	78,528,632.2
2021	255	4,261,437	0.60	678,460.3
<b><i>Focal Segmental Glomerulosclerosis Defined as the Presence of One Diagnosis Code from the Original Codelist, No Pre-Diagnosis Enrollment Required</i></b>				
2016	3,136	102,716,403	0.31	25,111,433.5
2017	8,422	116,107,219	0.73	100,116,679.0
2018	9,813	116,098,667	0.85	99,317,071.2
2019	11,279	117,798,444	0.96	99,313,129.2
2020	11,270	108,690,275	1.04	87,668,225.7
2021	239	5,359,822	0.45	847,082.2
<b><i>Focal Segmental Glomerulosclerosis Defined as the Presence of One Diagnosis Code from the Expanded Codelist, No Pre-Diagnosis Enrollment Required</i></b>				
2016	8,092	102,716,403	0.79	25,111,433.5
2017	19,898	116,107,219	1.71	100,116,679.0
2018	21,503	116,098,667	1.85	99,317,071.2
2019	23,264	117,798,444	1.97	99,313,129.2
2020	22,047	108,690,275	2.03	87,668,225.7
2021	472	5,359,822	0.88	847,082.2
<b><i>Focal Segmental Glomerulosclerosis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code from the Original Codelist, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
2016	2,112	87,308,805	0.24	20,038,914.7
2017	5,102	90,226,936	0.57	79,945,897.2
2018	5,988	90,824,427	0.66	80,463,088.4
2019	6,908	90,225,766	0.77	78,954,661.7
2020	6,726	90,084,196	0.75	71,021,960.2
2021	133	3,930,017	0.34	625,359.0

**Table 3. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Year; Cohort Re-Entry Allowed Each Year**

Year	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b><i>Focal Segmental Glomerulosclerosis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code from the Expanded Codelist, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
2016	5,363	87,308,805	0.61	20,038,914.7
2017	12,649	90,226,936	1.40	79,945,897.2
2018	13,887	90,824,427	1.53	80,463,088.4
2019	15,205	90,225,766	1.69	78,954,661.7
2020	14,389	90,084,196	1.60	71,021,960.2
2021	263	3,930,017	0.67	625,359.0
<b><i>Membranous Nephropathy Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code from the Original Codelist, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
2016	1,496	94,837,646	0.16	22,922,891.8
2017	3,183	105,593,296	0.30	89,254,979.6
2018	3,290	105,078,911	0.31	88,987,097.6
2019	3,277	106,155,103	0.31	88,164,457.6
2020	3,007	98,909,384	0.30	78,528,632.2
2021	75	4,261,437	0.18	678,460.3
<b><i>Membranous Nephropathy Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code from the Expanded Codelist, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
2016	6,559	94,837,646	0.69	22,922,891.8
2017	12,559	105,593,296	1.19	89,254,979.6
2018	12,864	105,078,911	1.22	88,987,097.6
2019	12,886	106,155,103	1.21	88,164,457.6
2020	11,222	98,909,384	1.13	78,528,632.2
2021	284	4,261,437	0.67	678,460.3
<b><i>Membranous Nephropathy Defined as the Presence of One Diagnosis Code from the Original Codelist, No Pre-Diagnosis Enrollment Required</i></b>				
2016	2,095	102,716,403	0.20	25,111,433.5
2017	4,913	116,107,219	0.42	100,116,679.0
2018	4,870	116,098,667	0.42	99,317,071.2
2019	4,921	117,798,444	0.42	99,313,129.2
2020	4,682	108,690,275	0.43	87,668,225.7
2021	121	5,359,822	0.23	847,082.2
<b><i>Membranous Nephropathy Defined as the Presence of One Diagnosis Code from the Expanded Codelist, No Pre-Diagnosis Enrollment Required</i></b>				
2016	9,068	102,716,403	0.88	25,111,433.5
2017	18,952	116,107,219	1.63	100,116,679.0
2018	19,023	116,098,667	1.64	99,317,071.2
2019	19,105	117,798,444	1.62	99,313,129.2
2020	16,648	108,690,275	1.53	87,668,225.7
2021	443	5,359,822	0.83	847,082.2

**Table 3. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Year; Cohort Re-Entry Allowed Each Year**

Year	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b><i>Membranous Nephropathy Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code from the Original Codelist, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
2016	1,483	87,308,805	0.17	20,038,914.7
2017	3,192	90,226,936	0.35	79,945,897.2
2018	3,334	90,824,427	0.37	80,463,088.4
2019	3,324	90,225,766	0.37	78,954,661.7
2020	3,052	90,084,196	0.34	71,021,960.2
2021	78	3,930,017	0.20	625,359.0
<b><i>Membranous Nephropathy Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code from the Expanded Codelist, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
2016	6,727	87,308,805	0.77	20,038,914.7
2017	12,897	90,226,936	1.43	79,945,897.2
2018	13,122	90,824,427	1.44	80,463,088.4
2019	13,196	90,225,766	1.46	78,954,661.7
2020	11,538	90,084,196	1.28	71,021,960.2
2021	298	3,930,017	0.76	625,359.0
<b><i>Minimal Change Disease Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code from the Original Codelist, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
2016	1,846	94,837,646	0.19	22,922,891.8
2017	4,844	105,593,296	0.46	89,254,979.6
2018	6,087	105,078,911	0.58	88,987,097.6
2019	6,097	106,155,103	0.57	88,164,457.6
2020	4,755	98,909,384	0.48	78,528,632.2
2021	82	4,261,437	0.19	678,460.3
<b><i>Minimal Change Disease Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code from the Expanded Codelist, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
2016	2,595	94,837,646	0.27	22,922,891.8
2017	6,567	105,593,296	0.62	89,254,979.6
2018	8,225	105,078,911	0.78	88,987,097.6
2019	8,528	106,155,103	0.80	88,164,457.6
2020	7,619	98,909,384	0.77	78,528,632.2
2021	143	4,261,437	0.34	678,460.3
<b><i>Minimal Change Disease Defined as the Presence of One Diagnosis Code from the Original Codelist, No Pre-Diagnosis Enrollment Required</i></b>				
2016	2,844	102,716,403	0.28	25,111,433.5
2017	9,567	116,107,219	0.82	100,116,679.0
2018	11,456	116,098,667	0.99	99,317,071.2
2019	11,215	117,798,444	0.95	99,313,129.2
2020	9,026	108,690,275	0.83	87,668,225.7
2021	158	5,359,822	0.29	847,082.2
<b><i>Minimal Change Disease Defined as the Presence of One Diagnosis Code from the Expanded Codelist, No Pre-Diagnosis Enrollment Required</i></b>				
2016	4,515	102,716,403	0.44	25,111,433.5
2017	14,499	116,107,219	1.25	100,116,679.0
2018	17,351	116,098,667	1.49	99,317,071.2
2019	17,587	117,798,444	1.49	99,313,129.2
2020	15,223	108,690,275	1.40	87,668,225.7
2021	285	5,359,822	0.53	847,082.2

**Table 3. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Year; Cohort Re-Entry Allowed Each Year**

Year	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b><i>Minimal Change Disease Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code from the Original Codelist, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
2016	1,887	87,308,805	0.22	20,038,914.7
2017	4,939	90,226,936	0.55	79,945,897.2
2018	6,344	90,824,427	0.70	80,463,088.4
2019	6,498	90,225,766	0.72	78,954,661.7
2020	5,246	90,084,196	0.58	71,021,960.2
2021	84	3,930,017	0.21	625,359.0
<b><i>Minimal Change Disease Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code from the Expanded Codelist, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
2016	2,622	87,308,805	0.30	20,038,914.7
2017	6,691	90,226,936	0.74	79,945,897.2
2018	8,543	90,824,427	0.94	80,463,088.4
2019	8,986	90,225,766	1.00	78,954,661.7
2020	8,158	90,084,196	0.91	71,021,960.2
2021	148	3,930,017	0.38	625,359.0
<b><i>Membranoproliferative Glomerulonephritis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
2016	1,270	94,837,646	0.13	22,922,891.8
2017	2,612	105,593,296	0.25	89,254,979.6
2018	2,596	105,078,911	0.25	88,987,097.6
2019	2,485	106,155,103	0.23	88,164,457.6
2020	2,097	98,909,384	0.21	78,528,632.2
2021	39	4,261,437	0.09	678,460.3
<b><i>Membranoproliferative Glomerulonephritis Defined as the Presence of One Diagnosis Code, No Pre-Diagnosis Enrollment Required</i></b>				
2016	1,863	102,716,403	0.18	25,111,433.5
2017	4,379	116,107,219	0.38	100,116,679.0
2018	4,243	116,098,667	0.37	99,317,071.2
2019	4,078	117,798,444	0.35	99,313,129.2
2020	3,614	108,690,275	0.33	87,668,225.7
2021	72	5,359,822	0.13	847,082.2
<b><i>Membranoproliferative Glomerulonephritis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
2016	1,282	87,308,805	0.15	20,038,914.7
2017	2,704	90,226,936	0.30	79,945,897.2
2018	2,683	90,824,427	0.30	80,463,088.4
2019	2,580	90,225,766	0.29	78,954,661.7
2020	2,214	90,084,196	0.25	71,021,960.2
2021	42	3,930,017	0.11	625,359.0

**Table 3. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Year; Cohort Re-Entry Allowed Each Year**

Year	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b><i>Crescentic/Necrotizing Glomerulonephritis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
2016	781	94,837,646	0.08	22,922,891.8
2017	2,192	105,593,296	0.21	89,254,979.6
2018	2,593	105,078,911	0.25	88,987,097.6
2019	2,784	106,155,103	0.26	88,164,457.6
2020	2,566	98,909,384	0.26	78,528,632.2
2021	66	4,261,437	0.15	678,460.3
<b><i>Crescentic/Necrotizing Glomerulonephritis Defined as the Presence of One Diagnosis Code, No Pre-Diagnosis Enrollment Required</i></b>				
2016	1,065	102,716,403	0.10	25,111,433.5
2017	3,163	116,107,219	0.27	100,116,679.0
2018	3,554	116,098,667	0.31	99,317,071.2
2019	3,912	117,798,444	0.33	99,313,129.2
2020	3,622	108,690,275	0.33	87,668,225.7
2021	94	5,359,822	0.18	847,082.2
<b><i>Crescentic/Necrotizing Glomerulonephritis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
2016	767	87,308,805	0.09	20,038,914.7
2017	2,113	90,226,936	0.23	79,945,897.2
2018	2,513	90,824,427	0.28	80,463,088.4
2019	2,732	90,225,766	0.30	78,954,661.7
2020	2,534	90,084,196	0.28	71,021,960.2
2021	72	3,930,017	0.18	625,359.0
<b><i>Lupus Nephritis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
2016	8,446	94,837,646	0.89	22,922,891.8
2017	16,976	105,593,296	1.61	89,254,979.6
2018	18,410	105,078,911	1.75	88,987,097.6
2019	18,958	106,155,103	1.79	88,164,457.6
2020	17,751	98,909,384	1.79	78,528,632.2
2021	440	4,261,437	1.03	678,460.3
<b><i>Lupus Nephritis Defined as the Presence of One Diagnosis Code, No Pre-Diagnosis Enrollment Required</i></b>				
2016	11,533	102,716,403	1.12	25,111,433.5
2017	24,934	116,107,219	2.15	100,116,679.0
2018	26,540	116,098,667	2.29	99,317,071.2
2019	27,373	117,798,444	2.32	99,313,129.2
2020	25,281	108,690,275	2.33	87,668,225.7
2021	756	5,359,822	1.41	847,082.2
<b><i>Lupus Nephritis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
2016	8,319	87,308,805	0.95	20,038,914.7
2017	16,694	90,226,936	1.85	79,945,897.2
2018	18,181	90,824,427	2.00	80,463,088.4
2019	18,695	90,225,766	2.07	78,954,661.7
2020	17,558	90,084,196	1.95	71,021,960.2
2021	432	3,930,017	1.10	625,359.0

**Table 3. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Year; Cohort Re-Entry Allowed Each Year**

Year	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b><i>Diabetic Nephropathy Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
2016	262,237	94,837,646	27.65	22,922,891.8
2017	558,275	105,593,296	52.87	89,254,979.6
2018	568,647	105,078,911	54.12	88,987,097.6
2019	576,786	106,155,103	54.33	88,164,457.6
2020	533,067	98,909,384	53.89	78,528,632.2
2021	25,057	4,261,437	58.80	678,460.3
<b><i>Diabetic Nephropathy Defined as the Presence of One Diagnosis Code, No Pre-Diagnosis Enrollment Required</i></b>				
2016	409,983	102,716,403	39.91	25,111,433.5
2017	923,045	116,107,219	79.50	100,116,679.0
2018	918,052	116,098,667	79.08	99,317,071.2
2019	928,197	117,798,444	78.80	99,313,129.2
2020	883,345	108,690,275	81.27	87,668,225.7
2021	43,518	5,359,822	81.19	847,082.2
<b><i>Diabetic Nephropathy Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
2016	278,585	87,308,805	31.91	20,038,914.7
2017	587,383	90,226,936	65.10	79,945,897.2
2018	599,122	90,824,427	65.96	80,463,088.4
2019	605,460	90,225,766	67.10	78,954,661.7
2020	564,780	90,084,196	62.69	71,021,960.2
2021	27,211	3,930,017	69.24	625,359.0
<b><i>Nephrotic Syndrome Defined as the Presence of One Diagnosis Code in an Inpatient or Institutional Stay Setting or Two Diagnosis Codes in an Ambulatory Care Setting with the Second Code Occurring One to 183 Days After the First Code, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
2016	12,582	94,837,646	1.33	22,922,891.8
2017	26,146	105,593,296	2.48	89,254,979.6
2018	27,509	105,078,911	2.62	88,987,097.6
2019	28,027	106,155,103	2.64	88,164,457.6
2020	24,437	98,909,384	2.47	78,528,632.2
2021	582	4,261,437	1.37	678,460.3
<b><i>Nephrotic Syndrome Defined as the Presence of One Diagnosis Code, No Pre-Diagnosis Enrollment Required</i></b>				
2016	22,018	102,716,403	2.14	25,111,433.5
2017	54,923	116,107,219	4.73	100,116,679.0
2018	56,913	116,098,667	4.90	99,317,071.2
2019	58,326	117,798,444	4.95	99,313,129.2
2020	50,137	108,690,275	4.61	87,668,225.7
2021	1,232	5,359,822	2.30	847,082.2

**Table 3. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Year; Cohort Re-Entry Allowed Each Year**

Year	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Nephrotic Syndrome Defined as the Presence of One Diagnosis Code in an Inpatient or Institutional Stay Setting or Two Diagnosis Codes in an Ambulatory Care Setting with the Second Code Occurring One to 365 Days After the First Code, 365 Days of Pre-Diagnosis Enrollment Required</i>				
2016	12,605	87,308,805	1.44	20,038,914.7
2017	26,566	90,226,936	2.94	79,945,897.2
2018	27,850	90,824,427	3.07	80,463,088.4
2019	28,485	90,225,766	3.16	78,954,661.7
2020	25,060	90,084,196	2.78	71,021,960.2
2021	608	3,930,017	1.55	625,359.0

<sup>1</sup>Eligible Members and Member-years are reflective of the number of patients that met all cohort entry criteria on at least one day during the query period.



**Table 4. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Sex; No Cohort Re-Entry Allowed**

Sex	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b><i>Focal Segmental Glomerulosclerosis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code from the Original Codelist, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
Female	7,181	84,886,893	0.85	193,148,707.0
Male	9,662	79,253,787	1.22	175,358,452.1
<b><i>Focal Segmental Glomerulosclerosis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code from the Expanded Codelist, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
Female	15,197	84,886,893	1.79	193,132,990.0
Male	20,473	79,253,787	2.58	175,337,158.3
<b><i>Focal Segmental Glomerulosclerosis Defined as the Presence of One Diagnosis Code from the Original Codelist, No Pre-Diagnosis Enrollment Required</i></b>				
Female	11,935	96,254,743	1.24	215,345,300.0
Male	16,802	90,503,655	1.86	196,978,978.5
<b><i>Focal Segmental Glomerulosclerosis Defined as the Presence of One Diagnosis Code from the Expanded Codelist, No Pre-Diagnosis Enrollment Required</i></b>				
Female	23,731	96,254,743	2.47	215,321,485.7
Male	32,211	90,503,655	3.56	196,947,778.4
<b><i>Focal Segmental Glomerulosclerosis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code from the Original Codelist, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
Female	6,976	75,114,448	0.93	174,072,618.7
Male	9,364	69,503,837	1.35	156,948,416.1
<b><i>Focal Segmental Glomerulosclerosis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code from the Expanded Codelist, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
Female	14,690	75,114,448	1.96	174,057,024.6
Male	19,910	69,503,837	2.86	156,927,232.4
<b><i>Membranous Nephropathy Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code from the Original Codelist, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
Female	3,396	84,886,893	0.40	193,154,453.8
Male	4,864	79,253,787	0.61	175,365,902.6
<b><i>Membranous Nephropathy Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code from the Expanded Codelist, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
Female	12,150	84,886,893	1.43	193,135,980.8
Male	15,832	79,253,787	2.00	175,342,382.0
<b><i>Membranous Nephropathy Defined as the Presence of One Diagnosis Code from the Original Codelist, No Pre-Diagnosis Enrollment Required</i></b>				
Female	5,426	96,254,743	0.56	215,355,184.7
Male	7,302	90,503,655	0.81	196,993,700.4
<b><i>Membranous Nephropathy Defined as the Presence of One Diagnosis Code from the Expanded Codelist, No Pre-Diagnosis Enrollment Required</i></b>				
Female	19,420	96,254,743	2.02	215,326,017.7
Male	23,451	90,503,655	2.59	196,959,264.0
<b><i>Membranous Nephropathy Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code from the Original Codelist, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
Female	3,298	75,114,448	0.44	174,078,161.6
Male	4,716	69,503,837	0.68	156,955,667.2

**Table 4. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Sex; No Cohort Re-Entry Allowed**

Sex	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b><i>Membranous Nephropathy Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code from the Expanded Codelist, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
Female	12,024	75,114,448	1.60	174,059,214.4
Male	15,415	69,503,837	2.22	156,931,911.6
<b><i>Minimal Change Disease Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code from the Original Codelist, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
Female	6,463	84,886,893	0.76	193,148,940.1
Male	7,571	79,253,787	0.96	175,361,265.1
<b><i>Minimal Change Disease Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code from the Expanded Codelist, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
Female	9,371	84,886,893	1.10	193,144,019.7
Male	10,889	79,253,787	1.37	175,356,031.5
<b><i>Minimal Change Disease Defined as the Presence of One Diagnosis Code from the Original Codelist, No Pre-Diagnosis Enrollment Required</i></b>				
Female	12,622	96,254,743	1.31	215,342,043.2
Male	15,101	90,503,655	1.67	196,979,562.8
<b><i>Minimal Change Disease Defined as the Presence of One Diagnosis Code from the Expanded Codelist, No Pre-Diagnosis Enrollment Required</i></b>				
Female	22,181	96,254,743	2.30	215,325,571.4
Male	24,721	90,503,655	2.73	196,963,714.3
<b><i>Minimal Change Disease Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code from the Original Codelist, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
Female	6,533	75,114,448	0.87	174,072,229.3
Male	7,631	69,503,837	1.10	156,950,610.4
<b><i>Minimal Change Disease Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code from the Expanded Codelist, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
Female	9,431	75,114,448	1.26	174,067,203.9
Male	10,941	69,503,837	1.57	156,945,307.7
<b><i>Membranoproliferative Glomerulonephritis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
Female	3,013	84,886,893	0.35	193,155,209.9
Male	3,395	79,253,787	0.43	175,368,840.8
<b><i>Membranoproliferative Glomerulonephritis Defined as the Presence of One Diagnosis Code, No Pre-Diagnosis Enrollment Required</i></b>				
Female	5,211	96,254,743	0.54	215,355,743.2
Male	5,688	90,503,655	0.63	196,996,830.3
<b><i>Membranoproliferative Glomerulonephritis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
Female	3,027	75,114,448	0.40	174,078,750.4
Male	3,350	69,503,837	0.48	156,958,424.1
<b><i>Crescentic/Necrotizing Glomerulonephritis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
Female	4,230	84,886,893	0.50	193,154,477.0
Male	3,544	79,253,787	0.45	175,369,822.2

**Table 4. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Sex; No Cohort Re-Entry Allowed**

Sex	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b><i>Crescentic/Necrotizing Glomerulonephritis Defined as the Presence of One Diagnosis Code, No Pre-Diagnosis Enrollment Required</i></b>				
Female	5,850	96,254,743	0.61	215,356,308.5
Male	5,023	90,503,655	0.56	196,999,708.6
<b><i>Crescentic/Necrotizing Glomerulonephritis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
Female	4,058	75,114,448	0.54	174,078,386.9
Male	3,371	69,503,837	0.49	156,959,753.7
<b><i>Lupus Nephritis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
Female	31,354	84,886,893	3.69	193,099,429.6
Male	6,483	79,253,787	0.82	175,362,945.5
<b><i>Lupus Nephritis Defined as the Presence of One Diagnosis Code, No Pre-Diagnosis Enrollment Required</i></b>				
Female	45,841	96,254,743	4.76	215,274,992.2
Male	9,805	90,503,655	1.08	196,989,091.8
<b><i>Lupus Nephritis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
Female	29,800	75,114,448	3.97	174,024,337.2
Male	6,174	69,503,837	0.89	156,952,896.6
<b><i>Diabetic Nephropathy Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
Female	619,910	84,886,893	73.03	191,943,359.6
Male	723,496	79,253,787	91.29	173,968,681.6
<b><i>Diabetic Nephropathy Defined as the Presence of One Diagnosis Code, No Pre-Diagnosis Enrollment Required</i></b>				
Female	1,040,601	96,254,743	108.11	213,345,181.9
Male	1,195,660	90,503,655	132.11	194,706,268.1
<b><i>Diabetic Nephropathy Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
Female	627,967	75,114,448	83.60	172,823,320.3
Male	730,714	69,503,837	105.13	155,512,670.6
<b><i>Nephrotic Syndrome Defined as the Presence of One Diagnosis Code in an Inpatient or Institutional Stay Setting or Two Diagnosis Codes in an Ambulatory Care Setting with the Second Code Occurring One to 183 Days After the First Code, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
Female	30,255	84,886,893	3.56	193,105,324.7
Male	37,746	79,253,787	4.76	175,304,789.9
<b><i>Nephrotic Syndrome Defined as the Presence of One Diagnosis Code, No Pre-Diagnosis Enrollment Required</i></b>				
Female	72,304	96,254,743	7.51	215,244,952.4
Male	87,120	90,503,655	9.63	196,860,485.6
<b><i>Nephrotic Syndrome Defined as the Presence of One Diagnosis Code in an Inpatient or Institutional Stay Setting or Two Diagnosis Codes in an Ambulatory Care Setting with the Second Code Occurring One to 365 Days After the First Code, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
Female	29,591	75,114,448	3.94	174,028,871.0
Male	37,144	69,503,837	5.34	156,894,066.7

<sup>1</sup>Eligible Members and Member-years are reflective of the number of patients that met all cohort entry criteria on at least one day during the query period.

**Table 5. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group; Cohort Re-Entry Allowed Once Each Age Group**

Age Group (years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b><i>Focal Segmental Glomerulosclerosis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code from the Original Codelist, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
0-19	573	28,492,858	0.20	52,493,126.2
20-29	1,121	23,304,567	0.48	32,362,011.4
30-39	1,787	22,524,960	0.79	35,304,204.2
40-49	2,200	21,707,003	1.01	37,279,824.9
50-59	2,840	23,890,564	1.19	43,413,735.1
60-69	4,202	34,961,233	1.20	64,089,331.1
70+	5,118	37,659,087	1.36	103,594,286.2
<b><i>Focal Segmental Glomerulosclerosis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code from the Expanded Codelist, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
0-19	1,122	28,492,858	0.39	52,493,126.2
20-29	2,446	23,304,567	1.05	32,362,011.4
30-39	4,025	22,524,960	1.79	35,304,204.2
40-49	5,085	21,707,003	2.34	37,279,824.9
50-59	6,313	23,890,564	2.64	43,413,735.1
60-69	9,069	34,961,233	2.59	64,089,331.1
70+	10,168	37,659,087	2.70	103,594,286.2
<b><i>Focal Segmental Glomerulosclerosis Defined as the Presence of One Diagnosis Code from the Original Codelist, No Pre-Diagnosis Enrollment Required</i></b>				
0-19	930	33,578,585	0.28	61,422,867.7
20-29	1,938	28,430,961	0.68	39,843,941.9
30-39	2,974	26,325,277	1.13	41,595,367.0
40-49	3,817	24,624,214	1.55	42,351,417.2
50-59	4,792	26,650,628	1.80	48,422,546.9
60-69	7,162	39,687,664	1.80	72,327,517.4
70+	8,666	39,284,775	2.21	106,409,962.6
<b><i>Focal Segmental Glomerulosclerosis Defined as the Presence of One Diagnosis Code from the Expanded Codelist, No Pre-Diagnosis Enrollment Required</i></b>				
0-19	1,618	33,578,585	0.48	61,422,867.7
20-29	3,795	28,430,961	1.33	39,843,941.9
30-39	6,158	26,325,277	2.34	41,595,367.0
40-49	8,161	24,624,214	3.31	42,351,417.2
50-59	10,013	26,650,628	3.76	48,422,546.9
60-69	14,299	39,687,664	3.60	72,327,517.4
70+	15,890	39,284,775	4.04	106,409,962.6
<b><i>Focal Segmental Glomerulosclerosis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code from the Original Codelist, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
0-19	532	24,019,816	0.22	44,990,441.7
20-29	1,020	18,819,360	0.54	26,485,271.8
30-39	1,700	18,855,181	0.90	29,988,203.8
40-49	2,127	18,839,160	1.13	32,879,256.9
50-59	2,761	21,162,208	1.30	38,975,249.0
60-69	4,022	31,545,456	1.27	56,784,027.0
70+	5,215	36,777,627	1.42	100,947,431.0

**Table 5. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group; Cohort Re-Entry Allowed Once Each Age Group**

Age Group (years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b><i>Focal Segmental Glomerulosclerosis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code from the Expanded Codelist, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
0-19	1,025	24,019,816	0.43	44,990,441.7
20-29	2,222	18,819,360	1.18	26,485,271.8
30-39	3,823	18,855,181	2.03	29,988,203.8
40-49	4,949	18,839,160	2.63	32,879,256.9
50-59	6,155	21,162,208	2.91	38,975,249.0
60-69	8,747	31,545,456	2.77	56,784,027.0
70+	10,386	36,777,627	2.82	100,947,431.0
<b><i>Membranous Nephropathy Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code from the Original Codelist, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
0-19	112	28,492,858	0.04	52,493,126.2
20-29	284	23,304,567	0.12	32,362,011.4
30-39	483	22,524,960	0.21	35,304,204.2
40-49	807	21,707,003	0.37	37,279,824.9
50-59	1,307	23,890,564	0.55	43,413,735.1
60-69	2,525	34,961,233	0.72	64,089,331.1
70+	3,287	37,659,087	0.87	103,594,286.2
<b><i>Membranous Nephropathy Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code from the Expanded Codelist, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
0-19	472	28,492,858	0.17	52,493,126.2
20-29	1,077	23,304,567	0.46	32,362,011.4
30-39	2,020	22,524,960	0.90	35,304,204.2
40-49	3,151	21,707,003	1.45	37,279,824.9
50-59	4,630	23,890,564	1.94	43,413,735.1
60-69	8,462	34,961,233	2.42	64,089,331.1
70+	10,697	37,659,087	2.84	103,594,286.2
<b><i>Membranous Nephropathy Defined as the Presence of One Diagnosis Code from the Original Codelist, No Pre-Diagnosis Enrollment Required</i></b>				
0-19	208	33,578,585	0.06	61,422,867.7
20-29	484	28,430,961	0.17	39,843,941.9
30-39	784	26,325,277	0.30	41,595,367.0
40-49	1,238	24,624,214	0.50	42,351,417.2
50-59	1,994	26,650,628	0.75	48,422,546.9
60-69	3,876	39,687,664	0.98	72,327,517.4
70+	4,962	39,284,775	1.26	106,409,962.6
<b><i>Membranous Nephropathy Defined as the Presence of One Diagnosis Code from the Expanded Codelist, No Pre-Diagnosis Enrollment Required</i></b>				
0-19	825	33,578,585	0.25	61,422,867.7
20-29	1,884	28,430,961	0.66	39,843,941.9
30-39	3,256	26,325,277	1.24	41,595,367.0
40-49	4,892	24,624,214	1.99	42,351,417.2
50-59	7,187	26,650,628	2.70	48,422,546.9
60-69	12,760	39,687,664	3.22	72,327,517.4
70+	15,729	39,284,775	4.00	106,409,962.6

**Table 5. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group; Cohort Re-Entry Allowed Once Each Age Group**

Age Group (years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b>Membranous Nephropathy Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code from the Original Codelist, 365 Days of Pre-Diagnosis Enrollment Required</b>				
0-19	105	24,019,816	0.04	44,990,441.7
20-29	241	18,819,360	0.13	26,485,271.8
30-39	448	18,855,181	0.24	29,988,203.8
40-49	762	18,839,160	0.40	32,879,256.9
50-59	1,220	21,162,208	0.58	38,975,249.0
60-69	2,425	31,545,456	0.77	56,784,027.0
70+	3,402	36,777,627	0.93	100,947,431.0
<b>Membranous Nephropathy Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code from the Expanded Codelist, 365 Days of Pre-Diagnosis Enrollment Required</b>				
0-19	453	24,019,816	0.19	44,990,441.7
20-29	975	18,819,360	0.52	26,485,271.8
30-39	1,903	18,855,181	1.01	29,988,203.8
40-49	3,031	18,839,160	1.61	32,879,256.9
50-59	4,505	21,162,208	2.13	38,975,249.0
60-69	8,248	31,545,456	2.61	56,784,027.0
70+	11,030	36,777,627	3.00	100,947,431.0
<b>Minimal Change Disease Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code from the Original Codelist, 183 Days of Pre-Diagnosis Enrollment Required</b>				
0-19	894	28,492,858	0.31	52,493,126.2
20-29	634	23,304,567	0.27	32,362,011.4
30-39	828	22,524,960	0.37	35,304,204.2
40-49	1,050	21,707,003	0.48	37,279,824.9
50-59	1,599	23,890,564	0.67	43,413,735.1
60-69	3,401	34,961,233	0.97	64,089,331.1
70+	6,322	37,659,087	1.68	103,594,286.2
<b>Minimal Change Disease Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code from the Expanded Codelist, 183 Days of Pre-Diagnosis Enrollment Required</b>				
0-19	1,058	28,492,858	0.37	52,493,126.2
20-29	910	23,304,567	0.39	32,362,011.4
30-39	1,209	22,524,960	0.54	35,304,204.2
40-49	1,564	21,707,003	0.72	37,279,824.9
50-59	2,300	23,890,564	0.96	43,413,735.1
60-69	4,919	34,961,233	1.41	64,089,331.1
70+	9,289	37,659,087	2.47	103,594,286.2
<b>Minimal Change Disease Defined as the Presence of One Diagnosis Code from the Original Codelist, No Pre-Diagnosis Enrollment Required</b>				
0-19	1,676	33,578,585	0.50	61,422,867.7
20-29	1,244	28,430,961	0.44	39,843,941.9
30-39	1,649	26,325,277	0.63	41,595,367.0
40-49	2,096	24,624,214	0.85	42,351,417.2
50-59	3,255	26,650,628	1.22	48,422,546.9
60-69	6,865	39,687,664	1.73	72,327,517.4
70+	12,132	39,284,775	3.09	106,409,962.6

**Table 5. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group; Cohort Re-Entry Allowed Once Each Age Group**

Age Group (years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b><i>Minimal Change Disease Defined as the Presence of One Diagnosis Code from the Expanded Codelist, No Pre-Diagnosis Enrollment Required</i></b>				
0-19	2,147	33,578,585	0.64	61,422,867.7
20-29	1,924	28,430,961	0.68	39,843,941.9
30-39	2,796	26,325,277	1.06	41,595,367.0
40-49	3,627	24,624,214	1.47	42,351,417.2
50-59	5,456	26,650,628	2.05	48,422,546.9
60-69	11,420	39,687,664	2.88	72,327,517.4
70+	21,223	39,284,775	5.40	106,409,962.6
<b><i>Minimal Change Disease Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code from the Original Codelist, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
0-19	855	24,019,816	0.36	44,990,441.7
20-29	588	18,819,360	0.31	26,485,271.8
30-39	785	18,855,181	0.42	29,988,203.8
40-49	1,041	18,839,160	0.55	32,879,256.9
50-59	1,589	21,162,208	0.75	38,975,249.0
60-69	3,332	31,545,456	1.06	56,784,027.0
70+	6,769	36,777,627	1.84	100,947,431.0
<b><i>Minimal Change Disease Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code from the Expanded Codelist, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
0-19	1,014	24,019,816	0.42	44,990,441.7
20-29	807	18,819,360	0.43	26,485,271.8
30-39	1,108	18,855,181	0.59	29,988,203.8
40-49	1,546	18,839,160	0.82	32,879,256.9
50-59	2,300	21,162,208	1.09	38,975,249.0
60-69	4,841	31,545,456	1.53	56,784,027.0
70+	9,867	36,777,627	2.68	100,947,431.0
<b><i>Membranoproliferative Glomerulonephritis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
0-19	311	28,492,858	0.11	52,493,126.2
20-29	444	23,304,567	0.19	32,362,011.4
30-39	500	22,524,960	0.22	35,304,204.2
40-49	626	21,707,003	0.29	37,279,824.9
50-59	975	23,890,564	0.41	43,413,735.1
60-69	1,755	34,961,233	0.50	64,089,331.1
70+	2,217	37,659,087	0.59	103,594,286.2
<b><i>Membranoproliferative Glomerulonephritis Defined as the Presence of One Diagnosis Code, No Pre-Diagnosis Enrollment Required</i></b>				
0-19	519	33,578,585	0.15	61,422,867.7
20-29	754	28,430,961	0.27	39,843,941.9
30-39	928	26,325,277	0.35	41,595,367.0
40-49	1,114	24,624,214	0.45	42,351,417.2
50-59	1,663	26,650,628	0.62	48,422,546.9
60-69	2,981	39,687,664	0.75	72,327,517.4
70+	3,608	39,284,775	0.92	106,409,962.6



**Table 5. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group; Cohort Re-Entry Allowed Once Each Age Group**

Age Group (years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b>Membranoproliferative Glomerulonephritis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code, 365 Days of Pre-Diagnosis Enrollment Required</b>				
0-19	284	24,019,816	0.12	44,990,441.7
20-29	415	18,819,360	0.22	26,485,271.8
30-39	486	18,855,181	0.26	29,988,203.8
40-49	640	18,839,160	0.34	32,879,256.9
50-59	959	21,162,208	0.45	38,975,249.0
60-69	1,728	31,545,456	0.55	56,784,027.0
70+	2,303	36,777,627	0.63	100,947,431.0
<b>Crescentic/Necrotizing Glomerulonephritis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code, 183 Days of Pre-Diagnosis Enrollment Required</b>				
0-19	168	28,492,858	0.06	52,493,126.2
20-29	210	23,304,567	0.09	32,362,011.4
30-39	280	22,524,960	0.12	35,304,204.2
40-49	417	21,707,003	0.19	37,279,824.9
50-59	767	23,890,564	0.32	43,413,735.1
60-69	2,092	34,961,233	0.60	64,089,331.1
70+	4,101	37,659,087	1.09	103,594,286.2
<b>Crescentic/Necrotizing Glomerulonephritis Defined as the Presence of One Diagnosis Code, No Pre-Diagnosis Enrollment Required</b>				
0-19	269	33,578,585	0.08	61,422,867.7
20-29	356	28,430,961	0.13	39,843,941.9
30-39	461	26,325,277	0.18	41,595,367.0
40-49	621	24,624,214	0.25	42,351,417.2
50-59	1,154	26,650,628	0.43	48,422,546.9
60-69	3,017	39,687,664	0.76	72,327,517.4
70+	5,375	39,284,775	1.37	106,409,962.6
<b>Crescentic/Necrotizing Glomerulonephritis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code, 365 Days of Pre-Diagnosis Enrollment Required</b>				
0-19	149	24,019,816	0.06	44,990,441.7
20-29	175	18,819,360	0.09	26,485,271.8
30-39	245	18,855,181	0.13	29,988,203.8
40-49	381	18,839,160	0.20	32,879,256.9
50-59	723	21,162,208	0.34	38,975,249.0
60-69	1,947	31,545,456	0.62	56,784,027.0
70+	4,085	36,777,627	1.11	100,947,431.0
<b>Lupus Nephritis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code, 183 Days of Pre-Diagnosis Enrollment Required</b>				
0-19	1,103	28,492,858	0.39	52,493,126.2
20-29	5,196	23,304,567	2.23	32,362,011.4
30-39	8,224	22,524,960	3.65	35,304,204.2
40-49	8,330	21,707,003	3.84	37,279,824.9
50-59	7,750	23,890,564	3.24	43,413,735.1
60-69	6,972	34,961,233	1.99	64,089,331.1
70+	4,984	37,659,087	1.32	103,594,286.2



**Table 5. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group; Cohort Re-Entry Allowed Once Each Age Group**

Age Group (years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b><i>Lupus Nephritis Defined as the Presence of One Diagnosis Code, No Pre-Diagnosis Enrollment Required</i></b>				
0-19	1,442	33,578,585	0.43	61,422,867.7
20-29	6,858	28,430,961	2.41	39,843,941.9
30-39	10,945	26,325,277	4.16	41,595,367.0
40-49	11,757	24,624,214	4.77	42,351,417.2
50-59	11,484	26,650,628	4.31	48,422,546.9
60-69	11,114	39,687,664	2.80	72,327,517.4
70+	8,591	39,284,775	2.19	106,409,962.6
<b><i>Lupus Nephritis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
0-19	957	24,019,816	0.40	44,990,441.7
20-29	4,517	18,819,360	2.40	26,485,271.8
30-39	7,669	18,855,181	4.07	29,988,203.8
40-49	7,993	18,839,160	4.24	32,879,256.9
50-59	7,631	21,162,208	3.61	38,975,249.0
60-69	6,846	31,545,456	2.17	56,784,027.0
70+	5,163	36,777,627	1.40	100,947,431.0
<b><i>Diabetic Nephropathy Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
0-19	459	28,492,858	0.16	52,493,126.2
20-29	3,992	23,304,567	1.71	32,362,011.4
30-39	19,601	22,524,960	8.70	35,304,204.2
40-49	58,319	21,707,003	26.87	37,279,824.9
50-59	151,892	23,890,564	63.58	43,413,735.1
60-69	394,172	34,961,233	112.75	64,089,331.1
70+	798,322	37,659,087	211.99	103,594,286.2
<b><i>Diabetic Nephropathy Defined as the Presence of One Diagnosis Code, No Pre-Diagnosis Enrollment Required</i></b>				
0-19	1,074	33,578,585	0.32	61,422,867.7
20-29	8,492	28,430,961	2.99	39,843,941.9
30-39	35,560	26,325,277	13.51	41,595,367.0
40-49	104,464	24,624,214	42.42	42,351,417.2
50-59	265,460	26,650,628	99.61	48,422,546.9
60-69	675,015	39,687,664	170.08	72,327,517.4
70+	1,282,819	39,284,775	326.54	106,409,962.6
<b><i>Diabetic Nephropathy Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
0-19	454	24,019,816	0.19	44,990,441.7
20-29	3,657	18,819,360	1.94	26,485,271.8
30-39	18,712	18,855,181	9.92	29,988,203.8
40-49	57,154	18,839,160	30.34	32,879,256.9
50-59	149,666	21,162,208	70.72	38,975,249.0
60-69	391,091	31,545,456	123.98	56,784,027.0
70+	829,704	36,777,627	225.60	100,947,431.0

**Table 5. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group; Cohort Re-Entry Allowed Once Each Age Group**

Age Group (years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b><i>Nephrotic Syndrome Defined as the Presence of One Diagnosis Code in an Inpatient or Institutional Stay Setting or Two Diagnosis Codes in an Ambulatory Care Setting with the Second Code Occurring One to 183 Days After the First Code, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
0-19	3,632	28,492,858	1.27	52,493,126.2
20-29	2,918	23,304,567	1.25	32,362,011.4
30-39	4,529	22,524,960	2.01	35,304,204.2
40-49	6,349	21,707,003	2.92	37,279,824.9
50-59	9,907	23,890,564	4.15	43,413,735.1
60-69	18,325	34,961,233	5.24	64,089,331.1
70+	26,519	37,659,087	7.04	103,594,286.2
<b><i>Nephrotic Syndrome Defined as the Presence of One Diagnosis Code, No Pre-Diagnosis Enrollment Required</i></b>				
0-19	5,823	33,578,585	1.73	61,422,867.7
20-29	6,312	28,430,961	2.22	39,843,941.9
30-39	10,249	26,325,277	3.89	41,595,367.0
40-49	14,926	24,624,214	6.06	42,351,417.2
50-59	23,507	26,650,628	8.82	48,422,546.9
60-69	43,085	39,687,664	10.86	72,327,517.4
70+	62,704	39,284,775	15.96	106,409,962.6
<b><i>Nephrotic Syndrome Defined as the Presence of One Diagnosis Code in an Inpatient or Institutional Stay Setting or Two Diagnosis Codes in an Ambulatory Care Setting with the Second Code Occurring One to 365 Days After the First Code, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
0-19	3,319	24,019,816	1.38	44,990,441.7
20-29	2,620	18,819,360	1.39	26,485,271.8
30-39	4,259	18,855,181	2.26	29,988,203.8
40-49	6,129	18,839,160	3.25	32,879,256.9
50-59	9,649	21,162,208	4.56	38,975,249.0
60-69	17,761	31,545,456	5.63	56,784,027.0
70+	27,515	36,777,627	7.48	100,947,431.0

<sup>1</sup>Eligible Members and Member-years are reflective of the number of patients that met all cohort entry criteria on at least one day during the query period.

**Table 6. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Sex; Cohort Re-Entry Allowed Once Each Age Group**

Age Group (Years) and Sex	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b><i>Focal Segmental Glomerulosclerosis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code from the Original Codelist, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
Female	265	13,932,942	0.19	25,657,867.9
Male	308	14,559,916	0.21	26,835,258.3
<i>Aged 20-29</i>				
Female	495	11,656,152	0.42	16,102,205.1
Male	626	11,648,415	0.54	16,259,806.3
<i>Aged 30-39</i>				
Female	865	11,359,427	0.76	17,876,083.2
Male	922	11,165,533	0.83	17,428,120.9
<i>Aged 40-49</i>				
Female	1,027	10,984,276	0.93	18,910,026.7
Male	1,173	10,722,727	1.09	18,369,798.3
<i>Aged 50-59</i>				
Female	1,219	12,164,682	1.00	22,118,608.0
Male	1,621	11,725,882	1.38	21,295,127.1
<i>Aged 60-69</i>				
Female	1,672	18,282,173	0.91	33,650,295.9
Male	2,530	16,679,060	1.52	30,439,035.2
<i>Aged 70+</i>				
Female	2,057	21,126,708	0.97	58,846,045.7
Male	3,061	16,532,379	1.85	44,748,240.5
<b><i>Focal Segmental Glomerulosclerosis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code from the Expanded Codelist, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
Female	509	13,932,942	0.37	25,657,867.9
Male	613	14,559,916	0.42	26,835,258.3
<i>Aged 20-29</i>				
Female	1,101	11,656,152	0.94	16,102,205.1
Male	1,345	11,648,415	1.15	16,259,806.3
<i>Aged 30-39</i>				
Female	1,889	11,359,427	1.66	17,876,083.2
Male	2,136	11,165,533	1.91	17,428,120.9
<i>Aged 40-49</i>				
Female	2,349	10,984,276	2.14	18,910,026.7
Male	2,736	10,722,727	2.55	18,369,798.3
<i>Aged 50-59</i>				
Female	2,645	12,164,682	2.17	22,118,608.0
Male	3,668	11,725,882	3.13	21,295,127.1
<i>Aged 60-69</i>				
Female	3,684	18,282,173	2.02	33,650,295.9
Male	5,385	16,679,060	3.23	30,439,035.2
<i>Aged 70+</i>				
Female	4,148	21,126,708	1.96	58,846,045.7
Male	6,020	16,532,379	3.64	44,748,240.5

**Table 6. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Sex; Cohort Re-Entry Allowed Once Each Age Group**

Age Group (Years) and Sex	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b><i>Focal Segmental Glomerulosclerosis Defined as the Presence of One Diagnosis Code from the Original Codelist, No Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
Female	427	16,424,660	0.26	30,028,398.8
Male	503	17,153,925	0.29	31,394,468.9
<i>Aged 20-29</i>				
Female	846	14,183,296	0.60	19,859,519.9
Male	1,092	14,247,665	0.77	19,984,422.0
<i>Aged 30-39</i>				
Female	1,438	13,196,018	1.09	21,003,320.4
Male	1,536	13,129,259	1.17	20,592,046.6
<i>Aged 40-49</i>				
Female	1,739	12,428,990	1.40	21,451,538.4
Male	2,078	12,195,224	1.70	20,899,878.8
<i>Aged 50-59</i>				
Female	2,016	13,574,843	1.49	24,660,572.5
Male	2,776	13,075,785	2.12	23,761,974.5
<i>Aged 60-69</i>				
Female	2,794	20,745,243	1.35	37,954,926.0
Male	4,368	18,942,421	2.31	34,372,591.4
<i>Aged 70+</i>				
Female	3,340	22,030,931	1.52	60,407,497.0
Male	5,326	17,253,844	3.09	46,002,465.6
<b><i>Focal Segmental Glomerulosclerosis Defined as the Presence of One Diagnosis Code from the Expanded Codelist, No Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
Female	731	16,424,660	0.45	30,028,398.8
Male	887	17,153,925	0.52	31,394,468.9
<i>Aged 20-29</i>				
Female	1,725	14,183,296	1.22	19,859,519.9
Male	2,070	14,247,665	1.45	19,984,422.0
<i>Aged 30-39</i>				
Female	2,930	13,196,018	2.22	21,003,320.4
Male	3,228	13,129,259	2.46	20,592,046.6
<i>Aged 40-49</i>				
Female	3,705	12,428,990	2.98	21,451,538.4
Male	4,456	12,195,224	3.65	20,899,878.8
<i>Aged 50-59</i>				
Female	4,240	13,574,843	3.12	24,660,572.5
Male	5,773	13,075,785	4.42	23,761,974.5
<i>Aged 60-69</i>				
Female	5,787	20,745,243	2.79	37,954,926.0
Male	8,512	18,942,421	4.49	34,372,591.4
<i>Aged 70+</i>				
Female	6,354	22,030,931	2.88	60,407,497.0
Male	9,536	17,253,844	5.53	46,002,465.6

**Table 6. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Sex; Cohort Re-Entry Allowed Once Each Age Group**

Age Group (Years) and Sex	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b><i>Focal Segmental Glomerulosclerosis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code from the Original Codelist, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
Female	250	11,738,438	0.21	21,987,542.0
Male	282	12,281,378	0.23	23,002,899.7
<i>Aged 20-29</i>				
Female	440	9,405,794	0.47	13,136,257.1
Male	580	9,413,566	0.62	13,349,014.7
<i>Aged 30-39</i>				
Female	834	9,549,127	0.87	15,206,394.2
Male	866	9,306,054	0.93	14,781,809.6
<i>Aged 40-49</i>				
Female	992	9,555,977	1.04	16,692,595.5
Male	1,135	9,283,183	1.22	16,186,661.3
<i>Aged 50-59</i>				
Female	1,207	10,787,991	1.12	19,861,162.5
Male	1,554	10,374,217	1.50	19,114,086.6
<i>Aged 60-69</i>				
Female	1,605	16,532,786	0.97	29,817,033.8
Male	2,417	15,012,670	1.61	26,966,993.1
<i>Aged 70+</i>				
Female	2,094	20,649,299	1.01	57,383,828.0
Male	3,121	16,128,328	1.94	43,563,603.0
<b><i>Focal Segmental Glomerulosclerosis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code from the Expanded Codelist, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
Female	470	11,738,438	0.40	21,987,542.0
Male	555	12,281,378	0.45	23,002,899.7
<i>Aged 20-29</i>				
Female	987	9,405,794	1.05	13,136,257.1
Male	1,235	9,413,566	1.31	13,349,014.7
<i>Aged 30-39</i>				
Female	1,814	9,549,127	1.90	15,206,394.2
Male	2,009	9,306,054	2.16	14,781,809.6
<i>Aged 40-49</i>				
Female	2,271	9,555,977	2.38	16,692,595.5
Male	2,678	9,283,183	2.88	16,186,661.3
<i>Aged 50-59</i>				
Female	2,594	10,787,991	2.40	19,861,162.5
Male	3,561	10,374,217	3.43	19,114,086.6
<i>Aged 60-69</i>				
Female	3,560	16,532,786	2.15	29,817,033.8
Male	5,187	15,012,670	3.46	26,966,993.1
<i>Aged 70+</i>				
Female	4,202	20,649,299	2.03	57,383,828.0
Male	6,184	16,128,328	3.83	43,563,603.0

**Table 6. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Sex; Cohort Re-Entry Allowed Once Each Age Group**

Age Group (Years) and Sex	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b><i>Membranous Nephropathy Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code from the Original Codelist, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
Female	54	13,932,942	0.04	25,657,867.9
Male	58	14,559,916	0.04	26,835,258.3
<i>Aged 20-29</i>				
Female	167	11,656,152	0.14	16,102,205.1
Male	117	11,648,415	0.10	16,259,806.3
<i>Aged 30-39</i>				
Female	261	11,359,427	0.23	17,876,083.2
Male	222	11,165,533	0.20	17,428,120.9
<i>Aged 40-49</i>				
Female	372	10,984,276	0.34	18,910,026.7
Male	435	10,722,727	0.41	18,369,798.3
<i>Aged 50-59</i>				
Female	491	12,164,682	0.40	22,118,608.0
Male	816	11,725,882	0.70	21,295,127.1
<i>Aged 60-69</i>				
Female	956	18,282,173	0.52	33,650,295.9
Male	1,569	16,679,060	0.94	30,439,035.2
<i>Aged 70+</i>				
Female	1,315	21,126,708	0.62	58,846,045.7
Male	1,972	16,532,379	1.19	44,748,240.5
<b><i>Membranous Nephropathy Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code from the Expanded Codelist, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
Female	255	13,932,942	0.18	25,657,867.9
Male	217	14,559,916	0.15	26,835,258.3
<i>Aged 20-29</i>				
Female	620	11,656,152	0.53	16,102,205.1
Male	457	11,648,415	0.39	16,259,806.3
<i>Aged 30-39</i>				
Female	1,099	11,359,427	0.97	17,876,083.2
Male	921	11,165,533	0.82	17,428,120.9
<i>Aged 40-49</i>				
Female	1,478	10,984,276	1.35	18,910,026.7
Male	1,673	10,722,727	1.56	18,369,798.3
<i>Aged 50-59</i>				
Female	1,899	12,164,682	1.56	22,118,608.0
Male	2,731	11,725,882	2.33	21,295,127.1
<i>Aged 60-69</i>				
Female	3,375	18,282,173	1.85	33,650,295.9
Male	5,087	16,679,060	3.05	30,439,035.2
<i>Aged 70+</i>				
Female	4,448	21,126,708	2.11	58,846,045.7
Male	6,249	16,532,379	3.78	44,748,240.5

**Table 6. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Sex; Cohort Re-Entry Allowed Once Each Age Group**

Age Group (Years) and Sex	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b><i>Membranous Nephropathy Defined as the Presence of One Diagnosis Code from the Original Codelist, No Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
Female	99	16,424,660	0.06	30,028,398.8
Male	109	17,153,925	0.06	31,394,468.9
<i>Aged 20-29</i>				
Female	294	14,183,296	0.21	19,859,519.9
Male	190	14,247,665	0.13	19,984,422.0
<i>Aged 30-39</i>				
Female	414	13,196,018	0.31	21,003,320.4
Male	370	13,129,259	0.28	20,592,046.6
<i>Aged 40-49</i>				
Female	588	12,428,990	0.47	21,451,538.4
Male	650	12,195,224	0.53	20,899,878.8
<i>Aged 50-59</i>				
Female	786	13,574,843	0.58	24,660,572.5
Male	1,208	13,075,785	0.92	23,761,974.5
<i>Aged 60-69</i>				
Female	1,516	20,745,243	0.73	37,954,926.0
Male	2,360	18,942,421	1.25	34,372,591.4
<i>Aged 70+</i>				
Female	2,066	22,030,931	0.94	60,407,497.0
Male	2,896	17,253,844	1.68	46,002,465.6
<b><i>Membranous Nephropathy Defined as the Presence of One Diagnosis Code from the Expanded Codelist, No Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
Female	424	16,424,660	0.26	30,028,398.8
Male	401	17,153,925	0.23	31,394,468.9
<i>Aged 20-29</i>				
Female	1,075	14,183,296	0.76	19,859,519.9
Male	809	14,247,665	0.57	19,984,422.0
<i>Aged 30-39</i>				
Female	1,803	13,196,018	1.37	21,003,320.4
Male	1,453	13,129,259	1.11	20,592,046.6
<i>Aged 40-49</i>				
Female	2,383	12,428,990	1.92	21,451,538.4
Male	2,509	12,195,224	2.06	20,899,878.8
<i>Aged 50-59</i>				
Female	3,091	13,574,843	2.28	24,660,572.5
Male	4,096	13,075,785	3.13	23,761,974.5
<i>Aged 60-69</i>				
Female	5,294	20,745,243	2.55	37,954,926.0
Male	7,466	18,942,421	3.94	34,372,591.4
<i>Aged 70+</i>				
Female	6,897	22,030,931	3.13	60,407,497.0
Male	8,832	17,253,844	5.12	46,002,465.6

**Table 6. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Sex; Cohort Re-Entry Allowed Once Each Age Group**

Age Group (Years) and Sex	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b><i>Membranous Nephropathy Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code from the Original Codelist, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
Female	51	11,738,438	0.04	21,987,542.0
Male	54	12,281,378	0.04	23,002,899.7
<i>Aged 20-29</i>				
Female	145	9,405,794	0.15	13,136,257.1
Male	96	9,413,566	0.10	13,349,014.7
<i>Aged 30-39</i>				
Female	246	9,549,127	0.26	15,206,394.2
Male	202	9,306,054	0.22	14,781,809.6
<i>Aged 40-49</i>				
Female	360	9,555,977	0.38	16,692,595.5
Male	402	9,283,183	0.43	16,186,661.3
<i>Aged 50-59</i>				
Female	461	10,787,991	0.43	19,861,162.5
Male	759	10,374,217	0.73	19,114,086.6
<i>Aged 60-69</i>				
Female	914	16,532,786	0.55	29,817,033.8
Male	1,511	15,012,670	1.01	26,966,993.1
<i>Aged 70+</i>				
Female	1,362	20,649,299	0.66	57,383,828.0
Male	2,040	16,128,328	1.26	43,563,603.0
<b><i>Membranous Nephropathy Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code from the Expanded Codelist, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
Female	243	11,738,438	0.21	21,987,542.0
Male	210	12,281,378	0.17	23,002,899.7
<i>Aged 20-29</i>				
Female	567	9,405,794	0.60	13,136,257.1
Male	408	9,413,566	0.43	13,349,014.7
<i>Aged 30-39</i>				
Female	1,049	9,549,127	1.10	15,206,394.2
Male	854	9,306,054	0.92	14,781,809.6
<i>Aged 40-49</i>				
Female	1,458	9,555,977	1.53	16,692,595.5
Male	1,573	9,283,183	1.69	16,186,661.3
<i>Aged 50-59</i>				
Female	1,869	10,787,991	1.73	19,861,162.5
Male	2,636	10,374,217	2.54	19,114,086.6
<i>Aged 60-69</i>				
Female	3,332	16,532,786	2.02	29,817,033.8
Male	4,916	15,012,670	3.27	26,966,993.1
<i>Aged 70+</i>				
Female	4,611	20,649,299	2.23	57,383,828.0
Male	6,419	16,128,328	3.98	43,563,603.0



**Table 6. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Sex; Cohort Re-Entry Allowed Once Each Age Group**

Age Group (Years) and Sex	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b><i>Minimal Change Disease Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code from the Original Codelist, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
Female	339	13,932,942	0.24	25,657,867.9
Male	555	14,559,916	0.38	26,835,258.3
<i>Aged 20-29</i>				
Female	317	11,656,152	0.27	16,102,205.1
Male	317	11,648,415	0.27	16,259,806.3
<i>Aged 30-39</i>				
Female	429	11,359,427	0.38	17,876,083.2
Male	399	11,165,533	0.36	17,428,120.9
<i>Aged 40-49</i>				
Female	538	10,984,276	0.49	18,910,026.7
Male	512	10,722,727	0.48	18,369,798.3
<i>Aged 50-59</i>				
Female	725	12,164,682	0.60	22,118,608.0
Male	874	11,725,882	0.75	21,295,127.1
<i>Aged 60-69</i>				
Female	1,567	18,282,173	0.86	33,650,295.9
Male	1,834	16,679,060	1.10	30,439,035.2
<i>Aged 70+</i>				
Female	2,865	21,126,708	1.36	58,846,045.7
Male	3,457	16,532,379	2.09	44,748,240.5
<b><i>Minimal Change Disease Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code from the Expanded Codelist, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
Female	402	13,932,942	0.29	25,657,867.9
Male	656	14,559,916	0.45	26,835,258.3
<i>Aged 20-29</i>				
Female	442	11,656,152	0.38	16,102,205.1
Male	468	11,648,415	0.40	16,259,806.3
<i>Aged 30-39</i>				
Female	639	11,359,427	0.56	17,876,083.2
Male	570	11,165,533	0.51	17,428,120.9
<i>Aged 40-49</i>				
Female	822	10,984,276	0.75	18,910,026.7
Male	742	10,722,727	0.69	18,369,798.3
<i>Aged 50-59</i>				
Female	1,046	12,164,682	0.86	22,118,608.0
Male	1,254	11,725,882	1.07	21,295,127.1
<i>Aged 60-69</i>				
Female	2,283	18,282,173	1.25	33,650,295.9
Male	2,636	16,679,060	1.58	30,439,035.2
<i>Aged 70+</i>				
Female	4,204	21,126,708	1.99	58,846,045.7
Male	5,085	16,532,379	3.08	44,748,240.5

**Table 6. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Sex; Cohort Re-Entry Allowed Once Each Age Group**

Age Group (Years) and Sex	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b><i>Minimal Change Disease Defined as the Presence of One Diagnosis Code from the Original Codelist, No Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
Female	671	16,424,660	0.41	30,028,398.8
Male	1,005	17,153,925	0.59	31,394,468.9
<i>Aged 20-29</i>				
Female	615	14,183,296	0.43	19,859,519.9
Male	629	14,247,665	0.44	19,984,422.0
<i>Aged 30-39</i>				
Female	882	13,196,018	0.67	21,003,320.4
Male	767	13,129,259	0.58	20,592,046.6
<i>Aged 40-49</i>				
Female	1,090	12,428,990	0.88	21,451,538.4
Male	1,006	12,195,224	0.82	20,899,878.8
<i>Aged 50-59</i>				
Female	1,477	13,574,843	1.09	24,660,572.5
Male	1,778	13,075,785	1.36	23,761,974.5
<i>Aged 60-69</i>				
Female	3,026	20,745,243	1.46	37,954,926.0
Male	3,839	18,942,421	2.03	34,372,591.4
<i>Aged 70+</i>				
Female	5,438	22,030,931	2.47	60,407,497.0
Male	6,694	17,253,844	3.88	46,002,465.6
<b><i>Minimal Change Disease Defined as the Presence of One Diagnosis Code from the Expanded Codelist, No Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
Female	895	16,424,660	0.54	30,028,398.8
Male	1,252	17,153,925	0.73	31,394,468.9
<i>Aged 20-29</i>				
Female	989	14,183,296	0.70	19,859,519.9
Male	935	14,247,665	0.66	19,984,422.0
<i>Aged 30-39</i>				
Female	1,561	13,196,018	1.18	21,003,320.4
Male	1,235	13,129,259	0.94	20,592,046.6
<i>Aged 40-49</i>				
Female	1,976	12,428,990	1.59	21,451,538.4
Male	1,651	12,195,224	1.35	20,899,878.8
<i>Aged 50-59</i>				
Female	2,624	13,574,843	1.93	24,660,572.5
Male	2,832	13,075,785	2.17	23,761,974.5
<i>Aged 60-69</i>				
Female	5,293	20,745,243	2.55	37,954,926.0
Male	6,127	18,942,421	3.23	34,372,591.4
<i>Aged 70+</i>				
Female	9,661	22,030,931	4.39	60,407,497.0
Male	11,562	17,253,844	6.70	46,002,465.6

**Table 6. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Sex; Cohort Re-Entry Allowed Once Each Age Group**

Age Group (Years) and Sex	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b><i>Minimal Change Disease Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code from the Original Codelist, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
Female	324	11,738,438	0.28	21,987,542.0
Male	531	12,281,378	0.43	23,002,899.7
<i>Aged 20-29</i>				
Female	294	9,405,794	0.31	13,136,257.1
Male	294	9,413,566	0.31	13,349,014.7
<i>Aged 30-39</i>				
Female	404	9,549,127	0.42	15,206,394.2
Male	381	9,306,054	0.41	14,781,809.6
<i>Aged 40-49</i>				
Female	534	9,555,977	0.56	16,692,595.5
Male	507	9,283,183	0.55	16,186,661.3
<i>Aged 50-59</i>				
Female	720	10,787,991	0.67	19,861,162.5
Male	869	10,374,217	0.84	19,114,086.6
<i>Aged 60-69</i>				
Female	1,547	16,532,786	0.94	29,817,033.8
Male	1,785	15,012,670	1.19	26,966,993.1
<i>Aged 70+</i>				
Female	3,077	20,649,299	1.49	57,383,828.0
Male	3,692	16,128,328	2.29	43,563,603.0
<b><i>Minimal Change Disease Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code from the Expanded Codelist, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
Female	386	11,738,438	0.33	21,987,542.0
Male	628	12,281,378	0.51	23,002,899.7
<i>Aged 20-29</i>				
Female	390	9,405,794	0.41	13,136,257.1
Male	417	9,413,566	0.44	13,349,014.7
<i>Aged 30-39</i>				
Female	576	9,549,127	0.60	15,206,394.2
Male	532	9,306,054	0.57	14,781,809.6
<i>Aged 40-49</i>				
Female	806	9,555,977	0.84	16,692,595.5
Male	740	9,283,183	0.80	16,186,661.3
<i>Aged 50-59</i>				
Female	1,050	10,787,991	0.97	19,861,162.5
Male	1,250	10,374,217	1.20	19,114,086.6
<i>Aged 60-69</i>				
Female	2,263	16,532,786	1.37	29,817,033.8
Male	2,578	15,012,670	1.72	26,966,993.1
<i>Aged 70+</i>				
Female	4,488	20,649,299	2.17	57,383,828.0
Male	5,379	16,128,328	3.34	43,563,603.0

**Table 6. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Sex; Cohort Re-Entry Allowed Once Each Age Group**

Age Group (Years) and Sex	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b><i>Membranoproliferative Glomerulonephritis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
Female	157	13,932,942	0.11	25,657,867.9
Male	154	14,559,916	0.11	26,835,258.3
<i>Aged 20-29</i>				
Female	229	11,656,152	0.20	16,102,205.1
Male	215	11,648,415	0.18	16,259,806.3
<i>Aged 30-39</i>				
Female	275	11,359,427	0.24	17,876,083.2
Male	225	11,165,533	0.20	17,428,120.9
<i>Aged 40-49</i>				
Female	300	10,984,276	0.27	18,910,026.7
Male	326	10,722,727	0.30	18,369,798.3
<i>Aged 50-59</i>				
Female	422	12,164,682	0.35	22,118,608.0
Male	553	11,725,882	0.47	21,295,127.1
<i>Aged 60-69</i>				
Female	774	18,282,173	0.42	33,650,295.9
Male	981	16,679,060	0.59	30,439,035.2
<i>Aged 70+</i>				
Female	1,067	21,126,708	0.51	58,846,045.7
Male	1,150	16,532,379	0.70	44,748,240.5
<b><i>Membranoproliferative Glomerulonephritis Defined as the Presence of One Diagnosis Code, No Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
Female	250	16,424,660	0.15	30,028,398.8
Male	269	17,153,925	0.16	31,394,468.9
<i>Aged 20-29</i>				
Female	387	14,183,296	0.27	19,859,519.9
Male	367	14,247,665	0.26	19,984,422.0
<i>Aged 30-39</i>				
Female	520	13,196,018	0.39	21,003,320.4
Male	408	13,129,259	0.31	20,592,046.6
<i>Aged 40-49</i>				
Female	553	12,428,990	0.44	21,451,538.4
Male	561	12,195,224	0.46	20,899,878.8
<i>Aged 50-59</i>				
Female	715	13,574,843	0.53	24,660,572.5
Male	948	13,075,785	0.73	23,761,974.5
<i>Aged 60-69</i>				
Female	1,338	20,745,243	0.64	37,954,926.0
Male	1,643	18,942,421	0.87	34,372,591.4
<i>Aged 70+</i>				
Female	1,777	22,030,931	0.81	60,407,497.0
Male	1,831	17,253,844	1.06	46,002,465.6

**Table 6. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Sex; Cohort Re-Entry Allowed Once Each Age Group**

Age Group (Years) and Sex	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b><i>Membranoproliferative Glomerulonephritis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
Female	145	11,738,438	0.12	21,987,542.0
Male	139	12,281,378	0.11	23,002,899.7
<i>Aged 20-29</i>				
Female	209	9,405,794	0.22	13,136,257.1
Male	206	9,413,566	0.22	13,349,014.7
<i>Aged 30-39</i>				
Female	270	9,549,127	0.28	15,206,394.2
Male	216	9,306,054	0.23	14,781,809.6
<i>Aged 40-49</i>				
Female	311	9,555,977	0.33	16,692,595.5
Male	329	9,283,183	0.35	16,186,661.3
<i>Aged 50-59</i>				
Female	430	10,787,991	0.40	19,861,162.5
Male	529	10,374,217	0.51	19,114,086.6
<i>Aged 60-69</i>				
Female	773	16,532,786	0.47	29,817,033.8
Male	955	15,012,670	0.64	26,966,993.1
<i>Aged 70+</i>				
Female	1,107	20,649,299	0.54	57,383,828.0
Male	1,196	16,128,328	0.74	43,563,603.0
<b><i>Crescentic/Necrotizing Glomerulonephritis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
Female	94	13,932,942	0.07	25,657,867.9
Male	74	14,559,916	0.05	26,835,258.3
<i>Aged 20-29</i>				
Female	120	11,656,152	0.10	16,102,205.1
Male	90	11,648,415	0.08	16,259,806.3
<i>Aged 30-39</i>				
Female	146	11,359,427	0.13	17,876,083.2
Male	134	11,165,533	0.12	17,428,120.9
<i>Aged 40-49</i>				
Female	204	10,984,276	0.19	18,910,026.7
Male	213	10,722,727	0.20	18,369,798.3
<i>Aged 50-59</i>				
Female	367	12,164,682	0.30	22,118,608.0
Male	400	11,725,882	0.34	21,295,127.1
<i>Aged 60-69</i>				
Female	1,069	18,282,173	0.58	33,650,295.9
Male	1,023	16,679,060	0.61	30,439,035.2
<i>Aged 70+</i>				
Female	2,369	21,126,708	1.12	58,846,045.7
Male	1,732	16,532,379	1.05	44,748,240.5

**Table 6. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Sex; Cohort Re-Entry Allowed Once Each Age Group**

Age Group (Years) and Sex	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b><i>Crescentic/Necrotizing Glomerulonephritis Defined as the Presence of One Diagnosis Code, No Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
Female	153	16,424,660	0.09	30,028,398.8
Male	116	17,153,925	0.07	31,394,468.9
<i>Aged 20-29</i>				
Female	209	14,183,296	0.15	19,859,519.9
Male	147	14,247,665	0.10	19,984,422.0
<i>Aged 30-39</i>				
Female	239	13,196,018	0.18	21,003,320.4
Male	222	13,129,259	0.17	20,592,046.6
<i>Aged 40-49</i>				
Female	310	12,428,990	0.25	21,451,538.4
Male	311	12,195,224	0.26	20,899,878.8
<i>Aged 50-59</i>				
Female	555	13,574,843	0.41	24,660,572.5
Male	599	13,075,785	0.46	23,761,974.5
<i>Aged 60-69</i>				
Female	1,517	20,745,243	0.73	37,954,926.0
Male	1,500	18,942,421	0.79	34,372,591.4
<i>Aged 70+</i>				
Female	3,075	22,030,931	1.40	60,407,497.0
Male	2,300	17,253,844	1.33	46,002,465.6
<b><i>Crescentic/Necrotizing Glomerulonephritis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
Female	84	11,738,438	0.07	21,987,542.0
Male	65	12,281,378	0.05	23,002,899.7
<i>Aged 20-29</i>				
Female	99	9,405,794	0.11	13,136,257.1
Male	76	9,413,566	0.08	13,349,014.7
<i>Aged 30-39</i>				
Female	127	9,549,127	0.13	15,206,394.2
Male	118	9,306,054	0.13	14,781,809.6
<i>Aged 40-49</i>				
Female	191	9,555,977	0.20	16,692,595.5
Male	190	9,283,183	0.20	16,186,661.3
<i>Aged 50-59</i>				
Female	347	10,787,991	0.32	19,861,162.5
Male	376	10,374,217	0.36	19,114,086.6
<i>Aged 60-69</i>				
Female	1,007	16,532,786	0.61	29,817,033.8
Male	940	15,012,670	0.63	26,966,993.1
<i>Aged 70+</i>				
Female	2,358	20,649,299	1.14	57,383,828.0
Male	1,727	16,128,328	1.07	43,563,603.0

**Table 6. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Sex; Cohort Re-Entry Allowed Once Each Age Group**

Age Group (Years) and Sex	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b><i>Lupus Nephritis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
Female	888	13,932,942	0.64	25,657,867.9
Male	215	14,559,916	0.15	26,835,258.3
<i>Aged 20-29</i>				
Female	4,382	11,656,152	3.76	16,102,205.1
Male	814	11,648,415	0.70	16,259,806.3
<i>Aged 30-39</i>				
Female	7,019	11,359,427	6.18	17,876,083.2
Male	1,205	11,165,533	1.08	17,428,120.9
<i>Aged 40-49</i>				
Female	7,058	10,984,276	6.43	18,910,026.7
Male	1,272	10,722,727	1.19	18,369,798.3
<i>Aged 50-59</i>				
Female	6,497	12,164,682	5.34	22,118,608.0
Male	1,253	11,725,882	1.07	21,295,127.1
<i>Aged 60-69</i>				
Female	5,639	18,282,173	3.08	33,650,295.9
Male	1,333	16,679,060	0.80	30,439,035.2
<i>Aged 70+</i>				
Female	3,843	21,126,708	1.82	58,846,045.7
Male	1,141	16,532,379	0.69	44,748,240.5
<b><i>Lupus Nephritis Defined as the Presence of One Diagnosis Code, No Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
Female	1,125	16,424,660	0.68	30,028,398.8
Male	317	17,153,925	0.18	31,394,468.9
<i>Aged 20-29</i>				
Female	5,746	14,183,296	4.05	19,859,519.9
Male	1,112	14,247,665	0.78	19,984,422.0
<i>Aged 30-39</i>				
Female	9,316	13,196,018	7.06	21,003,320.4
Male	1,629	13,129,259	1.24	20,592,046.6
<i>Aged 40-49</i>				
Female	9,951	12,428,990	8.01	21,451,538.4
Male	1,806	12,195,224	1.48	20,899,878.8
<i>Aged 50-59</i>				
Female	9,595	13,574,843	7.07	24,660,572.5
Male	1,889	13,075,785	1.44	23,761,974.5
<i>Aged 60-69</i>				
Female	8,997	20,745,243	4.34	37,954,926.0
Male	2,117	18,942,421	1.12	34,372,591.4
<i>Aged 70+</i>				
Female	6,579	22,030,931	2.99	60,407,497.0
Male	2,012	17,253,844	1.17	46,002,465.6

**Table 6. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Sex; Cohort Re-Entry Allowed Once Each Age Group**

Age Group (Years) and Sex	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b><i>Lupus Nephritis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
Female	771	11,738,438	0.66	21,987,542.0
Male	186	12,281,378	0.15	23,002,899.7
<i>Aged 20-29</i>				
Female	3,809	9,405,794	4.05	13,136,257.1
Male	708	9,413,566	0.75	13,349,014.7
<i>Aged 30-39</i>				
Female	6,549	9,549,127	6.86	15,206,394.2
Male	1,120	9,306,054	1.20	14,781,809.6
<i>Aged 40-49</i>				
Female	6,757	9,555,977	7.07	16,692,595.5
Male	1,236	9,283,183	1.33	16,186,661.3
<i>Aged 50-59</i>				
Female	6,405	10,787,991	5.94	19,861,162.5
Male	1,226	10,374,217	1.18	19,114,086.6
<i>Aged 60-69</i>				
Female	5,543	16,532,786	3.35	29,817,033.8
Male	1,303	15,012,670	0.87	26,966,993.1
<i>Aged 70+</i>				
Female	3,993	20,649,299	1.93	57,383,828.0
Male	1,170	16,128,328	0.73	43,563,603.0
<b><i>Diabetic Nephropathy Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
Female	249	13,932,942	0.18	25,657,867.9
Male	210	14,559,916	0.14	26,835,258.3
<i>Aged 20-29</i>				
Female	2,286	11,656,152	1.96	16,102,205.1
Male	1,706	11,648,415	1.46	16,259,806.3
<i>Aged 30-39</i>				
Female	9,358	11,359,427	8.24	17,876,083.2
Male	10,243	11,165,533	9.17	17,428,120.9
<i>Aged 40-49</i>				
Female	24,406	10,984,276	22.22	18,910,026.7
Male	33,913	10,722,727	31.63	18,369,798.3
<i>Aged 50-59</i>				
Female	62,902	12,164,682	51.71	22,118,608.0
Male	88,990	11,725,882	75.89	21,295,127.1
<i>Aged 60-69</i>				
Female	176,827	18,282,173	96.72	33,650,295.9
Male	217,345	16,679,060	130.31	30,439,035.2
<i>Aged 70+</i>				
Female	381,152	21,126,708	180.41	58,846,045.7
Male	417,170	16,532,379	252.34	44,748,240.5



**Table 6. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Sex; Cohort Re-Entry Allowed Once Each Age Group**

Age Group (Years) and Sex	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b><i>Diabetic Nephropathy Defined as the Presence of One Diagnosis Code, No Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
Female	605	16,424,660	0.37	30,028,398.8
Male	469	17,153,925	0.27	31,394,468.9
<i>Aged 20-29</i>				
Female	4,808	14,183,296	3.39	19,859,519.9
Male	3,684	14,247,665	2.59	19,984,422.0
<i>Aged 30-39</i>				
Female	16,852	13,196,018	12.77	21,003,320.4
Male	18,708	13,129,259	14.25	20,592,046.6
<i>Aged 40-49</i>				
Female	44,101	12,428,990	35.48	21,451,538.4
Male	60,363	12,195,224	49.50	20,899,878.8
<i>Aged 50-59</i>				
Female	111,186	13,574,843	81.91	24,660,572.5
Male	154,274	13,075,785	117.98	23,761,974.5
<i>Aged 60-69</i>				
Female	304,858	20,745,243	146.95	37,954,926.0
Male	370,157	18,942,421	195.41	34,372,591.4
<i>Aged 70+</i>				
Female	619,385	22,030,931	281.14	60,407,497.0
Male	663,434	17,253,844	384.51	46,002,465.6
<b><i>Diabetic Nephropathy Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
Female	248	11,738,438	0.21	21,987,542.0
Male	206	12,281,378	0.17	23,002,899.7
<i>Aged 20-29</i>				
Female	2,082	9,405,794	2.21	13,136,257.1
Male	1,575	9,413,566	1.67	13,349,014.7
<i>Aged 30-39</i>				
Female	8,948	9,549,127	9.37	15,206,394.2
Male	9,764	9,306,054	10.49	14,781,809.6
<i>Aged 40-49</i>				
Female	24,031	9,555,977	25.15	16,692,595.5
Male	33,123	9,283,183	35.68	16,186,661.3
<i>Aged 50-59</i>				
Female	62,061	10,787,991	57.53	19,861,162.5
Male	87,605	10,374,217	84.44	19,114,086.6
<i>Aged 60-69</i>				
Female	175,799	16,532,786	106.33	29,817,033.8
Male	215,292	15,012,670	143.41	26,966,993.1
<i>Aged 70+</i>				
Female	395,859	20,649,299	191.71	57,383,828.0
Male	433,845	16,128,328	269.00	43,563,603.0

**Table 6. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Sex; Cohort Re-Entry Allowed Once Each Age Group**

Age Group (Years) and Sex	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b><i>Nephrotic Syndrome Defined as the Presence of One Diagnosis Code in an Inpatient or Institutional Stay Setting or Two Diagnosis Codes in an Ambulatory Care Setting with the Second Code Occurring One to 183 Days After the First Code, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
Female	1,521	13,932,942	1.09	25,657,867.9
Male	2,111	14,559,916	1.45	26,835,258.3
<i>Aged 20-29</i>				
Female	1,557	11,656,152	1.34	16,102,205.1
Male	1,361	11,648,415	1.17	16,259,806.3
<i>Aged 30-39</i>				
Female	2,421	11,359,427	2.13	17,876,083.2
Male	2,108	11,165,533	1.89	17,428,120.9
<i>Aged 40-49</i>				
Female	2,969	10,984,276	2.70	18,910,026.7
Male	3,380	10,722,727	3.15	18,369,798.3
<i>Aged 50-59</i>				
Female	4,195	12,164,682	3.45	22,118,608.0
Male	5,712	11,725,882	4.87	21,295,127.1
<i>Aged 60-69</i>				
Female	7,743	18,282,173	4.24	33,650,295.9
Male	10,582	16,679,060	6.34	30,439,035.2
<i>Aged 70+</i>				
Female	11,657	21,126,708	5.52	58,846,045.7
Male	14,862	16,532,379	8.99	44,748,240.5
<b><i>Nephrotic Syndrome Defined as the Presence of One Diagnosis Code, No Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
Female	2,512	16,424,660	1.53	30,028,398.8
Male	3,311	17,153,925	1.93	31,394,468.9
<i>Aged 20-29</i>				
Female	3,457	14,183,296	2.44	19,859,519.9
Male	2,855	14,247,665	2.00	19,984,422.0
<i>Aged 30-39</i>				
Female	5,488	13,196,018	4.16	21,003,320.4
Male	4,761	13,129,259	3.63	20,592,046.6
<i>Aged 40-49</i>				
Female	7,136	12,428,990	5.74	21,451,538.4
Male	7,790	12,195,224	6.39	20,899,878.8
<i>Aged 50-59</i>				
Female	9,941	13,574,843	7.32	24,660,572.5
Male	13,566	13,075,785	10.37	23,761,974.5
<i>Aged 60-69</i>				
Female	18,502	20,745,243	8.92	37,954,926.0
Male	24,583	18,942,421	12.98	34,372,591.4
<i>Aged 70+</i>				
Female	28,422	22,030,931	12.90	60,407,497.0
Male	34,282	17,253,844	19.87	46,002,465.6

**Table 6. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Sex; Cohort Re-Entry Allowed Once Each Age Group**

Age Group (Years) and Sex	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b><i>Nephrotic Syndrome Defined as the Presence of One Diagnosis Code in an Inpatient or Institutional Stay Setting or Two Diagnosis Codes in an Ambulatory Care Setting with the Second Code Occurring One to 365 Days After the First Code, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
Female	1,383	11,738,438	1.18	21,987,542.0
Male	1,936	12,281,378	1.58	23,002,899.7
<i>Aged 20-29</i>				
Female	1,378	9,405,794	1.47	13,136,257.1
Male	1,242	9,413,566	1.32	13,349,014.7
<i>Aged 30-39</i>				
Female	2,281	9,549,127	2.39	15,206,394.2
Male	1,978	9,306,054	2.13	14,781,809.6
<i>Aged 40-49</i>				
Female	2,880	9,555,977	3.01	16,692,595.5
Male	3,249	9,283,183	3.50	16,186,661.3
<i>Aged 50-59</i>				
Female	4,119	10,787,991	3.82	19,861,162.5
Male	5,530	10,374,217	5.33	19,114,086.6
<i>Aged 60-69</i>				
Female	7,455	16,532,786	4.51	29,817,033.8
Male	10,306	15,012,670	6.86	26,966,993.1
<i>Aged 70+</i>				
Female	12,068	20,649,299	5.84	57,383,828.0
Male	15,447	16,128,328	9.58	43,563,603.0

<sup>1</sup>Eligible Members and Member-years are reflective of the number of patients that met all cohort entry criteria on at least one day during the query period.

**Table 7. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Year; Cohort Re-Entry Allowed Once Each Age Group-Year**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b><i>Focal Segmental Glomerulosclerosis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code from the Original Codelist, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
2016	*****	14,359,017	0.05	3,407,680.5
2017	203	16,758,086	0.12	13,210,867.7
2018	204	16,500,744	0.12	13,048,369.6
2019	221	16,567,760	0.13	12,770,835.0
2020	181	14,177,785	0.13	10,030,172.8
2021	*****	160,814	0.06	25,200.6
<i>Aged 20-29</i>				
2016	*****	8,922,284	0.15	2,037,767.1
2017	367	11,575,672	0.32	8,009,662.7
2018	370	11,487,501	0.32	7,973,289.7
2019	399	11,517,956	0.35	7,826,861.3
2020	355	10,221,859	0.35	6,497,531.3
2021	*****	110,064	0.18	16,899.2
<i>Aged 30-39</i>				
2016	*****	9,587,680	0.22	2,222,236.5
2017	519	11,903,797	0.44	8,689,613.9
2018	622	11,853,141	0.52	8,683,426.4
2019	698	11,951,052	0.58	8,526,045.5
2020	658	10,675,695	0.62	7,159,074.1
2021	*****	153,669	0.26	23,807.8
<i>Aged 40-49</i>				
2016	*****	10,280,791	0.23	2,412,748.4
2017	625	12,235,596	0.51	9,328,552.3
2018	772	11,982,392	0.64	9,177,440.8
2019	901	11,948,736	0.75	8,902,362.2
2020	785	10,697,551	0.73	7,427,454.6
2021	*****	201,449	0.40	31,266.6
<i>Aged 50-59</i>				
2016	355	12,095,516	0.29	2,860,591.6
2017	838	14,017,540	0.60	10,977,498.0
2018	917	13,557,195	0.68	10,662,087.6
2019	1,147	13,413,486	0.86	10,253,830.5
2020	1,057	12,083,227	0.87	8,601,476.9
2021	22	374,119	0.59	58,250.5
<i>Aged 60-69</i>				
2016	512	16,796,019	0.30	3,940,222.5
2017	1,184	19,534,443	0.61	15,204,681.9
2018	1,438	19,450,811	0.74	15,213,174.6
2019	1,645	19,791,705	0.83	15,230,380.3
2020	1,611	19,150,918	0.84	14,324,080.9
2021	34	1,131,926	0.30	176,791.0

**Table 7. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Year; Cohort Re-Entry Allowed Once Each Age Group-Year**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 70+</i>				
2016	625	24,569,652	0.25	6,041,645.1
2017	1,504	26,367,057	0.57	23,834,103.0
2018	1,850	26,870,810	0.69	24,229,308.9
2019	2,109	27,537,060	0.77	24,654,142.8
2020	2,140	27,706,651	0.77	24,488,841.7
2021	53	2,175,774	0.24	346,244.7
<b><i>Focal Segmental Glomerulosclerosis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code from the Expanded Codelist, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
2016	*****	14,359,017	0.15	3,407,680.5
2017	476	16,758,086	0.28	13,210,867.7
2018	484	16,500,744	0.29	13,048,369.6
2019	501	16,567,760	0.30	12,770,835.0
2020	428	14,177,785	0.30	10,030,172.8
2021	*****	160,814	0.06	25,200.6
<i>Aged 20-29</i>				
2016	*****	8,922,284	0.41	2,037,767.1
2017	884	11,575,672	0.76	8,009,662.7
2018	887	11,487,501	0.77	7,973,289.7
2019	934	11,517,956	0.81	7,826,861.3
2020	824	10,221,859	0.81	6,497,531.3
2021	*****	110,064	0.27	16,899.2
<i>Aged 30-39</i>				
2016	*****	9,587,680	0.59	2,222,236.5
2017	1,370	11,903,797	1.15	8,689,613.9
2018	1,511	11,853,141	1.27	8,683,426.4
2019	1,607	11,951,052	1.34	8,526,045.5
2020	1,461	10,675,695	1.37	7,159,074.1
2021	*****	153,669	0.39	23,807.8
<i>Aged 40-49</i>				
2016	691	10,280,791	0.67	2,412,748.4
2017	1,739	12,235,596	1.42	9,328,552.3
2018	1,877	11,982,392	1.57	9,177,440.8
2019	2,061	11,948,736	1.72	8,902,362.2
2020	1,764	10,697,551	1.65	7,427,454.6
2021	17	201,449	0.84	31,266.6
<i>Aged 50-59</i>				
2016	877	12,095,516	0.73	2,860,591.6
2017	2,060	14,017,540	1.47	10,977,498.0
2018	2,240	13,557,195	1.65	10,662,087.6
2019	2,534	13,413,486	1.89	10,253,830.5
2020	2,311	12,083,227	1.91	8,601,476.9
2021	41	374,119	1.10	58,250.5

**Table 7. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Year; Cohort Re-Entry Allowed Once Each Age Group-Year**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 60-69</i>				
2016	1,246	16,796,019	0.74	3,940,222.5
2017	2,899	19,534,443	1.48	15,204,681.9
2018	3,279	19,450,811	1.69	15,213,174.6
2019	3,568	19,791,705	1.80	15,230,380.3
2020	3,401	19,150,918	1.78	14,324,080.9
2021	70	1,131,926	0.62	176,791.0
<i>Aged 70+</i>				
2016	1,420	24,569,652	0.58	6,041,645.1
2017	3,442	26,367,057	1.31	23,834,103.0
2018	3,873	26,870,810	1.44	24,229,308.9
2019	4,326	27,537,060	1.57	24,654,142.8
2020	4,266	27,706,651	1.54	24,488,841.7
2021	117	2,175,774	0.54	346,244.7
<b><i>Focal Segmental Glomerulosclerosis Defined as the Presence of One Diagnosis Code from the Original Codelist, No Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
2016	*****	16,123,398	0.07	3,879,688.6
2017	329	19,197,315	0.17	15,493,906.6
2018	352	19,022,869	0.19	15,231,628.5
2019	382	19,177,493	0.20	15,061,555.0
2020	303	16,111,474	0.19	11,725,898.6
2021	*****	192,879	0.05	30,190.4
<i>Aged 20-29</i>				
2016	*****	10,530,967	0.19	2,454,333.4
2017	603	13,933,956	0.43	9,925,423.3
2018	679	13,923,159	0.49	9,800,670.8
2019	701	14,049,149	0.50	9,722,934.2
2020	612	12,103,887	0.51	7,918,449.1
2021	*****	144,251	0.35	22,131.1
<i>Aged 30-39</i>				
2016	*****	10,830,517	0.30	2,550,186.7
2017	884	13,676,950	0.65	10,287,471.7
2018	1,033	13,681,640	0.76	10,209,805.7
2019	1,151	13,854,635	0.83	10,118,388.1
2020	1,071	12,175,381	0.88	8,399,641.7
2021	*****	193,560	0.52	29,873.1
<i>Aged 40-49</i>				
2016	366	11,233,155	0.33	2,668,048.1
2017	1,112	13,582,804	0.82	10,648,656.8
2018	1,291	13,365,679	0.97	10,387,902.0
2019	1,489	13,385,914	1.11	10,184,428.0
2020	1,371	11,853,835	1.16	8,423,476.5
2021	17	252,003	0.67	38,905.8

**Table 7. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Year; Cohort Re-Entry Allowed Once Each Age Group-Year**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 50-59</i>				
2016	505	12,971,907	0.39	3,103,769.4
2017	1,366	15,228,257	0.90	12,291,877.8
2018	1,555	14,783,775	1.05	11,815,790.8
2019	1,842	14,724,559	1.25	11,529,083.2
2020	1,769	13,213,357	1.34	9,608,821.5
2021	41	473,604	0.87	73,204.2
<i>Aged 60-69</i>				
2016	766	18,159,505	0.42	4,342,746.9
2017	1,959	21,378,145	0.92	17,092,817.4
2018	2,322	21,410,615	1.08	17,054,060.7
2019	2,656	21,980,477	1.21	17,299,998.2
2020	2,683	21,351,596	1.26	16,296,933.6
2021	68	1,553,193	0.44	240,960.7
<i>Aged 70+</i>				
2016	880	24,796,551	0.35	6,112,660.4
2017	2,358	26,720,601	0.88	24,376,525.4
2018	2,782	27,298,340	1.02	24,817,212.8
2019	3,279	28,041,273	1.17	25,396,742.4
2020	3,660	28,354,913	1.29	25,295,004.7
2021	97	2,608,323	0.37	411,816.9
<b><i>Focal Segmental Glomerulosclerosis Defined as the Presence of One Diagnosis Code from the Expanded Codelist, No Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
2016	*****	16,123,398	0.20	3,879,688.6
2017	674	19,197,315	0.35	15,493,906.6
2018	707	19,022,869	0.37	15,231,628.5
2019	720	19,177,493	0.38	15,061,555.0
2020	604	16,111,474	0.37	11,725,898.6
2021	*****	192,879	0.05	30,190.4
<i>Aged 20-29</i>				
2016	*****	10,530,967	0.53	2,454,333.4
2017	1,410	13,933,956	1.01	9,925,423.3
2018	1,458	13,923,159	1.05	9,800,670.8
2019	1,467	14,049,149	1.04	9,722,934.2
2020	1,286	12,103,887	1.06	7,918,449.1
2021	*****	144,251	0.42	22,131.1
<i>Aged 30-39</i>				
2016	871	10,830,517	0.80	2,550,186.7
2017	2,239	13,676,950	1.64	10,287,471.7
2018	2,352	13,681,640	1.72	10,209,805.7
2019	2,482	13,854,635	1.79	10,118,388.1
2020	2,229	12,175,381	1.83	8,399,641.7
2021	23	193,560	1.19	29,873.1

**Table 7. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Year; Cohort Re-Entry Allowed Once Each Age Group-Year**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 40-49</i>				
2016	1,070	11,233,155	0.95	2,668,048.1
2017	2,892	13,582,804	2.13	10,648,656.8
2018	3,073	13,365,679	2.30	10,387,902.0
2019	3,278	13,385,914	2.45	10,184,428.0
2020	2,848	11,853,835	2.40	8,423,476.5
2021	34	252,003	1.35	38,905.8
<i>Aged 50-59</i>				
2016	1,333	12,971,907	1.03	3,103,769.4
2017	3,389	15,228,257	2.23	12,291,877.8
2018	3,606	14,783,775	2.44	11,815,790.8
2019	3,915	14,724,559	2.66	11,529,083.2
2020	3,618	13,213,357	2.74	9,608,821.5
2021	74	473,604	1.56	73,204.2
<i>Aged 60-69</i>				
2016	1,916	18,159,505	1.06	4,342,746.9
2017	4,608	21,378,145	2.16	17,092,817.4
2018	5,096	21,410,615	2.38	17,054,060.7
2019	5,503	21,980,477	2.50	17,299,998.2
2020	5,304	21,351,596	2.48	16,296,933.6
2021	138	1,553,193	0.89	240,960.7
<i>Aged 70+</i>				
2016	2,062	24,796,551	0.83	6,112,660.4
2017	5,138	26,720,601	1.92	24,376,525.4
2018	5,677	27,298,340	2.08	24,817,212.8
2019	6,430	28,041,273	2.29	25,396,742.4
2020	6,616	28,354,913	2.33	25,295,004.7
2021	196	2,608,323	0.75	411,816.9
<b><i>Focal Segmental Glomerulosclerosis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code from the Original Codelist, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
2016	*****	12,797,992	0.06	2,808,525.1
2017	194	13,578,130	0.14	11,309,927.5
2018	190	13,529,994	0.14	11,286,321.4
2019	218	13,325,458	0.16	10,909,953.1
2020	180	12,373,541	0.15	8,653,875.8
2021	*****	139,411	0.07	21,838.7
<i>Aged 20-29</i>				
2016	*****	7,647,194	0.16	1,607,427.5
2017	342	8,856,978	0.39	6,509,683.1
2018	353	8,964,815	0.39	6,595,420.6
2019	368	8,813,481	0.42	6,389,871.0
2020	335	8,618,688	0.39	5,368,916.1
2021	*****	90,862	0.22	13,953.6



**Table 7. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Year; Cohort Re-Entry Allowed Once Each Age Group-Year**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 30-39</i>				
2016	*****	8,417,519	0.24	1,799,857.2
2017	496	9,512,633	0.52	7,346,904.2
2018	637	9,615,925	0.66	7,448,390.3
2019	678	9,547,691	0.71	7,232,797.2
2020	638	9,266,665	0.69	6,139,930.2
2021	*****	131,196	0.38	20,324.8
<i>Aged 40-49</i>				
2016	*****	9,329,472	0.25	2,036,002.8
2017	615	10,187,929	0.60	8,183,879.5
2018	773	10,157,208	0.76	8,176,445.4
2019	887	9,949,220	0.89	7,836,638.4
2020	807	9,591,207	0.84	6,619,131.0
2021	*****	175,198	0.57	27,159.8
<i>Aged 50-59</i>				
2016	326	11,146,207	0.29	2,469,217.8
2017	850	11,931,083	0.71	9,803,852.4
2018	911	11,784,381	0.77	9,676,678.7
2019	1,129	11,385,069	0.99	9,178,527.1
2020	1,055	10,995,691	0.96	7,795,868.0
2021	22	328,906	0.67	51,105.0
<i>Aged 60-69</i>				
2016	507	15,257,962	0.33	3,449,290.4
2017	1,179	16,857,225	0.70	13,492,345.0
2018	1,369	16,927,791	0.81	13,585,370.7
2019	1,580	16,875,046	0.94	13,440,852.8
2020	1,599	17,275,695	0.93	12,660,334.6
2021	34	999,849	0.34	155,833.3
<i>Aged 70+</i>				
2016	655	24,271,150	0.27	5,868,593.9
2017	1,583	25,411,820	0.62	23,299,305.4
2018	1,917	25,850,021	0.74	23,694,461.3
2019	2,216	26,219,632	0.85	23,966,022.1
2020	2,267	27,218,495	0.83	23,783,904.4
2021	59	2,107,304	0.28	335,143.8

***Focal Segmental Glomerulosclerosis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code from the Expanded Codelist, 365 Days of Pre-Diagnosis Enrollment Required***

<i>Aged 0-19</i>				
2016	*****	12,797,992	0.16	2,808,525.1
2017	449	13,578,130	0.33	11,309,927.5
2018	439	13,529,994	0.32	11,286,321.4
2019	479	13,325,458	0.36	10,909,953.1
2020	401	12,373,541	0.32	8,653,875.8
2021	*****	139,411	0.07	21,838.7

**Table 7. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Year; Cohort Re-Entry Allowed Once Each Age Group-Year**

<b>Age Group (Years)</b>	<b>Patients Meeting Disease Definition</b>	<b>Eligible Members<sup>1</sup></b>	<b>Patients Meeting Disease Definition per 10,000 Eligible Members</b>	<b>Eligible Member Years<sup>1</sup></b>
<i>Aged 20-29</i>				
2016	*****	7,647,194	0.45	1,607,427.5
2017	840	8,856,978	0.95	6,509,683.1
2018	840	8,964,815	0.94	6,595,420.6
2019	862	8,813,481	0.98	6,389,871.0
2020	780	8,618,688	0.91	5,368,916.1
2021	*****	90,862	0.33	13,953.6
<i>Aged 30-39</i>				
2016	*****	8,417,519	0.67	1,799,857.2
2017	1,355	9,512,633	1.42	7,346,904.2
2018	1,512	9,615,925	1.57	7,448,390.3
2019	1,579	9,547,691	1.65	7,232,797.2
2020	1,436	9,266,665	1.55	6,139,930.2
2021	*****	131,196	0.46	20,324.8
<i>Aged 40-49</i>				
2016	661	9,329,472	0.71	2,036,002.8
2017	1,745	10,187,929	1.71	8,183,879.5
2018	1,909	10,157,208	1.88	8,176,445.4
2019	2,067	9,949,220	2.08	7,836,638.4
2020	1,838	9,591,207	1.92	6,619,131.0
2021	17	175,198	0.97	27,159.8
<i>Aged 50-59</i>				
2016	852	11,146,207	0.76	2,469,217.8
2017	2,065	11,931,083	1.73	9,803,852.4
2018	2,267	11,784,381	1.92	9,676,678.7
2019	2,535	11,385,069	2.23	9,178,527.1
2020	2,341	10,995,691	2.13	7,795,868.0
2021	41	328,906	1.25	51,105.0
<i>Aged 60-69</i>				
2016	1,251	15,257,962	0.82	3,449,290.4
2017	2,911	16,857,225	1.73	13,492,345.0
2018	3,217	16,927,791	1.90	13,585,370.7
2019	3,529	16,875,046	2.09	13,440,852.8
2020	3,406	17,275,695	1.97	12,660,334.6
2021	72	999,849	0.72	155,833.3
<i>Aged 70+</i>				
2016	1,514	24,271,150	0.62	5,868,593.9
2017	3,653	25,411,820	1.44	23,299,305.4
2018	4,082	25,850,021	1.58	23,694,461.3
2019	4,570	26,219,632	1.74	23,966,022.1
2020	4,552	27,218,495	1.67	23,783,904.4
2021	123	2,107,304	0.58	335,143.8

**Table 7. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Year; Cohort Re-Entry Allowed Once Each Age Group-Year**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b><i>Membranous Nephropathy Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code from the Original Codelist, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
2016	22	14,359,017	0.02	3,407,680.5
2017	44	16,758,086	0.03	13,210,867.7
2018	36	16,500,744	0.02	13,048,369.6
2019	28	16,567,760	0.02	12,770,835.0
2020	19	14,177,785	0.01	10,030,172.8
2021	0	160,814	0.00	25,200.6
<i>Aged 20-29</i>				
2016	*****	8,922,284	0.07	2,037,767.1
2017	114	11,575,672	0.10	8,009,662.7
2018	93	11,487,501	0.08	7,973,289.7
2019	74	11,517,956	0.06	7,826,861.3
2020	62	10,221,859	0.06	6,497,531.3
2021	*****	110,064	0.09	16,899.2
<i>Aged 30-39</i>				
2016	87	9,587,680	0.09	2,222,236.5
2017	197	11,903,797	0.17	8,689,613.9
2018	184	11,853,141	0.16	8,683,426.4
2019	161	11,951,052	0.13	8,526,045.5
2020	139	10,675,695	0.13	7,159,074.1
2021	0	153,669	0.00	23,807.8
<i>Aged 40-49</i>				
2016	*****	10,280,791	0.12	2,412,748.4
2017	304	12,235,596	0.25	9,328,552.3
2018	280	11,982,392	0.23	9,177,440.8
2019	310	11,948,736	0.26	8,902,362.2
2020	255	10,697,551	0.24	7,427,454.6
2021	*****	201,449	0.10	31,266.6
<i>Aged 50-59</i>				
2016	*****	12,095,516	0.19	2,860,591.6
2017	502	14,017,540	0.36	10,977,498.0
2018	521	13,557,195	0.38	10,662,087.6
2019	483	13,413,486	0.36	10,253,830.5
2020	418	12,083,227	0.35	8,601,476.9
2021	*****	374,119	0.24	58,250.5
<i>Aged 60-69</i>				
2016	412	16,796,019	0.25	3,940,222.5
2017	912	19,534,443	0.47	15,204,681.9
2018	912	19,450,811	0.47	15,213,174.6
2019	980	19,791,705	0.50	15,230,380.3
2020	893	19,150,918	0.47	14,324,080.9
2021	22	1,131,926	0.19	176,791.0

**Table 7. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Year; Cohort Re-Entry Allowed Once Each Age Group-Year**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b>Aged 70+</b>				
2016	563	24,569,652	0.23	6,041,645.1
2017	1,207	26,367,057	0.46	23,834,103.0
2018	1,330	26,870,810	0.49	24,229,308.9
2019	1,329	27,537,060	0.48	24,654,142.8
2020	1,286	27,706,651	0.46	24,488,841.7
2021	41	2,175,774	0.19	346,244.7
<b>Membranous Nephropathy Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code from the Expanded Codelist, 183 Days of Pre-Diagnosis Enrollment Required</b>				
<b>Aged 0-19</b>				
2016	97	14,359,017	0.07	3,407,680.5
2017	210	16,758,086	0.13	13,210,867.7
2018	192	16,500,744	0.12	13,048,369.6
2019	173	16,567,760	0.10	12,770,835.0
2020	105	14,177,785	0.07	10,030,172.8
2021	0	160,814	0.00	25,200.6
<b>Aged 20-29</b>				
2016	*****	8,922,284	0.26	2,037,767.1
2017	412	11,575,672	0.36	8,009,662.7
2018	415	11,487,501	0.36	7,973,289.7
2019	372	11,517,956	0.32	7,826,861.3
2020	255	10,221,859	0.25	6,497,531.3
2021	*****	110,064	0.27	16,899.2
<b>Aged 30-39</b>				
2016	*****	9,587,680	0.43	2,222,236.5
2017	851	11,903,797	0.71	8,689,613.9
2018	776	11,853,141	0.65	8,683,426.4
2019	752	11,951,052	0.63	8,526,045.5
2020	606	10,675,695	0.57	7,159,074.1
2021	*****	153,669	0.33	23,807.8
<b>Aged 40-49</b>				
2016	*****	10,280,791	0.64	2,412,748.4
2017	1,298	12,235,596	1.06	9,328,552.3
2018	1,298	11,982,392	1.08	9,177,440.8
2019	1,268	11,948,736	1.06	8,902,362.2
2020	1,021	10,697,551	0.95	7,427,454.6
2021	*****	201,449	0.40	31,266.6
<b>Aged 50-59</b>				
2016	1,044	12,095,516	0.86	2,860,591.6
2017	2,002	14,017,540	1.43	10,977,498.0
2018	1,990	13,557,195	1.47	10,662,087.6
2019	1,906	13,413,486	1.42	10,253,830.5
2020	1,590	12,083,227	1.32	8,601,476.9
2021	24	374,119	0.64	58,250.5

**Table 7. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Year; Cohort Re-Entry Allowed Once Each Age Group-Year**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 60-69</i>				
2016	1,787	16,796,019	1.06	3,940,222.5
2017	3,514	19,534,443	1.80	15,204,681.9
2018	3,538	19,450,811	1.82	15,213,174.6
2019	3,605	19,791,705	1.82	15,230,380.3
2020	3,192	19,150,918	1.67	14,324,080.9
2021	96	1,131,926	0.85	176,791.0
<i>Aged 70+</i>				
2016	2,353	24,569,652	0.96	6,041,645.1
2017	4,665	26,367,057	1.77	23,834,103.0
2018	5,012	26,870,810	1.87	24,229,308.9
2019	5,171	27,537,060	1.88	24,654,142.8
2020	4,771	27,706,651	1.72	24,488,841.7
2021	151	2,175,774	0.69	346,244.7
<b><i>Membranous Nephropathy Defined as the Presence of One Diagnosis Code from the Original Codelist, No Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
2016	29	16,123,398	0.02	3,879,688.6
2017	84	19,197,315	0.04	15,493,906.6
2018	61	19,022,869	0.03	15,231,628.5
2019	54	19,177,493	0.03	15,061,555.0
2020	42	16,111,474	0.03	11,725,898.6
2021	0	192,879	0.00	30,190.4
<i>Aged 20-29</i>				
2016	*****	10,530,967	0.08	2,454,333.4
2017	184	13,933,956	0.13	9,925,423.3
2018	156	13,923,159	0.11	9,800,670.8
2019	131	14,049,149	0.09	9,722,934.2
2020	113	12,103,887	0.09	7,918,449.1
2021	*****	144,251	0.07	22,131.1
<i>Aged 30-39</i>				
2016	*****	10,830,517	0.11	2,550,186.7
2017	302	13,676,950	0.22	10,287,471.7
2018	277	13,681,640	0.20	10,209,805.7
2019	264	13,854,635	0.19	10,118,388.1
2020	233	12,175,381	0.19	8,399,641.7
2021	*****	193,560	0.10	29,873.1
<i>Aged 40-49</i>				
2016	*****	11,233,155	0.16	2,668,048.1
2017	477	13,582,804	0.35	10,648,656.8
2018	427	13,365,679	0.32	10,387,902.0
2019	468	13,385,914	0.35	10,184,428.0
2020	402	11,853,835	0.34	8,423,476.5
2021	*****	252,003	0.20	38,905.8

**Table 7. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Year; Cohort Re-Entry Allowed Once Each Age Group-Year**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 50-59</i>				
2016	322	12,971,907	0.25	3,103,769.4
2017	770	15,228,257	0.51	12,291,877.8
2018	757	14,783,775	0.51	11,815,790.8
2019	720	14,724,559	0.49	11,529,083.2
2020	645	13,213,357	0.49	9,608,821.5
2021	11	473,604	0.23	73,204.2
<i>Aged 60-69</i>				
2016	583	18,159,505	0.32	4,342,746.9
2017	1,409	21,378,145	0.66	17,092,817.4
2018	1,392	21,410,615	0.65	17,054,060.7
2019	1,479	21,980,477	0.67	17,299,998.2
2020	1,371	21,351,596	0.64	16,296,933.6
2021	41	1,553,193	0.26	240,960.7
<i>Aged 70+</i>				
2016	780	24,796,551	0.31	6,112,660.4
2017	1,815	26,720,601	0.68	24,376,525.4
2018	1,888	27,298,340	0.69	24,817,212.8
2019	1,921	28,041,273	0.69	25,396,742.4
2020	1,971	28,354,913	0.70	25,295,004.7
2021	61	2,608,323	0.23	411,816.9
<b><i>Membranous Nephropathy Defined as the Presence of One Diagnosis Code from the Expanded Codelist, No Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
2016	151	16,123,398	0.09	3,879,688.6
2017	346	19,197,315	0.18	15,493,906.6
2018	313	19,022,869	0.16	15,231,628.5
2019	273	19,177,493	0.14	15,061,555.0
2020	183	16,111,474	0.11	11,725,898.6
2021	0	192,879	0.00	30,190.4
<i>Aged 20-29</i>				
2016	*****	10,530,967	0.32	2,454,333.4
2017	723	13,933,956	0.52	9,925,423.3
2018	700	13,923,159	0.50	9,800,670.8
2019	649	14,049,149	0.46	9,722,934.2
2020	440	12,103,887	0.36	7,918,449.1
2021	*****	144,251	0.21	22,131.1
<i>Aged 30-39</i>				
2016	*****	10,830,517	0.57	2,550,186.7
2017	1,320	13,676,950	0.97	10,287,471.7
2018	1,249	13,681,640	0.91	10,209,805.7
2019	1,196	13,854,635	0.86	10,118,388.1
2020	939	12,175,381	0.77	8,399,641.7
2021	*****	193,560	0.46	29,873.1

**Table 7. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Year; Cohort Re-Entry Allowed Once Each Age Group-Year**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 40-49</i>				
2016	952	11,233,155	0.85	2,668,048.1
2017	2,032	13,582,804	1.50	10,648,656.8
2018	1,957	13,365,679	1.46	10,387,902.0
2019	1,927	13,385,914	1.44	10,184,428.0
2020	1,555	11,853,835	1.31	8,423,476.5
2021	18	252,003	0.71	38,905.8
<i>Aged 50-59</i>				
2016	1,438	12,971,907	1.11	3,103,769.4
2017	3,092	15,228,257	2.03	12,291,877.8
2018	2,990	14,783,775	2.02	11,815,790.8
2019	2,873	14,724,559	1.95	11,529,083.2
2020	2,367	13,213,357	1.79	9,608,821.5
2021	43	473,604	0.91	73,204.2
<i>Aged 60-69</i>				
2016	2,495	18,159,505	1.37	4,342,746.9
2017	5,273	21,378,145	2.47	17,092,817.4
2018	5,220	21,410,615	2.44	17,054,060.7
2019	5,330	21,980,477	2.42	17,299,998.2
2020	4,769	21,351,596	2.23	16,296,933.6
2021	159	1,553,193	1.02	240,960.7
<i>Aged 70+</i>				
2016	3,115	24,796,551	1.26	6,112,660.4
2017	6,686	26,720,601	2.50	24,376,525.4
2018	7,053	27,298,340	2.58	24,817,212.8
2019	7,302	28,041,273	2.60	25,396,742.4
2020	6,826	28,354,913	2.41	25,295,004.7
2021	214	2,608,323	0.82	411,816.9
<b><i>Membranous Nephropathy Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code from the Original Codelist, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
2016	22	12,797,992	0.02	2,808,525.1
2017	40	13,578,130	0.03	11,309,927.5
2018	37	13,529,994	0.03	11,286,321.4
2019	26	13,325,458	0.02	10,909,953.1
2020	17	12,373,541	0.01	8,653,875.8
2021	0	139,411	0.00	21,838.7
<i>Aged 20-29</i>				
2016	*****	7,647,194	0.07	1,607,427.5
2017	107	8,856,978	0.12	6,509,683.1
2018	73	8,964,815	0.08	6,595,420.6
2019	64	8,813,481	0.07	6,389,871.0
2020	53	8,618,688	0.06	5,368,916.1
2021	*****	90,862	0.11	13,953.6

**Table 7. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Year; Cohort Re-Entry Allowed Once Each Age Group-Year**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 30-39</i>				
2016	*****	8,417,519	0.10	1,799,857.2
2017	180	9,512,633	0.19	7,346,904.2
2018	176	9,615,925	0.18	7,448,390.3
2019	165	9,547,691	0.17	7,232,797.2
2020	134	9,266,665	0.14	6,139,930.2
2021	*****	131,196	0.08	20,324.8
<i>Aged 40-49</i>				
2016	*****	9,329,472	0.12	2,036,002.8
2017	288	10,187,929	0.28	8,183,879.5
2018	279	10,157,208	0.27	8,176,445.4
2019	308	9,949,220	0.31	7,836,638.4
2020	257	9,591,207	0.27	6,619,131.0
2021	*****	175,198	0.06	27,159.8
<i>Aged 50-59</i>				
2016	*****	11,146,207	0.19	2,469,217.8
2017	484	11,931,083	0.41	9,803,852.4
2018	515	11,784,381	0.44	9,676,678.7
2019	471	11,385,069	0.41	9,178,527.1
2020	402	10,995,691	0.37	7,795,868.0
2021	*****	328,906	0.24	51,105.0
<i>Aged 60-69</i>				
2016	385	15,257,962	0.25	3,449,290.4
2017	900	16,857,225	0.53	13,492,345.0
2018	897	16,927,791	0.53	13,585,370.7
2019	953	16,875,046	0.56	13,440,852.8
2020	895	17,275,695	0.52	12,660,334.6
2021	22	999,849	0.22	155,833.3
<i>Aged 70+</i>				
2016	615	24,271,150	0.25	5,868,593.9
2017	1,293	25,411,820	0.51	23,299,305.4
2018	1,427	25,850,021	0.55	23,694,461.3
2019	1,429	26,219,632	0.55	23,966,022.1
2020	1,373	27,218,495	0.50	23,783,904.4
2021	45	2,107,304	0.21	335,143.8

**Membranous Nephropathy Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code from the Expanded Codelist, 365 Days of Pre-Diagnosis Enrollment Required**

<i>Aged 0-19</i>				
2016	100	12,797,992	0.08	2,808,525.1
2017	201	13,578,130	0.15	11,309,927.5
2018	189	13,529,994	0.14	11,286,321.4
2019	157	13,325,458	0.12	10,909,953.1
2020	105	12,373,541	0.08	8,653,875.8
2021	0	139,411	0.00	21,838.7



**Table 7. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Year; Cohort Re-Entry Allowed Once Each Age Group-Year**

<b>Age Group (Years)</b>	<b>Patients Meeting Disease Definition</b>	<b>Eligible Members<sup>1</sup></b>	<b>Patients Meeting Disease Definition per 10,000 Eligible Members</b>	<b>Eligible Member Years<sup>1</sup></b>
<i>Aged 20-29</i>				
2016	*****	7,647,194	0.28	1,607,427.5
2017	389	8,856,978	0.44	6,509,683.1
2018	373	8,964,815	0.42	6,595,420.6
2019	338	8,813,481	0.38	6,389,871.0
2020	242	8,618,688	0.28	5,368,916.1
2021	*****	90,862	0.33	13,953.6
<i>Aged 30-39</i>				
2016	*****	8,417,519	0.50	1,799,857.2
2017	823	9,512,633	0.87	7,346,904.2
2018	760	9,615,925	0.79	7,448,390.3
2019	744	9,547,691	0.78	7,232,797.2
2020	587	9,266,665	0.63	6,139,930.2
2021	*****	131,196	0.30	20,324.8
<i>Aged 40-49</i>				
2016	*****	9,329,472	0.70	2,036,002.8
2017	1,307	10,187,929	1.28	8,183,879.5
2018	1,259	10,157,208	1.24	8,176,445.4
2019	1,275	9,949,220	1.28	7,836,638.4
2020	1,024	9,591,207	1.07	6,619,131.0
2021	*****	175,198	0.40	27,159.8
<i>Aged 50-59</i>				
2016	1,008	11,146,207	0.90	2,469,217.8
2017	1,999	11,931,083	1.68	9,803,852.4
2018	1,997	11,784,381	1.69	9,676,678.7
2019	1,955	11,385,069	1.72	9,178,527.1
2020	1,592	10,995,691	1.45	7,795,868.0
2021	27	328,906	0.82	51,105.0
<i>Aged 60-69</i>				
2016	1,784	15,257,962	1.17	3,449,290.4
2017	3,546	16,857,225	2.10	13,492,345.0
2018	3,514	16,927,791	2.08	13,585,370.7
2019	3,587	16,875,046	2.13	13,440,852.8
2020	3,207	17,275,695	1.86	12,660,334.6
2021	96	999,849	0.96	155,833.3
<i>Aged 70+</i>				
2016	2,580	24,271,150	1.06	5,868,593.9
2017	5,064	25,411,820	1.99	23,299,305.4
2018	5,418	25,850,021	2.10	23,694,461.3
2019	5,527	26,219,632	2.11	23,966,022.1
2020	5,143	27,218,495	1.89	23,783,904.4
2021	164	2,107,304	0.78	335,143.8

**Table 7. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Year; Cohort Re-Entry Allowed Once Each Age Group-Year**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b><i>Minimal Change Disease Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code from the Original Codelist, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
2016	*****	14,359,017	0.14	3,407,680.5
2017	373	16,758,086	0.22	13,210,867.7
2018	380	16,500,744	0.23	13,048,369.6
2019	349	16,567,760	0.21	12,770,835.0
2020	247	14,177,785	0.17	10,030,172.8
2021	*****	160,814	0.06	25,200.6
<i>Aged 20-29</i>				
2016	*****	8,922,284	0.11	2,037,767.1
2017	232	11,575,672	0.20	8,009,662.7
2018	261	11,487,501	0.23	7,973,289.7
2019	231	11,517,956	0.20	7,826,861.3
2020	149	10,221,859	0.15	6,497,531.3
2021	*****	110,064	0.09	16,899.2
<i>Aged 30-39</i>				
2016	*****	9,587,680	0.11	2,222,236.5
2017	312	11,903,797	0.26	8,689,613.9
2018	361	11,853,141	0.30	8,683,426.4
2019	324	11,951,052	0.27	8,526,045.5
2020	198	10,675,695	0.19	7,159,074.1
2021	*****	153,669	0.20	23,807.8
<i>Aged 40-49</i>				
2016	*****	10,280,791	0.17	2,412,748.4
2017	370	12,235,596	0.30	9,328,552.3
2018	466	11,982,392	0.39	9,177,440.8
2019	397	11,948,736	0.33	8,902,362.2
2020	268	10,697,551	0.25	7,427,454.6
2021	*****	201,449	0.10	31,266.6
<i>Aged 50-59</i>				
2016	*****	12,095,516	0.17	2,860,591.6
2017	564	14,017,540	0.40	10,977,498.0
2018	655	13,557,195	0.48	10,662,087.6
2019	639	13,413,486	0.48	10,253,830.5
2020	464	12,083,227	0.38	8,601,476.9
2021	*****	374,119	0.24	58,250.5
<i>Aged 60-69</i>				
2016	387	16,796,019	0.23	3,940,222.5
2017	1,062	19,534,443	0.54	15,204,681.9
2018	1,340	19,450,811	0.69	15,213,174.6
2019	1,363	19,791,705	0.69	15,230,380.3
2020	1,052	19,150,918	0.55	14,324,080.9
2021	23	1,131,926	0.20	176,791.0

**Table 7. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Year; Cohort Re-Entry Allowed Once Each Age Group-Year**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b>Aged 70+</b>				
2016	677	24,569,652	0.28	6,041,645.1
2017	2,023	26,367,057	0.77	23,834,103.0
2018	2,726	26,870,810	1.01	24,229,308.9
2019	2,911	27,537,060	1.06	24,654,142.8
2020	2,433	27,706,651	0.88	24,488,841.7
2021	43	2,175,774	0.20	346,244.7
<b>Minimal Change Disease Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code from the Expanded Codelist, 183 Days of Pre-Diagnosis Enrollment Required</b>				
<b>Aged 0-19</b>				
2016	*****	14,359,017	0.15	3,407,680.5
2017	426	16,758,086	0.25	13,210,867.7
2018	442	16,500,744	0.27	13,048,369.6
2019	429	16,567,760	0.26	12,770,835.0
2020	315	14,177,785	0.22	10,030,172.8
2021	*****	160,814	0.12	25,200.6
<b>Aged 20-29</b>				
2016	*****	8,922,284	0.15	2,037,767.1
2017	314	11,575,672	0.27	8,009,662.7
2018	352	11,487,501	0.31	7,973,289.7
2019	342	11,517,956	0.30	7,826,861.3
2020	298	10,221,859	0.29	6,497,531.3
2021	*****	110,064	0.09	16,899.2
<b>Aged 30-39</b>				
2016	*****	9,587,680	0.17	2,222,236.5
2017	405	11,903,797	0.34	8,689,613.9
2018	489	11,853,141	0.41	8,683,426.4
2019	460	11,951,052	0.38	8,526,045.5
2020	389	10,675,695	0.36	7,159,074.1
2021	*****	153,669	0.26	23,807.8
<b>Aged 40-49</b>				
2016	*****	10,280,791	0.23	2,412,748.4
2017	515	12,235,596	0.42	9,328,552.3
2018	644	11,982,392	0.54	9,177,440.8
2019	628	11,948,736	0.53	8,902,362.2
2020	494	10,697,551	0.46	7,427,454.6
2021	*****	201,449	0.25	31,266.6
<b>Aged 50-59</b>				
2016	317	12,095,516	0.26	2,860,591.6
2017	773	14,017,540	0.55	10,977,498.0
2018	927	13,557,195	0.68	10,662,087.6
2019	907	13,413,486	0.68	10,253,830.5
2020	765	12,083,227	0.63	8,601,476.9
2021	18	374,119	0.48	58,250.5

**Table 7. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Year; Cohort Re-Entry Allowed Once Each Age Group-Year**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 60-69</i>				
2016	563	16,796,019	0.34	3,940,222.5
2017	1,455	19,534,443	0.74	15,204,681.9
2018	1,808	19,450,811	0.93	15,213,174.6
2019	1,909	19,791,705	0.96	15,230,380.3
2020	1,742	19,150,918	0.91	14,324,080.9
2021	37	1,131,926	0.33	176,791.0
<i>Aged 70+</i>				
2016	973	24,569,652	0.40	6,041,645.1
2017	2,800	26,367,057	1.06	23,834,103.0
2018	3,706	26,870,810	1.38	24,229,308.9
2019	4,012	27,537,060	1.46	24,654,142.8
2020	3,743	27,706,651	1.35	24,488,841.7
2021	76	2,175,774	0.35	346,244.7
<b><i>Minimal Change Disease Defined as the Presence of One Diagnosis Code from the Original Codelist, No Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
2016	*****	16,123,398	0.18	3,879,688.6
2017	667	19,197,315	0.35	15,493,906.6
2018	714	19,022,869	0.38	15,231,628.5
2019	651	19,177,493	0.34	15,061,555.0
2020	442	16,111,474	0.27	11,725,898.6
2021	*****	192,879	0.16	30,190.4
<i>Aged 20-29</i>				
2016	*****	10,530,967	0.15	2,454,333.4
2017	422	13,933,956	0.30	9,925,423.3
2018	466	13,923,159	0.33	9,800,670.8
2019	466	14,049,149	0.33	9,722,934.2
2020	315	12,103,887	0.26	7,918,449.1
2021	*****	144,251	0.07	22,131.1
<i>Aged 30-39</i>				
2016	*****	10,830,517	0.17	2,550,186.7
2017	584	13,676,950	0.43	10,287,471.7
2018	658	13,681,640	0.48	10,209,805.7
2019	571	13,854,635	0.41	10,118,388.1
2020	411	12,175,381	0.34	8,399,641.7
2021	*****	193,560	0.41	29,873.1
<i>Aged 40-49</i>				
2016	*****	11,233,155	0.22	2,668,048.1
2017	715	13,582,804	0.53	10,648,656.8
2018	874	13,365,679	0.65	10,387,902.0
2019	766	13,385,914	0.57	10,184,428.0
2020	546	11,853,835	0.46	8,423,476.5
2021	*****	252,003	0.24	38,905.8

**Table 7. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Year; Cohort Re-Entry Allowed Once Each Age Group-Year**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 50-59</i>				
2016	322	12,971,907	0.25	3,103,769.4
2017	1,137	15,228,257	0.75	12,291,877.8
2018	1,265	14,783,775	0.86	11,815,790.8
2019	1,222	14,724,559	0.83	11,529,083.2
2020	883	13,213,357	0.67	9,608,821.5
2021	13	473,604	0.27	73,204.2
<i>Aged 60-69</i>				
2016	605	18,159,505	0.33	4,342,746.9
2017	2,162	21,378,145	1.01	17,092,817.4
2018	2,583	21,410,615	1.21	17,054,060.7
2019	2,604	21,980,477	1.18	17,299,998.2
2020	2,096	21,351,596	0.98	16,296,933.6
2021	42	1,553,193	0.27	240,960.7
<i>Aged 70+</i>				
2016	1,041	24,796,551	0.42	6,112,660.4
2017	4,009	26,720,601	1.50	24,376,525.4
2018	5,043	27,298,340	1.85	24,817,212.8
2019	5,120	28,041,273	1.83	25,396,742.4
2020	4,424	28,354,913	1.56	25,295,004.7
2021	85	2,608,323	0.33	411,816.9
<b><i>Minimal Change Disease Defined as the Presence of One Diagnosis Code from the Expanded Codelist, No Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
2016	*****	16,123,398	0.21	3,879,688.6
2017	797	19,197,315	0.42	15,493,906.6
2018	862	19,022,869	0.45	15,231,628.5
2019	827	19,177,493	0.43	15,061,555.0
2020	598	16,111,474	0.37	11,725,898.6
2021	*****	192,879	0.26	30,190.4
<i>Aged 20-29</i>				
2016	*****	10,530,967	0.22	2,454,333.4
2017	615	13,933,956	0.44	9,925,423.3
2018	677	13,923,159	0.49	9,800,670.8
2019	685	14,049,149	0.49	9,722,934.2
2020	563	12,103,887	0.47	7,918,449.1
2021	*****	144,251	0.07	22,131.1
<i>Aged 30-39</i>				
2016	303	10,830,517	0.28	2,550,186.7
2017	911	13,676,950	0.67	10,287,471.7
2018	976	13,681,640	0.71	10,209,805.7
2019	937	13,854,635	0.68	10,118,388.1
2020	776	12,175,381	0.64	8,399,641.7
2021	12	193,560	0.62	29,873.1

**Table 7. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Year; Cohort Re-Entry Allowed Once Each Age Group-Year**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 40-49</i>				
2016	379	11,233,155	0.34	2,668,048.1
2017	1,143	13,582,804	0.84	10,648,656.8
2018	1,336	13,365,679	1.00	10,387,902.0
2019	1,289	13,385,914	0.96	10,184,428.0
2020	1,028	11,853,835	0.87	8,423,476.5
2021	12	252,003	0.48	38,905.8
<i>Aged 50-59</i>				
2016	549	12,971,907	0.42	3,103,769.4
2017	1,749	15,228,257	1.15	12,291,877.8
2018	1,960	14,783,775	1.33	11,815,790.8
2019	1,963	14,724,559	1.33	11,529,083.2
2020	1,524	13,213,357	1.15	9,608,821.5
2021	29	473,604	0.61	73,204.2
<i>Aged 60-69</i>				
2016	981	18,159,505	0.54	4,342,746.9
2017	3,266	21,378,145	1.53	17,092,817.4
2018	3,951	21,410,615	1.85	17,054,060.7
2019	4,074	21,980,477	1.85	17,299,998.2
2020	3,611	21,351,596	1.69	16,296,933.6
2021	78	1,553,193	0.50	240,960.7
<i>Aged 70+</i>				
2016	1,751	24,796,551	0.71	6,112,660.4
2017	6,192	26,720,601	2.32	24,376,525.4
2018	7,798	27,298,340	2.86	24,817,212.8
2019	8,059	28,041,273	2.87	25,396,742.4
2020	7,308	28,354,913	2.58	25,295,004.7
2021	148	2,608,323	0.57	411,816.9
<b><i>Minimal Change Disease Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code from the Original Codelist, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
2016	*****	12,797,992	0.14	2,808,525.1
2017	384	13,578,130	0.28	11,309,927.5
2018	388	13,529,994	0.29	11,286,321.4
2019	336	13,325,458	0.25	10,909,953.1
2020	250	12,373,541	0.20	8,653,875.8
2021	*****	139,411	0.07	21,838.7
<i>Aged 20-29</i>				
2016	88	7,647,194	0.12	1,607,427.5
2017	207	8,856,978	0.23	6,509,683.1
2018	244	8,964,815	0.27	6,595,420.6
2019	230	8,813,481	0.26	6,389,871.0
2020	154	8,618,688	0.18	5,368,916.1
2021	0	90,862	0.00	13,953.6

**Table 7. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Year; Cohort Re-Entry Allowed Once Each Age Group-Year**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 30-39</i>				
2016	*****	8,417,519	0.12	1,799,857.2
2017	303	9,512,633	0.32	7,346,904.2
2018	339	9,615,925	0.35	7,448,390.3
2019	320	9,547,691	0.34	7,232,797.2
2020	210	9,266,665	0.23	6,139,930.2
2021	*****	131,196	0.30	20,324.8
<i>Aged 40-49</i>				
2016	*****	9,329,472	0.18	2,036,002.8
2017	369	10,187,929	0.36	8,183,879.5
2018	462	10,157,208	0.45	8,176,445.4
2019	427	9,949,220	0.43	7,836,638.4
2020	302	9,591,207	0.31	6,619,131.0
2021	*****	175,198	0.17	27,159.8
<i>Aged 50-59</i>				
2016	*****	11,146,207	0.19	2,469,217.8
2017	560	11,931,083	0.47	9,803,852.4
2018	664	11,784,381	0.56	9,676,678.7
2019	661	11,385,069	0.58	9,178,527.1
2020	482	10,995,691	0.44	7,795,868.0
2021	*****	328,906	0.30	51,105.0
<i>Aged 60-69</i>				
2016	378	15,257,962	0.25	3,449,290.4
2017	1,028	16,857,225	0.61	13,492,345.0
2018	1,354	16,927,791	0.80	13,585,370.7
2019	1,397	16,875,046	0.83	13,440,852.8
2020	1,103	17,275,695	0.64	12,660,334.6
2021	20	999,849	0.20	155,833.3
<i>Aged 70+</i>				
2016	766	24,271,150	0.32	5,868,593.9
2017	2,189	25,411,820	0.86	23,299,305.4
2018	3,010	25,850,021	1.16	23,694,461.3
2019	3,273	26,219,632	1.25	23,966,022.1
2020	2,807	27,218,495	1.03	23,783,904.4
2021	46	2,107,304	0.22	335,143.8

**Minimal Change Disease Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code from the Expanded Codelist, 365 Days of Pre-Diagnosis Enrollment Required**

<i>Aged 0-19</i>				
2016	*****	12,797,992	0.16	2,808,525.1
2017	435	13,578,130	0.32	11,309,927.5
2018	447	13,529,994	0.33	11,286,321.4
2019	409	13,325,458	0.31	10,909,953.1
2020	326	12,373,541	0.26	8,653,875.8
2021	*****	139,411	0.14	21,838.7

**Table 7. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Year; Cohort Re-Entry Allowed Once Each Age Group-Year**

<b>Age Group (Years)</b>	<b>Patients Meeting Disease Definition</b>	<b>Eligible Members<sup>1</sup></b>	<b>Patients Meeting Disease Definition per 10,000 Eligible Members</b>	<b>Eligible Member Years<sup>1</sup></b>
<i>Aged 20-29</i>				
2016	116	7,647,194	0.15	1,607,427.5
2017	277	8,856,978	0.31	6,509,683.1
2018	319	8,964,815	0.36	6,595,420.6
2019	320	8,813,481	0.36	6,389,871.0
2020	281	8,618,688	0.33	5,368,916.1
2021	0	90,862	0.00	13,953.6
<i>Aged 30-39</i>				
2016	*****	8,417,519	0.16	1,799,857.2
2017	394	9,512,633	0.41	7,346,904.2
2018	457	9,615,925	0.48	7,448,390.3
2019	446	9,547,691	0.47	7,232,797.2
2020	369	9,266,665	0.40	6,139,930.2
2021	*****	131,196	0.38	20,324.8
<i>Aged 40-49</i>				
2016	*****	9,329,472	0.25	2,036,002.8
2017	506	10,187,929	0.50	8,183,879.5
2018	646	10,157,208	0.64	8,176,445.4
2019	653	9,949,220	0.66	7,836,638.4
2020	531	9,591,207	0.55	6,619,131.0
2021	*****	175,198	0.29	27,159.8
<i>Aged 50-59</i>				
2016	317	11,146,207	0.28	2,469,217.8
2017	779	11,931,083	0.65	9,803,852.4
2018	953	11,784,381	0.81	9,676,678.7
2019	941	11,385,069	0.83	9,178,527.1
2020	783	10,995,691	0.71	7,795,868.0
2021	18	328,906	0.55	51,105.0
<i>Aged 60-69</i>				
2016	546	15,257,962	0.36	3,449,290.4
2017	1,408	16,857,225	0.84	13,492,345.0
2018	1,826	16,927,791	1.08	13,585,370.7
2019	1,965	16,875,046	1.16	13,440,852.8
2020	1,798	17,275,695	1.04	12,660,334.6
2021	34	999,849	0.34	155,833.3
<i>Aged 70+</i>				
2016	1,085	24,271,150	0.45	5,868,593.9
2017	3,022	25,411,820	1.19	23,299,305.4
2018	4,062	25,850,021	1.57	23,694,461.3
2019	4,445	26,219,632	1.70	23,966,022.1
2020	4,207	27,218,495	1.55	23,783,904.4
2021	84	2,107,304	0.40	335,143.8



**Table 7. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Year; Cohort Re-Entry Allowed Once Each Age Group-Year**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b><i>Membranoproliferative Glomerulonephritis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
2016	79	14,359,017	0.06	3,407,680.5
2017	139	16,758,086	0.08	13,210,867.7
2018	155	16,500,744	0.09	13,048,369.6
2019	123	16,567,760	0.07	12,770,835.0
2020	74	14,177,785	0.05	10,030,172.8
2021	0	160,814	0.00	25,200.6
<i>Aged 20-29</i>				
2016	101	8,922,284	0.11	2,037,767.1
2017	185	11,575,672	0.16	8,009,662.7
2018	155	11,487,501	0.13	7,973,289.7
2019	165	11,517,956	0.14	7,826,861.3
2020	115	10,221,859	0.11	6,497,531.3
2021	0	110,064	0.00	16,899.2
<i>Aged 30-39</i>				
2016	*****	9,587,680	0.09	2,222,236.5
2017	207	11,903,797	0.17	8,689,613.9
2018	187	11,853,141	0.16	8,683,426.4
2019	192	11,951,052	0.16	8,526,045.5
2020	154	10,675,695	0.14	7,159,074.1
2021	*****	153,669	0.07	23,807.8
<i>Aged 40-49</i>				
2016	*****	10,280,791	0.12	2,412,748.4
2017	248	12,235,596	0.20	9,328,552.3
2018	238	11,982,392	0.20	9,177,440.8
2019	229	11,948,736	0.19	8,902,362.2
2020	181	10,697,551	0.17	7,427,454.6
2021	*****	201,449	0.15	31,266.6
<i>Aged 50-59</i>				
2016	*****	12,095,516	0.15	2,860,591.6
2017	372	14,017,540	0.27	10,977,498.0
2018	361	13,557,195	0.27	10,662,087.6
2019	332	13,413,486	0.25	10,253,830.5
2020	274	12,083,227	0.23	8,601,476.9
2021	*****	374,119	0.05	58,250.5
<i>Aged 60-69</i>				
2016	331	16,796,019	0.20	3,940,222.5
2017	681	19,534,443	0.35	15,204,681.9
2018	683	19,450,811	0.35	15,213,174.6
2019	617	19,791,705	0.31	15,230,380.3
2020	537	19,150,918	0.28	14,324,080.9
2021	15	1,131,926	0.13	176,791.0

**Table 7. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Year; Cohort Re-Entry Allowed Once Each Age Group-Year**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b>Aged 70+</b>				
2016	372	24,569,652	0.15	6,041,645.1
2017	839	26,367,057	0.32	23,834,103.0
2018	880	26,870,810	0.33	24,229,308.9
2019	884	27,537,060	0.32	24,654,142.8
2020	799	27,706,651	0.29	24,488,841.7
2021	18	2,175,774	0.08	346,244.7
<b>Membranoproliferative Glomerulonephritis Defined as the Presence of One Diagnosis Code, No Pre-Diagnosis Enrollment Required</b>				
<b>Aged 0-19</b>				
2016	104	16,123,398	0.06	3,879,688.6
2017	234	19,197,315	0.12	15,493,906.6
2018	222	19,022,869	0.12	15,231,628.5
2019	202	19,177,493	0.11	15,061,555.0
2020	126	16,111,474	0.08	11,725,898.6
2021	0	192,879	0.00	30,190.4
<b>Aged 20-29</b>				
2016	144	10,530,967	0.14	2,454,333.4
2017	301	13,933,956	0.22	9,925,423.3
2018	288	13,923,159	0.21	9,800,670.8
2019	262	14,049,149	0.19	9,722,934.2
2020	212	12,103,887	0.18	7,918,449.1
2021	0	144,251	0.00	22,131.1
<b>Aged 30-39</b>				
2016	*****	10,830,517	0.14	2,550,186.7
2017	356	13,676,950	0.26	10,287,471.7
2018	349	13,681,640	0.26	10,209,805.7
2019	329	13,854,635	0.24	10,118,388.1
2020	283	12,175,381	0.23	8,399,641.7
2021	*****	193,560	0.26	29,873.1
<b>Aged 40-49</b>				
2016	*****	11,233,155	0.17	2,668,048.1
2017	449	13,582,804	0.33	10,648,656.8
2018	395	13,365,679	0.30	10,387,902.0
2019	401	13,385,914	0.30	10,184,428.0
2020	323	11,853,835	0.27	8,423,476.5
2021	*****	252,003	0.12	38,905.8
<b>Aged 50-59</b>				
2016	*****	12,971,907	0.21	3,103,769.4
2017	669	15,228,257	0.44	12,291,877.8
2018	615	14,783,775	0.42	11,815,790.8
2019	552	14,724,559	0.37	11,529,083.2
2020	464	13,213,357	0.35	9,608,821.5
2021	*****	473,604	0.08	73,204.2

**Table 7. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Year; Cohort Re-Entry Allowed Once Each Age Group-Year**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 60-69</i>				
2016	476	18,159,505	0.26	4,342,746.9
2017	1,145	21,378,145	0.54	17,092,817.4
2018	1,150	21,410,615	0.54	17,054,060.7
2019	1,049	21,980,477	0.48	17,299,998.2
2020	916	21,351,596	0.43	16,296,933.6
2021	28	1,553,193	0.18	240,960.7
<i>Aged 70+</i>				
2016	541	24,796,551	0.22	6,112,660.4
2017	1,314	26,720,601	0.49	24,376,525.4
2018	1,313	27,298,340	0.48	24,817,212.8
2019	1,361	28,041,273	0.49	25,396,742.4
2020	1,346	28,354,913	0.47	25,295,004.7
2021	32	2,608,323	0.12	411,816.9
<b>Membranoproliferative Glomerulonephritis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code, 365 Days of Pre-Diagnosis Enrollment Required</b>				
<i>Aged 0-19</i>				
2016	70	12,797,992	0.05	2,808,525.1
2017	128	13,578,130	0.09	11,309,927.5
2018	145	13,529,994	0.11	11,286,321.4
2019	117	13,325,458	0.09	10,909,953.1
2020	74	12,373,541	0.06	8,653,875.8
2021	0	139,411	0.00	21,838.7
<i>Aged 20-29</i>				
2016	88	7,647,194	0.12	1,607,427.5
2017	186	8,856,978	0.21	6,509,683.1
2018	150	8,964,815	0.17	6,595,420.6
2019	164	8,813,481	0.19	6,389,871.0
2020	116	8,618,688	0.13	5,368,916.1
2021	0	90,862	0.00	13,953.6
<i>Aged 30-39</i>				
2016	*****	8,417,519	0.10	1,799,857.2
2017	211	9,512,633	0.22	7,346,904.2
2018	200	9,615,925	0.21	7,448,390.3
2019	182	9,547,691	0.19	7,232,797.2
2020	162	9,266,665	0.17	6,139,930.2
2021	*****	131,196	0.15	20,324.8
<i>Aged 40-49</i>				
2016	*****	9,329,472	0.14	2,036,002.8
2017	253	10,187,929	0.25	8,183,879.5
2018	247	10,157,208	0.24	8,176,445.4
2019	245	9,949,220	0.25	7,836,638.4
2020	188	9,591,207	0.20	6,619,131.0
2021	*****	175,198	0.11	27,159.8

**Table 7. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Year; Cohort Re-Entry Allowed Once Each Age Group-Year**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 50-59</i>				
2016	*****	11,146,207	0.15	2,469,217.8
2017	386	11,931,083	0.32	9,803,852.4
2018	364	11,784,381	0.31	9,676,678.7
2019	333	11,385,069	0.29	9,178,527.1
2020	283	10,995,691	0.26	7,795,868.0
2021	*****	328,906	0.06	51,105.0
<i>Aged 60-69</i>				
2016	328	15,257,962	0.21	3,449,290.4
2017	694	16,857,225	0.41	13,492,345.0
2018	695	16,927,791	0.41	13,585,370.7
2019	640	16,875,046	0.38	13,440,852.8
2020	554	17,275,695	0.32	12,660,334.6
2021	15	999,849	0.15	155,833.3
<i>Aged 70+</i>				
2016	419	24,271,150	0.17	5,868,593.9
2017	917	25,411,820	0.36	23,299,305.4
2018	952	25,850,021	0.37	23,694,461.3
2019	963	26,219,632	0.37	23,966,022.1
2020	876	27,218,495	0.32	23,783,904.4
2021	21	2,107,304	0.10	335,143.8
<b><i>Crescentic/Necrotizing Glomerulonephritis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
2016	18	14,359,017	0.01	3,407,680.5
2017	39	16,758,086	0.02	13,210,867.7
2018	59	16,500,744	0.04	13,048,369.6
2019	62	16,567,760	0.04	12,770,835.0
2020	58	14,177,785	0.04	10,030,172.8
2021	0	160,814	0.00	25,200.6
<i>Aged 20-29</i>				
2016	16	8,922,284	0.02	2,037,767.1
2017	47	11,575,672	0.04	8,009,662.7
2018	49	11,487,501	0.04	7,973,289.7
2019	79	11,517,956	0.07	7,826,861.3
2020	65	10,221,859	0.06	6,497,531.3
2021	0	110,064	0.00	16,899.2
<i>Aged 30-39</i>				
2016	32	9,587,680	0.03	2,222,236.5
2017	85	11,903,797	0.07	8,689,613.9
2018	89	11,853,141	0.08	8,683,426.4
2019	93	11,951,052	0.08	8,526,045.5
2020	73	10,675,695	0.07	7,159,074.1
2021	0	153,669	0.00	23,807.8

**Table 7. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Year; Cohort Re-Entry Allowed Once Each Age Group-Year**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 40-49</i>				
2016	*****	10,280,791	0.05	2,412,748.4
2017	128	12,235,596	0.10	9,328,552.3
2018	134	11,982,392	0.11	9,177,440.8
2019	151	11,948,736	0.13	8,902,362.2
2020	130	10,697,551	0.12	7,427,454.6
2021	*****	201,449	0.05	31,266.6
<i>Aged 50-59</i>				
2016	*****	12,095,516	0.07	2,860,591.6
2017	220	14,017,540	0.16	10,977,498.0
2018	268	13,557,195	0.20	10,662,087.6
2019	248	13,413,486	0.18	10,253,830.5
2020	209	12,083,227	0.17	8,601,476.9
2021	*****	374,119	0.08	58,250.5
<i>Aged 60-69</i>				
2016	202	16,796,019	0.12	3,940,222.5
2017	586	19,534,443	0.30	15,204,681.9
2018	701	19,450,811	0.36	15,213,174.6
2019	721	19,791,705	0.36	15,230,380.3
2020	681	19,150,918	0.36	14,324,080.9
2021	18	1,131,926	0.16	176,791.0
<i>Aged 70+</i>				
2016	381	24,569,652	0.16	6,041,645.1
2017	1,129	26,367,057	0.43	23,834,103.0
2018	1,332	26,870,810	0.50	24,229,308.9
2019	1,475	27,537,060	0.54	24,654,142.8
2020	1,385	27,706,651	0.50	24,488,841.7
2021	44	2,175,774	0.20	346,244.7
<b><i>Crescentic/Necrotizing Glomerulonephritis Defined as the Presence of One Diagnosis Code, No Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
2016	28	16,123,398	0.02	3,879,688.6
2017	84	19,197,315	0.04	15,493,906.6
2018	84	19,022,869	0.04	15,231,628.5
2019	91	19,177,493	0.05	15,061,555.0
2020	87	16,111,474	0.05	11,725,898.6
2021	0	192,879	0.00	30,190.4
<i>Aged 20-29</i>				
2016	29	10,530,967	0.03	2,454,333.4
2017	76	13,933,956	0.05	9,925,423.3
2018	93	13,923,159	0.07	9,800,670.8
2019	132	14,049,149	0.09	9,722,934.2
2020	109	12,103,887	0.09	7,918,449.1
2021	0	144,251	0.00	22,131.1

**Table 7. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Year; Cohort Re-Entry Allowed Once Each Age Group-Year**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 30-39</i>				
2016	*****	10,830,517	0.05	2,550,186.7
2017	133	13,676,950	0.10	10,287,471.7
2018	140	13,681,640	0.10	10,209,805.7
2019	153	13,854,635	0.11	10,118,388.1
2020	122	12,175,381	0.10	8,399,641.7
2021	*****	193,560	0.05	29,873.1
<i>Aged 40-49</i>				
2016	*****	11,233,155	0.06	2,668,048.1
2017	185	13,582,804	0.14	10,648,656.8
2018	208	13,365,679	0.16	10,387,902.0
2019	221	13,385,914	0.17	10,184,428.0
2020	200	11,853,835	0.17	8,423,476.5
2021	*****	252,003	0.04	38,905.8
<i>Aged 50-59</i>				
2016	*****	12,971,907	0.09	3,103,769.4
2017	359	15,228,257	0.24	12,291,877.8
2018	369	14,783,775	0.25	11,815,790.8
2019	371	14,724,559	0.25	11,529,083.2
2020	321	13,213,357	0.24	9,608,821.5
2021	*****	473,604	0.13	73,204.2
<i>Aged 60-69</i>				
2016	285	18,159,505	0.16	4,342,746.9
2017	852	21,378,145	0.40	17,092,817.4
2018	981	21,410,615	0.46	17,054,060.7
2019	1,064	21,980,477	0.48	17,299,998.2
2020	988	21,351,596	0.46	16,296,933.6
2021	27	1,553,193	0.17	240,960.7
<i>Aged 70+</i>				
2016	486	24,796,551	0.20	6,112,660.4
2017	1,530	26,720,601	0.57	24,376,525.4
2018	1,725	27,298,340	0.63	24,817,212.8
2019	1,940	28,041,273	0.69	25,396,742.4
2020	1,843	28,354,913	0.65	25,295,004.7
2021	59	2,608,323	0.23	411,816.9

***Crescentic/Necrotizing Glomerulonephritis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code, 365 Days of Pre-Diagnosis Enrollment Required***

<i>Aged 0-19</i>				
2016	14	12,797,992	0.01	2,808,525.1
2017	29	13,578,130	0.02	11,309,927.5
2018	54	13,529,994	0.04	11,286,321.4
2019	56	13,325,458	0.04	10,909,953.1
2020	57	12,373,541	0.05	8,653,875.8
2021	0	139,411	0.00	21,838.7

**Table 7. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Year; Cohort Re-Entry Allowed Once Each Age Group-Year**

<b>Age Group (Years)</b>	<b>Patients Meeting Disease Definition</b>	<b>Eligible Members<sup>1</sup></b>	<b>Patients Meeting Disease Definition per 10,000 Eligible Members</b>	<b>Eligible Member Years<sup>1</sup></b>
<i>Aged 20-29</i>				
2016	17	7,647,194	0.02	1,607,427.5
2017	43	8,856,978	0.05	6,509,683.1
2018	36	8,964,815	0.04	6,595,420.6
2019	67	8,813,481	0.08	6,389,871.0
2020	56	8,618,688	0.06	5,368,916.1
2021	0	90,862	0.00	13,953.6
<i>Aged 30-39</i>				
2016	27	8,417,519	0.03	1,799,857.2
2017	76	9,512,633	0.08	7,346,904.2
2018	78	9,615,925	0.08	7,448,390.3
2019	76	9,547,691	0.08	7,232,797.2
2020	66	9,266,665	0.07	6,139,930.2
2021	0	131,196	0.00	20,324.8
<i>Aged 40-49</i>				
2016	*****	9,329,472	0.05	2,036,002.8
2017	115	10,187,929	0.11	8,183,879.5
2018	131	10,157,208	0.13	8,176,445.4
2019	142	9,949,220	0.14	7,836,638.4
2020	125	9,591,207	0.13	6,619,131.0
2021	*****	175,198	0.06	27,159.8
<i>Aged 50-59</i>				
2016	*****	11,146,207	0.08	2,469,217.8
2017	213	11,931,083	0.18	9,803,852.4
2018	247	11,784,381	0.21	9,676,678.7
2019	245	11,385,069	0.22	9,178,527.1
2020	190	10,995,691	0.17	7,795,868.0
2021	*****	328,906	0.06	51,105.0
<i>Aged 60-69</i>				
2016	192	15,257,962	0.13	3,449,290.4
2017	541	16,857,225	0.32	13,492,345.0
2018	653	16,927,791	0.39	13,585,370.7
2019	693	16,875,046	0.41	13,440,852.8
2020	646	17,275,695	0.37	12,660,334.6
2021	20	999,849	0.20	155,833.3
<i>Aged 70+</i>				
2016	388	24,271,150	0.16	5,868,593.9
2017	1,140	25,411,820	0.45	23,299,305.4
2018	1,354	25,850,021	0.52	23,694,461.3
2019	1,500	26,219,632	0.57	23,966,022.1
2020	1,433	27,218,495	0.53	23,783,904.4
2021	49	2,107,304	0.23	335,143.8

**Table 7. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Year; Cohort Re-Entry Allowed Once Each Age Group-Year**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b><i>Lupus Nephritis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
2016	*****	14,359,017	0.21	3,407,680.5
2017	509	16,758,086	0.30	13,210,867.7
2018	522	16,500,744	0.32	13,048,369.6
2019	504	16,567,760	0.30	12,770,835.0
2020	403	14,177,785	0.28	10,030,172.8
2021	*****	160,814	0.06	25,200.6
<i>Aged 20-29</i>				
2016	1,160	8,922,284	1.30	2,037,767.1
2017	2,283	11,575,672	1.97	8,009,662.7
2018	2,345	11,487,501	2.04	7,973,289.7
2019	2,313	11,517,956	2.01	7,826,861.3
2020	2,068	10,221,859	2.02	6,497,531.3
2021	16	110,064	1.45	16,899.2
<i>Aged 30-39</i>				
2016	1,889	9,587,680	1.97	2,222,236.5
2017	3,710	11,903,797	3.12	8,689,613.9
2018	3,955	11,853,141	3.34	8,683,426.4
2019	4,034	11,951,052	3.38	8,526,045.5
2020	3,609	10,675,695	3.38	7,159,074.1
2021	74	153,669	4.82	23,807.8
<i>Aged 40-49</i>				
2016	1,761	10,280,791	1.71	2,412,748.4
2017	3,618	12,235,596	2.96	9,328,552.3
2018	3,891	11,982,392	3.25	9,177,440.8
2019	4,002	11,948,736	3.35	8,902,362.2
2020	3,650	10,697,551	3.41	7,427,454.6
2021	80	201,449	3.97	31,266.6
<i>Aged 50-59</i>				
2016	1,514	12,095,516	1.25	2,860,591.6
2017	3,188	14,017,540	2.27	10,977,498.0
2018	3,438	13,557,195	2.54	10,662,087.6
2019	3,564	13,413,486	2.66	10,253,830.5
2020	3,326	12,083,227	2.75	8,601,476.9
2021	92	374,119	2.46	58,250.5
<i>Aged 60-69</i>				
2016	1,178	16,796,019	0.70	3,940,222.5
2017	2,625	19,534,443	1.34	15,204,681.9
2018	2,894	19,450,811	1.49	15,213,174.6
2019	3,110	19,791,705	1.57	15,230,380.3
2020	2,993	19,150,918	1.56	14,324,080.9
2021	92	1,131,926	0.81	176,791.0



**Table 7. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Year; Cohort Re-Entry Allowed Once Each Age Group-Year**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 70+</i>				
2016	689	24,569,652	0.28	6,041,645.1
2017	1,686	26,367,057	0.64	23,834,103.0
2018	2,029	26,870,810	0.76	24,229,308.9
2019	2,182	27,537,060	0.79	24,654,142.8
2020	2,346	27,706,651	0.85	24,488,841.7
2021	86	2,175,774	0.40	346,244.7
<b><i>Lupus Nephritis Defined as the Presence of One Diagnosis Code, No Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
2016	*****	16,123,398	0.22	3,879,688.6
2017	662	19,197,315	0.34	15,493,906.6
2018	666	19,022,869	0.35	15,231,628.5
2019	643	19,177,493	0.34	15,061,555.0
2020	492	16,111,474	0.31	11,725,898.6
2021	*****	192,879	0.05	30,190.4
<i>Aged 20-29</i>				
2016	1,498	10,530,967	1.42	2,454,333.4
2017	3,063	13,933,956	2.20	9,925,423.3
2018	3,138	13,923,159	2.25	9,800,670.8
2019	3,161	14,049,149	2.25	9,722,934.2
2020	2,691	12,103,887	2.22	7,918,449.1
2021	28	144,251	1.94	22,131.1
<i>Aged 30-39</i>				
2016	2,460	10,830,517	2.27	2,550,186.7
2017	5,007	13,676,950	3.66	10,287,471.7
2018	5,309	13,681,640	3.88	10,209,805.7
2019	5,387	13,854,635	3.89	10,118,388.1
2020	4,794	12,175,381	3.94	8,399,641.7
2021	115	193,560	5.94	29,873.1
<i>Aged 40-49</i>				
2016	2,350	11,233,155	2.09	2,668,048.1
2017	5,232	13,582,804	3.85	10,648,656.8
2018	5,454	13,365,679	4.08	10,387,902.0
2019	5,584	13,385,914	4.17	10,184,428.0
2020	5,036	11,853,835	4.25	8,423,476.5
2021	128	252,003	5.08	38,905.8
<i>Aged 50-59</i>				
2016	2,125	12,971,907	1.64	3,103,769.4
2017	4,828	15,228,257	3.17	12,291,877.8
2018	5,055	14,783,775	3.42	11,815,790.8
2019	5,268	14,724,559	3.58	11,529,083.2
2020	4,781	13,213,357	3.62	9,608,821.5
2021	156	473,604	3.29	73,204.2

**Table 7. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Year; Cohort Re-Entry Allowed Once Each Age Group-Year**

<b>Age Group (Years)</b>	<b>Patients Meeting Disease Definition</b>	<b>Eligible Members<sup>1</sup></b>	<b>Patients Meeting Disease Definition per 10,000 Eligible Members</b>	<b>Eligible Member Years<sup>1</sup></b>
<i>Aged 60-69</i>				
2016	1,697	18,159,505	0.93	4,342,746.9
2017	4,113	21,378,145	1.92	17,092,817.4
2018	4,544	21,410,615	2.12	17,054,060.7
2019	4,812	21,980,477	2.19	17,299,998.2
2020	4,619	21,351,596	2.16	16,296,933.6
2021	181	1,553,193	1.17	240,960.7
<i>Aged 70+</i>				
2016	1,093	24,796,551	0.44	6,112,660.4
2017	2,871	26,720,601	1.07	24,376,525.4
2018	3,241	27,298,340	1.19	24,817,212.8
2019	3,493	28,041,273	1.25	25,396,742.4
2020	3,678	28,354,913	1.30	25,295,004.7
2021	148	2,608,323	0.57	411,816.9
<b>Lupus Nephritis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code, 365 Days of Pre-Diagnosis Enrollment Required</b>				
<i>Aged 0-19</i>				
2016	*****	12,797,992	0.20	2,808,525.1
2017	452	13,578,130	0.33	11,309,927.5
2018	471	13,529,994	0.35	11,286,321.4
2019	447	13,325,458	0.34	10,909,953.1
2020	364	12,373,541	0.29	8,653,875.8
2021	*****	139,411	0.07	21,838.7
<i>Aged 20-29</i>				
2016	1,028	7,647,194	1.34	1,607,427.5
2017	2,032	8,856,978	2.29	6,509,683.1
2018	2,069	8,964,815	2.31	6,595,420.6
2019	2,058	8,813,481	2.34	6,389,871.0
2020	1,822	8,618,688	2.11	5,368,916.1
2021	15	90,862	1.65	13,953.6
<i>Aged 30-39</i>				
2016	1,830	8,417,519	2.17	1,799,857.2
2017	3,590	9,512,633	3.77	7,346,904.2
2018	3,831	9,615,925	3.98	7,448,390.3
2019	3,871	9,547,691	4.05	7,232,797.2
2020	3,467	9,266,665	3.74	6,139,930.2
2021	63	131,196	4.80	20,324.8
<i>Aged 40-49</i>				
2016	1,751	9,329,472	1.88	2,036,002.8
2017	3,611	10,187,929	3.54	8,183,879.5
2018	3,877	10,157,208	3.82	8,176,445.4
2019	3,987	9,949,220	4.01	7,836,638.4
2020	3,630	9,591,207	3.78	6,619,131.0
2021	73	175,198	4.17	27,159.8

**Table 7. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Year; Cohort Re-Entry Allowed Once Each Age Group-Year**

<b>Age Group (Years)</b>	<b>Patients Meeting Disease Definition</b>	<b>Eligible Members<sup>1</sup></b>	<b>Patients Meeting Disease Definition per 10,000 Eligible Members</b>	<b>Eligible Member Years<sup>1</sup></b>
<i>Aged 50-59</i>				
2016	1,538	11,146,207	1.38	2,469,217.8
2017	3,271	11,931,083	2.74	9,803,852.4
2018	3,498	11,784,381	2.97	9,676,678.7
2019	3,632	11,385,069	3.19	9,178,527.1
2020	3,413	10,995,691	3.10	7,795,868.0
2021	84	328,906	2.55	51,105.0
<i>Aged 60-69</i>				
2016	1,183	15,257,962	0.78	3,449,290.4
2017	2,625	16,857,225	1.56	13,492,345.0
2018	2,976	16,927,791	1.76	13,585,370.7
2019	3,129	16,875,046	1.85	13,440,852.8
2020	3,035	17,275,695	1.76	12,660,334.6
2021	99	999,849	0.99	155,833.3
<i>Aged 70+</i>				
2016	774	24,271,150	0.32	5,868,593.9
2017	1,804	25,411,820	0.71	23,299,305.4
2018	2,157	25,850,021	0.83	23,694,461.3
2019	2,349	26,219,632	0.90	23,966,022.1
2020	2,506	27,218,495	0.92	23,783,904.4
2021	98	2,107,304	0.47	335,143.8
<b><i>Diabetic Nephropathy Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
2016	96	14,359,017	0.07	3,407,680.5
2017	238	16,758,086	0.14	13,210,867.7
2018	186	16,500,744	0.11	13,048,369.6
2019	155	16,567,760	0.09	12,770,835.0
2020	64	14,177,785	0.05	10,030,172.8
2021	0	160,814	0.00	25,200.6
<i>Aged 20-29</i>				
2016	665	8,922,284	0.75	2,037,767.1
2017	1,533	11,575,672	1.32	8,009,662.7
2018	1,374	11,487,501	1.20	7,973,289.7
2019	1,363	11,517,956	1.18	7,826,861.3
2020	1,075	10,221,859	1.05	6,497,531.3
2021	14	110,064	1.27	16,899.2
<i>Aged 30-39</i>				
2016	3,426	9,587,680	3.57	2,222,236.5
2017	7,849	11,903,797	6.59	8,689,613.9
2018	7,563	11,853,141	6.38	8,683,426.4
2019	7,168	11,951,052	6.00	8,526,045.5
2020	5,790	10,675,695	5.42	7,159,074.1
2021	68	153,669	4.43	23,807.8

**Table 7. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Year; Cohort Re-Entry Allowed Once Each Age Group-Year**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 40-49</i>				
2016	10,311	10,280,791	10.03	2,412,748.4
2017	23,117	12,235,596	18.89	9,328,552.3
2018	22,573	11,982,392	18.84	9,177,440.8
2019	21,424	11,948,736	17.93	8,902,362.2
2020	17,763	10,697,551	16.60	7,427,454.6
2021	331	201,449	16.43	31,266.6
<i>Aged 50-59</i>				
2016	27,605	12,095,516	22.82	2,860,591.6
2017	60,913	14,017,540	43.45	10,977,498.0
2018	59,211	13,557,195	43.67	10,662,087.6
2019	56,776	13,413,486	42.33	10,253,830.5
2020	47,292	12,083,227	39.14	8,601,476.9
2021	1,576	374,119	42.13	58,250.5
<i>Aged 60-69</i>				
2016	70,336	16,796,019	41.88	3,940,222.5
2017	153,483	19,534,443	78.57	15,204,681.9
2018	152,052	19,450,811	78.17	15,213,174.6
2019	151,207	19,791,705	76.40	15,230,380.3
2020	135,607	19,150,918	70.81	14,324,080.9
2021	6,195	1,131,926	54.73	176,791.0
<i>Aged 70+</i>				
2016	150,536	24,569,652	61.27	6,041,645.1
2017	322,469	26,367,057	122.30	23,834,103.0
2018	336,718	26,870,810	125.31	24,229,308.9
2019	349,679	27,537,060	126.98	24,654,142.8
2020	334,786	27,706,651	120.83	24,488,841.7
2021	16,895	2,175,774	77.65	346,244.7
<b><i>Diabetic Nephropathy Defined as the Presence of One Diagnosis Code, No Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
2016	*****	16,123,398	0.13	3,879,688.6
2017	464	19,197,315	0.24	15,493,906.6
2018	373	19,022,869	0.20	15,231,628.5
2019	310	19,177,493	0.16	15,061,555.0
2020	161	16,111,474	0.10	11,725,898.6
2021	*****	192,879	0.05	30,190.4
<i>Aged 20-29</i>				
2016	1,286	10,530,967	1.22	2,454,333.4
2017	3,161	13,933,956	2.27	9,925,423.3
2018	2,880	13,923,159	2.07	9,800,670.8
2019	2,789	14,049,149	1.99	9,722,934.2
2020	2,117	12,103,887	1.75	7,918,449.1
2021	32	144,251	2.22	22,131.1

**Table 7. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Year; Cohort Re-Entry Allowed Once Each Age Group-Year**

<b>Age Group (Years)</b>	<b>Patients Meeting Disease Definition</b>	<b>Eligible Members<sup>1</sup></b>	<b>Patients Meeting Disease Definition per 10,000 Eligible Members</b>	<b>Eligible Member Years<sup>1</sup></b>
<i>Aged 30-39</i>				
2016	5,863	10,830,517	5.41	2,550,186.7
2017	14,196	13,676,950	10.38	10,287,471.7
2018	13,449	13,681,640	9.83	10,209,805.7
2019	12,931	13,854,635	9.33	10,118,388.1
2020	10,291	12,175,381	8.45	8,399,641.7
2021	151	193,560	7.80	29,873.1
<i>Aged 40-49</i>				
2016	17,293	11,233,155	15.39	2,668,048.1
2017	41,928	13,582,804	30.87	10,648,656.8
2018	39,715	13,365,679	29.71	10,387,902.0
2019	37,950	13,385,914	28.35	10,184,428.0
2020	30,829	11,853,835	26.01	8,423,476.5
2021	708	252,003	28.09	38,905.8
<i>Aged 50-59</i>				
2016	45,246	12,971,907	34.88	3,103,769.4
2017	106,661	15,228,257	70.04	12,291,877.8
2018	102,002	14,783,775	69.00	11,815,790.8
2019	97,232	14,724,559	66.03	11,529,083.2
2020	81,397	13,213,357	61.60	9,608,821.5
2021	2,948	473,604	62.25	73,204.2
<i>Aged 60-69</i>				
2016	113,587	18,159,505	62.55	4,342,746.9
2017	261,478	21,378,145	122.31	17,092,817.4
2018	254,298	21,410,615	118.77	17,054,060.7
2019	253,442	21,980,477	115.30	17,299,998.2
2020	232,303	21,351,596	108.80	16,296,933.6
2021	11,513	1,553,193	74.12	240,960.7
<i>Aged 70+</i>				
2016	227,405	24,796,551	91.71	6,112,660.4
2017	511,999	26,720,601	191.61	24,376,525.4
2018	521,451	27,298,340	191.02	24,817,212.8
2019	539,750	28,041,273	192.48	25,396,742.4
2020	540,082	28,354,913	190.47	25,295,004.7
2021	28,204	2,608,323	108.13	411,816.9

***Diabetic Nephropathy Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code, 365 Days of Pre-Diagnosis Enrollment Required***

<i>Aged 0-19</i>				
2016	96	12,797,992	0.08	2,808,525.1
2017	238	13,578,130	0.18	11,309,927.5
2018	199	13,529,994	0.15	11,286,321.4
2019	156	13,325,458	0.12	10,909,953.1
2020	67	12,373,541	0.05	8,653,875.8
2021	0	139,411	0.00	21,838.7

**Table 7. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Year; Cohort Re-Entry Allowed Once Each Age Group-Year**

<b>Age Group (Years)</b>	<b>Patients Meeting Disease Definition</b>	<b>Eligible Members<sup>1</sup></b>	<b>Patients Meeting Disease Definition per 10,000 Eligible Members</b>	<b>Eligible Member Years<sup>1</sup></b>
<i>Aged 20-29</i>				
2016	612	7,647,194	0.80	1,607,427.5
2017	1,452	8,856,978	1.64	6,509,683.1
2018	1,340	8,964,815	1.49	6,595,420.6
2019	1,256	8,813,481	1.43	6,389,871.0
2020	1,004	8,618,688	1.16	5,368,916.1
2021	13	90,862	1.43	13,953.6
<i>Aged 30-39</i>				
2016	3,402	8,417,519	4.04	1,799,857.2
2017	7,784	9,512,633	8.18	7,346,904.2
2018	7,496	9,615,925	7.80	7,448,390.3
2019	7,100	9,547,691	7.44	7,232,797.2
2020	5,737	9,266,665	6.19	6,139,930.2
2021	62	131,196	4.73	20,324.8
<i>Aged 40-49</i>				
2016	10,440	9,329,472	11.19	2,036,002.8
2017	23,394	10,187,929	22.96	8,183,879.5
2018	23,013	10,157,208	22.66	8,176,445.4
2019	21,765	9,949,220	21.88	7,836,638.4
2020	18,083	9,591,207	18.85	6,619,131.0
2021	347	175,198	19.81	27,159.8
<i>Aged 50-59</i>				
2016	28,077	11,146,207	25.19	2,469,217.8
2017	61,913	11,931,083	51.89	9,803,852.4
2018	60,742	11,784,381	51.54	9,676,678.7
2019	57,917	11,385,069	50.87	9,178,527.1
2020	48,629	10,995,691	44.23	7,795,868.0
2021	1,591	328,906	48.37	51,105.0
<i>Aged 60-69</i>				
2016	71,982	15,257,962	47.18	3,449,290.4
2017	156,568	16,857,225	92.88	13,492,345.0
2018	155,204	16,927,791	91.69	13,585,370.7
2019	153,609	16,875,046	91.03	13,440,852.8
2020	138,513	17,275,695	80.18	12,660,334.6
2021	6,433	999,849	64.34	155,833.3
<i>Aged 70+</i>				
2016	164,700	24,271,150	67.86	5,868,593.9
2017	349,051	25,411,820	137.36	23,299,305.4
2018	363,738	25,850,021	140.71	23,694,461.3
2019	376,347	26,219,632	143.54	23,966,022.1
2020	363,651	27,218,495	133.60	23,783,904.4
2021	18,785	2,107,304	89.14	335,143.8

**Table 7. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Year; Cohort Re-Entry Allowed Once Each Age Group-Year**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b><i>Nephrotic Syndrome Defined as the Presence of One Diagnosis Code in an Inpatient or Institutional Stay Setting or Two Diagnosis Codes in an Ambulatory Care Setting with the Second Code Occurring One to 183 Days After the First Code, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
2016	*****	14,359,017	0.66	3,407,680.5
2017	1,646	16,758,086	0.98	13,210,867.7
2018	1,689	16,500,744	1.02	13,048,369.6
2019	1,716	16,567,760	1.04	12,770,835.0
2020	1,367	14,177,785	0.96	10,030,172.8
2021	*****	160,814	0.44	25,200.6
<i>Aged 20-29</i>				
2016	*****	8,922,284	0.55	2,037,767.1
2017	1,075	11,575,672	0.93	8,009,662.7
2018	1,071	11,487,501	0.93	7,973,289.7
2019	1,077	11,517,956	0.94	7,826,861.3
2020	897	10,221,859	0.88	6,497,531.3
2021	*****	110,064	0.73	16,899.2
<i>Aged 30-39</i>				
2016	768	9,587,680	0.80	2,222,236.5
2017	1,624	11,903,797	1.36	8,689,613.9
2018	1,719	11,853,141	1.45	8,683,426.4
2019	1,760	11,951,052	1.47	8,526,045.5
2020	1,527	10,675,695	1.43	7,159,074.1
2021	19	153,669	1.24	23,807.8
<i>Aged 40-49</i>				
2016	1,082	10,280,791	1.05	2,412,748.4
2017	2,325	12,235,596	1.90	9,328,552.3
2018	2,480	11,982,392	2.07	9,177,440.8
2019	2,489	11,948,736	2.08	8,902,362.2
2020	2,065	10,697,551	1.93	7,427,454.6
2021	26	201,449	1.29	31,266.6
<i>Aged 50-59</i>				
2016	1,727	12,095,516	1.43	2,860,591.6
2017	3,773	14,017,540	2.69	10,977,498.0
2018	3,793	13,557,195	2.80	10,662,087.6
2019	3,738	13,413,486	2.79	10,253,830.5
2020	3,094	12,083,227	2.56	8,601,476.9
2021	68	374,119	1.82	58,250.5
<i>Aged 60-69</i>				
2016	3,074	16,796,019	1.83	3,940,222.5
2017	6,540	19,534,443	3.35	15,204,681.9
2018	6,822	19,450,811	3.51	15,213,174.6
2019	6,968	19,791,705	3.52	15,230,380.3
2020	6,186	19,150,918	3.23	14,324,080.9
2021	164	1,131,926	1.45	176,791.0

**Table 7. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Year; Cohort Re-Entry Allowed Once Each Age Group-Year**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b>Aged 70+</b>				
2016	4,539	24,569,652	1.85	6,041,645.1
2017	9,837	26,367,057	3.73	23,834,103.0
2018	10,535	26,870,810	3.92	24,229,308.9
2019	10,893	27,537,060	3.96	24,654,142.8
2020	9,842	27,706,651	3.55	24,488,841.7
2021	291	2,175,774	1.34	346,244.7
<b><i>Nephrotic Syndrome Defined as the Presence of One Diagnosis Code, No Pre-Diagnosis Enrollment Required</i></b>				
<b>Aged 0-19</b>				
2016	1,318	16,123,398	0.82	3,879,688.6
2017	2,563	19,197,315	1.34	15,493,906.6
2018	2,551	19,022,869	1.34	15,231,628.5
2019	2,640	19,177,493	1.38	15,061,555.0
2020	2,044	16,111,474	1.27	11,725,898.6
2021	11	192,879	0.57	30,190.4
<b>Aged 20-29</b>				
2016	841	10,530,967	0.80	2,454,333.4
2017	2,203	13,933,956	1.58	9,925,423.3
2018	2,230	13,923,159	1.60	9,800,670.8
2019	2,249	14,049,149	1.60	9,722,934.2
2020	1,772	12,103,887	1.46	7,918,449.1
2021	11	144,251	0.76	22,131.1
<b>Aged 30-39</b>				
2016	1,373	10,830,517	1.27	2,550,186.7
2017	3,490	13,676,950	2.55	10,287,471.7
2018	3,641	13,681,640	2.66	10,209,805.7
2019	3,699	13,854,635	2.67	10,118,388.1
2020	3,027	12,175,381	2.49	8,399,641.7
2021	42	193,560	2.17	29,873.1
<b>Aged 40-49</b>				
2016	1,929	11,233,155	1.72	2,668,048.1
2017	4,992	13,582,804	3.68	10,648,656.8
2018	5,237	13,365,679	3.92	10,387,902.0
2019	5,383	13,385,914	4.02	10,184,428.0
2020	4,317	11,853,835	3.64	8,423,476.5
2021	55	252,003	2.18	38,905.8
<b>Aged 50-59</b>				
2016	3,127	12,971,907	2.41	3,103,769.4
2017	8,007	15,228,257	5.26	12,291,877.8
2018	8,164	14,783,775	5.52	11,815,790.8
2019	7,988	14,724,559	5.42	11,529,083.2
2020	6,714	13,213,357	5.08	9,608,821.5
2021	156	473,604	3.29	73,204.2



**Table 7. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Year; Cohort Re-Entry Allowed Once Each Age Group-Year**

<b>Age Group (Years)</b>	<b>Patients Meeting Disease Definition</b>	<b>Eligible Members<sup>1</sup></b>	<b>Patients Meeting Disease Definition per 10,000 Eligible Members</b>	<b>Eligible Member Years<sup>1</sup></b>
<i>Aged 60-69</i>				
2016	5,531	18,159,505	3.05	4,342,746.9
2017	14,159	21,378,145	6.62	17,092,817.4
2018	14,305	21,410,615	6.68	17,054,060.7
2019	14,879	21,980,477	6.77	17,299,998.2
2020	13,061	21,351,596	6.12	16,296,933.6
2021	372	1,553,193	2.40	240,960.7
<i>Aged 70+</i>				
2016	7,964	24,796,551	3.21	6,112,660.4
2017	20,489	26,720,601	7.67	24,376,525.4
2018	21,668	27,298,340	7.94	24,817,212.8
2019	22,412	28,041,273	7.99	25,396,742.4
2020	20,000	28,354,913	7.05	25,295,004.7
2021	587	2,608,323	2.25	411,816.9
<b><i>Nephrotic Syndrome Defined as the Presence of One Diagnosis Code in an Inpatient or Institutional Stay Setting or Two Diagnosis Codes in an Ambulatory Care Setting with the Second Code Occurring One to 365 Days After the First Code, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19</i>				
2016	*****	12,797,992	0.69	2,808,525.1
2017	1,548	13,578,130	1.14	11,309,927.5
2018	1,592	13,529,994	1.18	11,286,321.4
2019	1,621	13,325,458	1.22	10,909,953.1
2020	1,304	12,373,541	1.05	8,653,875.8
2021	*****	139,411	0.43	21,838.7
<i>Aged 20-29</i>				
2016	*****	7,647,194	0.56	1,607,427.5
2017	987	8,856,978	1.11	6,509,683.1
2018	995	8,964,815	1.11	6,595,420.6
2019	994	8,813,481	1.13	6,389,871.0
2020	818	8,618,688	0.95	5,368,916.1
2021	*****	90,862	0.66	13,953.6
<i>Aged 30-39</i>				
2016	716	8,417,519	0.85	1,799,857.2
2017	1,598	9,512,633	1.68	7,346,904.2
2018	1,670	9,615,925	1.74	7,448,390.3
2019	1,705	9,547,691	1.79	7,232,797.2
2020	1,463	9,266,665	1.58	6,139,930.2
2021	17	131,196	1.30	20,324.8
<i>Aged 40-49</i>				
2016	1,038	9,329,472	1.11	2,036,002.8
2017	2,305	10,187,929	2.26	8,183,879.5
2018	2,460	10,157,208	2.42	8,176,445.4
2019	2,480	9,949,220	2.49	7,836,638.4
2020	2,088	9,591,207	2.18	6,619,131.0
2021	26	175,198	1.48	27,159.8

**Table 7. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group and Year; Cohort Re-Entry Allowed Once Each Age Group-Year**

<b>Age Group (Years)</b>	<b>Patients Meeting Disease Definition</b>	<b>Eligible Members<sup>1</sup></b>	<b>Patients Meeting Disease Definition per 10,000 Eligible Members</b>	<b>Eligible Member Years<sup>1</sup></b>
<i>Aged 50-59</i>				
2016	1,684	11,146,207	1.51	2,469,217.8
2017	3,770	11,931,083	3.16	9,803,852.4
2018	3,754	11,784,381	3.19	9,676,678.7
2019	3,728	11,385,069	3.27	9,178,527.1
2020	3,157	10,995,691	2.87	7,795,868.0
2021	65	328,906	1.98	51,105.0
<i>Aged 60-69</i>				
2016	3,034	15,257,962	1.99	3,449,290.4
2017	6,522	16,857,225	3.87	13,492,345.0
2018	6,727	16,927,791	3.97	13,585,370.7
2019	6,899	16,875,046	4.09	13,440,852.8
2020	6,184	17,275,695	3.58	12,660,334.6
2021	172	999,849	1.72	155,833.3
<i>Aged 70+</i>				
2016	4,868	24,271,150	2.01	5,868,593.9
2017	10,567	25,411,820	4.16	23,299,305.4
2018	11,299	25,850,021	4.37	23,694,461.3
2019	11,721	26,219,632	4.47	23,966,022.1
2020	10,635	27,218,495	3.91	23,783,904.4
2021	317	2,107,304	1.50	335,143.8

<sup>1</sup>Eligible Members and Member-years are reflective of the number of patients that met all cohort entry criteria on at least one day during the query period.

\*\*\*\*\*Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b><i>Focal Segmental Glomerulosclerosis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code from the Original Codelist, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19, Female</i>				
2016	*****	7,015,097	0.05	1,664,951.7
2017	92	8,193,734	0.11	6,457,753.3
2018	92	8,067,644	0.11	6,378,024.0
2019	105	8,100,432	0.13	6,242,738.1
2020	92	6,929,486	0.13	4,902,165.3
2021	*****	78,072	0.13	12,235.5
<i>Aged 0-19, Male</i>				
2016	42	7,343,920	0.06	1,742,728.8
2017	111	8,564,352	0.13	6,753,114.4
2018	112	8,433,100	0.13	6,670,345.7
2019	116	8,467,328	0.14	6,528,096.9
2020	89	7,248,299	0.12	5,128,007.4
2021	0	82,742	0.00	12,965.1
<i>Aged 20-29, Female</i>				
2016	56	4,448,421	0.13	1,015,191.8
2017	183	5,776,468	0.32	3,992,474.9
2018	157	5,729,152	0.27	3,976,193.7
2019	172	5,744,915	0.30	3,898,427.9
2020	147	5,062,931	0.29	3,211,256.4
2021	0	56,475	0.00	8,660.5
<i>Aged 20-29, Male</i>				
2016	*****	4,473,863	0.17	1,022,575.3
2017	184	5,799,204	0.32	4,017,187.8
2018	213	5,758,349	0.37	3,997,096.0
2019	227	5,773,041	0.39	3,928,433.5
2020	208	5,158,928	0.40	3,286,275.0
2021	*****	53,589	0.37	8,238.7
<i>Aged 30-39, Female</i>				
2016	*****	4,864,576	0.23	1,128,951.0
2017	276	6,016,731	0.46	4,409,458.8
2018	297	5,982,280	0.50	4,401,167.5
2019	325	6,040,023	0.54	4,326,055.5
2020	318	5,359,121	0.59	3,598,304.0
2021	*****	78,423	0.26	12,146.5
<i>Aged 30-39, Male</i>				
2016	*****	4,723,104	0.22	1,093,285.5
2017	243	5,887,066	0.41	4,280,155.1
2018	325	5,870,861	0.55	4,282,258.9
2019	373	5,911,029	0.63	4,199,990.0
2020	340	5,316,574	0.64	3,560,770.1
2021	*****	75,246	0.27	11,661.3

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 40-49, Female</i>				
2016	*****	5,218,028	0.23	1,225,524.1
2017	294	6,197,945	0.47	4,735,110.4
2018	356	6,060,161	0.59	4,653,640.9
2019	431	6,053,353	0.71	4,520,683.7
2020	351	5,409,100	0.65	3,758,810.0
2021	*****	104,819	0.48	16,257.5
<i>Aged 40-49, Male</i>				
2016	*****	5,062,763	0.23	1,187,224.3
2017	331	6,037,651	0.55	4,593,441.9
2018	416	5,922,231	0.70	4,523,799.8
2019	470	5,895,383	0.80	4,381,678.4
2020	434	5,288,451	0.82	3,668,644.6
2021	*****	96,630	0.31	15,009.1
<i>Aged 50-59, Female</i>				
2016	*****	6,177,304	0.24	1,461,626.6
2017	357	7,144,101	0.50	5,599,994.4
2018	397	6,893,769	0.58	5,430,373.1
2019	497	6,824,729	0.73	5,223,109.7
2020	478	6,144,002	0.78	4,373,191.7
2021	*****	194,732	0.46	30,312.5
<i>Aged 50-59, Male</i>				
2016	206	5,918,212	0.35	1,398,965.0
2017	481	6,873,439	0.70	5,377,503.6
2018	520	6,663,426	0.78	5,231,714.6
2019	650	6,588,757	0.99	5,030,720.8
2020	579	5,939,225	0.97	4,228,285.2
2021	13	179,387	0.72	27,937.9
<i>Aged 60-69, Female</i>				
2016	203	8,827,837	0.23	2,073,400.1
2017	466	10,242,930	0.45	7,987,214.8
2018	581	10,184,886	0.57	7,983,406.0
2019	662	10,363,371	0.64	7,989,635.9
2020	605	10,021,337	0.60	7,522,245.7
2021	12	604,376	0.20	94,393.5
<i>Aged 60-69, Male</i>				
2016	309	7,968,182	0.39	1,866,822.4
2017	718	9,291,513	0.77	7,217,467.0
2018	857	9,265,925	0.92	7,229,768.6
2019	983	9,428,334	1.04	7,240,744.4
2020	1,006	9,129,581	1.10	6,801,835.2
2021	22	527,550	0.42	82,397.5
<i>Aged 70+, Female</i>				
2016	222	14,053,787	0.16	3,460,738.0
2017	576	14,987,806	0.38	13,608,119.5
2018	709	15,217,295	0.47	13,777,275.8
2019	833	15,548,411	0.54	13,970,070.3
2020	842	15,597,635	0.54	13,836,827.3
2021	25	1,212,423	0.21	193,014.7

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 70+, Male</i>				
2016	403	10,515,865	0.38	2,580,907.1
2017	928	11,379,251	0.82	10,225,983.5
2018	1,141	11,653,515	0.98	10,452,033.1
2019	1,276	11,988,649	1.06	10,684,072.5
2020	1,298	12,109,016	1.07	10,652,014.3
2021	28	963,351	0.29	153,230.0
<b><i>Focal Segmental Glomerulosclerosis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code from the Expanded Codelist, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19, Female</i>				
2016	*****	7,015,097	0.14	1,664,951.7
2017	221	8,193,734	0.27	6,457,753.3
2018	225	8,067,644	0.28	6,378,024.0
2019	232	8,100,432	0.29	6,242,738.1
2020	202	6,929,486	0.29	4,902,165.3
2021	*****	78,072	0.13	12,235.5
<i>Aged 0-19, Male</i>				
2016	124	7,343,920	0.17	1,742,728.8
2017	255	8,564,352	0.30	6,753,114.4
2018	259	8,433,100	0.31	6,670,345.7
2019	269	8,467,328	0.32	6,528,096.9
2020	226	7,248,299	0.31	5,128,007.4
2021	0	82,742	0.00	12,965.1
<i>Aged 20-29, Female</i>				
2016	173	4,448,421	0.39	1,015,191.8
2017	430	5,776,468	0.74	3,992,474.9
2018	398	5,729,152	0.69	3,976,193.7
2019	403	5,744,915	0.70	3,898,427.9
2020	346	5,062,931	0.68	3,211,256.4
2021	0	56,475	0.00	8,660.5
<i>Aged 20-29, Male</i>				
2016	*****	4,473,863	0.43	1,022,575.3
2017	454	5,799,204	0.78	4,017,187.8
2018	489	5,758,349	0.85	3,997,096.0
2019	531	5,773,041	0.92	3,928,433.5
2020	478	5,158,928	0.93	3,286,275.0
2021	*****	53,589	0.56	8,238.7
<i>Aged 30-39, Female</i>				
2016	*****	4,864,576	0.62	1,128,951.0
2017	677	6,016,731	1.13	4,409,458.8
2018	731	5,982,280	1.22	4,401,167.5
2019	735	6,040,023	1.22	4,326,055.5
2020	694	5,359,121	1.29	3,598,304.0
2021	*****	78,423	0.38	12,146.5

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 30-39, Male</i>				
2016	*****	4,723,104	0.57	1,093,285.5
2017	693	5,887,066	1.18	4,280,155.1
2018	780	5,870,861	1.33	4,282,258.9
2019	872	5,911,029	1.48	4,199,990.0
2020	767	5,316,574	1.44	3,560,770.1
2021	*****	75,246	0.40	11,661.3
<i>Aged 40-49, Female</i>				
2016	*****	5,218,028	0.64	1,225,524.1
2017	823	6,197,945	1.33	4,735,110.4
2018	875	6,060,161	1.44	4,653,640.9
2019	972	6,053,353	1.61	4,520,683.7
2020	803	5,409,100	1.48	3,758,810.0
2021	*****	104,819	0.95	16,257.5
<i>Aged 40-49, Male</i>				
2016	*****	5,062,763	0.71	1,187,224.3
2017	916	6,037,651	1.52	4,593,441.9
2018	1,002	5,922,231	1.69	4,523,799.8
2019	1,089	5,895,383	1.85	4,381,678.4
2020	961	5,288,451	1.82	3,668,644.6
2021	*****	96,630	0.72	15,009.1
<i>Aged 50-59, Female</i>				
2016	358	6,177,304	0.58	1,461,626.6
2017	866	7,144,101	1.21	5,599,994.4
2018	932	6,893,769	1.35	5,430,373.1
2019	1,089	6,824,729	1.60	5,223,109.7
2020	1,020	6,144,002	1.66	4,373,191.7
2021	21	194,732	1.08	30,312.5
<i>Aged 50-59, Male</i>				
2016	519	5,918,212	0.88	1,398,965.0
2017	1,194	6,873,439	1.74	5,377,503.6
2018	1,308	6,663,426	1.96	5,231,714.6
2019	1,445	6,588,757	2.19	5,030,720.8
2020	1,291	5,939,225	2.17	4,228,285.2
2021	20	179,387	1.11	27,937.9
<i>Aged 60-69, Female</i>				
2016	492	8,827,837	0.56	2,073,400.1
2017	1,149	10,242,930	1.12	7,987,214.8
2018	1,319	10,184,886	1.30	7,983,406.0
2019	1,456	10,363,371	1.40	7,989,635.9
2020	1,365	10,021,337	1.36	7,522,245.7
2021	33	604,376	0.55	94,393.5
<i>Aged 60-69, Male</i>				
2016	754	7,968,182	0.95	1,866,822.4
2017	1,750	9,291,513	1.88	7,217,467.0
2018	1,960	9,265,925	2.12	7,229,768.6
2019	2,112	9,428,334	2.24	7,240,744.4
2020	2,036	9,129,581	2.23	6,801,835.2
2021	37	527,550	0.70	82,397.5

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 70+, Female</i>				
2016	554	14,053,787	0.39	3,460,738.0
2017	1,304	14,987,806	0.87	13,608,119.5
2018	1,517	15,217,295	1.00	13,777,275.8
2019	1,745	15,548,411	1.12	13,970,070.3
2020	1,720	15,597,635	1.10	13,836,827.3
2021	52	1,212,423	0.43	193,014.7
<i>Aged 70+, Male</i>				
2016	866	10,515,865	0.82	2,580,907.1
2017	2,138	11,379,251	1.88	10,225,983.5
2018	2,356	11,653,515	2.02	10,452,033.1
2019	2,581	11,988,649	2.15	10,684,072.5
2020	2,546	12,109,016	2.10	10,652,014.3
2021	65	963,351	0.67	153,230.0
<b><i>Focal Segmental Glomerulosclerosis Defined as the Presence of One Diagnosis Code from the Original Codelist, No Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19, Female</i>				
2016	*****	7,881,735	0.06	1,896,664.8
2017	152	9,388,723	0.16	7,575,731.3
2018	157	9,304,687	0.17	7,446,984.5
2019	181	9,381,315	0.19	7,363,722.8
2020	149	7,872,896	0.19	5,730,625.8
2021	*****	93,719	0.11	14,669.5
<i>Aged 0-19, Male</i>				
2016	63	8,241,663	0.08	1,983,023.9
2017	177	9,808,592	0.18	7,918,175.2
2018	195	9,718,182	0.20	7,784,643.9
2019	201	9,796,178	0.21	7,697,832.3
2020	154	8,238,578	0.19	5,995,272.7
2021	0	99,160	0.00	15,520.9
<i>Aged 20-29, Female</i>				
2016	*****	5,251,887	0.18	1,224,903.4
2017	297	6,943,464	0.43	4,955,464.5
2018	279	6,934,043	0.40	4,887,156.4
2019	287	7,016,408	0.41	4,851,791.7
2020	258	5,999,100	0.43	3,928,897.0
2021	*****	73,630	0.14	11,306.9
<i>Aged 20-29, Male</i>				
2016	*****	5,279,080	0.20	1,229,430.0
2017	306	6,990,492	0.44	4,969,958.8
2018	400	6,989,116	0.57	4,913,514.5
2019	414	7,032,741	0.59	4,871,142.5
2020	354	6,104,787	0.58	3,989,552.2
2021	*****	70,621	0.57	10,824.2

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 30-39, Female</i>				
2016	*****	5,469,544	0.31	1,290,801.0
2017	453	6,870,236	0.66	5,200,990.6
2018	493	6,870,228	0.72	5,155,824.5
2019	544	6,974,927	0.78	5,118,407.8
2020	508	6,095,628	0.83	4,222,093.1
2021	*****	98,527	0.41	15,203.3
<i>Aged 30-39, Male</i>				
2016	*****	5,360,973	0.29	1,259,385.7
2017	431	6,806,714	0.63	5,086,481.1
2018	540	6,811,412	0.79	5,053,981.2
2019	607	6,879,708	0.88	4,999,980.3
2020	563	6,079,753	0.93	4,177,548.6
2021	*****	95,033	0.63	14,669.8
<i>Aged 40-49, Female</i>				
2016	*****	5,685,291	0.31	1,352,337.3
2017	527	6,857,512	0.77	5,394,932.8
2018	611	6,742,121	0.91	5,256,371.8
2019	692	6,771,478	1.02	5,164,068.2
2020	612	5,988,418	1.02	4,263,563.2
2021	*****	131,315	0.69	20,265.0
<i>Aged 40-49, Male</i>				
2016	*****	5,547,864	0.35	1,315,710.8
2017	585	6,725,292	0.87	5,253,724.0
2018	680	6,623,558	1.03	5,131,530.1
2019	797	6,614,436	1.20	5,020,359.8
2020	759	5,865,417	1.29	4,159,913.3
2021	*****	120,688	0.66	18,640.9
<i>Aged 50-59, Female</i>				
2016	204	6,614,127	0.31	1,583,867.0
2017	582	7,749,631	0.75	6,267,574.2
2018	666	7,510,494	0.89	6,011,503.5
2019	794	7,495,999	1.06	5,871,223.5
2020	783	6,722,401	1.16	4,888,266.8
2021	17	246,845	0.69	38,137.5
<i>Aged 50-59, Male</i>				
2016	301	6,357,780	0.47	1,519,902.4
2017	784	7,478,626	1.05	6,024,303.6
2018	889	7,273,281	1.22	5,804,287.3
2019	1,048	7,228,560	1.45	5,657,859.7
2020	986	6,490,956	1.52	4,720,554.7
2021	24	226,759	1.06	35,066.7
<i>Aged 60-69, Female</i>				
2016	301	9,542,281	0.32	2,283,014.4
2017	767	11,205,299	0.68	8,977,177.6
2018	905	11,207,454	0.81	8,943,181.7
2019	1,039	11,507,012	0.90	9,072,162.5
2020	1,028	11,168,954	0.92	8,550,311.2
2021	33	832,064	0.40	129,078.6



**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 60-69, Male</i>				
2016	465	8,617,224	0.54	2,059,732.4
2017	1,192	10,172,846	1.17	8,115,639.7
2018	1,417	10,203,161	1.39	8,110,879.0
2019	1,617	10,473,465	1.54	8,227,835.7
2020	1,655	10,182,642	1.63	7,746,622.4
2021	35	721,129	0.49	111,882.1
<i>Aged 70+, Female</i>				
2016	325	14,179,933	0.23	3,499,404.5
2017	875	15,184,065	0.58	13,907,334.9
2018	1,070	15,453,319	0.69	14,102,224.1
2019	1,244	15,827,748	0.79	14,382,928.3
2020	1,445	15,956,336	0.91	14,285,044.7
2021	41	1,460,498	0.28	230,560.6
<i>Aged 70+, Male</i>				
2016	555	10,616,618	0.52	2,613,255.9
2017	1,483	11,536,536	1.29	10,469,190.6
2018	1,712	11,845,021	1.45	10,714,988.7
2019	2,035	12,213,525	1.67	11,013,814.2
2020	2,215	12,398,577	1.79	11,009,960.0
2021	56	1,147,825	0.49	181,256.3
<b><i>Focal Segmental Glomerulosclerosis Defined as the Presence of One Diagnosis Code from the Expanded Codelist, No Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19, Female</i>				
2016	*****	7,881,735	0.18	1,896,664.8
2017	311	9,388,723	0.33	7,575,731.3
2018	315	9,304,687	0.34	7,446,984.5
2019	334	9,381,315	0.36	7,363,722.8
2020	293	7,872,896	0.37	5,730,625.8
2021	*****	93,719	0.11	14,669.5
<i>Aged 0-19, Male</i>				
2016	179	8,241,663	0.22	1,983,023.9
2017	363	9,808,592	0.37	7,918,175.2
2018	392	9,718,182	0.40	7,784,643.9
2019	386	9,796,178	0.39	7,697,832.3
2020	311	8,238,578	0.38	5,995,272.7
2021	0	99,160	0.00	15,520.9
<i>Aged 20-29, Female</i>				
2016	*****	5,251,887	0.51	1,224,903.4
2017	671	6,943,464	0.97	4,955,464.5
2018	667	6,934,043	0.96	4,887,156.4
2019	636	7,016,408	0.91	4,851,791.7
2020	556	5,999,100	0.93	3,928,897.0
2021	*****	73,630	0.14	11,306.9

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 20-29, Male</i>				
2016	*****	5,279,080	0.56	1,229,430.0
2017	739	6,990,492	1.06	4,969,958.8
2018	791	6,989,116	1.13	4,913,514.5
2019	831	7,032,741	1.18	4,871,142.5
2020	730	6,104,787	1.20	3,989,552.2
2021	*****	70,621	0.71	10,824.2
<i>Aged 30-39, Female</i>				
2016	446	5,469,544	0.82	1,290,801.0
2017	1,119	6,870,236	1.63	5,200,990.6
2018	1,124	6,870,228	1.64	5,155,824.5
2019	1,187	6,974,927	1.70	5,118,407.8
2020	1,054	6,095,628	1.73	4,222,093.1
2021	13	98,527	1.32	15,203.3
<i>Aged 30-39, Male</i>				
2016	*****	5,360,973	0.79	1,259,385.7
2017	1,120	6,806,714	1.65	5,086,481.1
2018	1,228	6,811,412	1.80	5,053,981.2
2019	1,295	6,879,708	1.88	4,999,980.3
2020	1,175	6,079,753	1.93	4,177,548.6
2021	*****	95,033	1.05	14,669.8
<i>Aged 40-49, Female</i>				
2016	502	5,685,291	0.88	1,352,337.3
2017	1,352	6,857,512	1.97	5,394,932.8
2018	1,428	6,742,121	2.12	5,256,371.8
2019	1,500	6,771,478	2.22	5,164,068.2
2020	1,295	5,988,418	2.16	4,263,563.2
2021	19	131,315	1.45	20,265.0
<i>Aged 40-49, Male</i>				
2016	568	5,547,864	1.02	1,315,710.8
2017	1,540	6,725,292	2.29	5,253,724.0
2018	1,645	6,623,558	2.48	5,131,530.1
2019	1,778	6,614,436	2.69	5,020,359.8
2020	1,553	5,865,417	2.65	4,159,913.3
2021	15	120,688	1.24	18,640.9
<i>Aged 50-59, Female</i>				
2016	551	6,614,127	0.83	1,583,867.0
2017	1,467	7,749,631	1.89	6,267,574.2
2018	1,535	7,510,494	2.04	6,011,503.5
2019	1,678	7,495,999	2.24	5,871,223.5
2020	1,580	6,722,401	2.35	4,888,266.8
2021	35	246,845	1.42	38,137.5
<i>Aged 50-59, Male</i>				
2016	782	6,357,780	1.23	1,519,902.4
2017	1,922	7,478,626	2.57	6,024,303.6
2018	2,071	7,273,281	2.85	5,804,287.3
2019	2,237	7,228,560	3.09	5,657,859.7
2020	2,038	6,490,956	3.14	4,720,554.7
2021	39	226,759	1.72	35,066.7

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 60-69, Female</i>				
2016	760	9,542,281	0.80	2,283,014.4
2017	1,813	11,205,299	1.62	8,977,177.6
2018	2,051	11,207,454	1.83	8,943,181.7
2019	2,250	11,507,012	1.96	9,072,162.5
2020	2,148	11,168,954	1.92	8,550,311.2
2021	70	832,064	0.84	129,078.6
<i>Aged 60-69, Male</i>				
2016	1,156	8,617,224	1.34	2,059,732.4
2017	2,795	10,172,846	2.75	8,115,639.7
2018	3,045	10,203,161	2.98	8,110,879.0
2019	3,253	10,473,465	3.11	8,227,835.7
2020	3,156	10,182,642	3.10	7,746,622.4
2021	68	721,129	0.94	111,882.1
<i>Aged 70+, Female</i>				
2016	792	14,179,933	0.56	3,499,404.5
2017	1,973	15,184,065	1.30	13,907,334.9
2018	2,241	15,453,319	1.45	14,102,224.1
2019	2,543	15,827,748	1.61	14,382,928.3
2020	2,673	15,956,336	1.68	14,285,044.7
2021	84	1,460,498	0.58	230,560.6
<i>Aged 70+, Male</i>				
2016	1,270	10,616,618	1.20	2,613,255.9
2017	3,165	11,536,536	2.74	10,469,190.6
2018	3,436	11,845,021	2.90	10,714,988.7
2019	3,887	12,213,525	3.18	11,013,814.2
2020	3,943	12,398,577	3.18	11,009,960.0
2021	112	1,147,825	0.98	181,256.3
<b><i>Focal Segmental Glomerulosclerosis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code from the Original Codelist, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19, Female</i>				
2016	*****	6,253,724	0.06	1,372,448.1
2017	89	6,635,384	0.13	5,527,202.5
2018	85	6,612,813	0.13	5,516,257.3
2019	108	6,513,567	0.17	5,332,422.5
2020	92	6,046,924	0.15	4,228,595.3
2021	*****	67,790	0.15	10,616.3
<i>Aged 0-19, Male</i>				
2016	43	6,544,268	0.07	1,436,077.0
2017	105	6,942,746	0.15	5,782,725.0
2018	105	6,917,181	0.15	5,770,064.1
2019	110	6,811,891	0.16	5,577,530.6
2020	88	6,326,617	0.14	4,425,280.5
2021	0	71,621	0.00	11,222.4

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 20-29, Female</i>				
2016	53	3,810,404	0.14	799,708.0
2017	159	4,408,065	0.36	3,234,130.3
2018	148	4,475,073	0.33	3,283,954.2
2019	156	4,388,725	0.36	3,175,716.3
2020	135	4,260,750	0.32	2,635,586.6
2021	0	46,663	0.00	7,161.7
<i>Aged 20-29, Male</i>				
2016	*****	3,836,790	0.17	807,719.5
2017	183	4,448,913	0.41	3,275,552.7
2018	205	4,489,742	0.46	3,311,466.4
2019	212	4,424,756	0.48	3,214,154.7
2020	200	4,357,938	0.46	2,733,329.5
2021	*****	44,199	0.45	6,791.9
<i>Aged 30-39, Female</i>				
2016	*****	4,290,132	0.24	917,051.6
2017	266	4,824,646	0.55	3,736,871.5
2018	305	4,874,876	0.63	3,784,520.1
2019	317	4,842,847	0.65	3,677,192.1
2020	312	4,660,607	0.67	3,080,340.8
2021	*****	67,278	0.45	10,418.1
<i>Aged 30-39, Male</i>				
2016	*****	4,127,387	0.24	882,805.6
2017	230	4,687,987	0.49	3,610,032.7
2018	332	4,741,049	0.70	3,663,870.1
2019	361	4,704,844	0.77	3,555,605.1
2020	326	4,606,058	0.71	3,059,589.5
2021	*****	63,918	0.31	9,906.7
<i>Aged 40-49, Female</i>				
2016	*****	4,746,945	0.25	1,035,572.8
2017	288	5,168,819	0.56	4,159,183.2
2018	353	5,149,914	0.69	4,152,040.1
2019	428	5,050,316	0.85	3,984,499.4
2020	375	4,855,340	0.77	3,347,151.9
2021	*****	91,300	0.66	14,148.0
<i>Aged 40-49, Male</i>				
2016	*****	4,582,527	0.24	1,000,429.9
2017	327	5,019,110	0.65	4,024,696.3
2018	420	5,007,294	0.84	4,024,405.3
2019	459	4,898,904	0.94	3,852,138.9
2020	432	4,735,867	0.91	3,271,979.1
2021	*****	83,898	0.48	13,011.8
<i>Aged 50-59, Female</i>				
2016	140	5,699,189	0.25	1,261,180.7
2017	371	6,079,777	0.61	5,002,445.4
2018	397	6,000,534	0.66	4,931,661.7
2019	490	5,796,195	0.85	4,678,588.4
2020	492	5,594,184	0.88	3,960,765.4
2021	11	170,704	0.64	26,520.9

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 50-59, Male</i>				
2016	186	5,447,018	0.34	1,208,037.1
2017	479	5,851,306	0.82	4,801,407.1
2018	514	5,783,847	0.89	4,745,017.0
2019	639	5,588,874	1.14	4,499,938.7
2020	563	5,401,507	1.04	3,835,102.6
2021	11	158,202	0.70	24,584.1
<i>Aged 60-69, Female</i>				
2016	199	8,028,118	0.25	1,815,008.0
2017	461	8,844,690	0.52	7,088,117.9
2018	561	8,879,336	0.63	7,130,998.7
2019	649	8,846,793	0.73	7,050,707.9
2020	608	9,057,921	0.67	6,648,978.6
2021	12	533,933	0.22	83,222.6
<i>Aged 60-69, Male</i>				
2016	308	7,229,844	0.43	1,634,282.4
2017	718	8,012,535	0.90	6,404,227.1
2018	808	8,048,455	1.00	6,454,372.0
2019	931	8,028,253	1.16	6,390,144.9
2020	991	8,217,774	1.21	6,011,356.0
2021	22	465,916	0.47	72,610.7
<i>Aged 70+, Female</i>				
2016	237	13,891,604	0.17	3,364,892.1
2017	611	14,464,831	0.42	13,314,300.9
2018	738	14,656,903	0.50	13,483,247.6
2019	877	14,819,536	0.59	13,589,284.0
2020	894	15,331,831	0.58	13,445,317.3
2021	26	1,174,042	0.22	186,786.0
<i>Aged 70+, Male</i>				
2016	418	10,379,546	0.40	2,503,701.7
2017	972	10,946,989	0.89	9,985,004.5
2018	1,179	11,193,118	1.05	10,211,213.7
2019	1,339	11,400,096	1.17	10,376,738.1
2020	1,373	11,886,664	1.16	10,338,587.2
2021	33	933,262	0.35	148,357.8
<b><i>Focal Segmental Glomerulosclerosis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code from the Expanded Codelist, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19, Female</i>				
2016	*****	6,253,724	0.15	1,372,448.1
2017	211	6,635,384	0.32	5,527,202.5
2018	200	6,612,813	0.30	5,516,257.3
2019	231	6,513,567	0.35	5,332,422.5
2020	195	6,046,924	0.32	4,228,595.3
2021	*****	67,790	0.15	10,616.3

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 0-19, Male</i>				
2016	115	6,544,268	0.18	1,436,077.0
2017	238	6,942,746	0.34	5,782,725.0
2018	239	6,917,181	0.35	5,770,064.1
2019	248	6,811,891	0.36	5,577,530.6
2020	206	6,326,617	0.33	4,425,280.5
2021	0	71,621	0.00	11,222.4
<i>Aged 20-29, Female</i>				
2016	162	3,810,404	0.43	799,708.0
2017	395	4,408,065	0.90	3,234,130.3
2018	375	4,475,073	0.84	3,283,954.2
2019	373	4,388,725	0.85	3,175,716.3
2020	328	4,260,750	0.77	2,635,586.6
2021	0	46,663	0.00	7,161.7
<i>Aged 20-29, Male</i>				
2016	****	3,836,790	0.47	807,719.5
2017	445	4,448,913	1.00	3,275,552.7
2018	465	4,489,742	1.04	3,311,466.4
2019	489	4,424,756	1.11	3,214,154.7
2020	452	4,357,938	1.04	2,733,329.5
2021	****	44,199	0.68	6,791.9
<i>Aged 30-39, Female</i>				
2016	****	4,290,132	0.71	917,051.6
2017	675	4,824,646	1.40	3,736,871.5
2018	729	4,874,876	1.50	3,784,520.1
2019	737	4,842,847	1.52	3,677,192.1
2020	692	4,660,607	1.48	3,080,340.8
2021	****	67,278	0.59	10,418.1
<i>Aged 30-39, Male</i>				
2016	****	4,127,387	0.62	882,805.6
2017	680	4,687,987	1.45	3,610,032.7
2018	783	4,741,049	1.65	3,663,870.1
2019	842	4,704,844	1.79	3,555,605.1
2020	744	4,606,058	1.62	3,059,589.5
2021	****	63,918	0.31	9,906.7
<i>Aged 40-49, Female</i>				
2016	****	4,746,945	0.67	1,035,572.8
2017	834	5,168,819	1.61	4,159,183.2
2018	884	5,149,914	1.72	4,152,040.1
2019	970	5,050,316	1.92	3,984,499.4
2020	837	4,855,340	1.72	3,347,151.9
2021	****	91,300	0.99	14,148.0
<i>Aged 40-49, Male</i>				
2016	****	4,582,527	0.75	1,000,429.9
2017	911	5,019,110	1.82	4,024,696.3
2018	1,025	5,007,294	2.05	4,024,405.3
2019	1,097	4,898,904	2.24	3,852,138.9
2020	1,001	4,735,867	2.11	3,271,979.1
2021	****	83,898	0.95	13,011.8

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

<b>Age Group (Years)</b>	<b>Patients Meeting Disease Definition</b>	<b>Eligible Members<sup>1</sup></b>	<b>Patients Meeting Disease Definition per 10,000 Eligible Members</b>	<b>Eligible Member Years<sup>1</sup></b>
<i>Aged 50-59, Female</i>				
2016	352	5,699,189	0.62	1,261,180.7
2017	881	6,079,777	1.45	5,002,445.4
2018	951	6,000,534	1.58	4,931,661.7
2019	1,091	5,796,195	1.88	4,678,588.4
2020	1,045	5,594,184	1.87	3,960,765.4
2021	22	170,704	1.29	26,520.9
<i>Aged 50-59, Male</i>				
2016	500	5,447,018	0.92	1,208,037.1
2017	1,184	5,851,306	2.02	4,801,407.1
2018	1,316	5,783,847	2.28	4,745,017.0
2019	1,444	5,588,874	2.58	4,499,938.7
2020	1,296	5,401,507	2.40	3,835,102.6
2021	19	158,202	1.20	24,584.1
<i>Aged 60-69, Female</i>				
2016	500	8,028,118	0.62	1,815,008.0
2017	1,162	8,844,690	1.31	7,088,117.9
2018	1,286	8,879,336	1.45	7,130,998.7
2019	1,449	8,846,793	1.64	7,050,707.9
2020	1,396	9,057,921	1.54	6,648,978.6
2021	35	533,933	0.66	83,222.6
<i>Aged 60-69, Male</i>				
2016	751	7,229,844	1.04	1,634,282.4
2017	1,749	8,012,535	2.18	6,404,227.1
2018	1,931	8,048,455	2.40	6,454,372.0
2019	2,080	8,028,253	2.59	6,390,144.9
2020	2,010	8,217,774	2.45	6,011,356.0
2021	37	465,916	0.79	72,610.7
<i>Aged 70+, Female</i>				
2016	584	13,891,604	0.42	3,364,892.1
2017	1,391	14,464,831	0.96	13,314,300.9
2018	1,592	14,656,903	1.09	13,483,247.6
2019	1,842	14,819,536	1.24	13,589,284.0
2020	1,841	15,331,831	1.20	13,445,317.3
2021	53	1,174,042	0.45	186,786.0
<i>Aged 70+, Male</i>				
2016	930	10,379,546	0.90	2,503,701.7
2017	2,262	10,946,989	2.07	9,985,004.5
2018	2,490	11,193,118	2.22	10,211,213.7
2019	2,728	11,400,096	2.39	10,376,738.1
2020	2,711	11,886,664	2.28	10,338,587.2
2021	70	933,262	0.75	148,357.8

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b><i>Membranous Nephropathy Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code from the Original Codelist, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19, Female</i>				
2016	13	7,015,097	0.02	1,664,951.7
2017	18	8,193,734	0.02	6,457,753.3
2018	15	8,067,644	0.02	6,378,024.0
2019	13	8,100,432	0.02	6,242,738.1
2020	11	6,929,486	0.02	4,902,165.3
2021	0	78,072	0.00	12,235.5
<i>Aged 0-19, Male</i>				
2016	*****	7,343,920	0.01	1,742,728.8
2017	26	8,564,352	0.03	6,753,114.4
2018	21	8,433,100	0.02	6,670,345.7
2019	15	8,467,328	0.02	6,528,096.9
2020	*****	7,248,299	0.01	5,128,007.4
2021	0	82,742	0.00	12,965.1
<i>Aged 20-29, Female</i>				
2016	*****	4,448,421	0.07	1,015,191.8
2017	69	5,776,468	0.12	3,992,474.9
2018	56	5,729,152	0.10	3,976,193.7
2019	48	5,744,915	0.08	3,898,427.9
2020	33	5,062,931	0.07	3,211,256.4
2021	*****	56,475	0.18	8,660.5
<i>Aged 20-29, Male</i>				
2016	28	4,473,863	0.06	1,022,575.3
2017	45	5,799,204	0.08	4,017,187.8
2018	37	5,758,349	0.06	3,997,096.0
2019	26	5,773,041	0.05	3,928,433.5
2020	29	5,158,928	0.06	3,286,275.0
2021	0	53,589	0.00	8,238.7
<i>Aged 30-39, Female</i>				
2016	38	4,864,576	0.08	1,128,951.0
2017	112	6,016,731	0.19	4,409,458.8
2018	102	5,982,280	0.17	4,401,167.5
2019	88	6,040,023	0.15	4,326,055.5
2020	73	5,359,121	0.14	3,598,304.0
2021	0	78,423	0.00	12,146.5
<i>Aged 30-39, Male</i>				
2016	49	4,723,104	0.10	1,093,285.5
2017	85	5,887,066	0.14	4,280,155.1
2018	82	5,870,861	0.14	4,282,258.9
2019	73	5,911,029	0.12	4,199,990.0
2020	66	5,316,574	0.12	3,560,770.1
2021	0	75,246	0.00	11,661.3



**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 40-49, Female</i>				
2016	*****	5,218,028	0.11	1,225,524.1
2017	140	6,197,945	0.23	4,735,110.4
2018	127	6,060,161	0.21	4,653,640.9
2019	147	6,053,353	0.24	4,520,683.7
2020	116	5,409,100	0.21	3,758,810.0
2021	*****	104,819	0.10	16,257.5
<i>Aged 40-49, Male</i>				
2016	*****	5,062,763	0.14	1,187,224.3
2017	164	6,037,651	0.27	4,593,441.9
2018	153	5,922,231	0.26	4,523,799.8
2019	163	5,895,383	0.28	4,381,678.4
2020	139	5,288,451	0.26	3,668,644.6
2021	*****	96,630	0.10	15,009.1
<i>Aged 50-59, Female</i>				
2016	*****	6,177,304	0.13	1,461,626.6
2017	179	7,144,101	0.25	5,599,994.4
2018	195	6,893,769	0.28	5,430,373.1
2019	177	6,824,729	0.26	5,223,109.7
2020	153	6,144,002	0.25	4,373,191.7
2021	*****	194,732	0.15	30,312.5
<i>Aged 50-59, Male</i>				
2016	*****	5,918,212	0.25	1,398,965.0
2017	323	6,873,439	0.47	5,377,503.6
2018	326	6,663,426	0.49	5,231,714.6
2019	306	6,588,757	0.46	5,030,720.8
2020	265	5,939,225	0.45	4,228,285.2
2021	*****	179,387	0.33	27,937.9
<i>Aged 60-69, Female</i>				
2016	158	8,827,837	0.18	2,073,400.1
2017	338	10,242,930	0.33	7,987,214.8
2018	335	10,184,886	0.33	7,983,406.0
2019	365	10,363,371	0.35	7,989,635.9
2020	320	10,021,337	0.32	7,522,245.7
2021	13	604,376	0.22	94,393.5
<i>Aged 60-69, Male</i>				
2016	*****	7,968,182	0.32	1,866,822.4
2017	574	9,291,513	0.62	7,217,467.0
2018	577	9,265,925	0.62	7,229,768.6
2019	615	9,428,334	0.65	7,240,744.4
2020	573	9,129,581	0.63	6,801,835.2
2021	*****	527,550	0.17	82,397.5
<i>Aged 70+, Female</i>				
2016	211	14,053,787	0.15	3,460,738.0
2017	470	14,987,806	0.31	13,608,119.5
2018	536	15,217,295	0.35	13,777,275.8
2019	505	15,548,411	0.32	13,970,070.3
2020	505	15,597,635	0.32	13,836,827.3
2021	17	1,212,423	0.14	193,014.7

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 70+, Male</i>				
2016	352	10,515,865	0.33	2,580,907.1
2017	737	11,379,251	0.65	10,225,983.5
2018	794	11,653,515	0.68	10,452,033.1
2019	824	11,988,649	0.69	10,684,072.5
2020	781	12,109,016	0.64	10,652,014.3
2021	24	963,351	0.25	153,230.0
<b><i>Membranous Nephropathy Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code from the Expanded Codelist, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19, Female</i>				
2016	57	7,015,097	0.08	1,664,951.7
2017	114	8,193,734	0.14	6,457,753.3
2018	105	8,067,644	0.13	6,378,024.0
2019	95	8,100,432	0.12	6,242,738.1
2020	56	6,929,486	0.08	4,902,165.3
2021	0	78,072	0.00	12,235.5
<i>Aged 0-19, Male</i>				
2016	40	7,343,920	0.05	1,742,728.8
2017	96	8,564,352	0.11	6,753,114.4
2018	87	8,433,100	0.10	6,670,345.7
2019	78	8,467,328	0.09	6,528,096.9
2020	49	7,248,299	0.07	5,128,007.4
2021	0	82,742	0.00	12,965.1
<i>Aged 20-29, Female</i>				
2016	*****	4,448,421	0.28	1,015,191.8
2017	249	5,776,468	0.43	3,992,474.9
2018	225	5,729,152	0.39	3,976,193.7
2019	220	5,744,915	0.38	3,898,427.9
2020	151	5,062,931	0.30	3,211,256.4
2021	*****	56,475	0.35	8,660.5
<i>Aged 20-29, Male</i>				
2016	*****	4,473,863	0.23	1,022,575.3
2017	163	5,799,204	0.28	4,017,187.8
2018	190	5,758,349	0.33	3,997,096.0
2019	152	5,773,041	0.26	3,928,433.5
2020	104	5,158,928	0.20	3,286,275.0
2021	*****	53,589	0.19	8,238.7
<i>Aged 30-39, Female</i>				
2016	*****	4,864,576	0.43	1,128,951.0
2017	469	6,016,731	0.78	4,409,458.8
2018	427	5,982,280	0.71	4,401,167.5
2019	404	6,040,023	0.67	4,326,055.5
2020	338	5,359,121	0.63	3,598,304.0
2021	*****	78,423	0.38	12,146.5

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 30-39, Male</i>				
2016	*****	4,723,104	0.43	1,093,285.5
2017	382	5,887,066	0.65	4,280,155.1
2018	349	5,870,861	0.59	4,282,258.9
2019	348	5,911,029	0.59	4,199,990.0
2020	268	5,316,574	0.50	3,560,770.1
2021	*****	75,246	0.27	11,661.3
<i>Aged 40-49, Female</i>				
2016	*****	5,218,028	0.57	1,225,524.1
2017	620	6,197,945	1.00	4,735,110.4
2018	597	6,060,161	0.99	4,653,640.9
2019	576	6,053,353	0.95	4,520,683.7
2020	472	5,409,100	0.87	3,758,810.0
2021	*****	104,819	0.57	16,257.5
<i>Aged 40-49, Male</i>				
2016	*****	5,062,763	0.71	1,187,224.3
2017	678	6,037,651	1.12	4,593,441.9
2018	701	5,922,231	1.18	4,523,799.8
2019	692	5,895,383	1.17	4,381,678.4
2020	549	5,288,451	1.04	3,668,644.6
2021	*****	96,630	0.21	15,009.1
<i>Aged 50-59, Female</i>				
2016	*****	6,177,304	0.69	1,461,626.6
2017	806	7,144,101	1.13	5,599,994.4
2018	816	6,893,769	1.18	5,430,373.1
2019	760	6,824,729	1.11	5,223,109.7
2020	611	6,144,002	0.99	4,373,191.7
2021	*****	194,732	0.41	30,312.5
<i>Aged 50-59, Male</i>				
2016	618	5,918,212	1.04	1,398,965.0
2017	1,196	6,873,439	1.74	5,377,503.6
2018	1,174	6,663,426	1.76	5,231,714.6
2019	1,146	6,588,757	1.74	5,030,720.8
2020	979	5,939,225	1.65	4,228,285.2
2021	16	179,387	0.89	27,937.9
<i>Aged 60-69, Female</i>				
2016	707	8,827,837	0.80	2,073,400.1
2017	1,379	10,242,930	1.35	7,987,214.8
2018	1,410	10,184,886	1.38	7,983,406.0
2019	1,445	10,363,371	1.39	7,989,635.9
2020	1,221	10,021,337	1.22	7,522,245.7
2021	50	604,376	0.83	94,393.5
<i>Aged 60-69, Male</i>				
2016	1,080	7,968,182	1.36	1,866,822.4
2017	2,135	9,291,513	2.30	7,217,467.0
2018	2,128	9,265,925	2.30	7,229,768.6
2019	2,160	9,428,334	2.29	7,240,744.4
2020	1,971	9,129,581	2.16	6,801,835.2
2021	46	527,550	0.87	82,397.5

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 70+, Female</i>				
2016	952	14,053,787	0.68	3,460,738.0
2017	1,917	14,987,806	1.28	13,608,119.5
2018	2,072	15,217,295	1.36	13,777,275.8
2019	2,133	15,548,411	1.37	13,970,070.3
2020	1,965	15,597,635	1.26	13,836,827.3
2021	70	1,212,423	0.58	193,014.7
<i>Aged 70+, Male</i>				
2016	1,401	10,515,865	1.33	2,580,907.1
2017	2,748	11,379,251	2.41	10,225,983.5
2018	2,940	11,653,515	2.52	10,452,033.1
2019	3,038	11,988,649	2.53	10,684,072.5
2020	2,806	12,109,016	2.32	10,652,014.3
2021	81	963,351	0.84	153,230.0
<b>Membranous Nephropathy Defined as the Presence of One Diagnosis Code from the Original Codelist, No Pre-Diagnosis Enrollment Required</b>				
<i>Aged 0-19, Female</i>				
2016	14	7,881,735	0.02	1,896,664.8
2017	39	9,388,723	0.04	7,575,731.3
2018	26	9,304,687	0.03	7,446,984.5
2019	23	9,381,315	0.02	7,363,722.8
2020	22	7,872,896	0.03	5,730,625.8
2021	0	93,719	0.00	14,669.5
<i>Aged 0-19, Male</i>				
2016	15	8,241,663	0.02	1,983,023.9
2017	45	9,808,592	0.05	7,918,175.2
2018	35	9,718,182	0.04	7,784,643.9
2019	31	9,796,178	0.03	7,697,832.3
2020	20	8,238,578	0.02	5,995,272.7
2021	0	99,160	0.00	15,520.9
<i>Aged 20-29, Female</i>				
2016	*****	5,251,887	0.09	1,224,903.4
2017	115	6,943,464	0.17	4,955,464.5
2018	99	6,934,043	0.14	4,887,156.4
2019	83	7,016,408	0.12	4,851,791.7
2020	62	5,999,100	0.10	3,928,897.0
2021	*****	73,630	0.14	11,306.9
<i>Aged 20-29, Male</i>				
2016	35	5,279,080	0.07	1,229,430.0
2017	69	6,990,492	0.10	4,969,958.8
2018	57	6,989,116	0.08	4,913,514.5
2019	48	7,032,741	0.07	4,871,142.5
2020	51	6,104,787	0.08	3,989,552.2
2021	0	70,621	0.00	10,824.2
<i>Aged 30-39, Female</i>				
2016	*****	5,469,544	0.11	1,290,801.0
2017	165	6,870,236	0.24	5,200,990.6
2018	158	6,870,228	0.23	5,155,824.5
2019	140	6,974,927	0.20	5,118,407.8
2020	124	6,095,628	0.20	4,222,093.1
2021	*****	98,527	0.10	15,203.3

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 30-39, Male</i>				
2016	*****	5,360,973	0.11	1,259,385.7
2017	137	6,806,714	0.20	5,086,481.1
2018	119	6,811,412	0.17	5,053,981.2
2019	124	6,879,708	0.18	4,999,980.3
2020	109	6,079,753	0.18	4,177,548.6
2021	*****	95,033	0.11	14,669.8
<i>Aged 40-49, Female</i>				
2016	*****	5,685,291	0.15	1,352,337.3
2017	224	6,857,512	0.33	5,394,932.8
2018	196	6,742,121	0.29	5,256,371.8
2019	229	6,771,478	0.34	5,164,068.2
2020	192	5,988,418	0.32	4,263,563.2
2021	*****	131,315	0.15	20,265.0
<i>Aged 40-49, Male</i>				
2016	*****	5,547,864	0.17	1,315,710.8
2017	253	6,725,292	0.38	5,253,724.0
2018	231	6,623,558	0.35	5,131,530.1
2019	239	6,614,436	0.36	5,020,359.8
2020	210	5,865,417	0.36	4,159,913.3
2021	*****	120,688	0.25	18,640.9
<i>Aged 50-59, Female</i>				
2016	*****	6,614,127	0.18	1,583,867.0
2017	296	7,749,631	0.38	6,267,574.2
2018	296	7,510,494	0.39	6,011,503.5
2019	281	7,495,999	0.37	5,871,223.5
2020	254	6,722,401	0.38	4,888,266.8
2021	*****	246,845	0.16	38,137.5
<i>Aged 50-59, Male</i>				
2016	203	6,357,780	0.32	1,519,902.4
2017	*****	7,478,626	0.63	6,024,303.6
2018	461	7,273,281	0.63	5,804,287.3
2019	439	7,228,560	0.61	5,657,859.7
2020	391	6,490,956	0.60	4,720,554.7
2021	*****	226,759	0.31	35,066.7
<i>Aged 60-69, Female</i>				
2016	223	9,542,281	0.23	2,283,014.4
2017	540	11,205,299	0.48	8,977,177.6
2018	533	11,207,454	0.48	8,943,181.7
2019	561	11,507,012	0.49	9,072,162.5
2020	519	11,168,954	0.46	8,550,311.2
2021	21	832,064	0.25	129,078.6
<i>Aged 60-69, Male</i>				
2016	360	8,617,224	0.42	2,059,732.4
2017	869	10,172,846	0.85	8,115,639.7
2018	859	10,203,161	0.84	8,110,879.0
2019	918	10,473,465	0.88	8,227,835.7
2020	852	10,182,642	0.84	7,746,622.4
2021	20	721,129	0.28	111,882.1

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 70+, Female</i>				
2016	307	14,179,933	0.22	3,499,404.5
2017	737	15,184,065	0.49	13,907,334.9
2018	762	15,453,319	0.49	14,102,224.1
2019	753	15,827,748	0.48	14,382,928.3
2020	821	15,956,336	0.51	14,285,044.7
2021	28	1,460,498	0.19	230,560.6
<i>Aged 70+, Male</i>				
2016	473	10,616,618	0.45	2,613,255.9
2017	1,078	11,536,536	0.93	10,469,190.6
2018	1,126	11,845,021	0.95	10,714,988.7
2019	1,168	12,213,525	0.96	11,013,814.2
2020	1,150	12,398,577	0.93	11,009,960.0
2021	33	1,147,825	0.29	181,256.3
<b>Membranous Nephropathy Defined as the Presence of One Diagnosis Code from the Expanded Codelist, No Pre-Diagnosis Enrollment</b>				
<i>Aged 0-19, Female</i>				
2016	88	7,881,735	0.11	1,896,664.8
2017	181	9,388,723	0.19	7,575,731.3
2018	155	9,304,687	0.17	7,446,984.5
2019	140	9,381,315	0.15	7,363,722.8
2020	95	7,872,896	0.12	5,730,625.8
2021	0	93,719	0.00	14,669.5
<i>Aged 0-19, Male</i>				
2016	63	8,241,663	0.08	1,983,023.9
2017	165	9,808,592	0.17	7,918,175.2
2018	158	9,718,182	0.16	7,784,643.9
2019	133	9,796,178	0.14	7,697,832.3
2020	88	8,238,578	0.11	5,995,272.7
2021	0	99,160	0.00	15,520.9
<i>Aged 20-29, Female</i>				
2016	****	5,251,887	0.36	1,224,903.4
2017	423	6,943,464	0.61	4,955,464.5
2018	400	6,934,043	0.58	4,887,156.4
2019	370	7,016,408	0.53	4,851,791.7
2020	269	5,999,100	0.45	3,928,897.0
2021	****	73,630	0.27	11,306.9
<i>Aged 20-29, Male</i>				
2016	****	5,279,080	0.28	1,229,430.0
2017	300	6,990,492	0.43	4,969,958.8
2018	300	6,989,116	0.43	4,913,514.5
2019	279	7,032,741	0.40	4,871,142.5
2020	171	6,104,787	0.28	3,989,552.2
2021	****	70,621	0.14	10,824.2

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 30-39, Female</i>				
2016	*****	5,469,544	0.62	1,290,801.0
2017	716	6,870,236	1.04	5,200,990.6
2018	685	6,870,228	1.00	5,155,824.5
2019	673	6,974,927	0.96	5,118,407.8
2020	533	6,095,628	0.87	4,222,093.1
2021	*****	98,527	0.61	15,203.3
<i>Aged 30-39, Male</i>				
2016	*****	5,360,973	0.51	1,259,385.7
2017	604	6,806,714	0.89	5,086,481.1
2018	564	6,811,412	0.83	5,053,981.2
2019	523	6,879,708	0.76	4,999,980.3
2020	406	6,079,753	0.67	4,177,548.6
2021	*****	95,033	0.32	14,669.8
<i>Aged 40-49, Female</i>				
2016	453	5,685,291	0.80	1,352,337.3
2017	1,000	6,857,512	1.46	5,394,932.8
2018	949	6,742,121	1.41	5,256,371.8
2019	910	6,771,478	1.34	5,164,068.2
2020	732	5,988,418	1.22	4,263,563.2
2021	12	131,315	0.91	20,265.0
<i>Aged 40-49, Male</i>				
2016	*****	5,547,864	0.90	1,315,710.8
2017	1,032	6,725,292	1.53	5,253,724.0
2018	1,008	6,623,558	1.52	5,131,530.1
2019	1,017	6,614,436	1.54	5,020,359.8
2020	823	5,865,417	1.40	4,159,913.3
2021	*****	120,688	0.50	18,640.9
<i>Aged 50-59, Female</i>				
2016	604	6,614,127	0.91	1,583,867.0
2017	1,313	7,749,631	1.69	6,267,574.2
2018	1,257	7,510,494	1.67	6,011,503.5
2019	1,217	7,495,999	1.62	5,871,223.5
2020	960	6,722,401	1.43	4,888,266.8
2021	18	246,845	0.73	38,137.5
<i>Aged 50-59, Male</i>				
2016	834	6,357,780	1.31	1,519,902.4
2017	1,779	7,478,626	2.38	6,024,303.6
2018	1,733	7,273,281	2.38	5,804,287.3
2019	1,656	7,228,560	2.29	5,657,859.7
2020	1,407	6,490,956	2.17	4,720,554.7
2021	25	226,759	1.10	35,066.7
<i>Aged 60-69, Female</i>				
2016	985	9,542,281	1.03	2,283,014.4
2017	2,147	11,205,299	1.92	8,977,177.6
2018	2,115	11,207,454	1.89	8,943,181.7
2019	2,188	11,507,012	1.90	9,072,162.5
2020	1,914	11,168,954	1.71	8,550,311.2
2021	83	832,064	1.00	129,078.6

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 60-69, Male</i>				
2016	1,510	8,617,224	1.75	2,059,732.4
2017	3,126	10,172,846	3.07	8,115,639.7
2018	3,105	10,203,161	3.04	8,110,879.0
2019	3,142	10,473,465	3.00	8,227,835.7
2020	2,855	10,182,642	2.80	7,746,622.4
2021	76	721,129	1.05	111,882.1
<i>Aged 70+, Female</i>				
2016	1,288	14,179,933	0.91	3,499,404.5
2017	2,843	15,184,065	1.87	13,907,334.9
2018	3,001	15,453,319	1.94	14,102,224.1
2019	3,076	15,827,748	1.94	14,382,928.3
2020	2,902	15,956,336	1.82	14,285,044.7
2021	99	1,460,498	0.68	230,560.6
<i>Aged 70+, Male</i>				
2016	1,827	10,616,618	1.72	2,613,255.9
2017	3,843	11,536,536	3.33	10,469,190.6
2018	4,052	11,845,021	3.42	10,714,988.7
2019	4,226	12,213,525	3.46	11,013,814.2
2020	3,924	12,398,577	3.16	11,009,960.0
2021	115	1,147,825	1.00	181,256.3
<b>Membranous Nephropathy Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code from the Original Codelist, 365 Days of Pre-Diagnosis Enrollment Required</b>				
<i>Aged 0-19, Female</i>				
2016	*****	6,253,724	0.02	1,372,448.1
2017	19	6,635,384	0.03	5,527,202.5
2018	14	6,612,813	0.02	5,516,257.3
2019	13	6,513,567	0.02	5,332,422.5
2020	*****	6,046,924	0.01	4,228,595.3
2021	0	67,790	0.00	10,616.3
<i>Aged 0-19, Male</i>				
2016	*****	6,544,268	0.02	1,436,077.0
2017	21	6,942,746	0.03	5,782,725.0
2018	23	6,917,181	0.03	5,770,064.1
2019	13	6,811,891	0.02	5,577,530.6
2020	*****	6,326,617	0.01	4,425,280.5
2021	0	71,621	0.00	11,222.4
<i>Aged 20-29, Female</i>				
2016	*****	3,810,404	0.07	799,708.0
2017	66	4,408,065	0.15	3,234,130.3
2018	47	4,475,073	0.11	3,283,954.2
2019	41	4,388,725	0.09	3,175,716.3
2020	28	4,260,750	0.07	2,635,586.6
2021	*****	46,663	0.21	7,161.7



**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 20-29, Male</i>				
2016	24	3,836,790	0.06	807,719.5
2017	41	4,448,913	0.09	3,275,552.7
2018	26	4,489,742	0.06	3,311,466.4
2019	23	4,424,756	0.05	3,214,154.7
2020	25	4,357,938	0.06	2,733,329.5
2021	0	44,199	0.00	6,791.9
<i>Aged 30-39, Female</i>				
2016	*****	4,290,132	0.09	917,051.6
2017	102	4,824,646	0.21	3,736,871.5
2018	103	4,874,876	0.21	3,784,520.1
2019	89	4,842,847	0.18	3,677,192.1
2020	72	4,660,607	0.15	3,080,340.8
2021	*****	67,278	0.15	10,418.1
<i>Aged 30-39, Male</i>				
2016	41	4,127,387	0.10	882,805.6
2017	78	4,687,987	0.17	3,610,032.7
2018	73	4,741,049	0.15	3,663,870.1
2019	76	4,704,844	0.16	3,555,605.1
2020	62	4,606,058	0.13	3,059,589.5
2021	0	63,918	0.00	9,906.7
<i>Aged 40-49, Female</i>				
2016	*****	4,746,945	0.11	1,035,572.8
2017	135	5,168,819	0.26	4,159,183.2
2018	130	5,149,914	0.25	4,152,040.1
2019	148	5,050,316	0.29	3,984,499.4
2020	122	4,855,340	0.25	3,347,151.9
2021	*****	91,300	0.11	14,148.0
<i>Aged 40-49, Male</i>				
2016	60	4,582,527	0.13	1,000,429.9
2017	153	5,019,110	0.30	4,024,696.3
2018	149	5,007,294	0.30	4,024,405.3
2019	160	4,898,904	0.33	3,852,138.9
2020	135	4,735,867	0.29	3,271,979.1
2021	0	83,898	0.00	13,011.8
<i>Aged 50-59, Female</i>				
2016	*****	5,699,189	0.14	1,261,180.7
2017	171	6,079,777	0.28	5,002,445.4
2018	194	6,000,534	0.32	4,931,661.7
2019	178	5,796,195	0.31	4,678,588.4
2020	149	5,594,184	0.27	3,960,765.4
2021	*****	170,704	0.12	26,520.9
<i>Aged 50-59, Male</i>				
2016	*****	5,447,018	0.26	1,208,037.1
2017	313	5,851,306	0.53	4,801,407.1
2018	321	5,783,847	0.55	4,745,017.0
2019	293	5,588,874	0.52	4,499,938.7
2020	253	5,401,507	0.47	3,835,102.6
2021	*****	158,202	0.38	24,584.1

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 60-69, Female</i>				
2016	149	8,028,118	0.19	1,815,008.0
2017	340	8,844,690	0.38	7,088,117.9
2018	338	8,879,336	0.38	7,130,998.7
2019	350	8,846,793	0.40	7,050,707.9
2020	317	9,057,921	0.35	6,648,978.6
2021	13	533,933	0.24	83,222.6
<i>Aged 60-69, Male</i>				
2016	*****	7,229,844	0.33	1,634,282.4
2017	560	8,012,535	0.70	6,404,227.1
2018	559	8,048,455	0.69	6,454,372.0
2019	603	8,028,253	0.75	6,390,144.9
2020	578	8,217,774	0.70	6,011,356.0
2021	*****	465,916	0.19	72,610.7
<i>Aged 70+, Female</i>				
2016	229	13,891,604	0.16	3,364,892.1
2017	512	14,464,831	0.35	13,314,300.9
2018	573	14,656,903	0.39	13,483,247.6
2019	542	14,819,536	0.37	13,589,284.0
2020	546	15,331,831	0.36	13,445,317.3
2021	19	1,174,042	0.16	186,786.0
<i>Aged 70+, Male</i>				
2016	386	10,379,546	0.37	2,503,701.7
2017	781	10,946,989	0.71	9,985,004.5
2018	854	11,193,118	0.76	10,211,213.7
2019	887	11,400,096	0.78	10,376,738.1
2020	827	11,886,664	0.70	10,338,587.2
2021	26	933,262	0.28	148,357.8
<b>Membranous Nephropathy Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code from the Expanded Codelist, 365 Days of Pre-Diagnosis Enrollment Required</b>				
<i>Aged 0-19, Female</i>				
2016	58	6,253,724	0.09	1,372,448.1
2017	105	6,635,384	0.16	5,527,202.5
2018	99	6,612,813	0.15	5,516,257.3
2019	90	6,513,567	0.14	5,332,422.5
2020	58	6,046,924	0.10	4,228,595.3
2021	0	67,790	0.00	10,616.3
<i>Aged 0-19, Male</i>				
2016	42	6,544,268	0.06	1,436,077.0
2017	96	6,942,746	0.14	5,782,725.0
2018	90	6,917,181	0.13	5,770,064.1
2019	67	6,811,891	0.10	5,577,530.6
2020	47	6,326,617	0.07	4,425,280.5
2021	0	71,621	0.00	11,222.4

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 20-29, Female</i>				
2016	*****	3,810,404	0.32	799,708.0
2017	229	4,408,065	0.52	3,234,130.3
2018	208	4,475,073	0.46	3,283,954.2
2019	197	4,388,725	0.45	3,175,716.3
2020	146	4,260,750	0.34	2,635,586.6
2021	*****	46,663	0.43	7,161.7
<i>Aged 20-29, Male</i>				
2016	*****	3,836,790	0.24	807,719.5
2017	160	4,448,913	0.36	3,275,552.7
2018	165	4,489,742	0.37	3,311,466.4
2019	141	4,424,756	0.32	3,214,154.7
2020	96	4,357,938	0.22	2,733,329.5
2021	*****	44,199	0.23	6,791.9
<i>Aged 30-39, Female</i>				
2016	*****	4,290,132	0.52	917,051.6
2017	454	4,824,646	0.94	3,736,871.5
2018	421	4,874,876	0.86	3,784,520.1
2019	406	4,842,847	0.84	3,677,192.1
2020	335	4,660,607	0.72	3,080,340.8
2021	*****	67,278	0.30	10,418.1
<i>Aged 30-39, Male</i>				
2016	*****	4,127,387	0.47	882,805.6
2017	369	4,687,987	0.79	3,610,032.7
2018	339	4,741,049	0.72	3,663,870.1
2019	338	4,704,844	0.72	3,555,605.1
2020	252	4,606,058	0.55	3,059,589.5
2021	*****	63,918	0.31	9,906.7
<i>Aged 40-49, Female</i>				
2016	*****	4,746,945	0.63	1,035,572.8
2017	638	5,168,819	1.23	4,159,183.2
2018	606	5,149,914	1.18	4,152,040.1
2019	590	5,050,316	1.17	3,984,499.4
2020	487	4,855,340	1.00	3,347,151.9
2021	*****	91,300	0.66	14,148.0
<i>Aged 40-49, Male</i>				
2016	*****	4,582,527	0.77	1,000,429.9
2017	669	5,019,110	1.33	4,024,696.3
2018	653	5,007,294	1.30	4,024,405.3
2019	685	4,898,904	1.40	3,852,138.9
2020	537	4,735,867	1.13	3,271,979.1
2021	*****	83,898	0.12	13,011.8
<i>Aged 50-59, Female</i>				
2016	*****	5,699,189	0.73	1,261,180.7
2017	813	6,079,777	1.34	5,002,445.4
2018	838	6,000,534	1.40	4,931,661.7
2019	805	5,796,195	1.39	4,678,588.4
2020	621	5,594,184	1.11	3,960,765.4
2021	*****	170,704	0.53	26,520.9

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 50-59, Male</i>				
2016	593	5,447,018	1.09	1,208,037.1
2017	1,186	5,851,306	2.03	4,801,407.1
2018	1,159	5,783,847	2.00	4,745,017.0
2019	1,150	5,588,874	2.06	4,499,938.7
2020	971	5,401,507	1.80	3,835,102.6
2021	18	158,202	1.14	24,584.1
<i>Aged 60-69, Female</i>				
2016	709	8,028,118	0.88	1,815,008.0
2017	1,420	8,844,690	1.61	7,088,117.9
2018	1,393	8,879,336	1.57	7,130,998.7
2019	1,442	8,846,793	1.63	7,050,707.9
2020	1,244	9,057,921	1.37	6,648,978.6
2021	49	533,933	0.92	83,222.6
<i>Aged 60-69, Male</i>				
2016	1,075	7,229,844	1.49	1,634,282.4
2017	2,126	8,012,535	2.65	6,404,227.1
2018	2,121	8,048,455	2.64	6,454,372.0
2019	2,145	8,028,253	2.67	6,390,144.9
2020	1,963	8,217,774	2.39	6,011,356.0
2021	47	465,916	1.01	72,610.7
<i>Aged 70+, Female</i>				
2016	1,035	13,891,604	0.75	3,364,892.1
2017	2,103	14,464,831	1.45	13,314,300.9
2018	2,238	14,656,903	1.53	13,483,247.6
2019	2,279	14,819,536	1.54	13,589,284.0
2020	2,133	15,331,831	1.39	13,445,317.3
2021	75	1,174,042	0.64	186,786.0
<i>Aged 70+, Male</i>				
2016	1,545	10,379,546	1.49	2,503,701.7
2017	2,961	10,946,989	2.70	9,985,004.5
2018	3,180	11,193,118	2.84	10,211,213.7
2019	3,248	11,400,096	2.85	10,376,738.1
2020	3,010	11,886,664	2.53	10,338,587.2
2021	89	933,262	0.95	148,357.8

**Minimal Change Disease Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code from the Original Codelist, 183 Days of Pre-Diagnosis Enrollment Required**

<i>Aged 0-19, Female</i>				
2016	61	7,015,097	0.09	1,664,951.7
2017	148	8,193,734	0.18	6,457,753.3
2018	143	8,067,644	0.18	6,378,024.0
2019	125	8,100,432	0.15	6,242,738.1
2020	88	6,929,486	0.13	4,902,165.3
2021	0	78,072	0.00	12,235.5

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 0-19, Male</i>				
2016	*****	7,343,920	0.19	1,742,728.8
2017	225	8,564,352	0.26	6,753,114.4
2018	237	8,433,100	0.28	6,670,345.7
2019	224	8,467,328	0.26	6,528,096.9
2020	159	7,248,299	0.22	5,128,007.4
2021	*****	82,742	0.12	12,965.1
<i>Aged 20-29, Female</i>				
2016	42	4,448,421	0.09	1,015,191.8
2017	110	5,776,468	0.19	3,992,474.9
2018	125	5,729,152	0.22	3,976,193.7
2019	118	5,744,915	0.21	3,898,427.9
2020	78	5,062,931	0.15	3,211,256.4
2021	0	56,475	0.00	8,660.5
<i>Aged 20-29, Male</i>				
2016	*****	4,473,863	0.13	1,022,575.3
2017	122	5,799,204	0.21	4,017,187.8
2018	136	5,758,349	0.24	3,997,096.0
2019	113	5,773,041	0.20	3,928,433.5
2020	71	5,158,928	0.14	3,286,275.0
2021	*****	53,589	0.19	8,238.7
<i>Aged 30-39, Female</i>				
2016	*****	4,864,576	0.12	1,128,951.0
2017	166	6,016,731	0.28	4,409,458.8
2018	185	5,982,280	0.31	4,401,167.5
2019	165	6,040,023	0.27	4,326,055.5
2020	105	5,359,121	0.20	3,598,304.0
2021	*****	78,423	0.26	12,146.5
<i>Aged 30-39, Male</i>				
2016	*****	4,723,104	0.11	1,093,285.5
2017	146	5,887,066	0.25	4,280,155.1
2018	176	5,870,861	0.30	4,282,258.9
2019	159	5,911,029	0.27	4,199,990.0
2020	93	5,316,574	0.17	3,560,770.1
2021	*****	75,246	0.13	11,661.3
<i>Aged 40-49, Female</i>				
2016	81	5,218,028	0.16	1,225,524.1
2017	196	6,197,945	0.32	4,735,110.4
2018	235	6,060,161	0.39	4,653,640.9
2019	205	6,053,353	0.34	4,520,683.7
2020	139	5,409,100	0.26	3,758,810.0
2021	0	104,819	0.00	16,257.5
<i>Aged 40-49, Male</i>				
2016	*****	5,062,763	0.18	1,187,224.3
2017	174	6,037,651	0.29	4,593,441.9
2018	231	5,922,231	0.39	4,523,799.8
2019	192	5,895,383	0.33	4,381,678.4
2020	129	5,288,451	0.24	3,668,644.6
2021	*****	96,630	0.21	15,009.1

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 50-59, Female</i>				
2016	*****	6,177,304	0.17	1,461,626.6
2017	268	7,144,101	0.38	5,599,994.4
2018	306	6,893,769	0.44	5,430,373.1
2019	298	6,824,729	0.44	5,223,109.7
2020	198	6,144,002	0.32	4,373,191.7
2021	*****	194,732	0.21	30,312.5
<i>Aged 50-59, Male</i>				
2016	*****	5,918,212	0.17	1,398,965.0
2017	296	6,873,439	0.43	5,377,503.6
2018	349	6,663,426	0.52	5,231,714.6
2019	341	6,588,757	0.52	5,030,720.8
2020	266	5,939,225	0.45	4,228,285.2
2021	*****	179,387	0.28	27,937.9
<i>Aged 60-69, Female</i>				
2016	185	8,827,837	0.21	2,073,400.1
2017	494	10,242,930	0.48	7,987,214.8
2018	613	10,184,886	0.60	7,983,406.0
2019	620	10,363,371	0.60	7,989,635.9
2020	466	10,021,337	0.47	7,522,245.7
2021	14	604,376	0.23	94,393.5
<i>Aged 60-69, Male</i>				
2016	*****	7,968,182	0.25	1,866,822.4
2017	568	9,291,513	0.61	7,217,467.0
2018	727	9,265,925	0.78	7,229,768.6
2019	743	9,428,334	0.79	7,240,744.4
2020	586	9,129,581	0.64	6,801,835.2
2021	*****	527,550	0.17	82,397.5
<i>Aged 70+, Female</i>				
2016	310	14,053,787	0.22	3,460,738.0
2017	934	14,987,806	0.62	13,608,119.5
2018	1,231	15,217,295	0.81	13,777,275.8
2019	1,295	15,548,411	0.83	13,970,070.3
2020	1,092	15,597,635	0.70	13,836,827.3
2021	17	1,212,423	0.14	193,014.7
<i>Aged 70+, Male</i>				
2016	367	10,515,865	0.35	2,580,907.1
2017	1,089	11,379,251	0.96	10,225,983.5
2018	1,495	11,653,515	1.28	10,452,033.1
2019	1,616	11,988,649	1.35	10,684,072.5
2020	1,341	12,109,016	1.11	10,652,014.3
2021	26	963,351	0.27	153,230.0

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Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b><i>Minimal Change Disease Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code from the Expanded Codelist, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19, Female</i>				
2016	*****	7,015,097	0.10	1,664,951.7
2017	167	8,193,734	0.20	6,457,753.3
2018	175	8,067,644	0.22	6,378,024.0
2019	155	8,100,432	0.19	6,242,738.1
2020	110	6,929,486	0.16	4,902,165.3
2021	*****	78,072	0.13	12,235.5
<i>Aged 0-19, Male</i>				
2016	*****	7,343,920	0.20	1,742,728.8
2017	259	8,564,352	0.30	6,753,114.4
2018	267	8,433,100	0.32	6,670,345.7
2019	274	8,467,328	0.32	6,528,096.9
2020	205	7,248,299	0.28	5,128,007.4
2021	*****	82,742	0.12	12,965.1
<i>Aged 20-29, Female</i>				
2016	57	4,448,421	0.13	1,015,191.8
2017	151	5,776,468	0.26	3,992,474.9
2018	170	5,729,152	0.30	3,976,193.7
2019	166	5,744,915	0.29	3,898,427.9
2020	144	5,062,931	0.28	3,211,256.4
2021	0	56,475	0.00	8,660.5
<i>Aged 20-29, Male</i>				
2016	*****	4,473,863	0.17	1,022,575.3
2017	163	5,799,204	0.28	4,017,187.8
2018	182	5,758,349	0.32	3,997,096.0
2019	176	5,773,041	0.30	3,928,433.5
2020	154	5,158,928	0.30	3,286,275.0
2021	*****	53,589	0.19	8,238.7
<i>Aged 30-39, Female</i>				
2016	*****	4,864,576	0.19	1,128,951.0
2017	216	6,016,731	0.36	4,409,458.8
2018	254	5,982,280	0.42	4,401,167.5
2019	237	6,040,023	0.39	4,326,055.5
2020	208	5,359,121	0.39	3,598,304.0
2021	*****	78,423	0.26	12,146.5
<i>Aged 30-39, Male</i>				
2016	*****	4,723,104	0.16	1,093,285.5
2017	189	5,887,066	0.32	4,280,155.1
2018	235	5,870,861	0.40	4,282,258.9
2019	223	5,911,029	0.38	4,199,990.0
2020	181	5,316,574	0.34	3,560,770.1
2021	*****	75,246	0.27	11,661.3

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 40-49, Female</i>				
2016	*****	5,218,028	0.22	1,225,524.1
2017	274	6,197,945	0.44	4,735,110.4
2018	335	6,060,161	0.55	4,653,640.9
2019	320	6,053,353	0.53	4,520,683.7
2020	249	5,409,100	0.46	3,758,810.0
2021	*****	104,819	0.19	16,257.5
<i>Aged 40-49, Male</i>				
2016	*****	5,062,763	0.24	1,187,224.3
2017	241	6,037,651	0.40	4,593,441.9
2018	309	5,922,231	0.52	4,523,799.8
2019	308	5,895,383	0.52	4,381,678.4
2020	245	5,288,451	0.46	3,668,644.6
2021	*****	96,630	0.31	15,009.1
<i>Aged 50-59, Female</i>				
2016	*****	6,177,304	0.26	1,461,626.6
2017	366	7,144,101	0.51	5,599,994.4
2018	432	6,893,769	0.63	5,430,373.1
2019	418	6,824,729	0.61	5,223,109.7
2020	340	6,144,002	0.55	4,373,191.7
2021	*****	194,732	0.36	30,312.5
<i>Aged 50-59, Male</i>				
2016	155	5,918,212	0.26	1,398,965.0
2017	407	6,873,439	0.59	5,377,503.6
2018	495	6,663,426	0.74	5,231,714.6
2019	489	6,588,757	0.74	5,030,720.8
2020	425	5,939,225	0.72	4,228,285.2
2021	11	179,387	0.61	27,937.9
<i>Aged 60-69, Female</i>				
2016	275	8,827,837	0.31	2,073,400.1
2017	673	10,242,930	0.66	7,987,214.8
2018	828	10,184,886	0.81	7,983,406.0
2019	879	10,363,371	0.85	7,989,635.9
2020	772	10,021,337	0.77	7,522,245.7
2021	20	604,376	0.33	94,393.5
<i>Aged 60-69, Male</i>				
2016	288	7,968,182	0.36	1,866,822.4
2017	782	9,291,513	0.84	7,217,467.0
2018	980	9,265,925	1.06	7,229,768.6
2019	1,030	9,428,334	1.09	7,240,744.4
2020	970	9,129,581	1.06	6,801,835.2
2021	17	527,550	0.32	82,397.5
<i>Aged 70+, Female</i>				
2016	445	14,053,787	0.32	3,460,738.0
2017	1,305	14,987,806	0.87	13,608,119.5
2018	1,659	15,217,295	1.09	13,777,275.8
2019	1,799	15,548,411	1.16	13,970,070.3
2020	1,674	15,597,635	1.07	13,836,827.3
2021	32	1,212,423	0.26	193,014.7



**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 70+, Male</i>				
2016	528	10,515,865	0.50	2,580,907.1
2017	1,495	11,379,251	1.31	10,225,983.5
2018	2,047	11,653,515	1.76	10,452,033.1
2019	2,213	11,988,649	1.85	10,684,072.5
2020	2,069	12,109,016	1.71	10,652,014.3
2021	44	963,351	0.46	153,230.0
<b><i>Minimal Change Disease Defined as the Presence of One Diagnosis Code from the Original Codelist, No Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19, Female</i>				
2016	*****	7,881,735	0.13	1,896,664.8
2017	253	9,388,723	0.27	7,575,731.3
2018	280	9,304,687	0.30	7,446,984.5
2019	256	9,381,315	0.27	7,363,722.8
2020	171	7,872,896	0.22	5,730,625.8
2021	*****	93,719	0.11	14,669.5
<i>Aged 0-19, Male</i>				
2016	*****	8,241,663	0.23	1,983,023.9
2017	414	9,808,592	0.42	7,918,175.2
2018	434	9,718,182	0.45	7,784,643.9
2019	395	9,796,178	0.40	7,697,832.3
2020	271	8,238,578	0.33	5,995,272.7
2021	*****	99,160	0.20	15,520.9
<i>Aged 20-29, Female</i>				
2016	67	5,251,887	0.13	1,224,903.4
2017	217	6,943,464	0.31	4,955,464.5
2018	228	6,934,043	0.33	4,887,156.4
2019	223	7,016,408	0.32	4,851,791.7
2020	158	5,999,100	0.26	3,928,897.0
2021	0	73,630	0.00	11,306.9
<i>Aged 20-29, Male</i>				
2016	*****	5,279,080	0.17	1,229,430.0
2017	205	6,990,492	0.29	4,969,958.8
2018	238	6,989,116	0.34	4,913,514.5
2019	243	7,032,741	0.35	4,871,142.5
2020	157	6,104,787	0.26	3,989,552.2
2021	*****	70,621	0.14	10,824.2
<i>Aged 30-39, Female</i>				
2016	*****	5,469,544	0.18	1,290,801.0
2017	305	6,870,236	0.44	5,200,990.6
2018	339	6,870,228	0.49	5,155,824.5
2019	302	6,974,927	0.43	5,118,407.8
2020	223	6,095,628	0.37	4,222,093.1
2021	*****	98,527	0.61	15,203.3

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 30-39, Male</i>				
2016	*****	5,360,973	0.16	1,259,385.7
2017	279	6,806,714	0.41	5,086,481.1
2018	319	6,811,412	0.47	5,053,981.2
2019	269	6,879,708	0.39	4,999,980.3
2020	188	6,079,753	0.31	4,177,548.6
2021	*****	95,033	0.21	14,669.8
<i>Aged 40-49, Female</i>				
2016	*****	5,685,291	0.19	1,352,337.3
2017	379	6,857,512	0.55	5,394,932.8
2018	455	6,742,121	0.67	5,256,371.8
2019	398	6,771,478	0.59	5,164,068.2
2020	296	5,988,418	0.49	4,263,563.2
2021	*****	131,315	0.30	20,265.0
<i>Aged 40-49, Male</i>				
2016	*****	5,547,864	0.25	1,315,710.8
2017	336	6,725,292	0.50	5,253,724.0
2018	419	6,623,558	0.63	5,131,530.1
2019	368	6,614,436	0.56	5,020,359.8
2020	250	5,865,417	0.43	4,159,913.3
2021	*****	120,688	0.17	18,640.9
<i>Aged 50-59, Female</i>				
2016	*****	6,614,127	0.25	1,583,867.0
2017	509	7,749,631	0.66	6,267,574.2
2018	595	7,510,494	0.79	6,011,503.5
2019	573	7,495,999	0.76	5,871,223.5
2020	394	6,722,401	0.59	4,888,266.8
2021	*****	246,845	0.24	38,137.5
<i>Aged 50-59, Male</i>				
2016	*****	6,357,780	0.25	1,519,902.4
2017	628	7,478,626	0.84	6,024,303.6
2018	670	7,273,281	0.92	5,804,287.3
2019	649	7,228,560	0.90	5,657,859.7
2020	489	6,490,956	0.75	4,720,554.7
2021	*****	226,759	0.31	35,066.7
<i>Aged 60-69, Female</i>				
2016	287	9,542,281	0.30	2,283,014.4
2017	949	11,205,299	0.85	8,977,177.6
2018	1,151	11,207,454	1.03	8,943,181.7
2019	1,174	11,507,012	1.02	9,072,162.5
2020	900	11,168,954	0.81	8,550,311.2
2021	23	832,064	0.28	129,078.6
<i>Aged 60-69, Male</i>				
2016	318	8,617,224	0.37	2,059,732.4
2017	1,213	10,172,846	1.19	8,115,639.7
2018	1,432	10,203,161	1.40	8,110,879.0
2019	1,430	10,473,465	1.37	8,227,835.7
2020	1,196	10,182,642	1.17	7,746,622.4
2021	19	721,129	0.26	111,882.1

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 70+, Female</i>				
2016	481	14,179,933	0.34	3,499,404.5
2017	1,815	15,184,065	1.20	13,907,334.9
2018	2,240	15,453,319	1.45	14,102,224.1
2019	2,314	15,827,748	1.46	14,382,928.3
2020	1,999	15,956,336	1.25	14,285,044.7
2021	39	1,460,498	0.27	230,560.6
<i>Aged 70+, Male</i>				
2016	560	10,616,618	0.53	2,613,255.9
2017	2,194	11,536,536	1.90	10,469,190.6
2018	2,803	11,845,021	2.37	10,714,988.7
2019	2,806	12,213,525	2.30	11,013,814.2
2020	2,425	12,398,577	1.96	11,009,960.0
2021	46	1,147,825	0.40	181,256.3
<b><i>Minimal Change Disease Defined as the Presence of One Diagnosis Code from the Expanded Codelist, No Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19, Female</i>				
2016	*****	7,881,735	0.15	1,896,664.8
2017	311	9,388,723	0.33	7,575,731.3
2018	357	9,304,687	0.38	7,446,984.5
2019	331	9,381,315	0.35	7,363,722.8
2020	232	7,872,896	0.29	5,730,625.8
2021	*****	93,719	0.32	14,669.5
<i>Aged 0-19, Male</i>				
2016	*****	8,241,663	0.26	1,983,023.9
2017	486	9,808,592	0.50	7,918,175.2
2018	505	9,718,182	0.52	7,784,643.9
2019	496	9,796,178	0.51	7,697,832.3
2020	366	8,238,578	0.44	5,995,272.7
2021	*****	99,160	0.20	15,520.9
<i>Aged 20-29, Female</i>				
2016	107	5,251,887	0.20	1,224,903.4
2017	332	6,943,464	0.48	4,955,464.5
2018	337	6,934,043	0.49	4,887,156.4
2019	336	7,016,408	0.48	4,851,791.7
2020	276	5,999,100	0.46	3,928,897.0
2021	0	73,630	0.00	11,306.9
<i>Aged 20-29, Male</i>				
2016	*****	5,279,080	0.23	1,229,430.0
2017	283	6,990,492	0.40	4,969,958.8
2018	340	6,989,116	0.49	4,913,514.5
2019	349	7,032,741	0.50	4,871,142.5
2020	287	6,104,787	0.47	3,989,552.2
2021	*****	70,621	0.14	10,824.2

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 30-39, Female</i>				
2016	*****	5,469,544	0.31	1,290,801.0
2017	492	6,870,236	0.72	5,200,990.6
2018	523	6,870,228	0.76	5,155,824.5
2019	510	6,974,927	0.73	5,118,407.8
2020	430	6,095,628	0.71	4,222,093.1
2021	*****	98,527	0.81	15,203.3
<i>Aged 30-39, Male</i>				
2016	*****	5,360,973	0.25	1,259,385.7
2017	419	6,806,714	0.62	5,086,481.1
2018	453	6,811,412	0.67	5,053,981.2
2019	427	6,879,708	0.62	4,999,980.3
2020	346	6,079,753	0.57	4,177,548.6
2021	*****	95,033	0.42	14,669.8
<i>Aged 40-49, Female</i>				
2016	*****	5,685,291	0.31	1,352,337.3
2017	621	6,857,512	0.91	5,394,932.8
2018	725	6,742,121	1.08	5,256,371.8
2019	682	6,771,478	1.01	5,164,068.2
2020	552	5,988,418	0.92	4,263,563.2
2021	*****	131,315	0.53	20,265.0
<i>Aged 40-49, Male</i>				
2016	*****	5,547,864	0.36	1,315,710.8
2017	522	6,725,292	0.78	5,253,724.0
2018	611	6,623,558	0.92	5,131,530.1
2019	607	6,614,436	0.92	5,020,359.8
2020	476	5,865,417	0.81	4,159,913.3
2021	*****	120,688	0.41	18,640.9
<i>Aged 50-59, Female</i>				
2016	276	6,614,127	0.42	1,583,867.0
2017	831	7,749,631	1.07	6,267,574.2
2018	952	7,510,494	1.27	6,011,503.5
2019	940	7,495,999	1.25	5,871,223.5
2020	731	6,722,401	1.09	4,888,266.8
2021	14	246,845	0.57	38,137.5
<i>Aged 50-59, Male</i>				
2016	273	6,357,780	0.43	1,519,902.4
2017	918	7,478,626	1.23	6,024,303.6
2018	1,008	7,273,281	1.39	5,804,287.3
2019	1,023	7,228,560	1.42	5,657,859.7
2020	793	6,490,956	1.22	4,720,554.7
2021	15	226,759	0.66	35,066.7
<i>Aged 60-69, Female</i>				
2016	471	9,542,281	0.49	2,283,014.4
2017	1,482	11,205,299	1.32	8,977,177.6
2018	1,818	11,207,454	1.62	8,943,181.7
2019	1,908	11,507,012	1.66	9,072,162.5
2020	1,653	11,168,954	1.48	8,550,311.2
2021	39	832,064	0.47	129,078.6

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 60-69, Male</i>				
2016	510	8,617,224	0.59	2,059,732.4
2017	1,784	10,172,846	1.75	8,115,639.7
2018	2,133	10,203,161	2.09	8,110,879.0
2019	2,166	10,473,465	2.07	8,227,835.7
2020	1,958	10,182,642	1.92	7,746,622.4
2021	39	721,129	0.54	111,882.1
<i>Aged 70+, Female</i>				
2016	834	14,179,933	0.59	3,499,404.5
2017	2,872	15,184,065	1.89	13,907,334.9
2018	3,486	15,453,319	2.26	14,102,224.1
2019	3,682	15,827,748	2.33	14,382,928.3
2020	3,308	15,956,336	2.07	14,285,044.7
2021	69	1,460,498	0.47	230,560.6
<i>Aged 70+, Male</i>				
2016	917	10,616,618	0.86	2,613,255.9
2017	3,320	11,536,536	2.88	10,469,190.6
2018	4,312	11,845,021	3.64	10,714,988.7
2019	4,377	12,213,525	3.58	11,013,814.2
2020	4,000	12,398,577	3.23	11,009,960.0
2021	79	1,147,825	0.69	181,256.3
<b><i>Minimal Change Disease Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code from the Original Codelist, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19, Female</i>				
2016	59	6,253,724	0.09	1,372,448.1
2017	151	6,635,384	0.23	5,527,202.5
2018	145	6,612,813	0.22	5,516,257.3
2019	128	6,513,567	0.20	5,332,422.5
2020	80	6,046,924	0.13	4,228,595.3
2021	0	67,790	0.00	10,616.3
<i>Aged 0-19, Male</i>				
2016	*****	6,544,268	0.19	1,436,077.0
2017	233	6,942,746	0.34	5,782,725.0
2018	243	6,917,181	0.35	5,770,064.1
2019	208	6,811,891	0.31	5,577,530.6
2020	170	6,326,617	0.27	4,425,280.5
2021	*****	71,621	0.14	11,222.4
<i>Aged 20-29, Female</i>				
2016	38	3,810,404	0.10	799,708.0
2017	100	4,408,065	0.23	3,234,130.3
2018	118	4,475,073	0.26	3,283,954.2
2019	113	4,388,725	0.26	3,175,716.3
2020	82	4,260,750	0.19	2,635,586.6
2021	0	46,663	0.00	7,161.7

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 20-29, Male</i>				
2016	50	3,836,790	0.13	807,719.5
2017	107	4,448,913	0.24	3,275,552.7
2018	126	4,489,742	0.28	3,311,466.4
2019	117	4,424,756	0.26	3,214,154.7
2020	72	4,357,938	0.17	2,733,329.5
2021	0	44,199	0.00	6,791.9
<i>Aged 30-39, Female</i>				
2016	*****	4,290,132	0.12	917,051.6
2017	158	4,824,646	0.33	3,736,871.5
2018	173	4,874,876	0.35	3,784,520.1
2019	167	4,842,847	0.34	3,677,192.1
2020	109	4,660,607	0.23	3,080,340.8
2021	*****	67,278	0.45	10,418.1
<i>Aged 30-39, Male</i>				
2016	*****	4,127,387	0.11	882,805.6
2017	145	4,687,987	0.31	3,610,032.7
2018	166	4,741,049	0.35	3,663,870.1
2019	153	4,704,844	0.33	3,555,605.1
2020	101	4,606,058	0.22	3,059,589.5
2021	*****	63,918	0.16	9,906.7
<i>Aged 40-49, Female</i>				
2016	*****	4,746,945	0.17	1,035,572.8
2017	196	5,168,819	0.38	4,159,183.2
2018	240	5,149,914	0.47	4,152,040.1
2019	223	5,050,316	0.44	3,984,499.4
2020	160	4,855,340	0.33	3,347,151.9
2021	*****	91,300	0.11	14,148.0
<i>Aged 40-49, Male</i>				
2016	*****	4,582,527	0.19	1,000,429.9
2017	173	5,019,110	0.34	4,024,696.3
2018	222	5,007,294	0.44	4,024,405.3
2019	204	4,898,904	0.42	3,852,138.9
2020	142	4,735,867	0.30	3,271,979.1
2021	*****	83,898	0.24	13,011.8
<i>Aged 50-59, Female</i>				
2016	*****	5,699,189	0.19	1,261,180.7
2017	261	6,079,777	0.43	5,002,445.4
2018	306	6,000,534	0.51	4,931,661.7
2019	313	5,796,195	0.54	4,678,588.4
2020	212	5,594,184	0.38	3,960,765.4
2021	*****	170,704	0.29	26,520.9
<i>Aged 50-59, Male</i>				
2016	*****	5,447,018	0.19	1,208,037.1
2017	299	5,851,306	0.51	4,801,407.1
2018	358	5,783,847	0.62	4,745,017.0
2019	348	5,588,874	0.62	4,499,938.7
2020	270	5,401,507	0.50	3,835,102.6
2021	*****	158,202	0.32	24,584.1

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 60-69, Female</i>				
2016	188	8,028,118	0.23	1,815,008.0
2017	489	8,844,690	0.55	7,088,117.9
2018	624	8,879,336	0.70	7,130,998.7
2019	640	8,846,793	0.72	7,050,707.9
2020	482	9,057,921	0.53	6,648,978.6
2021	11	533,933	0.21	83,222.6
<i>Aged 60-69, Male</i>				
2016	*****	7,229,844	0.26	1,634,282.4
2017	539	8,012,535	0.67	6,404,227.1
2018	730	8,048,455	0.91	6,454,372.0
2019	757	8,028,253	0.94	6,390,144.9
2020	621	8,217,774	0.76	6,011,356.0
2021	*****	465,916	0.19	72,610.7
<i>Aged 70+, Female</i>				
2016	348	13,891,604	0.25	3,364,892.1
2017	1,018	14,464,831	0.70	13,314,300.9
2018	1,371	14,656,903	0.94	13,483,247.6
2019	1,455	14,819,536	0.98	13,589,284.0
2020	1,281	15,331,831	0.84	13,445,317.3
2021	18	1,174,042	0.15	186,786.0
<i>Aged 70+, Male</i>				
2016	418	10,379,546	0.40	2,503,701.7
2017	1,171	10,946,989	1.07	9,985,004.5
2018	1,639	11,193,118	1.46	10,211,213.7
2019	1,818	11,400,096	1.59	10,376,738.1
2020	1,526	11,886,664	1.28	10,338,587.2
2021	28	933,262	0.30	148,357.8
<b><i>Minimal Change Disease Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code from the Expanded Codelist, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19, Female</i>				
2016	*****	6,253,724	0.10	1,372,448.1
2017	169	6,635,384	0.25	5,527,202.5
2018	175	6,612,813	0.26	5,516,257.3
2019	155	6,513,567	0.24	5,332,422.5
2020	105	6,046,924	0.17	4,228,595.3
2021	*****	67,790	0.15	10,616.3
<i>Aged 0-19, Male</i>				
2016	*****	6,544,268	0.21	1,436,077.0
2017	266	6,942,746	0.38	5,782,725.0
2018	272	6,917,181	0.39	5,770,064.1
2019	254	6,811,891	0.37	5,577,530.6
2020	221	6,326,617	0.35	4,425,280.5
2021	*****	71,621	0.14	11,222.4

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 20-29, Female</i>				
2016	49	3,810,404	0.13	799,708.0
2017	138	4,408,065	0.31	3,234,130.3
2018	154	4,475,073	0.34	3,283,954.2
2019	153	4,388,725	0.35	3,175,716.3
2020	134	4,260,750	0.31	2,635,586.6
2021	0	46,663	0.00	7,161.7
<i>Aged 20-29, Male</i>				
2016	67	3,836,790	0.17	807,719.5
2017	139	4,448,913	0.31	3,275,552.7
2018	165	4,489,742	0.37	3,311,466.4
2019	167	4,424,756	0.38	3,214,154.7
2020	147	4,357,938	0.34	2,733,329.5
2021	0	44,199	0.00	6,791.9
<i>Aged 30-39, Female</i>				
2016	*****	4,290,132	0.17	917,051.6
2017	210	4,824,646	0.44	3,736,871.5
2018	234	4,874,876	0.48	3,784,520.1
2019	228	4,842,847	0.47	3,677,192.1
2020	193	4,660,607	0.41	3,080,340.8
2021	*****	67,278	0.45	10,418.1
<i>Aged 30-39, Male</i>				
2016	*****	4,127,387	0.16	882,805.6
2017	184	4,687,987	0.39	3,610,032.7
2018	223	4,741,049	0.47	3,663,870.1
2019	218	4,704,844	0.46	3,555,605.1
2020	176	4,606,058	0.38	3,059,589.5
2021	*****	63,918	0.31	9,906.7
<i>Aged 40-49, Female</i>				
2016	*****	4,746,945	0.25	1,035,572.8
2017	271	5,168,819	0.52	4,159,183.2
2018	340	5,149,914	0.66	4,152,040.1
2019	333	5,050,316	0.66	3,984,499.4
2020	265	4,855,340	0.55	3,347,151.9
2021	*****	91,300	0.22	14,148.0
<i>Aged 40-49, Male</i>				
2016	*****	4,582,527	0.24	1,000,429.9
2017	235	5,019,110	0.47	4,024,696.3
2018	306	5,007,294	0.61	4,024,405.3
2019	320	4,898,904	0.65	3,852,138.9
2020	266	4,735,867	0.56	3,271,979.1
2021	*****	83,898	0.36	13,011.8
<i>Aged 50-59, Female</i>				
2016	*****	5,699,189	0.28	1,261,180.7
2017	365	6,079,777	0.60	5,002,445.4
2018	440	6,000,534	0.73	4,931,661.7
2019	439	5,796,195	0.76	4,678,588.4
2020	350	5,594,184	0.63	3,960,765.4
2021	*****	170,704	0.47	26,520.9



**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 50-59, Male</i>				
2016	*****	5,447,018	0.29	1,208,037.1
2017	414	5,851,306	0.71	4,801,407.1
2018	513	5,783,847	0.89	4,745,017.0
2019	502	5,588,874	0.90	4,499,938.7
2020	433	5,401,507	0.80	3,835,102.6
2021	*****	158,202	0.63	24,584.1
<i>Aged 60-69, Female</i>				
2016	274	8,028,118	0.34	1,815,008.0
2017	658	8,844,690	0.74	7,088,117.9
2018	838	8,879,336	0.94	7,130,998.7
2019	916	8,846,793	1.04	7,050,707.9
2020	805	9,057,921	0.89	6,648,978.6
2021	19	533,933	0.36	83,222.6
<i>Aged 60-69, Male</i>				
2016	272	7,229,844	0.38	1,634,282.4
2017	750	8,012,535	0.94	6,404,227.1
2018	988	8,048,455	1.23	6,454,372.0
2019	1,049	8,028,253	1.31	6,390,144.9
2020	993	8,217,774	1.21	6,011,356.0
2021	15	465,916	0.32	72,610.7
<i>Aged 70+, Female</i>				
2016	496	13,891,604	0.36	3,364,892.1
2017	1,427	14,464,831	0.99	13,314,300.9
2018	1,836	14,656,903	1.25	13,483,247.6
2019	1,990	14,819,536	1.34	13,589,284.0
2020	1,912	15,331,831	1.25	13,445,317.3
2021	35	1,174,042	0.30	186,786.0
<i>Aged 70+, Male</i>				
2016	589	10,379,546	0.57	2,503,701.7
2017	1,595	10,946,989	1.46	9,985,004.5
2018	2,226	11,193,118	1.99	10,211,213.7
2019	2,455	11,400,096	2.15	10,376,738.1
2020	2,295	11,886,664	1.93	10,338,587.2
2021	49	933,262	0.53	148,357.8
<b>Membranoproliferative Glomerulonephritis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code, 183</b>				
<b>Days of Pre-Diagnosis Enrollment Required</b>				
<i>Aged 0-19, Female</i>				
2016	48	7,015,097	0.07	1,664,951.7
2017	72	8,193,734	0.09	6,457,753.3
2018	81	8,067,644	0.10	6,378,024.0
2019	68	8,100,432	0.08	6,242,738.1
2020	37	6,929,486	0.05	4,902,165.3
2021	0	78,072	0.00	12,235.5

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 0-19, Male</i>				
2016	31	7,343,920	0.04	1,742,728.8
2017	67	8,564,352	0.08	6,753,114.4
2018	74	8,433,100	0.09	6,670,345.7
2019	55	8,467,328	0.06	6,528,096.9
2020	37	7,248,299	0.05	5,128,007.4
2021	0	82,742	0.00	12,965.1
<i>Aged 20-29, Female</i>				
2016	52	4,448,421	0.12	1,015,191.8
2017	95	5,776,468	0.16	3,992,474.9
2018	78	5,729,152	0.14	3,976,193.7
2019	99	5,744,915	0.17	3,898,427.9
2020	60	5,062,931	0.12	3,211,256.4
2021	0	56,475	0.00	8,660.5
<i>Aged 20-29, Male</i>				
2016	49	4,473,863	0.11	1,022,575.3
2017	90	5,799,204	0.16	4,017,187.8
2018	77	5,758,349	0.13	3,997,096.0
2019	66	5,773,041	0.11	3,928,433.5
2020	55	5,158,928	0.11	3,286,275.0
2021	0	53,589	0.00	8,238.7
<i>Aged 30-39, Female</i>				
2016	46	4,864,576	0.09	1,128,951.0
2017	118	6,016,731	0.20	4,409,458.8
2018	105	5,982,280	0.18	4,401,167.5
2019	106	6,040,023	0.18	4,326,055.5
2020	79	5,359,121	0.15	3,598,304.0
2021	0	78,423	0.00	12,146.5
<i>Aged 30-39, Male</i>				
2016	*****	4,723,104	0.09	1,093,285.5
2017	89	5,887,066	0.15	4,280,155.1
2018	82	5,870,861	0.14	4,282,258.9
2019	86	5,911,029	0.15	4,199,990.0
2020	75	5,316,574	0.14	3,560,770.1
2021	*****	75,246	0.13	11,661.3
<i>Aged 40-49, Female</i>				
2016	*****	5,218,028	0.13	1,225,524.1
2017	126	6,197,945	0.20	4,735,110.4
2018	120	6,060,161	0.20	4,653,640.9
2019	110	6,053,353	0.18	4,520,683.7
2020	93	5,409,100	0.17	3,758,810.0
2021	*****	104,819	0.10	16,257.5
<i>Aged 40-49, Male</i>				
2016	*****	5,062,763	0.12	1,187,224.3
2017	122	6,037,651	0.20	4,593,441.9
2018	118	5,922,231	0.20	4,523,799.8
2019	119	5,895,383	0.20	4,381,678.4
2020	88	5,288,451	0.17	3,668,644.6
2021	*****	96,630	0.21	15,009.1

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 50-59, Female</i>				
2016	81	6,177,304	0.13	1,461,626.6
2017	172	7,144,101	0.24	5,599,994.4
2018	164	6,893,769	0.24	5,430,373.1
2019	144	6,824,729	0.21	5,223,109.7
2020	127	6,144,002	0.21	4,373,191.7
2021	0	194,732	0.00	30,312.5
<i>Aged 50-59, Male</i>				
2016	*****	5,918,212	0.17	1,398,965.0
2017	200	6,873,439	0.29	5,377,503.6
2018	197	6,663,426	0.30	5,231,714.6
2019	188	6,588,757	0.29	5,030,720.8
2020	147	5,939,225	0.25	4,228,285.2
2021	*****	179,387	0.11	27,937.9
<i>Aged 60-69, Female</i>				
2016	*****	8,827,837	0.18	2,073,400.1
2017	315	10,242,930	0.31	7,987,214.8
2018	295	10,184,886	0.29	7,983,406.0
2019	273	10,363,371	0.26	7,989,635.9
2020	237	10,021,337	0.24	7,522,245.7
2021	*****	604,376	0.17	94,393.5
<i>Aged 60-69, Male</i>				
2016	*****	7,968,182	0.22	1,866,822.4
2017	366	9,291,513	0.39	7,217,467.0
2018	388	9,265,925	0.42	7,229,768.6
2019	344	9,428,334	0.36	7,240,744.4
2020	300	9,129,581	0.33	6,801,835.2
2021	*****	527,550	0.09	82,397.5
<i>Aged 70+, Female</i>				
2016	*****	14,053,787	0.13	3,460,738.0
2017	408	14,987,806	0.27	13,608,119.5
2018	418	15,217,295	0.27	13,777,275.8
2019	416	15,548,411	0.27	13,970,070.3
2020	394	15,597,635	0.25	13,836,827.3
2021	*****	1,212,423	0.08	193,014.7
<i>Aged 70+, Male</i>				
2016	*****	10,515,865	0.18	2,580,907.1
2017	431	11,379,251	0.38	10,225,983.5
2018	462	11,653,515	0.40	10,452,033.1
2019	468	11,988,649	0.39	10,684,072.5
2020	405	12,109,016	0.33	10,652,014.3
2021	*****	963,351	0.08	153,230.0

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b><i>Membranoproliferative Glomerulonephritis Defined as the Presence of One Diagnosis Code, No Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19, Female</i>				
2016	61	7,881,735	0.08	1,896,664.8
2017	121	9,388,723	0.13	7,575,731.3
2018	105	9,304,687	0.11	7,446,984.5
2019	99	9,381,315	0.11	7,363,722.8
2020	64	7,872,896	0.08	5,730,625.8
2021	0	93,719	0.00	14,669.5
<i>Aged 0-19, Male</i>				
2016	43	8,241,663	0.05	1,983,023.9
2017	113	9,808,592	0.12	7,918,175.2
2018	117	9,718,182	0.12	7,784,643.9
2019	103	9,796,178	0.11	7,697,832.3
2020	62	8,238,578	0.08	5,995,272.7
2021	0	99,160	0.00	15,520.9
<i>Aged 20-29, Female</i>				
2016	70	5,251,887	0.13	1,224,903.4
2017	152	6,943,464	0.22	4,955,464.5
2018	145	6,934,043	0.21	4,887,156.4
2019	158	7,016,408	0.23	4,851,791.7
2020	111	5,999,100	0.19	3,928,897.0
2021	0	73,630	0.00	11,306.9
<i>Aged 20-29, Male</i>				
2016	74	5,279,080	0.14	1,229,430.0
2017	149	6,990,492	0.21	4,969,958.8
2018	143	6,989,116	0.20	4,913,514.5
2019	104	7,032,741	0.15	4,871,142.5
2020	101	6,104,787	0.17	3,989,552.2
2021	0	70,621	0.00	10,824.2
<i>Aged 30-39, Female</i>				
2016	*****	5,469,544	0.15	1,290,801.0
2017	199	6,870,236	0.29	5,200,990.6
2018	201	6,870,228	0.29	5,155,824.5
2019	188	6,974,927	0.27	5,118,407.8
2020	152	6,095,628	0.25	4,222,093.1
2021	*****	98,527	0.30	15,203.3
<i>Aged 30-39, Male</i>				
2016	*****	5,360,973	0.12	1,259,385.7
2017	157	6,806,714	0.23	5,086,481.1
2018	148	6,811,412	0.22	5,053,981.2
2019	141	6,879,708	0.20	4,999,980.3
2020	131	6,079,753	0.22	4,177,548.6
2021	*****	95,033	0.21	14,669.8

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 40-49, Female</i>				
2016	*****	5,685,291	0.17	1,352,337.3
2017	225	6,857,512	0.33	5,394,932.8
2018	202	6,742,121	0.30	5,256,371.8
2019	194	6,771,478	0.29	5,164,068.2
2020	172	5,988,418	0.29	4,263,563.2
2021	*****	131,315	0.08	20,265.0
<i>Aged 40-49, Male</i>				
2016	*****	5,547,864	0.17	1,315,710.8
2017	224	6,725,292	0.33	5,253,724.0
2018	193	6,623,558	0.29	5,131,530.1
2019	207	6,614,436	0.31	5,020,359.8
2020	151	5,865,417	0.26	4,159,913.3
2021	*****	120,688	0.17	18,640.9
<i>Aged 50-59, Female</i>				
2016	*****	6,614,127	0.18	1,583,867.0
2017	297	7,749,631	0.38	6,267,574.2
2018	268	7,510,494	0.36	6,011,503.5
2019	237	7,495,999	0.32	5,871,223.5
2020	214	6,722,401	0.32	4,888,266.8
2021	*****	246,845	0.04	38,137.5
<i>Aged 50-59, Male</i>				
2016	*****	6,357,780	0.23	1,519,902.4
2017	372	7,478,626	0.50	6,024,303.6
2018	347	7,273,281	0.48	5,804,287.3
2019	315	7,228,560	0.44	5,657,859.7
2020	250	6,490,956	0.39	4,720,554.7
2021	*****	226,759	0.13	35,066.7
<i>Aged 60-69, Female</i>				
2016	231	9,542,281	0.24	2,283,014.4
2017	520	11,205,299	0.46	8,977,177.6
2018	499	11,207,454	0.45	8,943,181.7
2019	484	11,507,012	0.42	9,072,162.5
2020	417	11,168,954	0.37	8,550,311.2
2021	19	832,064	0.23	129,078.6
<i>Aged 60-69, Male</i>				
2016	*****	8,617,224	0.28	2,059,732.4
2017	625	10,172,846	0.61	8,115,639.7
2018	651	10,203,161	0.64	8,110,879.0
2019	565	10,473,465	0.54	8,227,835.7
2020	499	10,182,642	0.49	7,746,622.4
2021	*****	721,129	0.12	111,882.1
<i>Aged 70+, Female</i>				
2016	261	14,179,933	0.18	3,499,404.5
2017	628	15,184,065	0.41	13,907,334.9
2018	632	15,453,319	0.41	14,102,224.1
2019	645	15,827,748	0.41	14,382,928.3
2020	679	15,956,336	0.43	14,285,044.7
2021	20	1,460,498	0.14	230,560.6

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 70+, Male</i>				
2016	280	10,616,618	0.26	2,613,255.9
2017	686	11,536,536	0.59	10,469,190.6
2018	681	11,845,021	0.57	10,714,988.7
2019	716	12,213,525	0.59	11,013,814.2
2020	667	12,398,577	0.54	11,009,960.0
2021	12	1,147,825	0.10	181,256.3
<b>Membranoproliferative Glomerulonephritis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code, 365 Days of Pre-Diagnosis Enrollment Required</b>				
<i>Aged 0-19, Female</i>				
2016	41	6,253,724	0.07	1,372,448.1
2017	64	6,635,384	0.10	5,527,202.5
2018	75	6,612,813	0.11	5,516,257.3
2019	66	6,513,567	0.10	5,332,422.5
2020	40	6,046,924	0.07	4,228,595.3
2021	0	67,790	0.00	10,616.3
<i>Aged 0-19, Male</i>				
2016	29	6,544,268	0.04	1,436,077.0
2017	64	6,942,746	0.09	5,782,725.0
2018	70	6,917,181	0.10	5,770,064.1
2019	51	6,811,891	0.07	5,577,530.6
2020	34	6,326,617	0.05	4,425,280.5
2021	0	71,621	0.00	11,222.4
<i>Aged 20-29, Female</i>				
2016	45	3,810,404	0.12	799,708.0
2017	93	4,408,065	0.21	3,234,130.3
2018	75	4,475,073	0.17	3,283,954.2
2019	93	4,388,725	0.21	3,175,716.3
2020	62	4,260,750	0.15	2,635,586.6
2021	0	46,663	0.00	7,161.7
<i>Aged 20-29, Male</i>				
2016	43	3,836,790	0.11	807,719.5
2017	93	4,448,913	0.21	3,275,552.7
2018	75	4,489,742	0.17	3,311,466.4
2019	71	4,424,756	0.16	3,214,154.7
2020	54	4,357,938	0.12	2,733,329.5
2021	0	44,199	0.00	6,791.9
<i>Aged 30-39, Female</i>				
2016	*****	4,290,132	0.10	917,051.6
2017	120	4,824,646	0.25	3,736,871.5
2018	112	4,874,876	0.23	3,784,520.1
2019	105	4,842,847	0.22	3,677,192.1
2020	85	4,660,607	0.18	3,080,340.8
2021	*****	67,278	0.15	10,418.1

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 30-39, Male</i>				
2016	*****	4,127,387	0.10	882,805.6
2017	91	4,687,987	0.19	3,610,032.7
2018	88	4,741,049	0.19	3,663,870.1
2019	77	4,704,844	0.16	3,555,605.1
2020	77	4,606,058	0.17	3,059,589.5
2021	*****	63,918	0.16	9,906.7
<i>Aged 40-49, Female</i>				
2016	*****	4,746,945	0.16	1,035,572.8
2017	128	5,168,819	0.25	4,159,183.2
2018	125	5,149,914	0.24	4,152,040.1
2019	123	5,050,316	0.24	3,984,499.4
2020	95	4,855,340	0.20	3,347,151.9
2021	*****	91,300	0.11	14,148.0
<i>Aged 40-49, Male</i>				
2016	*****	4,582,527	0.12	1,000,429.9
2017	125	5,019,110	0.25	4,024,696.3
2018	122	5,007,294	0.24	4,024,405.3
2019	122	4,898,904	0.25	3,852,138.9
2020	93	4,735,867	0.20	3,271,979.1
2021	*****	83,898	0.12	13,011.8
<i>Aged 50-59, Female</i>				
2016	77	5,699,189	0.14	1,261,180.7
2017	183	6,079,777	0.30	5,002,445.4
2018	168	6,000,534	0.28	4,931,661.7
2019	148	5,796,195	0.26	4,678,588.4
2020	130	5,594,184	0.23	3,960,765.4
2021	0	170,704	0.00	26,520.9
<i>Aged 50-59, Male</i>				
2016	*****	5,447,018	0.17	1,208,037.1
2017	203	5,851,306	0.35	4,801,407.1
2018	196	5,783,847	0.34	4,745,017.0
2019	185	5,588,874	0.33	4,499,938.7
2020	153	5,401,507	0.28	3,835,102.6
2021	*****	158,202	0.13	24,584.1
<i>Aged 60-69, Female</i>				
2016	*****	8,028,118	0.20	1,815,008.0
2017	318	8,844,690	0.36	7,088,117.9
2018	306	8,879,336	0.34	7,130,998.7
2019	292	8,846,793	0.33	7,050,707.9
2020	247	9,057,921	0.27	6,648,978.6
2021	*****	533,933	0.17	83,222.6
<i>Aged 60-69, Male</i>				
2016	*****	7,229,844	0.24	1,634,282.4
2017	376	8,012,535	0.47	6,404,227.1
2018	389	8,048,455	0.48	6,454,372.0
2019	348	8,028,253	0.43	6,390,144.9
2020	307	8,217,774	0.37	6,011,356.0
2021	*****	465,916	0.13	72,610.7

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 70+, Female</i>				
2016	205	13,891,604	0.15	3,364,892.1
2017	443	14,464,831	0.31	13,314,300.9
2018	453	14,656,903	0.31	13,483,247.6
2019	461	14,819,536	0.31	13,589,284.0
2020	426	15,331,831	0.28	13,445,317.3
2021	13	1,174,042	0.11	186,786.0
<i>Aged 70+, Male</i>				
2016	*****	10,379,546	0.21	2,503,701.7
2017	474	10,946,989	0.43	9,985,004.5
2018	499	11,193,118	0.45	10,211,213.7
2019	502	11,400,096	0.44	10,376,738.1
2020	450	11,886,664	0.38	10,338,587.2
2021	*****	933,262	0.09	148,357.8
<b><i>Crescentic/Necrotizing Glomerulonephritis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19, Female</i>				
2016	11	7,015,097	0.02	1,664,951.7
2017	23	8,193,734	0.03	6,457,753.3
2018	36	8,067,644	0.04	6,378,024.0
2019	35	8,100,432	0.04	6,242,738.1
2020	30	6,929,486	0.04	4,902,165.3
2021	0	78,072	0.00	12,235.5
<i>Aged 0-19, Male</i>				
2016	*****	7,343,920	0.01	1,742,728.8
2017	*****	8,564,352	0.02	6,753,114.4
2018	23	8,433,100	0.03	6,670,345.7
2019	27	8,467,328	0.03	6,528,096.9
2020	28	7,248,299	0.04	5,128,007.4
2021	0	82,742	0.00	12,965.1
<i>Aged 20-29, Female</i>				
2016	*****	4,448,421	0.02	1,015,191.8
2017	*****	5,776,468	0.04	3,992,474.9
2018	27	5,729,152	0.05	3,976,193.7
2019	49	5,744,915	0.09	3,898,427.9
2020	42	5,062,931	0.08	3,211,256.4
2021	0	56,475	0.00	8,660.5
<i>Aged 20-29, Male</i>				
2016	*****	4,473,863	0.02	1,022,575.3
2017	*****	5,799,204	0.04	4,017,187.8
2018	22	5,758,349	0.04	3,997,096.0
2019	30	5,773,041	0.05	3,928,433.5
2020	23	5,158,928	0.04	3,286,275.0
2021	0	53,589	0.00	8,238.7



**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 30-39, Female</i>				
2016	22	4,864,576	0.05	1,128,951.0
2017	46	6,016,731	0.08	4,409,458.8
2018	46	5,982,280	0.08	4,401,167.5
2019	44	6,040,023	0.07	4,326,055.5
2020	34	5,359,121	0.06	3,598,304.0
2021	0	78,423	0.00	12,146.5
<i>Aged 30-39, Male</i>				
2016	*****	4,723,104	0.02	1,093,285.5
2017	*****	5,887,066	0.07	4,280,155.1
2018	43	5,870,861	0.07	4,282,258.9
2019	49	5,911,029	0.08	4,199,990.0
2020	39	5,316,574	0.07	3,560,770.1
2021	0	75,246	0.00	11,661.3
<i>Aged 40-49, Female</i>				
2016	*****	5,218,028	0.05	1,225,524.1
2017	65	6,197,945	0.10	4,735,110.4
2018	69	6,060,161	0.11	4,653,640.9
2019	69	6,053,353	0.11	4,520,683.7
2020	62	5,409,100	0.11	3,758,810.0
2021	*****	104,819	0.10	16,257.5
<i>Aged 40-49, Male</i>				
2016	24	5,062,763	0.05	1,187,224.3
2017	63	6,037,651	0.10	4,593,441.9
2018	65	5,922,231	0.11	4,523,799.8
2019	82	5,895,383	0.14	4,381,678.4
2020	68	5,288,451	0.13	3,668,644.6
2021	0	96,630	0.00	15,009.1
<i>Aged 50-59, Female</i>				
2016	*****	6,177,304	0.06	1,461,626.6
2017	98	7,144,101	0.14	5,599,994.4
2018	132	6,893,769	0.19	5,430,373.1
2019	127	6,824,729	0.19	5,223,109.7
2020	103	6,144,002	0.17	4,373,191.7
2021	*****	194,732	0.10	30,312.5
<i>Aged 50-59, Male</i>				
2016	*****	5,918,212	0.08	1,398,965.0
2017	122	6,873,439	0.18	5,377,503.6
2018	136	6,663,426	0.20	5,231,714.6
2019	121	6,588,757	0.18	5,030,720.8
2020	106	5,939,225	0.18	4,228,285.2
2021	*****	179,387	0.06	27,937.9
<i>Aged 60-69, Female</i>				
2016	*****	8,827,837	0.13	2,073,400.1
2017	289	10,242,930	0.28	7,987,214.8
2018	359	10,184,886	0.35	7,983,406.0
2019	378	10,363,371	0.36	7,989,635.9
2020	363	10,021,337	0.36	7,522,245.7
2021	*****	604,376	0.13	94,393.5

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 60-69, Male</i>				
2016	*****	7,968,182	0.11	1,866,822.4
2017	297	9,291,513	0.32	7,217,467.0
2018	342	9,265,925	0.37	7,229,768.6
2019	343	9,428,334	0.36	7,240,744.4
2020	318	9,129,581	0.35	6,801,835.2
2021	*****	527,550	0.19	82,397.5
<i>Aged 70+, Female</i>				
2016	205	14,053,787	0.15	3,460,738.0
2017	642	14,987,806	0.43	13,608,119.5
2018	771	15,217,295	0.51	13,777,275.8
2019	857	15,548,411	0.55	13,970,070.3
2020	830	15,597,635	0.53	13,836,827.3
2021	30	1,212,423	0.25	193,014.7
<i>Aged 70+, Male</i>				
2016	176	10,515,865	0.17	2,580,907.1
2017	487	11,379,251	0.43	10,225,983.5
2018	561	11,653,515	0.48	10,452,033.1
2019	618	11,988,649	0.52	10,684,072.5
2020	555	12,109,016	0.46	10,652,014.3
2021	14	963,351	0.15	153,230.0
<b><i>Crescentic/Necrotizing Glomerulonephritis Defined as the Presence of One Diagnosis Code, No Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19, Female</i>				
2016	18	7,881,735	0.02	1,896,664.8
2017	54	9,388,723	0.06	7,575,731.3
2018	48	9,304,687	0.05	7,446,984.5
2019	49	9,381,315	0.05	7,363,722.8
2020	46	7,872,896	0.06	5,730,625.8
2021	0	93,719	0.00	14,669.5
<i>Aged 0-19, Male</i>				
2016	*****	8,241,663	0.01	1,983,023.9
2017	*****	9,808,592	0.03	7,918,175.2
2018	36	9,718,182	0.04	7,784,643.9
2019	42	9,796,178	0.04	7,697,832.3
2020	41	8,238,578	0.05	5,995,272.7
2021	0	99,160	0.00	15,520.9
<i>Aged 20-29, Female</i>				
2016	12	5,251,887	0.02	1,224,903.4
2017	44	6,943,464	0.06	4,955,464.5
2018	51	6,934,043	0.07	4,887,156.4
2019	86	7,016,408	0.12	4,851,791.7
2020	63	5,999,100	0.11	3,928,897.0
2021	0	73,630	0.00	11,306.9

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 20-29, Male</i>				
2016	17	5,279,080	0.03	1,229,430.0
2017	32	6,990,492	0.05	4,969,958.8
2018	42	6,989,116	0.06	4,913,514.5
2019	46	7,032,741	0.07	4,871,142.5
2020	46	6,104,787	0.08	3,989,552.2
2021	0	70,621	0.00	10,824.2
<i>Aged 30-39, Female</i>				
2016	28	5,469,544	0.05	1,290,801.0
2017	70	6,870,236	0.10	5,200,990.6
2018	70	6,870,228	0.10	5,155,824.5
2019	83	6,974,927	0.12	5,118,407.8
2020	59	6,095,628	0.10	4,222,093.1
2021	0	98,527	0.00	15,203.3
<i>Aged 30-39, Male</i>				
2016	*****	5,360,973	0.04	1,259,385.7
2017	63	6,806,714	0.09	5,086,481.1
2018	70	6,811,412	0.10	5,053,981.2
2019	70	6,879,708	0.10	4,999,980.3
2020	63	6,079,753	0.10	4,177,548.6
2021	*****	95,033	0.11	14,669.8
<i>Aged 40-49, Female</i>				
2016	*****	5,685,291	0.06	1,352,337.3
2017	91	6,857,512	0.13	5,394,932.8
2018	106	6,742,121	0.16	5,256,371.8
2019	108	6,771,478	0.16	5,164,068.2
2020	100	5,988,418	0.17	4,263,563.2
2021	*****	131,315	0.08	20,265.0
<i>Aged 40-49, Male</i>				
2016	32	5,547,864	0.06	1,315,710.8
2017	94	6,725,292	0.14	5,253,724.0
2018	102	6,623,558	0.15	5,131,530.1
2019	113	6,614,436	0.17	5,020,359.8
2020	100	5,865,417	0.17	4,159,913.3
2021	0	120,688	0.00	18,640.9
<i>Aged 50-59, Female</i>				
2016	*****	6,614,127	0.08	1,583,867.0
2017	166	7,749,631	0.21	6,267,574.2
2018	187	7,510,494	0.25	6,011,503.5
2019	192	7,495,999	0.26	5,871,223.5
2020	157	6,722,401	0.23	4,888,266.8
2021	*****	246,845	0.16	38,137.5
<i>Aged 50-59, Male</i>				
2016	*****	6,357,780	0.11	1,519,902.4
2017	193	7,478,626	0.26	6,024,303.6
2018	182	7,273,281	0.25	5,804,287.3
2019	179	7,228,560	0.25	5,657,859.7
2020	164	6,490,956	0.25	4,720,554.7
2021	*****	226,759	0.09	35,066.7

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Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 60-69, Female</i>				
2016	157	9,542,281	0.16	2,283,014.4
2017	428	11,205,299	0.38	8,977,177.6
2018	482	11,207,454	0.43	8,943,181.7
2019	544	11,507,012	0.47	9,072,162.5
2020	509	11,168,954	0.46	8,550,311.2
2021	14	832,064	0.17	129,078.6
<i>Aged 60-69, Male</i>				
2016	128	8,617,224	0.15	2,059,732.4
2017	424	10,172,846	0.42	8,115,639.7
2018	499	10,203,161	0.49	8,110,879.0
2019	520	10,473,465	0.50	8,227,835.7
2020	479	10,182,642	0.47	7,746,622.4
2021	13	721,129	0.18	111,882.1
<i>Aged 70+, Female</i>				
2016	276	14,179,933	0.19	3,499,404.5
2017	852	15,184,065	0.56	13,907,334.9
2018	991	15,453,319	0.64	14,102,224.1
2019	1,109	15,827,748	0.70	14,382,928.3
2020	1,087	15,956,336	0.68	14,285,044.7
2021	37	1,460,498	0.25	230,560.6
<i>Aged 70+, Male</i>				
2016	210	10,616,618	0.20	2,613,255.9
2017	678	11,536,536	0.59	10,469,190.6
2018	734	11,845,021	0.62	10,714,988.7
2019	831	12,213,525	0.68	11,013,814.2
2020	756	12,398,577	0.61	11,009,960.0
2021	22	1,147,825	0.19	181,256.3
<b><i>Crescentic/Necrotizing Glomerulonephritis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19, Female</i>				
2016	*****	6,253,724	0.02	1,372,448.1
2017	*****	6,635,384	0.03	5,527,202.5
2018	33	6,612,813	0.05	5,516,257.3
2019	32	6,513,567	0.05	5,332,422.5
2020	30	6,046,924	0.05	4,228,595.3
2021	0	67,790	0.00	10,616.3
<i>Aged 0-19, Male</i>				
2016	*****	6,544,268	0.01	1,436,077.0
2017	*****	6,942,746	0.02	5,782,725.0
2018	21	6,917,181	0.03	5,770,064.1
2019	24	6,811,891	0.04	5,577,530.6
2020	27	6,326,617	0.04	4,425,280.5
2021	0	71,621	0.00	11,222.4

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 20-29, Female</i>				
2016	*****	3,810,404	0.02	799,708.0
2017	*****	4,408,065	0.05	3,234,130.3
2018	18	4,475,073	0.04	3,283,954.2
2019	41	4,388,725	0.09	3,175,716.3
2020	33	4,260,750	0.08	2,635,586.6
2021	0	46,663	0.00	7,161.7
<i>Aged 20-29, Male</i>				
2016	*****	3,836,790	0.03	807,719.5
2017	*****	4,448,913	0.04	3,275,552.7
2018	18	4,489,742	0.04	3,311,466.4
2019	26	4,424,756	0.06	3,214,154.7
2020	23	4,357,938	0.05	2,733,329.5
2021	0	44,199	0.00	6,791.9
<i>Aged 30-39, Female</i>				
2016	19	4,290,132	0.04	917,051.6
2017	44	4,824,646	0.09	3,736,871.5
2018	39	4,874,876	0.08	3,784,520.1
2019	36	4,842,847	0.07	3,677,192.1
2020	30	4,660,607	0.06	3,080,340.8
2021	0	67,278	0.00	10,418.1
<i>Aged 30-39, Male</i>				
2016	*****	4,127,387	0.02	882,805.6
2017	*****	4,687,987	0.07	3,610,032.7
2018	39	4,741,049	0.08	3,663,870.1
2019	40	4,704,844	0.09	3,555,605.1
2020	36	4,606,058	0.08	3,059,589.5
2021	0	63,918	0.00	9,906.7
<i>Aged 40-49, Female</i>				
2016	*****	4,746,945	0.05	1,035,572.8
2017	62	5,168,819	0.12	4,159,183.2
2018	67	5,149,914	0.13	4,152,040.1
2019	70	5,050,316	0.14	3,984,499.4
2020	61	4,855,340	0.13	3,347,151.9
2021	*****	91,300	0.11	14,148.0
<i>Aged 40-49, Male</i>				
2016	24	4,582,527	0.05	1,000,429.9
2017	53	5,019,110	0.11	4,024,696.3
2018	64	5,007,294	0.13	4,024,405.3
2019	72	4,898,904	0.15	3,852,138.9
2020	64	4,735,867	0.14	3,271,979.1
2021	0	83,898	0.00	13,011.8
<i>Aged 50-59, Female</i>				
2016	*****	5,699,189	0.06	1,261,180.7
2017	96	6,079,777	0.16	5,002,445.4
2018	123	6,000,534	0.20	4,931,661.7
2019	129	5,796,195	0.22	4,678,588.4
2020	92	5,594,184	0.16	3,960,765.4
2021	*****	170,704	0.06	26,520.9

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 50-59, Male</i>				
2016	*****	5,447,018	0.09	1,208,037.1
2017	117	5,851,306	0.20	4,801,407.1
2018	124	5,783,847	0.21	4,745,017.0
2019	116	5,588,874	0.21	4,499,938.7
2020	98	5,401,507	0.18	3,835,102.6
2021	*****	158,202	0.06	24,584.1
<i>Aged 60-69, Female</i>				
2016	*****	8,028,118	0.14	1,815,008.0
2017	271	8,844,690	0.31	7,088,117.9
2018	335	8,879,336	0.38	7,130,998.7
2019	358	8,846,793	0.40	7,050,707.9
2020	346	9,057,921	0.38	6,648,978.6
2021	*****	533,933	0.17	83,222.6
<i>Aged 60-69, Male</i>				
2016	81	7,229,844	0.11	1,634,282.4
2017	270	8,012,535	0.34	6,404,227.1
2018	318	8,048,455	0.40	6,454,372.0
2019	335	8,028,253	0.42	6,390,144.9
2020	300	8,217,774	0.37	6,011,356.0
2021	11	465,916	0.24	72,610.7
<i>Aged 70+, Female</i>				
2016	210	13,891,604	0.15	3,364,892.1
2017	648	14,464,831	0.45	13,314,300.9
2018	783	14,656,903	0.53	13,483,247.6
2019	878	14,819,536	0.59	13,589,284.0
2020	846	15,331,831	0.55	13,445,317.3
2021	33	1,174,042	0.28	186,786.0
<i>Aged 70+, Male</i>				
2016	178	10,379,546	0.17	2,503,701.7
2017	492	10,946,989	0.45	9,985,004.5
2018	571	11,193,118	0.51	10,211,213.7
2019	622	11,400,096	0.55	10,376,738.1
2020	587	11,886,664	0.49	10,338,587.2
2021	16	933,262	0.17	148,357.8
<b>Lupus Nephritis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code, 183 Days of Pre-Diagnosis Enrollment Required</b>				
<i>Aged 0-19, Female</i>				
2016	*****	7,015,097	0.33	1,664,951.7
2017	412	8,193,734	0.50	6,457,753.3
2018	427	8,067,644	0.53	6,378,024.0
2019	411	8,100,432	0.51	6,242,738.1
2020	327	6,929,486	0.47	4,902,165.3
2021	*****	78,072	0.13	12,235.5

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 0-19, Male</i>				
2016	63	7,343,920	0.09	1,742,728.8
2017	97	8,564,352	0.11	6,753,114.4
2018	95	8,433,100	0.11	6,670,345.7
2019	93	8,467,328	0.11	6,528,096.9
2020	76	7,248,299	0.10	5,128,007.4
2021	0	82,742	0.00	12,965.1
<i>Aged 20-29, Female</i>				
2016	993	4,448,421	2.23	1,015,191.8
2017	1,934	5,776,468	3.35	3,992,474.9
2018	1,988	5,729,152	3.47	3,976,193.7
2019	1,966	5,744,915	3.42	3,898,427.9
2020	1,740	5,062,931	3.44	3,211,256.4
2021	15	56,475	2.66	8,660.5
<i>Aged 20-29, Male</i>				
2016	*****	4,473,863	0.37	1,022,575.3
2017	349	5,799,204	0.60	4,017,187.8
2018	357	5,758,349	0.62	3,997,096.0
2019	347	5,773,041	0.60	3,928,433.5
2020	328	5,158,928	0.64	3,286,275.0
2021	*****	53,589	0.19	8,238.7
<i>Aged 30-39, Female</i>				
2016	1,657	4,864,576	3.41	1,128,951.0
2017	3,202	6,016,731	5.32	4,409,458.8
2018	3,419	5,982,280	5.72	4,401,167.5
2019	3,477	6,040,023	5.76	4,326,055.5
2020	3,111	5,359,121	5.81	3,598,304.0
2021	70	78,423	8.93	12,146.5
<i>Aged 30-39, Male</i>				
2016	*****	4,723,104	0.49	1,093,285.5
2017	508	5,887,066	0.86	4,280,155.1
2018	536	5,870,861	0.91	4,282,258.9
2019	557	5,911,029	0.94	4,199,990.0
2020	498	5,316,574	0.94	3,560,770.1
2021	*****	75,246	0.53	11,661.3
<i>Aged 40-49, Female</i>				
2016	1,506	5,218,028	2.89	1,225,524.1
2017	3,056	6,197,945	4.93	4,735,110.4
2018	3,300	6,060,161	5.45	4,653,640.9
2019	3,393	6,053,353	5.61	4,520,683.7
2020	3,107	5,409,100	5.74	3,758,810.0
2021	71	104,819	6.77	16,257.5
<i>Aged 40-49, Male</i>				
2016	*****	5,062,763	0.50	1,187,224.3
2017	562	6,037,651	0.93	4,593,441.9
2018	591	5,922,231	1.00	4,523,799.8
2019	609	5,895,383	1.03	4,381,678.4
2020	543	5,288,451	1.03	3,668,644.6
2021	*****	96,630	0.93	15,009.1

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 50-59, Female</i>				
2016	1,276	6,177,304	2.07	1,461,626.6
2017	2,703	7,144,101	3.78	5,599,994.4
2018	2,920	6,893,769	4.24	5,430,373.1
2019	3,008	6,824,729	4.41	5,223,109.7
2020	2,767	6,144,002	4.50	4,373,191.7
2021	84	194,732	4.31	30,312.5
<i>Aged 50-59, Male</i>				
2016	*****	5,918,212	0.40	1,398,965.0
2017	485	6,873,439	0.71	5,377,503.6
2018	518	6,663,426	0.78	5,231,714.6
2019	556	6,588,757	0.84	5,030,720.8
2020	559	5,939,225	0.94	4,228,285.2
2021	*****	179,387	0.45	27,937.9
<i>Aged 60-69, Female</i>				
2016	954	8,827,837	1.08	2,073,400.1
2017	2,113	10,242,930	2.06	7,987,214.8
2018	2,347	10,184,886	2.30	7,983,406.0
2019	2,522	10,363,371	2.43	7,989,635.9
2020	2,437	10,021,337	2.43	7,522,245.7
2021	82	604,376	1.36	94,393.5
<i>Aged 60-69, Male</i>				
2016	*****	7,968,182	0.28	1,866,822.4
2017	512	9,291,513	0.55	7,217,467.0
2018	547	9,265,925	0.59	7,229,768.6
2019	588	9,428,334	0.62	7,240,744.4
2020	556	9,129,581	0.61	6,801,835.2
2021	*****	527,550	0.19	82,397.5
<i>Aged 70+, Female</i>				
2016	500	14,053,787	0.36	3,460,738.0
2017	1,268	14,987,806	0.85	13,608,119.5
2018	1,533	15,217,295	1.01	13,777,275.8
2019	1,668	15,548,411	1.07	13,970,070.3
2020	1,827	15,597,635	1.17	13,836,827.3
2021	72	1,212,423	0.59	193,014.7
<i>Aged 70+, Male</i>				
2016	189	10,515,865	0.18	2,580,907.1
2017	418	11,379,251	0.37	10,225,983.5
2018	496	11,653,515	0.43	10,452,033.1
2019	514	11,988,649	0.43	10,684,072.5
2020	519	12,109,016	0.43	10,652,014.3
2021	14	963,351	0.15	153,230.0



**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b><i>Lupus Nephritis Defined as the Presence of One Diagnosis Code, No Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19, Female</i>				
2016	*****	7,881,735	0.36	1,896,664.8
2017	523	9,388,723	0.56	7,575,731.3
2018	531	9,304,687	0.57	7,446,984.5
2019	513	9,381,315	0.55	7,363,722.8
2020	394	7,872,896	0.50	5,730,625.8
2021	*****	93,719	0.11	14,669.5
<i>Aged 0-19, Male</i>				
2016	74	8,241,663	0.09	1,983,023.9
2017	139	9,808,592	0.14	7,918,175.2
2018	135	9,718,182	0.14	7,784,643.9
2019	130	9,796,178	0.13	7,697,832.3
2020	98	8,238,578	0.12	5,995,272.7
2021	0	99,160	0.00	15,520.9
<i>Aged 20-29, Female</i>				
2016	1,275	5,251,887	2.43	1,224,903.4
2017	2,571	6,943,464	3.70	4,955,464.5
2018	2,669	6,934,043	3.85	4,887,156.4
2019	2,683	7,016,408	3.82	4,851,791.7
2020	2,256	5,999,100	3.76	3,928,897.0
2021	25	73,630	3.40	11,306.9
<i>Aged 20-29, Male</i>				
2016	*****	5,279,080	0.42	1,229,430.0
2017	492	6,990,492	0.70	4,969,958.8
2018	469	6,989,116	0.67	4,913,514.5
2019	478	7,032,741	0.68	4,871,142.5
2020	435	6,104,787	0.71	3,989,552.2
2021	*****	70,621	0.42	10,824.2
<i>Aged 30-39, Female</i>				
2016	2,145	5,469,544	3.92	1,290,801.0
2017	4,307	6,870,236	6.27	5,200,990.6
2018	4,552	6,870,228	6.63	5,155,824.5
2019	4,645	6,974,927	6.66	5,118,407.8
2020	4,106	6,095,628	6.74	4,222,093.1
2021	105	98,527	10.66	15,203.3
<i>Aged 30-39, Male</i>				
2016	*****	5,360,973	0.59	1,259,385.7
2017	700	6,806,714	1.03	5,086,481.1
2018	757	6,811,412	1.11	5,053,981.2
2019	742	6,879,708	1.08	4,999,980.3
2020	688	6,079,753	1.13	4,177,548.6
2021	*****	95,033	1.05	14,669.8

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Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 40-49, Female</i>				
2016	2,019	5,685,291	3.55	1,352,337.3
2017	4,421	6,857,512	6.45	5,394,932.8
2018	4,606	6,742,121	6.83	5,256,371.8
2019	4,726	6,771,478	6.98	5,164,068.2
2020	4,297	5,988,418	7.18	4,263,563.2
2021	115	131,315	8.76	20,265.0
<i>Aged 40-49, Male</i>				
2016	331	5,547,864	0.60	1,315,710.8
2017	811	6,725,292	1.21	5,253,724.0
2018	848	6,623,558	1.28	5,131,530.1
2019	858	6,614,436	1.30	5,020,359.8
2020	739	5,865,417	1.26	4,159,913.3
2021	13	120,688	1.08	18,640.9
<i>Aged 50-59, Female</i>				
2016	1,801	6,614,127	2.72	1,583,867.0
2017	4,091	7,749,631	5.28	6,267,574.2
2018	4,291	7,510,494	5.71	6,011,503.5
2019	4,445	7,495,999	5.93	5,871,223.5
2020	3,992	6,722,401	5.94	4,888,266.8
2021	133	246,845	5.39	38,137.5
<i>Aged 50-59, Male</i>				
2016	324	6,357,780	0.51	1,519,902.4
2017	737	7,478,626	0.99	6,024,303.6
2018	764	7,273,281	1.05	5,804,287.3
2019	823	7,228,560	1.14	5,657,859.7
2020	789	6,490,956	1.22	4,720,554.7
2021	23	226,759	1.01	35,066.7
<i>Aged 60-69, Female</i>				
2016	1,380	9,542,281	1.45	2,283,014.4
2017	3,329	11,205,299	2.97	8,977,177.6
2018	3,707	11,207,454	3.31	8,943,181.7
2019	3,927	11,507,012	3.41	9,072,162.5
2020	3,776	11,168,954	3.38	8,550,311.2
2021	157	832,064	1.89	129,078.6
<i>Aged 60-69, Male</i>				
2016	317	8,617,224	0.37	2,059,732.4
2017	784	10,172,846	0.77	8,115,639.7
2018	837	10,203,161	0.82	8,110,879.0
2019	885	10,473,465	0.84	8,227,835.7
2020	843	10,182,642	0.83	7,746,622.4
2021	24	721,129	0.33	111,882.1
<i>Aged 70+, Female</i>				
2016	827	14,179,933	0.58	3,499,404.5
2017	2,152	15,184,065	1.42	13,907,334.9
2018	2,467	15,453,319	1.60	14,102,224.1
2019	2,671	15,827,748	1.69	14,382,928.3
2020	2,884	15,956,336	1.81	14,285,044.7
2021	122	1,460,498	0.84	230,560.6

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Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 70+, Male</i>				
2016	266	10,616,618	0.25	2,613,255.9
2017	719	11,536,536	0.62	10,469,190.6
2018	774	11,845,021	0.65	10,714,988.7
2019	822	12,213,525	0.67	11,013,814.2
2020	794	12,398,577	0.64	11,009,960.0
2021	26	1,147,825	0.23	181,256.3
<b><i>Lupus Nephritis Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19, Female</i>				
2016	*****	6,253,724	0.32	1,372,448.1
2017	365	6,635,384	0.55	5,527,202.5
2018	386	6,612,813	0.58	5,516,257.3
2019	363	6,513,567	0.56	5,332,422.5
2020	296	6,046,924	0.49	4,228,595.3
2021	*****	67,790	0.15	10,616.3
<i>Aged 0-19, Male</i>				
2016	56	6,544,268	0.09	1,436,077.0
2017	87	6,942,746	0.13	5,782,725.0
2018	85	6,917,181	0.12	5,770,064.1
2019	84	6,811,891	0.12	5,577,530.6
2020	68	6,326,617	0.11	4,425,280.5
2021	0	71,621	0.00	11,222.4
<i>Aged 20-29, Female</i>				
2016	880	3,810,404	2.31	799,708.0
2017	1,716	4,408,065	3.89	3,234,130.3
2018	1,753	4,475,073	3.92	3,283,954.2
2019	1,752	4,388,725	3.99	3,175,716.3
2020	1,531	4,260,750	3.59	2,635,586.6
2021	14	46,663	3.00	7,161.7
<i>Aged 20-29, Male</i>				
2016	*****	3,836,790	0.39	807,719.5
2017	316	4,448,913	0.71	3,275,552.7
2018	316	4,489,742	0.70	3,311,466.4
2019	306	4,424,756	0.69	3,214,154.7
2020	291	4,357,938	0.67	2,733,329.5
2021	*****	44,199	0.23	6,791.9
<i>Aged 30-39, Female</i>				
2016	1,595	4,290,132	3.72	917,051.6
2017	3,096	4,824,646	6.42	3,736,871.5
2018	3,333	4,874,876	6.84	3,784,520.1
2019	3,339	4,842,847	6.89	3,677,192.1
2020	2,981	4,660,607	6.40	3,080,340.8
2021	60	67,278	8.92	10,418.1

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Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 30-39, Male</i>				
2016	*****	4,127,387	0.57	882,805.6
2017	494	4,687,987	1.05	3,610,032.7
2018	498	4,741,049	1.05	3,663,870.1
2019	532	4,704,844	1.13	3,555,605.1
2020	486	4,606,058	1.06	3,059,589.5
2021	*****	63,918	0.47	9,906.7
<i>Aged 40-49, Female</i>				
2016	1,494	4,746,945	3.15	1,035,572.8
2017	3,055	5,168,819	5.91	4,159,183.2
2018	3,279	5,149,914	6.37	4,152,040.1
2019	3,365	5,050,316	6.66	3,984,499.4
2020	3,097	4,855,340	6.38	3,347,151.9
2021	66	91,300	7.23	14,148.0
<i>Aged 40-49, Male</i>				
2016	*****	4,582,527	0.56	1,000,429.9
2017	556	5,019,110	1.11	4,024,696.3
2018	598	5,007,294	1.19	4,024,405.3
2019	622	4,898,904	1.27	3,852,138.9
2020	533	4,735,867	1.13	3,271,979.1
2021	*****	83,898	0.83	13,011.8
<i>Aged 50-59, Female</i>				
2016	1,296	5,699,189	2.27	1,261,180.7
2017	2,768	6,079,777	4.55	5,002,445.4
2018	2,989	6,000,534	4.98	4,931,661.7
2019	3,077	5,796,195	5.31	4,678,588.4
2020	2,859	5,594,184	5.11	3,960,765.4
2021	74	170,704	4.33	26,520.9
<i>Aged 50-59, Male</i>				
2016	*****	5,447,018	0.44	1,208,037.1
2017	503	5,851,306	0.86	4,801,407.1
2018	509	5,783,847	0.88	4,745,017.0
2019	555	5,588,874	0.99	4,499,938.7
2020	554	5,401,507	1.03	3,835,102.6
2021	*****	158,202	0.63	24,584.1
<i>Aged 60-69, Female</i>				
2016	962	8,028,118	1.20	1,815,008.0
2017	2,118	8,844,690	2.39	7,088,117.9
2018	2,434	8,879,336	2.74	7,130,998.7
2019	2,546	8,846,793	2.88	7,050,707.9
2020	2,473	9,057,921	2.73	6,648,978.6
2021	87	533,933	1.63	83,222.6
<i>Aged 60-69, Male</i>				
2016	221	7,229,844	0.31	1,634,282.4
2017	507	8,012,535	0.63	6,404,227.1
2018	542	8,048,455	0.67	6,454,372.0
2019	583	8,028,253	0.73	6,390,144.9
2020	562	8,217,774	0.68	6,011,356.0
2021	12	465,916	0.26	72,610.7

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 70+, Female</i>				
2016	562	13,891,604	0.40	3,364,892.1
2017	1,352	14,464,831	0.93	13,314,300.9
2018	1,638	14,656,903	1.12	13,483,247.6
2019	1,800	14,819,536	1.21	13,589,284.0
2020	1,961	15,331,831	1.28	13,445,317.3
2021	82	1,174,042	0.70	186,786.0
<i>Aged 70+, Male</i>				
2016	212	10,379,546	0.20	2,503,701.7
2017	452	10,946,989	0.41	9,985,004.5
2018	519	11,193,118	0.46	10,211,213.7
2019	549	11,400,096	0.48	10,376,738.1
2020	545	11,886,664	0.46	10,338,587.2
2021	16	933,262	0.17	148,357.8
<b><i>Diabetic Nephropathy Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19, Female</i>				
2016	55	7,015,097	0.08	1,664,951.7
2017	132	8,193,734	0.16	6,457,753.3
2018	96	8,067,644	0.12	6,378,024.0
2019	82	8,100,432	0.10	6,242,738.1
2020	36	6,929,486	0.05	4,902,165.3
2021	0	78,072	0.00	12,235.5
<i>Aged 0-19, Male</i>				
2016	41	7,343,920	0.06	1,742,728.8
2017	106	8,564,352	0.12	6,753,114.4
2018	90	8,433,100	0.11	6,670,345.7
2019	73	8,467,328	0.09	6,528,096.9
2020	28	7,248,299	0.04	5,128,007.4
2021	0	82,742	0.00	12,965.1
<i>Aged 20-29, Female</i>				
2016	*****	4,448,421	0.89	1,015,191.8
2017	874	5,776,468	1.51	3,992,474.9
2018	780	5,729,152	1.36	3,976,193.7
2019	775	5,744,915	1.35	3,898,427.9
2020	636	5,062,931	1.26	3,211,256.4
2021	*****	56,475	1.77	8,660.5
<i>Aged 20-29, Male</i>				
2016	*****	4,473,863	0.61	1,022,575.3
2017	659	5,799,204	1.14	4,017,187.8
2018	594	5,758,349	1.03	3,997,096.0
2019	588	5,773,041	1.02	3,928,433.5
2020	439	5,158,928	0.85	3,286,275.0
2021	*****	53,589	0.75	8,238.7

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 30-39, Female</i>				
2016	1,678	4,864,576	3.45	1,128,951.0
2017	3,804	6,016,731	6.32	4,409,458.8
2018	3,639	5,982,280	6.08	4,401,167.5
2019	3,430	6,040,023	5.68	4,326,055.5
2020	2,790	5,359,121	5.21	3,598,304.0
2021	31	78,423	3.95	12,146.5
<i>Aged 30-39, Male</i>				
2016	1,748	4,723,104	3.70	1,093,285.5
2017	4,045	5,887,066	6.87	4,280,155.1
2018	3,924	5,870,861	6.68	4,282,258.9
2019	3,738	5,911,029	6.32	4,199,990.0
2020	3,000	5,316,574	5.64	3,560,770.1
2021	37	75,246	4.92	11,661.3
<i>Aged 40-49, Female</i>				
2016	4,334	5,218,028	8.31	1,225,524.1
2017	9,651	6,197,945	15.57	4,735,110.4
2018	9,440	6,060,161	15.58	4,653,640.9
2019	8,930	6,053,353	14.75	4,520,683.7
2020	7,380	5,409,100	13.64	3,758,810.0
2021	156	104,819	14.88	16,257.5
<i>Aged 40-49, Male</i>				
2016	5,977	5,062,763	11.81	1,187,224.3
2017	13,466	6,037,651	22.30	4,593,441.9
2018	13,133	5,922,231	22.18	4,523,799.8
2019	12,494	5,895,383	21.19	4,381,678.4
2020	10,383	5,288,451	19.63	3,668,644.6
2021	175	96,630	18.11	15,009.1
<i>Aged 50-59, Female</i>				
2016	11,383	6,177,304	18.43	1,461,626.6
2017	25,081	7,144,101	35.11	5,599,994.4
2018	24,612	6,893,769	35.70	5,430,373.1
2019	23,326	6,824,729	34.18	5,223,109.7
2020	19,476	6,144,002	31.70	4,373,191.7
2021	748	194,732	38.41	30,312.5
<i>Aged 50-59, Male</i>				
2016	16,222	5,918,212	27.41	1,398,965.0
2017	35,832	6,873,439	52.13	5,377,503.6
2018	34,599	6,663,426	51.92	5,231,714.6
2019	33,450	6,588,757	50.77	5,030,720.8
2020	27,816	5,939,225	46.83	4,228,285.2
2021	828	179,387	46.16	27,937.9
<i>Aged 60-69, Female</i>				
2016	31,890	8,827,837	36.12	2,073,400.1
2017	69,746	10,242,930	68.09	7,987,214.8
2018	68,393	10,184,886	67.15	7,983,406.0
2019	67,127	10,363,371	64.77	7,989,635.9
2020	59,580	10,021,337	59.45	7,522,245.7
2021	2,942	604,376	48.68	94,393.5

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 60-69, Male</i>				
2016	38,446	7,968,182	48.25	1,866,822.4
2017	83,737	9,291,513	90.12	7,217,467.0
2018	83,659	9,265,925	90.29	7,229,768.6
2019	84,080	9,428,334	89.18	7,240,744.4
2020	76,027	9,129,581	83.28	6,801,835.2
2021	3,253	527,550	61.66	82,397.5
<i>Aged 70+, Female</i>				
2016	71,243	14,053,787	50.69	3,460,738.0
2017	153,623	14,987,806	102.50	13,608,119.5
2018	159,966	15,217,295	105.12	13,777,275.8
2019	165,413	15,548,411	106.39	13,970,070.3
2020	157,415	15,597,635	100.92	13,836,827.3
2021	8,384	1,212,423	69.15	193,014.7
<i>Aged 70+, Male</i>				
2016	79,293	10,515,865	75.40	2,580,907.1
2017	168,846	11,379,251	148.38	10,225,983.5
2018	176,752	11,653,515	151.67	10,452,033.1
2019	184,266	11,988,649	153.70	10,684,072.5
2020	177,371	12,109,016	146.48	10,652,014.3
2021	8,511	963,351	88.35	153,230.0
<b><i>Diabetic Nephropathy Defined as the Presence of One Diagnosis Code, No Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19, Female</i>				
2016	*****	7,881,735	0.16	1,896,664.8
2017	269	9,388,723	0.29	7,575,731.3
2018	197	9,304,687	0.21	7,446,984.5
2019	167	9,381,315	0.18	7,363,722.8
2020	87	7,872,896	0.11	5,730,625.8
2021	*****	93,719	0.11	14,669.5
<i>Aged 0-19, Male</i>				
2016	83	8,241,663	0.10	1,983,023.9
2017	195	9,808,592	0.20	7,918,175.2
2018	176	9,718,182	0.18	7,784,643.9
2019	143	9,796,178	0.15	7,697,832.3
2020	74	8,238,578	0.09	5,995,272.7
2021	0	99,160	0.00	15,520.9
<i>Aged 20-29, Female</i>				
2016	753	5,251,887	1.43	1,224,903.4
2017	1,802	6,943,464	2.60	4,955,464.5
2018	1,637	6,934,043	2.36	4,887,156.4
2019	1,571	7,016,408	2.24	4,851,791.7
2020	1,221	5,999,100	2.04	3,928,897.0
2021	23	73,630	3.12	11,306.9

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 20-29, Male</i>				
2016	*****	5,279,080	1.01	1,229,430.0
2017	1,359	6,990,492	1.94	4,969,958.8
2018	1,243	6,989,116	1.78	4,913,514.5
2019	1,218	7,032,741	1.73	4,871,142.5
2020	896	6,104,787	1.47	3,989,552.2
2021	*****	70,621	1.27	10,824.2
<i>Aged 30-39, Female</i>				
2016	2,873	5,469,544	5.25	1,290,801.0
2017	6,843	6,870,236	9.96	5,200,990.6
2018	6,429	6,870,228	9.36	5,155,824.5
2019	6,109	6,974,927	8.76	5,118,407.8
2020	4,880	6,095,628	8.01	4,222,093.1
2021	73	98,527	7.41	15,203.3
<i>Aged 30-39, Male</i>				
2016	2,990	5,360,973	5.58	1,259,385.7
2017	7,353	6,806,714	10.80	5,086,481.1
2018	7,020	6,811,412	10.31	5,053,981.2
2019	6,822	6,879,708	9.92	4,999,980.3
2020	5,411	6,079,753	8.90	4,177,548.6
2021	78	95,033	8.21	14,669.8
<i>Aged 40-49, Female</i>				
2016	7,326	5,685,291	12.89	1,352,337.3
2017	17,710	6,857,512	25.83	5,394,932.8
2018	16,574	6,742,121	24.58	5,256,371.8
2019	15,877	6,771,478	23.45	5,164,068.2
2020	12,888	5,988,418	21.52	4,263,563.2
2021	350	131,315	26.65	20,265.0
<i>Aged 40-49, Male</i>				
2016	9,967	5,547,864	17.97	1,315,710.8
2017	24,218	6,725,292	36.01	5,253,724.0
2018	23,141	6,623,558	34.94	5,131,530.1
2019	22,073	6,614,436	33.37	5,020,359.8
2020	17,941	5,865,417	30.59	4,159,913.3
2021	358	120,688	29.66	18,640.9
<i>Aged 50-59, Female</i>				
2016	18,941	6,614,127	28.64	1,583,867.0
2017	44,475	7,749,631	57.39	6,267,574.2
2018	42,589	7,510,494	56.71	6,011,503.5
2019	40,196	7,495,999	53.62	5,871,223.5
2020	33,689	6,722,401	50.11	4,888,266.8
2021	1,371	246,845	55.54	38,137.5



**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 50-59, Male</i>				
2016	26,305	6,357,780	41.37	1,519,902.4
2017	62,186	7,478,626	83.15	6,024,303.6
2018	59,413	7,273,281	81.69	5,804,287.3
2019	57,036	7,228,560	78.90	5,657,859.7
2020	47,708	6,490,956	73.50	4,720,554.7
2021	1,577	226,759	69.55	35,066.7
<i>Aged 60-69, Female</i>				
2016	51,676	9,542,281	54.15	2,283,014.4
2017	119,182	11,205,299	106.36	8,977,177.6
2018	114,613	11,207,454	102.26	8,943,181.7
2019	113,051	11,507,012	98.25	9,072,162.5
2020	102,840	11,168,954	92.08	8,550,311.2
2021	5,490	832,064	65.98	129,078.6
<i>Aged 60-69, Male</i>				
2016	61,911	8,617,224	71.85	2,059,732.4
2017	142,296	10,172,846	139.88	8,115,639.7
2018	139,685	10,203,161	136.90	8,110,879.0
2019	140,391	10,473,465	134.04	8,227,835.7
2020	129,463	10,182,642	127.14	7,746,622.4
2021	6,023	721,129	83.52	111,882.1
<i>Aged 70+, Female</i>				
2016	108,428	14,179,933	76.47	3,499,404.5
2017	245,711	15,184,065	161.82	13,907,334.9
2018	249,393	15,453,319	161.38	14,102,224.1
2019	257,892	15,827,748	162.94	14,382,928.3
2020	257,090	15,956,336	161.12	14,285,044.7
2021	14,229	1,460,498	97.43	230,560.6
<i>Aged 70+, Male</i>				
2016	118,977	10,616,618	112.07	2,613,255.9
2017	266,288	11,536,536	230.82	10,469,190.6
2018	272,058	11,845,021	229.68	10,714,988.7
2019	281,858	12,213,525	230.78	11,013,814.2
2020	282,992	12,398,577	228.25	11,009,960.0
2021	13,975	1,147,825	121.75	181,256.3

**Diabetic Nephropathy Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by One Diagnosis Code, 365 Days of Pre-Diagnosis Enrollment Required**

<i>Aged 0-19, Female</i>				
2016	53	6,253,724	0.08	1,372,448.1
2017	133	6,635,384	0.20	5,527,202.5
2018	102	6,612,813	0.15	5,516,257.3
2019	83	6,513,567	0.13	5,332,422.5
2020	38	6,046,924	0.06	4,228,595.3
2021	0	67,790	0.00	10,616.3

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 0-19, Male</i>				
2016	43	6,544,268	0.07	1,436,077.0
2017	105	6,942,746	0.15	5,782,725.0
2018	97	6,917,181	0.14	5,770,064.1
2019	73	6,811,891	0.11	5,577,530.6
2020	29	6,326,617	0.05	4,425,280.5
2021	0	71,621	0.00	11,222.4
<i>Aged 20-29, Female</i>				
2016	*****	3,810,404	0.96	799,708.0
2017	826	4,408,065	1.87	3,234,130.3
2018	751	4,475,073	1.68	3,283,954.2
2019	708	4,388,725	1.61	3,175,716.3
2020	587	4,260,750	1.38	2,635,586.6
2021	*****	46,663	1.93	7,161.7
<i>Aged 20-29, Male</i>				
2016	*****	3,836,790	0.65	807,719.5
2017	626	4,448,913	1.41	3,275,552.7
2018	589	4,489,742	1.31	3,311,466.4
2019	548	4,424,756	1.24	3,214,154.7
2020	417	4,357,938	0.96	2,733,329.5
2021	*****	44,199	0.90	6,791.9
<i>Aged 30-39, Female</i>				
2016	1,659	4,290,132	3.87	917,051.6
2017	3,790	4,824,646	7.86	3,736,871.5
2018	3,631	4,874,876	7.45	3,784,520.1
2019	3,416	4,842,847	7.05	3,677,192.1
2020	2,762	4,660,607	5.93	3,080,340.8
2021	28	67,278	4.16	10,418.1
<i>Aged 30-39, Male</i>				
2016	1,743	4,127,387	4.22	882,805.6
2017	3,994	4,687,987	8.52	3,610,032.7
2018	3,865	4,741,049	8.15	3,663,870.1
2019	3,684	4,704,844	7.83	3,555,605.1
2020	2,975	4,606,058	6.46	3,059,589.5
2021	34	63,918	5.32	9,906.7
<i>Aged 40-49, Female</i>				
2016	4,418	4,746,945	9.31	1,035,572.8
2017	9,844	5,168,819	19.04	4,159,183.2
2018	9,620	5,149,914	18.68	4,152,040.1
2019	9,107	5,050,316	18.03	3,984,499.4
2020	7,525	4,855,340	15.50	3,347,151.9
2021	167	91,300	18.29	14,148.0
<i>Aged 40-49, Male</i>				
2016	6,022	4,582,527	13.14	1,000,429.9
2017	13,550	5,019,110	27.00	4,024,696.3
2018	13,393	5,007,294	26.75	4,024,405.3
2019	12,658	4,898,904	25.84	3,852,138.9
2020	10,558	4,735,867	22.29	3,271,979.1
2021	180	83,898	21.45	13,011.8

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

<b>Age Group (Years)</b>	<b>Patients Meeting Disease Definition</b>	<b>Eligible Members<sup>1</sup></b>	<b>Patients Meeting Disease Definition per 10,000 Eligible Members</b>	<b>Eligible Member Years<sup>1</sup></b>
<i>Aged 50-59, Female</i>				
2016	11,581	5,699,189	20.32	1,261,180.7
2017	25,637	6,079,777	42.17	5,002,445.4
2018	25,283	6,000,534	42.13	4,931,661.7
2019	23,906	5,796,195	41.24	4,678,588.4
2020	19,912	5,594,184	35.59	3,960,765.4
2021	720	170,704	42.18	26,520.9
<i>Aged 50-59, Male</i>				
2016	16,496	5,447,018	30.28	1,208,037.1
2017	36,276	5,851,306	62.00	4,801,407.1
2018	35,459	5,783,847	61.31	4,745,017.0
2019	34,011	5,588,874	60.85	4,499,938.7
2020	28,717	5,401,507	53.16	3,835,102.6
2021	871	158,202	55.06	24,584.1
<i>Aged 60-69, Female</i>				
2016	32,654	8,028,118	40.67	1,815,008.0
2017	71,333	8,844,690	80.65	7,088,117.9
2018	69,931	8,879,336	78.76	7,130,998.7
2019	68,419	8,846,793	77.34	7,050,707.9
2020	60,936	9,057,921	67.27	6,648,978.6
2021	3,032	533,933	56.79	83,222.6
<i>Aged 60-69, Male</i>				
2016	39,328	7,229,844	54.40	1,634,282.4
2017	85,235	8,012,535	106.38	6,404,227.1
2018	85,273	8,048,455	105.95	6,454,372.0
2019	85,190	8,028,253	106.11	6,390,144.9
2020	77,577	8,217,774	94.40	6,011,356.0
2021	3,401	465,916	73.00	72,610.7
<i>Aged 70+, Female</i>				
2016	77,871	13,891,604	56.06	3,364,892.1
2017	166,218	14,464,831	114.91	13,314,300.9
2018	172,704	14,656,903	117.83	13,483,247.6
2019	178,106	14,819,536	120.18	13,589,284.0
2020	170,951	15,331,831	111.50	13,445,317.3
2021	9,308	1,174,042	79.28	186,786.0
<i>Aged 70+, Male</i>				
2016	86,829	10,379,546	83.65	2,503,701.7
2017	182,833	10,946,989	167.02	9,985,004.5
2018	191,034	11,193,118	170.67	10,211,213.7
2019	198,241	11,400,096	173.89	10,376,738.1
2020	192,700	11,886,664	162.11	10,338,587.2
2021	9,477	933,262	101.55	148,357.8

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<b><i>Nephrotic Syndrome Defined as the Presence of One Diagnosis Code in an Inpatient or Institutional Stay Setting or Two Diagnosis Codes in an Ambulatory Care Setting with the Second Code Occurring One to 183 Days After the First Code, 183 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19, Female</i>				
2016	*****	7,015,097	0.53	1,664,951.7
2017	687	8,193,734	0.84	6,457,753.3
2018	692	8,067,644	0.86	6,378,024.0
2019	698	8,100,432	0.86	6,242,738.1
2020	573	6,929,486	0.83	4,902,165.3
2021	*****	78,072	0.26	12,235.5
<i>Aged 0-19, Male</i>				
2016	*****	7,343,920	0.78	1,742,728.8
2017	959	8,564,352	1.12	6,753,114.4
2018	997	8,433,100	1.18	6,670,345.7
2019	1,018	8,467,328	1.20	6,528,096.9
2020	794	7,248,299	1.10	5,128,007.4
2021	*****	82,742	0.60	12,965.1
<i>Aged 20-29, Female</i>				
2016	*****	4,448,421	0.56	1,015,191.8
2017	601	5,776,468	1.04	3,992,474.9
2018	569	5,729,152	0.99	3,976,193.7
2019	565	5,744,915	0.98	3,898,427.9
2020	452	5,062,931	0.89	3,211,256.4
2021	*****	56,475	0.71	8,660.5
<i>Aged 20-29, Male</i>				
2016	*****	4,473,863	0.55	1,022,575.3
2017	474	5,799,204	0.82	4,017,187.8
2018	502	5,758,349	0.87	3,997,096.0
2019	512	5,773,041	0.89	3,928,433.5
2020	445	5,158,928	0.86	3,286,275.0
2021	*****	53,589	0.75	8,238.7
<i>Aged 30-39, Female</i>				
2016	408	4,864,576	0.84	1,128,951.0
2017	898	6,016,731	1.49	4,409,458.8
2018	937	5,982,280	1.57	4,401,167.5
2019	956	6,040,023	1.58	4,326,055.5
2020	798	5,359,121	1.49	3,598,304.0
2021	11	78,423	1.40	12,146.5
<i>Aged 30-39, Male</i>				
2016	*****	4,723,104	0.76	1,093,285.5
2017	726	5,887,066	1.23	4,280,155.1
2018	782	5,870,861	1.33	4,282,258.9
2019	804	5,911,029	1.36	4,199,990.0
2020	729	5,316,574	1.37	3,560,770.1
2021	*****	75,246	1.06	11,661.3

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

<b>Age Group (Years)</b>	<b>Patients Meeting Disease Definition</b>	<b>Eligible Members<sup>1</sup></b>	<b>Patients Meeting Disease Definition per 10,000 Eligible Members</b>	<b>Eligible Member Years<sup>1</sup></b>
<i>Aged 40-49, Female</i>				
2016	499	5,218,028	0.96	1,225,524.1
2017	1,099	6,197,945	1.77	4,735,110.4
2018	1,161	6,060,161	1.92	4,653,640.9
2019	1,161	6,053,353	1.92	4,520,683.7
2020	954	5,409,100	1.76	3,758,810.0
2021	14	104,819	1.34	16,257.5
<i>Aged 40-49, Male</i>				
2016	583	5,062,763	1.15	1,187,224.3
2017	1,226	6,037,651	2.03	4,593,441.9
2018	1,319	5,922,231	2.23	4,523,799.8
2019	1,328	5,895,383	2.25	4,381,678.4
2020	1,111	5,288,451	2.10	3,668,644.6
2021	12	96,630	1.24	15,009.1
<i>Aged 50-59, Female</i>				
2016	734	6,177,304	1.19	1,461,626.6
2017	1,618	7,144,101	2.26	5,599,994.4
2018	1,572	6,893,769	2.28	5,430,373.1
2019	1,543	6,824,729	2.26	5,223,109.7
2020	1,303	6,144,002	2.12	4,373,191.7
2021	27	194,732	1.39	30,312.5
<i>Aged 50-59, Male</i>				
2016	993	5,918,212	1.68	1,398,965.0
2017	2,155	6,873,439	3.14	5,377,503.6
2018	2,221	6,663,426	3.33	5,231,714.6
2019	2,195	6,588,757	3.33	5,030,720.8
2020	1,791	5,939,225	3.02	4,228,285.2
2021	41	179,387	2.29	27,937.9
<i>Aged 60-69, Female</i>				
2016	1,292	8,827,837	1.46	2,073,400.1
2017	2,765	10,242,930	2.70	7,987,214.8
2018	2,888	10,184,886	2.84	7,983,406.0
2019	2,955	10,363,371	2.85	7,989,635.9
2020	2,566	10,021,337	2.56	7,522,245.7
2021	68	604,376	1.13	94,393.5
<i>Aged 60-69, Male</i>				
2016	1,782	7,968,182	2.24	1,866,822.4
2017	3,775	9,291,513	4.06	7,217,467.0
2018	3,934	9,265,925	4.25	7,229,768.6
2019	4,013	9,428,334	4.26	7,240,744.4
2020	3,620	9,129,581	3.97	6,801,835.2
2021	96	527,550	1.82	82,397.5
<i>Aged 70+, Female</i>				
2016	1,939	14,053,787	1.38	3,460,738.0
2017	4,235	14,987,806	2.83	13,608,119.5
2018	4,497	15,217,295	2.96	13,777,275.8
2019	4,617	15,548,411	2.97	13,970,070.3
2020	4,259	15,597,635	2.73	13,836,827.3
2021	138	1,212,423	1.14	193,014.7

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 70+, Male</i>				
2016	2,600	10,515,865	2.47	2,580,907.1
2017	5,602	11,379,251	4.92	10,225,983.5
2018	6,038	11,653,515	5.18	10,452,033.1
2019	6,276	11,988,649	5.23	10,684,072.5
2020	5,583	12,109,016	4.61	10,652,014.3
2021	153	963,351	1.59	153,230.0
<b><i>Nephrotic Syndrome Defined as the Presence of One Diagnosis Code, No Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19, Female</i>				
2016	*****	7,881,735	0.67	1,896,664.8
2017	1,085	9,388,723	1.16	7,575,731.3
2018	1,071	9,304,687	1.15	7,446,984.5
2019	1,137	9,381,315	1.21	7,363,722.8
2020	846	7,872,896	1.07	5,730,625.8
2021	*****	93,719	0.43	14,669.5
<i>Aged 0-19, Male</i>				
2016	*****	8,241,663	0.96	1,983,023.9
2017	1,478	9,808,592	1.51	7,918,175.2
2018	1,480	9,718,182	1.52	7,784,643.9
2019	1,503	9,796,178	1.53	7,697,832.3
2020	1,198	8,238,578	1.45	5,995,272.7
2021	*****	99,160	0.71	15,520.9
<i>Aged 20-29, Female</i>				
2016	*****	5,251,887	0.87	1,224,903.4
2017	1,254	6,943,464	1.81	4,955,464.5
2018	1,185	6,934,043	1.71	4,887,156.4
2019	1,192	7,016,408	1.70	4,851,791.7
2020	929	5,999,100	1.55	3,928,897.0
2021	*****	73,630	0.68	11,306.9
<i>Aged 20-29, Male</i>				
2016	*****	5,279,080	0.73	1,229,430.0
2017	949	6,990,492	1.36	4,969,958.8
2018	1,045	6,989,116	1.50	4,913,514.5
2019	1,057	7,032,741	1.50	4,871,142.5
2020	843	6,104,787	1.38	3,989,552.2
2021	*****	70,621	0.85	10,824.2
<i>Aged 30-39, Female</i>				
2016	753	5,469,544	1.38	1,290,801.0
2017	1,901	6,870,236	2.77	5,200,990.6
2018	1,968	6,870,228	2.86	5,155,824.5
2019	2,000	6,974,927	2.87	5,118,407.8
2020	1,586	6,095,628	2.60	4,222,093.1
2021	23	98,527	2.33	15,203.3

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 30-39, Male</i>				
2016	620	5,360,973	1.16	1,259,385.7
2017	1,589	6,806,714	2.33	5,086,481.1
2018	1,673	6,811,412	2.46	5,053,981.2
2019	1,699	6,879,708	2.47	4,999,980.3
2020	1,441	6,079,753	2.37	4,177,548.6
2021	19	95,033	2.00	14,669.8
<i>Aged 40-49, Female</i>				
2016	890	5,685,291	1.57	1,352,337.3
2017	2,388	6,857,512	3.48	5,394,932.8
2018	2,521	6,742,121	3.74	5,256,371.8
2019	2,593	6,771,478	3.83	5,164,068.2
2020	2,025	5,988,418	3.38	4,263,563.2
2021	27	131,315	2.06	20,265.0
<i>Aged 40-49, Male</i>				
2016	1,039	5,547,864	1.87	1,315,710.8
2017	2,604	6,725,292	3.87	5,253,724.0
2018	2,716	6,623,558	4.10	5,131,530.1
2019	2,790	6,614,436	4.22	5,020,359.8
2020	2,292	5,865,417	3.91	4,159,913.3
2021	28	120,688	2.32	18,640.9
<i>Aged 50-59, Female</i>				
2016	1,346	6,614,127	2.04	1,583,867.0
2017	3,410	7,749,631	4.40	6,267,574.2
2018	3,451	7,510,494	4.59	6,011,503.5
2019	3,369	7,495,999	4.49	5,871,223.5
2020	2,839	6,722,401	4.22	4,888,266.8
2021	69	246,845	2.80	38,137.5
<i>Aged 50-59, Male</i>				
2016	1,781	6,357,780	2.80	1,519,902.4
2017	4,597	7,478,626	6.15	6,024,303.6
2018	4,713	7,273,281	6.48	5,804,287.3
2019	4,619	7,228,560	6.39	5,657,859.7
2020	3,875	6,490,956	5.97	4,720,554.7
2021	87	226,759	3.84	35,066.7
<i>Aged 60-69, Female</i>				
2016	2,364	9,542,281	2.48	2,283,014.4
2017	6,074	11,205,299	5.42	8,977,177.6
2018	6,102	11,207,454	5.44	8,943,181.7
2019	6,314	11,507,012	5.49	9,072,162.5
2020	5,557	11,168,954	4.98	8,550,311.2
2021	161	832,064	1.93	129,078.6
<i>Aged 60-69, Male</i>				
2016	3,167	8,617,224	3.68	2,059,732.4
2017	8,085	10,172,846	7.95	8,115,639.7
2018	8,203	10,203,161	8.04	8,110,879.0
2019	8,565	10,473,465	8.18	8,227,835.7
2020	7,504	10,182,642	7.37	7,746,622.4
2021	211	721,129	2.93	111,882.1

**Table 8. Occurrence of Glomerular Diseases in the Sentinel Distributed Database (SDD) between October 1, 2016 and May 10, 2021, by Age Group, Sex, and Year; Cohort Re-Entry Allowed Once Each Age Group-Sex-Year Combination**

Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 70+, Female</i>				
2016	3,449	14,179,933	2.43	3,499,404.5
2017	9,095	15,184,065	5.99	13,907,334.9
2018	9,637	15,453,319	6.24	14,102,224.1
2019	9,949	15,827,748	6.29	14,382,928.3
2020	8,928	15,956,336	5.60	14,285,044.7
2021	273	1,460,498	1.87	230,560.6
<i>Aged 70+, Male</i>				
2016	4,515	10,616,618	4.25	2,613,255.9
2017	11,394	11,536,536	9.88	10,469,190.6
2018	12,031	11,845,021	10.16	10,714,988.7
2019	12,463	12,213,525	10.20	11,013,814.2
2020	11,072	12,398,577	8.93	11,009,960.0
2021	314	1,147,825	2.74	181,256.3
<b><i>Nephrotic Syndrome Defined as the Presence of One Diagnosis Code in an Inpatient or Institutional Stay Setting or Two Diagnosis Codes in an Ambulatory Care Setting with the Second Code Occurring One to 365 Days After the First Code, 365 Days of Pre-Diagnosis Enrollment Required</i></b>				
<i>Aged 0-19, Female</i>				
2016	*****	6,253,724	0.56	1,372,448.1
2017	646	6,635,384	0.97	5,527,202.5
2018	656	6,612,813	0.99	5,516,257.3
2019	679	6,513,567	1.04	5,332,422.5
2020	542	6,046,924	0.90	4,228,595.3
2021	*****	67,790	0.30	10,616.3
<i>Aged 0-19, Male</i>				
2016	*****	6,544,268	0.81	1,436,077.0
2017	902	6,942,746	1.30	5,782,725.0
2018	936	6,917,181	1.35	5,770,064.1
2019	942	6,811,891	1.38	5,577,530.6
2020	762	6,326,617	1.20	4,425,280.5
2021	*****	71,621	0.56	11,222.4
<i>Aged 20-29, Female</i>				
2016	*****	3,810,404	0.59	799,708.0
2017	539	4,408,065	1.22	3,234,130.3
2018	526	4,475,073	1.18	3,283,954.2
2019	503	4,388,725	1.15	3,175,716.3
2020	407	4,260,750	0.96	2,635,586.6
2021	*****	46,663	0.64	7,161.7
<i>Aged 20-29, Male</i>				
2016	*****	3,836,790	0.53	807,719.5
2017	448	4,448,913	1.01	3,275,552.7
2018	469	4,489,742	1.04	3,311,466.4
2019	491	4,424,756	1.11	3,214,154.7
2020	411	4,357,938	0.94	2,733,329.5
2021	*****	44,199	0.68	6,791.9



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Age Group (Years)	Patients Meeting Disease Definition	Eligible Members <sup>1</sup>	Patients Meeting Disease Definition per 10,000 Eligible Members	Eligible Member Years <sup>1</sup>
<i>Aged 30-39, Female</i>				
2016	385	4,290,132	0.90	917,051.6
2017	884	4,824,646	1.83	3,736,871.5
2018	919	4,874,876	1.89	3,784,520.1
2019	928	4,842,847	1.92	3,677,192.1
2020	772	4,660,607	1.66	3,080,340.8
2021	11	67,278	1.64	10,418.1
<i>Aged 30-39, Male</i>				
2016	*****	4,127,387	0.80	882,805.6
2017	714	4,687,987	1.52	3,610,032.7
2018	751	4,741,049	1.58	3,663,870.1
2019	777	4,704,844	1.65	3,555,605.1
2020	691	4,606,058	1.50	3,059,589.5
2021	*****	63,918	0.94	9,906.7
<i>Aged 40-49, Female</i>				
2016	491	4,746,945	1.03	1,035,572.8
2017	1,092	5,168,819	2.11	4,159,183.2
2018	1,164	5,149,914	2.26	4,152,040.1
2019	1,167	5,050,316	2.31	3,984,499.4
2020	967	4,855,340	1.99	3,347,151.9
2021	13	91,300	1.42	14,148.0
<i>Aged 40-49, Male</i>				
2016	547	4,582,527	1.19	1,000,429.9
2017	1,213	5,019,110	2.42	4,024,696.3
2018	1,296	5,007,294	2.59	4,024,405.3
2019	1,313	4,898,904	2.68	3,852,138.9
2020	1,121	4,735,867	2.37	3,271,979.1
2021	13	83,898	1.55	13,011.8
<i>Aged 50-59, Female</i>				
2016	723	5,699,189	1.27	1,261,180.7
2017	1,629	6,079,777	2.68	5,002,445.4
2018	1,556	6,000,534	2.59	4,931,661.7
2019	1,563	5,796,195	2.70	4,678,588.4
2020	1,350	5,594,184	2.41	3,960,765.4
2021	27	170,704	1.58	26,520.9
<i>Aged 50-59, Male</i>				
2016	961	5,447,018	1.76	1,208,037.1
2017	2,141	5,851,306	3.66	4,801,407.1
2018	2,198	5,783,847	3.80	4,745,017.0
2019	2,165	5,588,874	3.87	4,499,938.7
2020	1,807	5,401,507	3.35	3,835,102.6
2021	38	158,202	2.40	24,584.1

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<b>Age Group (Years)</b>	<b>Patients Meeting Disease Definition</b>	<b>Eligible Members<sup>1</sup></b>	<b>Patients Meeting Disease Definition per 10,000 Eligible Members</b>	<b>Eligible Member Years<sup>1</sup></b>
<i>Aged 60-69, Female</i>				
2016	1,279	8,028,118	1.59	1,815,008.0
2017	2,753	8,844,690	3.11	7,088,117.9
2018	2,858	8,879,336	3.22	7,130,998.7
2019	2,918	8,846,793	3.30	7,050,707.9
2020	2,548	9,057,921	2.81	6,648,978.6
2021	68	533,933	1.27	83,222.6
<i>Aged 60-69, Male</i>				
2016	1,755	7,229,844	2.43	1,634,282.4
2017	3,769	8,012,535	4.70	6,404,227.1
2018	3,869	8,048,455	4.81	6,454,372.0
2019	3,981	8,028,253	4.96	6,390,144.9
2020	3,636	8,217,774	4.42	6,011,356.0
2021	104	465,916	2.23	72,610.7
<i>Aged 70+, Female</i>				
2016	2,093	13,891,604	1.51	3,364,892.1
2017	4,525	14,464,831	3.13	13,314,300.9
2018	4,841	14,656,903	3.30	13,483,247.6
2019	5,002	14,819,536	3.38	13,589,284.0
2020	4,604	15,331,831	3.00	13,445,317.3
2021	148	1,174,042	1.26	186,786.0
<i>Aged 70+, Male</i>				
2016	2,775	10,379,546	2.67	2,503,701.7
2017	6,042	10,946,989	5.52	9,985,004.5
2018	6,458	11,193,118	5.77	10,211,213.7
2019	6,719	11,400,096	5.89	10,376,738.1
2020	6,031	11,886,664	5.07	10,338,587.2
2021	169	933,262	1.81	148,357.8

<sup>1</sup>Eligible Members and Member-years are reflective of the number of patients that met all cohort entry criteria on at least one day during the query period.

\*\*\*\*\*Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

**Appendix A. Start and End Dates for Each Data Partner up to Request End Date (05/10/2021)**

<b>Masked ID</b>	<b>DP Start Date*</b>	<b>DP End Date*</b>
DP01	01/01/2008	12/31/2020
DP02	01/01/2007	02/28/2021
DP03	01/01/2006	08/31/2020
DP04	01/01/2000	12/31/2019
DP05	01/01/2000	07/31/2019
DP06	01/01/2008	12/31/2020
DP07	01/01/2010	12/31/2020

\*The start and end dates are based on the minimum and maximum dates within each DP. The month with the maximum date must have at least 80% of the number of records in the previous month.

**Appendix B. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Glomerular Diseases In this Request**

Code	Description	Code Category	Code Type
<b>Original Focal Segmental Glomerulosclerosis</b>			
N04.1	Nephrotic syndrome with focal and segmental glomerular lesions	Diagnosis	ICD-10-CM
N06.1	Isolated proteinuria with focal and segmental glomerular lesions	Diagnosis	ICD-10-CM
N07.1	Hereditary nephropathy, not elsewhere classified with focal and segmental glomerular lesions	Diagnosis	ICD-10-CM
<b>Expanded Focal Segmental Glomerulosclerosis</b>			
N00.1	Acute nephritic syndrome with focal and segmental glomerular lesions	Diagnosis	ICD-10-CM
N01.1	Rapidly progressive nephritic syndrome with focal and segmental glomerular lesions	Diagnosis	ICD-10-CM
N02.1	Recurrent and persistent hematuria with focal and segmental glomerular lesions	Diagnosis	ICD-10-CM
N03.1	Chronic nephritic syndrome with focal and segmental glomerular lesions	Diagnosis	ICD-10-CM
N04.1	Nephrotic syndrome with focal and segmental glomerular lesions	Diagnosis	ICD-10-CM
N05.1	Unspecified nephritic syndrome with focal and segmental glomerular lesions	Diagnosis	ICD-10-CM
N06.1	Isolated proteinuria with focal and segmental glomerular lesions	Diagnosis	ICD-10-CM
N07.1	Hereditary nephropathy, not elsewhere classified with focal and segmental glomerular lesions	Diagnosis	ICD-10-CM
<b>Original Membranous Nephropathy</b>			
N04.2	Nephrotic syndrome with diffuse membranous glomerulonephritis	Diagnosis	ICD-10-CM
N06.2	Isolated proteinuria with diffuse membranous glomerulonephritis	Diagnosis	ICD-10-CM
N07.2	Hereditary nephropathy, not elsewhere classified with diffuse membranous glomerulonephritis	Diagnosis	ICD-10-CM
<b>Expanded Membranous Nephropathy</b>			
N00.2	Acute nephritic syndrome with diffuse membranous glomerulonephritis	Diagnosis	ICD-10-CM
N01.2	Rapidly progressive nephritic syndrome with diffuse membranous glomerulonephritis	Diagnosis	ICD-10-CM
N02.2	Recurrent and persistent hematuria with diffuse membranous glomerulonephritis	Diagnosis	ICD-10-CM
N03.2	Chronic nephritic syndrome with diffuse membranous glomerulonephritis	Diagnosis	ICD-10-CM
N04.2	Nephrotic syndrome with diffuse membranous glomerulonephritis	Diagnosis	ICD-10-CM
N05.2	Unspecified nephritic syndrome with diffuse membranous glomerulonephritis	Diagnosis	ICD-10-CM
N06.2	Isolated proteinuria with diffuse membranous glomerulonephritis	Diagnosis	ICD-10-CM
N07.2	Hereditary nephropathy, not elsewhere classified with diffuse membranous glomerulonephritis	Diagnosis	ICD-10-CM
<b>Original Minimal Change Disease</b>			
N04.0	Nephrotic syndrome with minor glomerular abnormality	Diagnosis	ICD-10-CM
N06.0	Isolated proteinuria with minor glomerular abnormality	Diagnosis	ICD-10-CM
<b>Expanded Minimal Change Disease</b>			
N00.0	Acute nephritic syndrome with minor glomerular abnormality	Diagnosis	ICD-10-CM
N01.0	Rapidly progressive nephritic syndrome with minor glomerular abnormality	Diagnosis	ICD-10-CM
N02.0	Recurrent and persistent hematuria with minor glomerular abnormality	Diagnosis	ICD-10-CM
N03.0	Chronic nephritic syndrome with minor glomerular abnormality	Diagnosis	ICD-10-CM
N04.0	Nephrotic syndrome with minor glomerular abnormality	Diagnosis	ICD-10-CM
N05.0	Unspecified nephritic syndrome with minor glomerular abnormality	Diagnosis	ICD-10-CM
N06.0	Isolated proteinuria with minor glomerular abnormality	Diagnosis	ICD-10-CM
N07.0	Hereditary nephropathy, not elsewhere classified with minor glomerular abnormality	Diagnosis	ICD-10-CM
<b>Membranoproliferative Glomerulonephritis</b>			
N00.5	Acute nephritic syndrome with diffuse mesangiocapillary glomerulonephritis	Diagnosis	ICD-10-CM
N01.5	Rapidly progressive nephritic syndrome with diffuse mesangiocapillary glomerulonephritis	Diagnosis	ICD-10-CM
N02.5	Recurrent and persistent hematuria with diffuse mesangiocapillary glomerulonephritis	Diagnosis	ICD-10-CM

**Appendix B. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Glomerular Diseases In this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
N03.5	Chronic nephritic syndrome with diffuse mesangiocapillary glomerulonephritis	Diagnosis	ICD-10-CM
N04.5	Nephrotic syndrome with diffuse mesangiocapillary glomerulonephritis	Diagnosis	ICD-10-CM
N05.5	Unspecified nephritic syndrome with diffuse mesangiocapillary glomerulonephritis	Diagnosis	ICD-10-CM
N06.5	Isolated proteinuria with diffuse mesangiocapillary glomerulonephritis	Diagnosis	ICD-10-CM
N07.5	Hereditary nephropathy, not elsewhere classified with diffuse mesangiocapillary glomerulonephritis	Diagnosis	ICD-10-CM
<b>Crescentic/Necrotizing Glomerulonephritis</b>			
N00.7	Acute nephritic syndrome with diffuse crescentic glomerulonephritis	Diagnosis	ICD-10-CM
N01.7	Rapidly progressive nephritic syndrome with diffuse crescentic glomerulonephritis	Diagnosis	ICD-10-CM
N02.7	Recurrent and persistent hematuria with diffuse crescentic glomerulonephritis	Diagnosis	ICD-10-CM
N03.7	Chronic nephritic syndrome with diffuse crescentic glomerulonephritis	Diagnosis	ICD-10-CM
N04.7	Nephrotic syndrome with diffuse crescentic glomerulonephritis	Diagnosis	ICD-10-CM
N05.7	Unspecified nephritic syndrome with diffuse crescentic glomerulonephritis	Diagnosis	ICD-10-CM
N06.7	Isolated proteinuria with diffuse crescentic glomerulonephritis	Diagnosis	ICD-10-CM
N07.7	Hereditary nephropathy, not elsewhere classified with diffuse crescentic glomerulonephritis	Diagnosis	ICD-10-CM
<b>Lupus Nephritis</b>			
M32.14	Glomerular disease in systemic lupus erythematosus	Diagnosis	ICD-10-CM
<b>Diabetic Nephropathy</b>			
E08.21	Diabetes mellitus due to underlying condition with diabetic nephropathy	Diagnosis	ICD-10-CM
E09.21	Drug or chemical induced diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E10.21	Type 1 diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E11.21	Type 2 diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E13.21	Other specified diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
<b>Nephrotic Syndrome</b>			
N04	Nephrotic syndrome	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
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
<b>Renal Biopsy</b>			
50200	Renal biopsy; percutaneous, by trocar or needle	Procedure	CPT-4
50205	Renal biopsy; by surgical exposure of kidney	Procedure	CPT-4
50555	Renal endoscopy through established nephrostomy or pyelostomy, with or without irrigation, instillation, or ureteropyelography, exclusive of radiologic service; with biopsy	Procedure	CPT-4
50574	Renal endoscopy through nephrotomy or pyelotomy, with or without irrigation, instillation, or ureteropyelography, exclusive of radiologic service; with biopsy	Procedure	CPT-4

**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

Code	Description	Code Category	Code Type
<b>Diabetes</b>			
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
E08.10	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
E08.21	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
E08.311	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
E08.321	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
E08.331	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

**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
E08.3393	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E08.3399	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	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
E08.351	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
E08.3521	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
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
E08.3531	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

**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
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
E08.3541	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
E08.3551	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
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
E08.37X1	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
E08.40	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



**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
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
E08.610	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
E08.620	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
E08.630	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
E08.641	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
E09.00	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
E09.10	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
E09.21	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
E09.311	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
E09.321	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
E09.3293	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM

**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
E09.3299	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	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
E09.341	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
E09.3499	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	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

**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
E09.3519	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye	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
E09.3531	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
E09.3541	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
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
E09.3551	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

**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
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
E09.40	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
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
E09.51	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
E09.610	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
E09.620	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
E09.630	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
E09.641	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
E10.10	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
E10.21	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
E10.311	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
E10.321	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM

**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
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
E10.331	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
E10.341	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
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

**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
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
E10.351	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
E10.359	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E10.36	Type 1 diabetes mellitus with diabetic cataract	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
E10.40	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
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
E10.51	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
E10.610	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
E10.620	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
E10.630	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
E10.641	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



**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
E10.9	Type 1 diabetes mellitus without complications	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
E11.10	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
E11.21	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
E11.311	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
E11.321	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
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
E11.331	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

**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
E11.3399	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	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
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
E11.351	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
E11.3521	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
E11.3531	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
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



**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

Code	Description	Code Category	Code Type
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
E11.3551	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
E11.37X1	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
E11.40	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
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
E11.610	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
E11.620	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
E11.630	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
E11.641	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

**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
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
E13.00	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
E13.10	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
E13.21	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
E13.311	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
E13.321	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
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
E13.331	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

**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
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
E13.341	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
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
E13.351	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
E13.3521	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
E13.3531	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

**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

Code	Description	Code Category	Code Type
E13.3539	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye	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
E13.3551	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
E13.36	Other specified diabetes mellitus with diabetic cataract	Diagnosis	ICD-10-CM
E13.39	Other specified diabetes mellitus with other diabetic ophthalmic complication	Diagnosis	ICD-10-CM
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
E13.51	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
E13.610	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
E13.620	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
E13.630	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
E13.641	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
<b>Systemic Lupus Erythematosus</b>			
M32	Systemic lupus erythematosus (SLE)	Diagnosis	ICD-10-CM

**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

Code	Description	Code Category	Code Type
M32.0	Drug-induced systemic lupus erythematosus	Diagnosis	ICD-10-CM
M32.1	Systemic lupus erythematosus with organ or system involvement	Diagnosis	ICD-10-CM
M32.10	Systemic lupus erythematosus, organ or system involvement unspecified	Diagnosis	ICD-10-CM
M32.11	Endocarditis in systemic lupus erythematosus	Diagnosis	ICD-10-CM
M32.12	Pericarditis in systemic lupus erythematosus	Diagnosis	ICD-10-CM
M32.13	Lung involvement in systemic lupus erythematosus	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
M32.19	Other organ or system involvement in systemic lupus erythematosus	Diagnosis	ICD-10-CM
M32.8	Other forms of systemic lupus erythematosus	Diagnosis	ICD-10-CM
M32.9	Systemic lupus erythematosus, unspecified	Diagnosis	ICD-10-CM
<b>Cancer</b>			
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
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

**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

Code	Description	Code Category	Code Type
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
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



**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
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
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

**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
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
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 C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes 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
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

**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
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
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

**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

Code	Description	Code Category	Code Type
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		
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		
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		
C49.21	Malignant neoplasm of connective and soft tissue of right lower limb, including hip	Diagnosis	ICD-10-CM
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

**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

Code	Description	Code Category	Code Type
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
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

**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
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
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



**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

Code	Description	Code Category	Code Type
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
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

**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

Code	Description	Code Category	Code Type
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
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

**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
C67.6	Malignant neoplasm of ureteric orifice	Diagnosis	ICD-10-CM
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
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



**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
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		
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
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

**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
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
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

**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

Code	Description	Code Category	Code Type
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
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

**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

Code	Description	Code Category	Code Type
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		
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
C81.04	Nodular lymphocyte predominant Hodgkin lymphoma, lymph nodes of axilla and upper limb		
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

**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

Code	Description	Code Category	Code Type
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
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



**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
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
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		
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

**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
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
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 C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
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
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



**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

Code	Description	Code Category	Code Type
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
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

**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

Code	Description	Code Category	Code Type
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		
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		
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
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		
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		
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

**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

Code	Description	Code Category	Code Type
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
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

**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

Code	Description	Code Category	Code Type
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
	Other specified types of non-Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C85.85			
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
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
	Extranodal marginal zone B-cell lymphoma of mucosa-associated lymphoid tissue [MALT-lymphoma]	Diagnosis	ICD-10-CM
C88.4			
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

**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

Code	Description	Code Category	Code Type
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
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



**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

Code	Description	Code Category	Code Type
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
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

**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

Code	Description	Code Category	Code Type
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
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		
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
C96.6	Unifocal Langerhans-cell histiocytosis	Diagnosis	ICD-10-CM

**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

Code	Description	Code Category	Code Type
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
C97	Malignant neoplasms of independent (primary) multiple sites	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
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
<b>Hypertension</b>			
H35.031	Hypertensive retinopathy, right eye	Diagnosis	ICD-10-CM
H35.032	Hypertensive retinopathy, left eye	Diagnosis	ICD-10-CM
H35.033	Hypertensive retinopathy, bilateral	Diagnosis	ICD-10-CM
H35.039	Hypertensive retinopathy, unspecified eye	Diagnosis	ICD-10-CM
I10	Essential (primary) hypertension	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
I12.0	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



**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

Code	Description	Code Category	Code Type
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
I15.0	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
I67.4	Hypertensive encephalopathy	Diagnosis	ICD-10-CM
N26.2	Page kidney	Diagnosis	ICD-10-CM
<b>Chronic Kidney Disease</b>			
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
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
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
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
E13.29	Other specified diabetes mellitus with other diabetic kidney complication	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
I13.0	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
I13.10	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
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

**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
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
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

**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

Code	Description	Code Category	Code Type
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
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
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
<b>Acute Kidney Injury (failure)</b>			
N17.0	Acute kidney failure with tubular necrosis	Diagnosis	ICD-10-CM
N17.1	Acute kidney failure with 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
<b>Systematic Immunologic Diseases</b>			
D69.0	Allergic purpura	Diagnosis	ICD-10-CM
D69.1	Qualitative platelet defects	Diagnosis	ICD-10-CM
D69.2	Other nonthrombocytopenic purpura	Diagnosis	ICD-10-CM
D69.3	Immune thrombocytopenic purpura	Diagnosis	ICD-10-CM
D69.41	Evans syndrome	Diagnosis	ICD-10-CM
D69.42	Congenital and hereditary thrombocytopenia purpura	Diagnosis	ICD-10-CM
D69.49	Other primary thrombocytopenia	Diagnosis	ICD-10-CM

**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

Code	Description	Code Category	Code Type
D69.51	Posttransfusion purpura	Diagnosis	ICD-10-CM
D69.59	Other secondary thrombocytopenia	Diagnosis	ICD-10-CM
D69.6	Thrombocytopenia, unspecified	Diagnosis	ICD-10-CM
D69.8	Other specified hemorrhagic conditions	Diagnosis	ICD-10-CM
D69.9	Hemorrhagic condition, unspecified	Diagnosis	ICD-10-CM
M04.9	Autoinflammatory syndrome, unspecified	Diagnosis	ICD-10-CM
M05.00	Felty's syndrome, unspecified site	Diagnosis	ICD-10-CM
M05.011	Felty's syndrome, right shoulder	Diagnosis	ICD-10-CM
M05.012	Felty's syndrome, left shoulder	Diagnosis	ICD-10-CM
M05.019	Felty's syndrome, unspecified shoulder	Diagnosis	ICD-10-CM
M05.021	Felty's syndrome, right elbow	Diagnosis	ICD-10-CM
M05.022	Felty's syndrome, left elbow	Diagnosis	ICD-10-CM
M05.029	Felty's syndrome, unspecified elbow	Diagnosis	ICD-10-CM
M05.031	Felty's syndrome, right wrist	Diagnosis	ICD-10-CM
M05.032	Felty's syndrome, left wrist	Diagnosis	ICD-10-CM
M05.039	Felty's syndrome, unspecified wrist	Diagnosis	ICD-10-CM
M05.041	Felty's syndrome, right hand	Diagnosis	ICD-10-CM
M05.042	Felty's syndrome, left hand	Diagnosis	ICD-10-CM
M05.049	Felty's syndrome, unspecified hand	Diagnosis	ICD-10-CM
M05.051	Felty's syndrome, right hip	Diagnosis	ICD-10-CM
M05.052	Felty's syndrome, left hip	Diagnosis	ICD-10-CM
M05.059	Felty's syndrome, unspecified hip	Diagnosis	ICD-10-CM
M05.061	Felty's syndrome, right knee	Diagnosis	ICD-10-CM
M05.062	Felty's syndrome, left knee	Diagnosis	ICD-10-CM
M05.069	Felty's syndrome, unspecified knee	Diagnosis	ICD-10-CM
M05.071	Felty's syndrome, right ankle and foot	Diagnosis	ICD-10-CM
M05.072	Felty's syndrome, left ankle and foot	Diagnosis	ICD-10-CM
M05.079	Felty's syndrome, unspecified ankle and foot	Diagnosis	ICD-10-CM
M05.09	Felty's syndrome, multiple sites	Diagnosis	ICD-10-CM
M05.20	Rheumatoid vasculitis with rheumatoid arthritis of unspecified site	Diagnosis	ICD-10-CM
M05.211	Rheumatoid vasculitis with rheumatoid arthritis of right shoulder	Diagnosis	ICD-10-CM
M05.212	Rheumatoid vasculitis with rheumatoid arthritis of left shoulder	Diagnosis	ICD-10-CM
M05.219	Rheumatoid vasculitis with rheumatoid arthritis of unspecified shoulder	Diagnosis	ICD-10-CM
M05.221	Rheumatoid vasculitis with rheumatoid arthritis of right elbow	Diagnosis	ICD-10-CM
M05.222	Rheumatoid vasculitis with rheumatoid arthritis of left elbow	Diagnosis	ICD-10-CM
M05.229	Rheumatoid vasculitis with rheumatoid arthritis of unspecified elbow	Diagnosis	ICD-10-CM
M05.231	Rheumatoid vasculitis with rheumatoid arthritis of right wrist	Diagnosis	ICD-10-CM
M05.232	Rheumatoid vasculitis with rheumatoid arthritis of left wrist	Diagnosis	ICD-10-CM
M05.239	Rheumatoid vasculitis with rheumatoid arthritis of unspecified wrist	Diagnosis	ICD-10-CM
M05.241	Rheumatoid vasculitis with rheumatoid arthritis of right hand	Diagnosis	ICD-10-CM
M05.242	Rheumatoid vasculitis with rheumatoid arthritis of left hand	Diagnosis	ICD-10-CM
M05.249	Rheumatoid vasculitis with rheumatoid arthritis of unspecified hand	Diagnosis	ICD-10-CM
M05.251	Rheumatoid vasculitis with rheumatoid arthritis of right hip	Diagnosis	ICD-10-CM
M05.252	Rheumatoid vasculitis with rheumatoid arthritis of left hip	Diagnosis	ICD-10-CM
M05.259	Rheumatoid vasculitis with rheumatoid arthritis of unspecified hip	Diagnosis	ICD-10-CM
M05.261	Rheumatoid vasculitis with rheumatoid arthritis of right knee	Diagnosis	ICD-10-CM
M05.262	Rheumatoid vasculitis with rheumatoid arthritis of left knee	Diagnosis	ICD-10-CM
M05.269	Rheumatoid vasculitis with rheumatoid arthritis of unspecified knee	Diagnosis	ICD-10-CM
M05.271	Rheumatoid vasculitis with rheumatoid arthritis of right ankle and foot	Diagnosis	ICD-10-CM
M05.272	Rheumatoid vasculitis with rheumatoid arthritis of left ankle and foot	Diagnosis	ICD-10-CM
M05.279	Rheumatoid vasculitis with rheumatoid arthritis of unspecified ankle and foot	Diagnosis	ICD-10-CM

**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
M05.29	Rheumatoid vasculitis with rheumatoid arthritis of multiple sites	Diagnosis	ICD-10-CM
M05.30	Rheumatoid heart disease with rheumatoid arthritis of unspecified site	Diagnosis	ICD-10-CM
M05.311	Rheumatoid heart disease with rheumatoid arthritis of right shoulder	Diagnosis	ICD-10-CM
M05.312	Rheumatoid heart disease with rheumatoid arthritis of left shoulder	Diagnosis	ICD-10-CM
M05.319	Rheumatoid heart disease with rheumatoid arthritis of unspecified shoulder	Diagnosis	ICD-10-CM
M05.321	Rheumatoid heart disease with rheumatoid arthritis of right elbow	Diagnosis	ICD-10-CM
M05.322	Rheumatoid heart disease with rheumatoid arthritis of left elbow	Diagnosis	ICD-10-CM
M05.329	Rheumatoid heart disease with rheumatoid arthritis of unspecified elbow	Diagnosis	ICD-10-CM
M05.331	Rheumatoid heart disease with rheumatoid arthritis of right wrist	Diagnosis	ICD-10-CM
M05.332	Rheumatoid heart disease with rheumatoid arthritis of left wrist	Diagnosis	ICD-10-CM
M05.339	Rheumatoid heart disease with rheumatoid arthritis of unspecified wrist	Diagnosis	ICD-10-CM
M05.341	Rheumatoid heart disease with rheumatoid arthritis of right hand	Diagnosis	ICD-10-CM
M05.342	Rheumatoid heart disease with rheumatoid arthritis of left hand	Diagnosis	ICD-10-CM
M05.349	Rheumatoid heart disease with rheumatoid arthritis of unspecified hand	Diagnosis	ICD-10-CM
M05.351	Rheumatoid heart disease with rheumatoid arthritis of right hip	Diagnosis	ICD-10-CM
M05.352	Rheumatoid heart disease with rheumatoid arthritis of left hip	Diagnosis	ICD-10-CM
M05.359	Rheumatoid heart disease with rheumatoid arthritis of unspecified hip	Diagnosis	ICD-10-CM
M05.361	Rheumatoid heart disease with rheumatoid arthritis of right knee	Diagnosis	ICD-10-CM
M05.362	Rheumatoid heart disease with rheumatoid arthritis of left knee	Diagnosis	ICD-10-CM
M05.369	Rheumatoid heart disease with rheumatoid arthritis of unspecified knee	Diagnosis	ICD-10-CM
M05.371	Rheumatoid heart disease with rheumatoid arthritis of right ankle and foot	Diagnosis	ICD-10-CM
M05.372	Rheumatoid heart disease with rheumatoid arthritis of left ankle and foot	Diagnosis	ICD-10-CM
M05.379	Rheumatoid heart disease with rheumatoid arthritis of unspecified ankle and foot	Diagnosis	ICD-10-CM
M05.39	Rheumatoid heart disease with rheumatoid arthritis of multiple sites	Diagnosis	ICD-10-CM
M05.40	Rheumatoid myopathy with rheumatoid arthritis of unspecified site	Diagnosis	ICD-10-CM
M05.411	Rheumatoid myopathy with rheumatoid arthritis of right shoulder	Diagnosis	ICD-10-CM
M05.412	Rheumatoid myopathy with rheumatoid arthritis of left shoulder	Diagnosis	ICD-10-CM
M05.419	Rheumatoid myopathy with rheumatoid arthritis of unspecified shoulder	Diagnosis	ICD-10-CM
M05.421	Rheumatoid myopathy with rheumatoid arthritis of right elbow	Diagnosis	ICD-10-CM
M05.422	Rheumatoid myopathy with rheumatoid arthritis of left elbow	Diagnosis	ICD-10-CM
M05.429	Rheumatoid myopathy with rheumatoid arthritis of unspecified elbow	Diagnosis	ICD-10-CM
M05.431	Rheumatoid myopathy with rheumatoid arthritis of right wrist	Diagnosis	ICD-10-CM
M05.432	Rheumatoid myopathy with rheumatoid arthritis of left wrist	Diagnosis	ICD-10-CM
M05.439	Rheumatoid myopathy with rheumatoid arthritis of unspecified wrist	Diagnosis	ICD-10-CM
M05.441	Rheumatoid myopathy with rheumatoid arthritis of right hand	Diagnosis	ICD-10-CM
M05.442	Rheumatoid myopathy with rheumatoid arthritis of left hand	Diagnosis	ICD-10-CM
M05.449	Rheumatoid myopathy with rheumatoid arthritis of unspecified hand	Diagnosis	ICD-10-CM
M05.451	Rheumatoid myopathy with rheumatoid arthritis of right hip	Diagnosis	ICD-10-CM
M05.452	Rheumatoid myopathy with rheumatoid arthritis of left hip	Diagnosis	ICD-10-CM
M05.459	Rheumatoid myopathy with rheumatoid arthritis of unspecified hip	Diagnosis	ICD-10-CM
M05.461	Rheumatoid myopathy with rheumatoid arthritis of right knee	Diagnosis	ICD-10-CM
M05.462	Rheumatoid myopathy with rheumatoid arthritis of left knee	Diagnosis	ICD-10-CM
M05.469	Rheumatoid myopathy with rheumatoid arthritis of unspecified knee	Diagnosis	ICD-10-CM
M05.471	Rheumatoid myopathy with rheumatoid arthritis of right ankle and foot	Diagnosis	ICD-10-CM
M05.472	Rheumatoid myopathy with rheumatoid arthritis of left ankle and foot	Diagnosis	ICD-10-CM
M05.479	Rheumatoid myopathy with rheumatoid arthritis of unspecified ankle and foot	Diagnosis	ICD-10-CM
M05.49	Rheumatoid myopathy with rheumatoid arthritis of multiple sites	Diagnosis	ICD-10-CM
M05.50	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified site	Diagnosis	ICD-10-CM
M05.511	Rheumatoid polyneuropathy with rheumatoid arthritis of right shoulder	Diagnosis	ICD-10-CM
M05.512	Rheumatoid polyneuropathy with rheumatoid arthritis of left shoulder	Diagnosis	ICD-10-CM



**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

Code	Description	Code Category	Code Type
M05.519	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified shoulder	Diagnosis	ICD-10-CM
M05.521	Rheumatoid polyneuropathy with rheumatoid arthritis of right elbow	Diagnosis	ICD-10-CM
M05.522	Rheumatoid polyneuropathy with rheumatoid arthritis of left elbow	Diagnosis	ICD-10-CM
M05.529	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified elbow	Diagnosis	ICD-10-CM
M05.531	Rheumatoid polyneuropathy with rheumatoid arthritis of right wrist	Diagnosis	ICD-10-CM
M05.532	Rheumatoid polyneuropathy with rheumatoid arthritis of left wrist	Diagnosis	ICD-10-CM
M05.539	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified wrist	Diagnosis	ICD-10-CM
M05.541	Rheumatoid polyneuropathy with rheumatoid arthritis of right hand	Diagnosis	ICD-10-CM
M05.542	Rheumatoid polyneuropathy with rheumatoid arthritis of left hand	Diagnosis	ICD-10-CM
M05.549	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified hand	Diagnosis	ICD-10-CM
M05.551	Rheumatoid polyneuropathy with rheumatoid arthritis of right hip	Diagnosis	ICD-10-CM
M05.552	Rheumatoid polyneuropathy with rheumatoid arthritis of left hip	Diagnosis	ICD-10-CM
M05.559	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified hip	Diagnosis	ICD-10-CM
M05.561	Rheumatoid polyneuropathy with rheumatoid arthritis of right knee	Diagnosis	ICD-10-CM
M05.562	Rheumatoid polyneuropathy with rheumatoid arthritis of left knee	Diagnosis	ICD-10-CM
M05.569	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified knee	Diagnosis	ICD-10-CM
M05.571	Rheumatoid polyneuropathy with rheumatoid arthritis of right ankle and foot	Diagnosis	ICD-10-CM
M05.572	Rheumatoid polyneuropathy with rheumatoid arthritis of left ankle and foot	Diagnosis	ICD-10-CM
M05.579	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified ankle and foot	Diagnosis	ICD-10-CM
M05.59	Rheumatoid polyneuropathy with rheumatoid arthritis of multiple sites	Diagnosis	ICD-10-CM
M05.60	Rheumatoid arthritis of unspecified site with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.611	Rheumatoid arthritis of right shoulder with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.612	Rheumatoid arthritis of left shoulder with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.619	Rheumatoid arthritis of unspecified shoulder with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.621	Rheumatoid arthritis of right elbow with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.622	Rheumatoid arthritis of left elbow with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.629	Rheumatoid arthritis of unspecified elbow with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.631	Rheumatoid arthritis of right wrist with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.632	Rheumatoid arthritis of left wrist with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.639	Rheumatoid arthritis of unspecified wrist with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.641	Rheumatoid arthritis of right hand with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.642	Rheumatoid arthritis of left hand with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.649	Rheumatoid arthritis of unspecified hand with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.651	Rheumatoid arthritis of right hip with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.652	Rheumatoid arthritis of left hip with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.659	Rheumatoid arthritis of unspecified hip with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.661	Rheumatoid arthritis of right knee with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.662	Rheumatoid arthritis of left knee with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.669	Rheumatoid arthritis of unspecified knee with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.671	Rheumatoid arthritis of right ankle and foot with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.672	Rheumatoid arthritis of left ankle and foot with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.679	Rheumatoid arthritis of unspecified ankle and foot with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.69	Rheumatoid arthritis of multiple sites with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.70	Rheumatoid arthritis with rheumatoid factor of unspecified site without organ or systems involvement	Diagnosis	ICD-10-CM

**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
M05.711	Rheumatoid arthritis with rheumatoid factor of right shoulder without organ or systems involvement	Diagnosis	ICD-10-CM
M05.712	Rheumatoid arthritis with rheumatoid factor of left shoulder without organ or systems involvement	Diagnosis	ICD-10-CM
M05.719	Rheumatoid arthritis with rheumatoid factor of unspecified shoulder without organ or systems involvement	Diagnosis	ICD-10-CM
M05.721	Rheumatoid arthritis with rheumatoid factor of right elbow without organ or systems involvement	Diagnosis	ICD-10-CM
M05.722	Rheumatoid arthritis with rheumatoid factor of left elbow without organ or systems involvement	Diagnosis	ICD-10-CM
M05.729	Rheumatoid arthritis with rheumatoid factor of unspecified elbow without organ or systems involvement	Diagnosis	ICD-10-CM
M05.731	Rheumatoid arthritis with rheumatoid factor of right wrist without organ or systems involvement	Diagnosis	ICD-10-CM
M05.732	Rheumatoid arthritis with rheumatoid factor of left wrist without organ or systems involvement	Diagnosis	ICD-10-CM
M05.739	Rheumatoid arthritis with rheumatoid factor of unspecified wrist without organ or systems involvement	Diagnosis	ICD-10-CM
M05.741	Rheumatoid arthritis with rheumatoid factor of right hand without organ or systems involvement	Diagnosis	ICD-10-CM
M05.742	Rheumatoid arthritis with rheumatoid factor of left hand without organ or systems involvement	Diagnosis	ICD-10-CM
M05.749	Rheumatoid arthritis with rheumatoid factor of unspecified hand without organ or systems involvement	Diagnosis	ICD-10-CM
M05.751	Rheumatoid arthritis with rheumatoid factor of right hip without organ or systems involvement	Diagnosis	ICD-10-CM
M05.752	Rheumatoid arthritis with rheumatoid factor of left hip without organ or systems involvement	Diagnosis	ICD-10-CM
M05.759	Rheumatoid arthritis with rheumatoid factor of unspecified hip without organ or systems involvement	Diagnosis	ICD-10-CM
M05.761	Rheumatoid arthritis with rheumatoid factor of right knee without organ or systems involvement	Diagnosis	ICD-10-CM
M05.762	Rheumatoid arthritis with rheumatoid factor of left knee without organ or systems involvement	Diagnosis	ICD-10-CM
M05.769	Rheumatoid arthritis with rheumatoid factor of unspecified knee without organ or systems involvement	Diagnosis	ICD-10-CM
M05.771	Rheumatoid arthritis with rheumatoid factor of right ankle and foot without organ or systems involvement	Diagnosis	ICD-10-CM
M05.772	Rheumatoid arthritis with rheumatoid factor of left ankle and foot without organ or systems involvement	Diagnosis	ICD-10-CM
M05.779	Rheumatoid arthritis with rheumatoid factor of unspecified ankle and foot without organ or systems involvement	Diagnosis	ICD-10-CM
M05.79	Rheumatoid arthritis with rheumatoid factor of multiple sites without organ or systems involvement	Diagnosis	ICD-10-CM
M05.80	Other rheumatoid arthritis with rheumatoid factor of unspecified site	Diagnosis	ICD-10-CM
M05.811	Other rheumatoid arthritis with rheumatoid factor of right shoulder	Diagnosis	ICD-10-CM
M05.812	Other rheumatoid arthritis with rheumatoid factor of left shoulder	Diagnosis	ICD-10-CM
M05.819	Other rheumatoid arthritis with rheumatoid factor of unspecified shoulder	Diagnosis	ICD-10-CM
M05.821	Other rheumatoid arthritis with rheumatoid factor of right elbow	Diagnosis	ICD-10-CM
M05.822	Other rheumatoid arthritis with rheumatoid factor of left elbow	Diagnosis	ICD-10-CM

**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

Code	Description	Code Category	Code Type
M05.829	Other rheumatoid arthritis with rheumatoid factor of unspecified elbow	Diagnosis	ICD-10-CM
M05.831	Other rheumatoid arthritis with rheumatoid factor of right wrist	Diagnosis	ICD-10-CM
M05.832	Other rheumatoid arthritis with rheumatoid factor of left wrist	Diagnosis	ICD-10-CM
M05.839	Other rheumatoid arthritis with rheumatoid factor of unspecified wrist	Diagnosis	ICD-10-CM
M05.841	Other rheumatoid arthritis with rheumatoid factor of right hand	Diagnosis	ICD-10-CM
M05.842	Other rheumatoid arthritis with rheumatoid factor of left hand	Diagnosis	ICD-10-CM
M05.849	Other rheumatoid arthritis with rheumatoid factor of unspecified hand	Diagnosis	ICD-10-CM
M05.851	Other rheumatoid arthritis with rheumatoid factor of right hip	Diagnosis	ICD-10-CM
M05.852	Other rheumatoid arthritis with rheumatoid factor of left hip	Diagnosis	ICD-10-CM
M05.859	Other rheumatoid arthritis with rheumatoid factor of unspecified hip	Diagnosis	ICD-10-CM
M05.861	Other rheumatoid arthritis with rheumatoid factor of right knee	Diagnosis	ICD-10-CM
M05.862	Other rheumatoid arthritis with rheumatoid factor of left knee	Diagnosis	ICD-10-CM
M05.869	Other rheumatoid arthritis with rheumatoid factor of unspecified knee	Diagnosis	ICD-10-CM
M05.871	Other rheumatoid arthritis with rheumatoid factor of right ankle and foot	Diagnosis	ICD-10-CM
M05.872	Other rheumatoid arthritis with rheumatoid factor of left ankle and foot	Diagnosis	ICD-10-CM
M05.879	Other rheumatoid arthritis with rheumatoid factor of unspecified ankle and foot	Diagnosis	ICD-10-CM
M05.89	Other rheumatoid arthritis with rheumatoid factor of multiple sites	Diagnosis	ICD-10-CM
M05.9	Rheumatoid arthritis with rheumatoid factor, unspecified	Diagnosis	ICD-10-CM
M06.00	Rheumatoid arthritis without rheumatoid factor, unspecified site	Diagnosis	ICD-10-CM
M06.011	Rheumatoid arthritis without rheumatoid factor, right shoulder	Diagnosis	ICD-10-CM
M06.012	Rheumatoid arthritis without rheumatoid factor, left shoulder	Diagnosis	ICD-10-CM
M06.019	Rheumatoid arthritis without rheumatoid factor, unspecified shoulder	Diagnosis	ICD-10-CM
M06.021	Rheumatoid arthritis without rheumatoid factor, right elbow	Diagnosis	ICD-10-CM
M06.022	Rheumatoid arthritis without rheumatoid factor, left elbow	Diagnosis	ICD-10-CM
M06.029	Rheumatoid arthritis without rheumatoid factor, unspecified elbow	Diagnosis	ICD-10-CM
M06.031	Rheumatoid arthritis without rheumatoid factor, right wrist	Diagnosis	ICD-10-CM
M06.032	Rheumatoid arthritis without rheumatoid factor, left wrist	Diagnosis	ICD-10-CM
M06.039	Rheumatoid arthritis without rheumatoid factor, unspecified wrist	Diagnosis	ICD-10-CM
M06.041	Rheumatoid arthritis without rheumatoid factor, right hand	Diagnosis	ICD-10-CM
M06.042	Rheumatoid arthritis without rheumatoid factor, left hand	Diagnosis	ICD-10-CM
M06.049	Rheumatoid arthritis without rheumatoid factor, unspecified hand	Diagnosis	ICD-10-CM
M06.051	Rheumatoid arthritis without rheumatoid factor, right hip	Diagnosis	ICD-10-CM
M06.052	Rheumatoid arthritis without rheumatoid factor, left hip	Diagnosis	ICD-10-CM
M06.059	Rheumatoid arthritis without rheumatoid factor, unspecified hip	Diagnosis	ICD-10-CM
M06.061	Rheumatoid arthritis without rheumatoid factor, right knee	Diagnosis	ICD-10-CM
M06.062	Rheumatoid arthritis without rheumatoid factor, left knee	Diagnosis	ICD-10-CM
M06.069	Rheumatoid arthritis without rheumatoid factor, unspecified knee	Diagnosis	ICD-10-CM
M06.071	Rheumatoid arthritis without rheumatoid factor, right ankle and foot	Diagnosis	ICD-10-CM
M06.072	Rheumatoid arthritis without rheumatoid factor, left ankle and foot	Diagnosis	ICD-10-CM
M06.079	Rheumatoid arthritis without rheumatoid factor, unspecified ankle and foot	Diagnosis	ICD-10-CM
M06.08	Rheumatoid arthritis without rheumatoid factor, vertebrae	Diagnosis	ICD-10-CM
M06.09	Rheumatoid arthritis without rheumatoid factor, multiple sites	Diagnosis	ICD-10-CM
M06.1	Adult-onset Still's disease	Diagnosis	ICD-10-CM
M06.20	Rheumatoid bursitis, unspecified site	Diagnosis	ICD-10-CM
M06.211	Rheumatoid bursitis, right shoulder	Diagnosis	ICD-10-CM
M06.212	Rheumatoid bursitis, left shoulder	Diagnosis	ICD-10-CM
M06.219	Rheumatoid bursitis, unspecified shoulder	Diagnosis	ICD-10-CM
M06.221	Rheumatoid bursitis, right elbow	Diagnosis	ICD-10-CM
M06.222	Rheumatoid bursitis, left elbow	Diagnosis	ICD-10-CM
M06.229	Rheumatoid bursitis, unspecified elbow	Diagnosis	ICD-10-CM



**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

Code	Description	Code Category	Code Type
M06.231	Rheumatoid bursitis, right wrist	Diagnosis	ICD-10-CM
M06.232	Rheumatoid bursitis, left wrist	Diagnosis	ICD-10-CM
M06.239	Rheumatoid bursitis, unspecified wrist	Diagnosis	ICD-10-CM
M06.241	Rheumatoid bursitis, right hand	Diagnosis	ICD-10-CM
M06.242	Rheumatoid bursitis, left hand	Diagnosis	ICD-10-CM
M06.249	Rheumatoid bursitis, unspecified hand	Diagnosis	ICD-10-CM
M06.251	Rheumatoid bursitis, right hip	Diagnosis	ICD-10-CM
M06.252	Rheumatoid bursitis, left hip	Diagnosis	ICD-10-CM
M06.259	Rheumatoid bursitis, unspecified hip	Diagnosis	ICD-10-CM
M06.261	Rheumatoid bursitis, right knee	Diagnosis	ICD-10-CM
M06.262	Rheumatoid bursitis, left knee	Diagnosis	ICD-10-CM
M06.269	Rheumatoid bursitis, unspecified knee	Diagnosis	ICD-10-CM
M06.271	Rheumatoid bursitis, right ankle and foot	Diagnosis	ICD-10-CM
M06.272	Rheumatoid bursitis, left ankle and foot	Diagnosis	ICD-10-CM
M06.279	Rheumatoid bursitis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M06.28	Rheumatoid bursitis, vertebrae	Diagnosis	ICD-10-CM
M06.29	Rheumatoid bursitis, multiple sites	Diagnosis	ICD-10-CM
M06.30	Rheumatoid nodule, unspecified site	Diagnosis	ICD-10-CM
M06.311	Rheumatoid nodule, right shoulder	Diagnosis	ICD-10-CM
M06.312	Rheumatoid nodule, left shoulder	Diagnosis	ICD-10-CM
M06.319	Rheumatoid nodule, unspecified shoulder	Diagnosis	ICD-10-CM
M06.321	Rheumatoid nodule, right elbow	Diagnosis	ICD-10-CM
M06.322	Rheumatoid nodule, left elbow	Diagnosis	ICD-10-CM
M06.329	Rheumatoid nodule, unspecified elbow	Diagnosis	ICD-10-CM
M06.331	Rheumatoid nodule, right wrist	Diagnosis	ICD-10-CM
M06.332	Rheumatoid nodule, left wrist	Diagnosis	ICD-10-CM
M06.339	Rheumatoid nodule, unspecified wrist	Diagnosis	ICD-10-CM
M06.341	Rheumatoid nodule, right hand	Diagnosis	ICD-10-CM
M06.342	Rheumatoid nodule, left hand	Diagnosis	ICD-10-CM
M06.349	Rheumatoid nodule, unspecified hand	Diagnosis	ICD-10-CM
M06.351	Rheumatoid nodule, right hip	Diagnosis	ICD-10-CM
M06.352	Rheumatoid nodule, left hip	Diagnosis	ICD-10-CM
M06.359	Rheumatoid nodule, unspecified hip	Diagnosis	ICD-10-CM
M06.361	Rheumatoid nodule, right knee	Diagnosis	ICD-10-CM
M06.362	Rheumatoid nodule, left knee	Diagnosis	ICD-10-CM
M06.369	Rheumatoid nodule, unspecified knee	Diagnosis	ICD-10-CM
M06.371	Rheumatoid nodule, right ankle and foot	Diagnosis	ICD-10-CM
M06.372	Rheumatoid nodule, left ankle and foot	Diagnosis	ICD-10-CM
M06.379	Rheumatoid nodule, unspecified ankle and foot	Diagnosis	ICD-10-CM
M06.38	Rheumatoid nodule, vertebrae	Diagnosis	ICD-10-CM
M06.39	Rheumatoid nodule, multiple sites	Diagnosis	ICD-10-CM
M06.4	Inflammatory polyarthropathy	Diagnosis	ICD-10-CM
M06.80	Other specified rheumatoid arthritis, unspecified site	Diagnosis	ICD-10-CM
M06.811	Other specified rheumatoid arthritis, right shoulder	Diagnosis	ICD-10-CM
M06.812	Other specified rheumatoid arthritis, left shoulder	Diagnosis	ICD-10-CM
M06.819	Other specified rheumatoid arthritis, unspecified shoulder	Diagnosis	ICD-10-CM
M06.821	Other specified rheumatoid arthritis, right elbow	Diagnosis	ICD-10-CM
M06.822	Other specified rheumatoid arthritis, left elbow	Diagnosis	ICD-10-CM
M06.829	Other specified rheumatoid arthritis, unspecified elbow	Diagnosis	ICD-10-CM
M06.831	Other specified rheumatoid arthritis, right wrist	Diagnosis	ICD-10-CM
M06.832	Other specified rheumatoid arthritis, left wrist	Diagnosis	ICD-10-CM

**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

Code	Description	Code Category	Code Type
M06.839	Other specified rheumatoid arthritis, unspecified wrist	Diagnosis	ICD-10-CM
M06.841	Other specified rheumatoid arthritis, right hand	Diagnosis	ICD-10-CM
M06.842	Other specified rheumatoid arthritis, left hand	Diagnosis	ICD-10-CM
M06.849	Other specified rheumatoid arthritis, unspecified hand	Diagnosis	ICD-10-CM
M06.851	Other specified rheumatoid arthritis, right hip	Diagnosis	ICD-10-CM
M06.852	Other specified rheumatoid arthritis, left hip	Diagnosis	ICD-10-CM
M06.859	Other specified rheumatoid arthritis, unspecified hip	Diagnosis	ICD-10-CM
M06.861	Other specified rheumatoid arthritis, right knee	Diagnosis	ICD-10-CM
M06.862	Other specified rheumatoid arthritis, left knee	Diagnosis	ICD-10-CM
M06.869	Other specified rheumatoid arthritis, unspecified knee	Diagnosis	ICD-10-CM
M06.871	Other specified rheumatoid arthritis, right ankle and foot	Diagnosis	ICD-10-CM
M06.872	Other specified rheumatoid arthritis, left ankle and foot	Diagnosis	ICD-10-CM
M06.879	Other specified rheumatoid arthritis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M06.88	Other specified rheumatoid arthritis, vertebrae	Diagnosis	ICD-10-CM
M06.89	Other specified rheumatoid arthritis, multiple sites	Diagnosis	ICD-10-CM
M06.9	Rheumatoid arthritis, unspecified	Diagnosis	ICD-10-CM
M30.0	Polyarteritis nodosa	Diagnosis	ICD-10-CM
M30.1	Polyarteritis with lung involvement [Churg-Strauss]	Diagnosis	ICD-10-CM
M30.2	Juvenile polyarteritis	Diagnosis	ICD-10-CM
M30.8	Other conditions related to polyarteritis nodosa	Diagnosis	ICD-10-CM
M31.0	Hypersensitivity angiitis	Diagnosis	ICD-10-CM
M31.1	Thrombotic microangiopathy	Diagnosis	ICD-10-CM
M31.30	Wegener's granulomatosis without renal involvement	Diagnosis	ICD-10-CM
M31.31	Wegener's granulomatosis with renal involvement	Diagnosis	ICD-10-CM
M31.4	Aortic arch syndrome [Takayasu]	Diagnosis	ICD-10-CM
M31.5	Giant cell arteritis with polymyalgia rheumatica	Diagnosis	ICD-10-CM
M31.6	Other giant cell arteritis	Diagnosis	ICD-10-CM
M31.7	Microscopic polyangiitis	Diagnosis	ICD-10-CM
M32.0	Drug-induced systemic lupus erythematosus	Diagnosis	ICD-10-CM
M32.10	Systemic lupus erythematosus, organ or system involvement unspecified	Diagnosis	ICD-10-CM
M32.11	Endocarditis in systemic lupus erythematosus	Diagnosis	ICD-10-CM
M32.12	Pericarditis in systemic lupus erythematosus	Diagnosis	ICD-10-CM
M32.13	Lung involvement in systemic lupus erythematosus	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
M32.19	Other organ or system involvement in systemic lupus erythematosus	Diagnosis	ICD-10-CM
M32.8	Other forms of systemic lupus erythematosus	Diagnosis	ICD-10-CM
M32.9	Systemic lupus erythematosus, unspecified	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
M33.10	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
M33.20	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

**Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define Baseline Characteristics In this Request**

<b>Code</b>	<b>Description</b>	<b>Code Category</b>	<b>Code Type</b>
M33.29	Polymyositis with other organ involvement	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
M34.0	Progressive systemic sclerosis	Diagnosis	ICD-10-CM
M34.1	CR(E)ST syndrome	Diagnosis	ICD-10-CM
M34.2	Systemic sclerosis induced by drug and chemical	Diagnosis	ICD-10-CM
M34.81	Systemic sclerosis with lung involvement	Diagnosis	ICD-10-CM
M34.82	Systemic sclerosis with myopathy	Diagnosis	ICD-10-CM
M34.83	Systemic sclerosis with polyneuropathy	Diagnosis	ICD-10-CM
M34.89	Other systemic sclerosis	Diagnosis	ICD-10-CM
M34.9	Systemic sclerosis, unspecified	Diagnosis	ICD-10-CM
M35.00	Sicca syndrome, unspecified	Diagnosis	ICD-10-CM
M35.01	Sicca syndrome with keratoconjunctivitis	Diagnosis	ICD-10-CM
M35.02	Sicca syndrome with lung involvement	Diagnosis	ICD-10-CM
M35.03	Sicca syndrome with myopathy	Diagnosis	ICD-10-CM
M35.04	Sicca syndrome with tubulo-interstitial nephropathy	Diagnosis	ICD-10-CM
M35.09	Sicca syndrome with other organ involvement	Diagnosis	ICD-10-CM
M35.9	Systemic involvement of connective tissue, unspecified	Diagnosis	ICD-10-CM
M36.0	Dermato(poly)myositis in neoplastic disease	Diagnosis	ICD-10-CM
M36.8	Systemic disorders of connective tissue in other diseases classified elsewhere	Diagnosis	ICD-10-CM

**Appendix D. Specifications Defining Parameters for this Request**

The Center for Drug Evaluation and Research has requested execution of the Cohort Identification and Descriptive Analysis (CIDA) tool (version 10.2.1)

**Query period:** 10/01/2016 - DP Max Date  
**Coverage requirement:** Medical  
**Pre-index enrollment requirement:** Scenario-specific  
**Post-index enrollment requirement:** None  
**Enrollment gap:** 45 days  
**Age groups:** 0-19, 20-29, 30-39, 40-49, 50-59, 60-69, 70+ years  
**Stratifications:** Age group; Sex; Calendar year; and cross-stratifications for age group and sex; for age group and calendar year; for age group, sex and calendar year  
**Restrictions:** None  
**Distribution of index-defining codes:** Not required  
**Envelope macro:** No reclassification on inpatient Adate  
**Freeze data:** Not required

FSGS, MN, MCD have 2 different code lists per scenario; for a total of 6 groups per disease.  
 MPGN, CNGN, LUPUS, DN, NS have 1 code list per scenario; for a total of 3 groups per disease.

Definition A = Disease identified with Presence of 1 Diagnosis in Inpatient or Institutional Stay Setting OR 2 Diagnoses in Ambulatory Care Setting with 2nd code Day (1, 183)  
 Definition B = Disease identified with Presence of 2 Diagnoses or a Biopsy followed by a Diagnosis; 183 Days of Pre-Diagnosis Enrollment Required  
 Definition C = Disease identified with Presence of 1 Diagnosis; No Pre-Diagnosis Enrollment Required  
 Definition D = Disease identified with Presence of 1 Diagnosis in Inpatient or Institutional Stay Setting OR 2 Diagnoses in Ambulatory Care Setting with 2nd code Day (1, 365)  
 Definition E = Disease identified with Presence of 2 Diagnoses or a Biopsy followed by a Diagnosis; 365 Days of Pre-Diagnosis Enrollment Required

**Exposure/Event**

Scenario	Index Exposure/ Event	Cohort definition	Washout period	Care setting	Pre-enrollment criteria	Baseline Table?	Principal diagnosis position	Censor enrollment at evidence of
Run 01: To identify patients once during the entire query period	Focal Segmental Glomerulosclerosis (FSGS) - Definition B	*First valid index date during query period;	0	IP/IS/AV/OA - 2 dx; with the second code on d1-d183 (combo) **OR** biopsy PX then any dx within 60d (combo)	183 days	Yes	Any	*Death; *Data Partner End Date; *Query End Date
	Focal Segmental Glomerulosclerosis (FSGS) - Definition C	*First valid index date during query period;	0	One diagnostic code, IP/IS/AV/OA	1 day	No	Any	*Death; *Data Partner End Date; *Query End Date
	Focal Segmental Glomerulosclerosis (FSGS) - Definition E	*First valid index date during query period;	0	IP/IS/AV/OA - 2 dx; with the second code on d1-d365 (combo) **OR** biopsy PX then any dx within 60d (combo)	365 days	Yes	Any	*Death; *Data Partner End Date; *Query End Date

Appendix D. Specifications Defining Parameters for this Request

Exposure/Event									
Scenario	Index Exposure/ Event	Cohort definition	Washout period	Care setting	Pre-enrollment criteria	Baseline Table?	Principal diagnosis position	Censor enrollment at evidence of	
2	Membranous Nephropathy - Definition B	*First valid index date during query period;	0	IP/IS/AV/OA - 2 dx; with the second code on d1-d183 (combo) **OR** biopsy PX then any dx within 60d (combo)	183 days	Yes	Any	*Death; *Data Partner End Date; *Query End Date	
	Membranous Nephropathy - Definition C	*First valid index date during query period;	0	One diagnostic code, IP/IS/AV/OA	1 day	No	Any	*Death; *Data Partner End Date; *Query End Date	
	Membranous Nephropathy - Definition E	*First valid index date during query period;	0	IP/IS/AV/OA - 2 dx; with the second code on d1-d365 (combo) **OR** biopsy PX then any dx within 60d (combo)	365 days	Yes	Any	*Death; *Data Partner End Date; *Query End Date	
3	Minimal Change Disease - Definition B	*First valid index date during query period;	0	IP/IS/AV/OA - 2 dx; with the second code on d1-d183 (combo) **OR** biopsy PX then any dx within 60d (combo)	183 days	Yes	Any	*Death; *Data Partner End Date; *Query End Date	
	Minimal Change Disease - Definition C	*First valid index date during query period;	0	One diagnostic code, IP/IS/AV/OA	1 day	No	Any	*Death; *Data Partner End Date; *Query End Date	
	Minimal Change Disease - Definition E	*First valid index date during query period;	0	IP/IS/AV/OA - 2 dx; with the second code on d1-d365 (combo) **OR** biopsy PX then any dx within 60d (combo)	365 days	Yes	Any	*Death; *Data Partner End Date; *Query End Date	
4	Membranoproliferative Glomerulonephritis - Definition B	*First valid index date during query period;	0	IP/IS/AV/OA - 2 dx; with the second code on d1-d183 (combo) **OR** biopsy PX then any dx within 60d (combo)	183 days	Yes	Any	*Death; *Data Partner End Date; *Query End Date	
	Membranoproliferative Glomerulonephritis - Definition C	*First valid index date during query period;	0	One diagnostic code, IP/IS/AV/OA	1 day	No	Any	*Death; *Data Partner End Date; *Query End Date	
	Membranoproliferative Glomerulonephritis - Definition E	*First valid index date during query period;	0	IP/IS/AV/OA - 2 dx; with the second code on d1-d365 (combo) **OR** biopsy PX then any dx within 60d (combo)	365 days	Yes	Any	*Death; *Data Partner End Date; *Query End Date	

Appendix D. Specifications Defining Parameters for this Request

Exposure/Event								
Scenario	Index Exposure/ Event	Cohort definition	Washout period	Care setting	Pre-enrollment criteria	Baseline Table?	Principal diagnosis position	Censor enrollment at evidence of
5	Crescentic/Necrotizing Glomerulonephritis - Definition B	*First valid index date during query period;	0	IP/IS/AV/OA - 2 dx; with the second code on d1-d183 (combo) **OR** biopsy PX then any dx within 60d (combo)	183 days		Any	*Death; *Data Partner End Date; *Query End Date
	Crescentic/Necrotizing Glomerulonephritis - Definition C	*First valid index date during query period;	0	One diagnostic code, IP/IS/AV/OA	1 day		Any	*Death; *Data Partner End Date; *Query End Date
	Crescentic/Necrotizing Glomerulonephritis - Definition E	*First valid index date during query period;	0	IP/IS/AV/OA - 2 dx; with the second code on d1-d365 (combo) **OR** biopsy PX then any dx within 60d (combo)	365 days	Yes	Any	*Death; *Data Partner End Date; *Query End Date
6	Lupus Nephritis - Definition B	*First valid index date during query period;	0	IP/IS/AV/OA - 2 dx; with the second code on d1-d183 (combo) **OR** biopsy PX then any dx within 60d (combo)	183 days	Yes	Any	*Death; *Data Partner End Date; *Query End Date
	Lupus Nephritis - Definition C	*First valid index date during query period;	0	One diagnostic code, IP/IS/AV/OA	1 day	No	Any	*Death; *Data Partner End Date; *Query End Date
	Lupus Nephritis - Definition E	*First valid index date during query period;	0	IP/IS/AV/OA - 2 dx; with the second code on d1-d365 (combo) **OR** biopsy PX then any dx within 60d (combo)	365 days	Yes	Any	*Death; *Data Partner End Date; *Query End Date
7	Diabetic Nephropathy - Definition B	*First valid index date during query period;	0	IP/IS/AV/OA - 2 dx; with the second code on d1-d183 (combo) **OR** biopsy PX then any dx within 60d (combo)	183 days	Yes	Any	*Death; *Data Partner End Date; *Query End Date
	Diabetic Nephropathy - Definition C	*First valid index date during query period;	0	One diagnostic code, IP/IS/AV/OA	1 day	No	Any	*Death; *Data Partner End Date; *Query End Date
	Diabetic Nephropathy - Definition E	*First valid index date during query period;	0	IP/IS/AV/OA - 2 dx; with the second code on d1-d365 (combo) **OR** biopsy PX then any dx within 60d (combo)	365 days	Yes	Any	*Death; *Data Partner End Date; *Query End Date

Appendix D. Specifications Defining Parameters for this Request

Exposure/Event									
Scenario	Index Exposure/ Event	Cohort definition	Washout period	Care setting	Pre-enrollment criteria	Baseline Table?	Principal diagnosis position	Censor enrollment at evidence of	
8	Nephrotic Syndrome - Definition A	*First valid index date during query period;	0	Inpatient hospital stay - 1 code **OR** Non-acute institutional stay - 1 code **OR** Outpatient/Ambulatory - 2 codes; with the second code on d1-d183 (combo)	183 days	Yes	Any	*Death; *Data Partner End Date; *Query End Date	
	Nephrotic Syndrome - Definition C	*First valid index date during query period;	0	One diagnostic code, IP/IS/AV/OA	1 day	No	Any	*Death; *Data Partner End Date; *Query End Date	
	Nephrotic Syndrome - Definition D	*First valid index date during query period;	0	Inpatient hospital stay - 1 code **OR** Non-acute institutional stay - 1 code **OR** Outpatient/Ambulatory - 2 codes; with the second code on d1-d365 (combo)	365 days	Yes	Any	*Death; *Data Partner End Date; *Query End Date	
Run 02: To identify patients once in each stratification where they meet the disease definition	Focal Segmental Glomerulosclerosis (FSGS) - Definition B	*All valid index dates during query period	0	IP/IS/AV/OA - 2 dx; with the second code on d1-d183 (combo) **OR** biopsy PX then any dx within 60d (combo)	183 days	Yes	Any	*Death; *Data Partner End Date; *Query End Date	
	Focal Segmental Glomerulosclerosis (FSGS) - Definition C	*All valid index dates during query period	0	One diagnostic code, IP/IS/AV/OA	1 day	No	Any	*Death; *Data Partner End Date; *Query End Date	
	Focal Segmental Glomerulosclerosis (FSGS) - Definition E	*All valid index dates during query period	0	IP/IS/AV/OA - 2 dx; with the second code on d1-d365 (combo) **OR** biopsy PX then any dx within 60d (combo)	365 days	Yes	Any	*Death; *Data Partner End Date; *Query End Date	
10	Membranous Nephropathy - Definition B	*All valid index dates during query period	0	IP/IS/AV/OA - 2 dx; with the second code on d1-d183 (combo) **OR** biopsy PX then any dx within 60d (combo)	183 days	Yes	Any	*Death; *Data Partner End Date; *Query End Date	
	Membranous Nephropathy - Definition C	*All valid index dates during query period	0	One diagnostic code, IP/IS/AV/OA	1 day	No	Any	*Death; *Data Partner End Date; *Query End Date	
	Membranous Nephropathy - Definition E	*All valid index dates during query period	0	IP/IS/AV/OA - 2 dx; with the second code on d1-d365 (combo) **OR** biopsy PX then any dx within 60d (combo)	365 days	Yes	Any	*Death; *Data Partner End Date; *Query End Date	



Appendix D. Specifications Defining Parameters for this Request

Exposure/Event									
Scenario	Index Exposure/ Event	Cohort definition	Washout period	Care setting	Pre-enrollment criteria	Baseline Table?	Principal diagnosis position	Censor enrollment at evidence of	
<b>Run 02: To identify patients once in each stratification where they meet the disease definition</b>	11	Minimal Change Disease - Definition B	*All valid index dates during query period	0	IP/IS/AV/OA - 2 dx; with the second code on d1-d183 (combo) **OR** biopsy PX then any dx within 60d (combo)	183 days	Yes	Any	*Death; *Data Partner End Date; *Query End Date
		Minimal Change Disease - Definition C	*All valid index dates during query period	0	One diagnostic code, IP/IS/AV/OA	1 day	No	Any	*Death; *Data Partner End Date; *Query End Date
		Minimal Change Disease - Definition E	*All valid index dates during query period	0	IP/IS/AV/OA - 2 dx; with the second code on d1-d365 (combo) **OR** biopsy PX then any dx within 60d (combo)	365 days	Yes	Any	*Death; *Data Partner End Date; *Query End Date
	12	Membranoproliferative Glomerulonephritis - Definition B	*All valid index dates during query period	0	IP/IS/AV/OA - 2 dx; with the second code on d1-d183 (combo) **OR** biopsy PX then any dx within 60d (combo)	183 days	Yes	Any	*Death; *Data Partner End Date; *Query End Date
		Membranoproliferative Glomerulonephritis - Definition C	*All valid index dates during query period	0	One diagnostic code, IP/IS/AV/OA	1 day	No	Any	*Death; *Data Partner End Date; *Query End Date
		Membranoproliferative Glomerulonephritis - Definition E	*All valid index dates during query period	0	IP/IS/AV/OA - 2 dx; with the second code on d1-d365 (combo) **OR** biopsy PX then any dx within 60d (combo)	365 days	Yes	Any	*Death; *Data Partner End Date; *Query End Date
	13	Crescentic/Necrotizing Glomerulonephritis - Definition B	*All valid index dates during query period	0	IP/IS/AV/OA - 2 dx; with the second code on d1-d183 (combo) **OR** biopsy PX then any dx within 60d (combo)	183 days	Yes	Any	*Death; *Data Partner End Date; *Query End Date
		Crescentic/Necrotizing Glomerulonephritis - Definition C	*All valid index dates during query period	0	One diagnostic code, IP/IS/AV/OA	1 day	No	Any	*Death; *Data Partner End Date; *Query End Date
		Crescentic/Necrotizing Glomerulonephritis - Definition E	*All valid index dates during query period	0	IP/IS/AV/OA - 2 dx; with the second code on d1-d365 (combo) **OR** biopsy PX then any dx within 60d (combo)	365 days	Yes	Any	*Death; *Data Partner End Date; *Query End Date



Appendix D. Specifications Defining Parameters for this Request

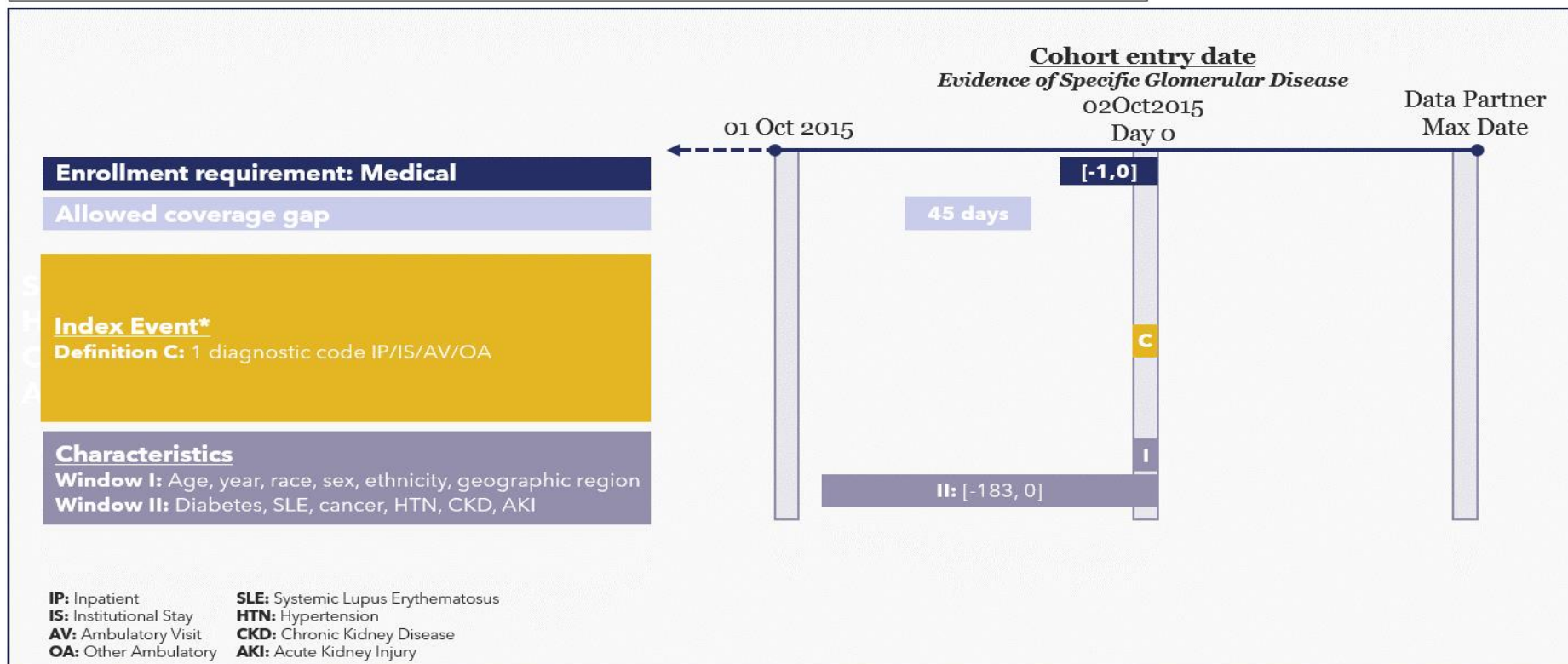
Exposure/Event									
Scenario	Index Exposure/ Event	Cohort definition	Washout period	Care setting	Pre-enrollment criteria	Baseline Table?	Principal diagnosis position	Sensor enrollment at evidence of	
14	Lupus Nephritis - Definition B	*All valid index dates during query period	0	IP/IS/AV/OA - 2 dx; with the second code on d1-d183 (combo) **OR** biopsy PX then any dx within 60d (combo)	183 days	Yes	Any	*Death; *Data Partner End Date; *Query End Date	
	Lupus Nephritis - Definition C	*All valid index dates during query period	0	One diagnostic code, IP/IS/AV/OA	1 day	No	Any	*Death; *Data Partner End Date; *Query End Date	
	Lupus Nephritis - Definition E	*All valid index dates during query period	0	IP/IS/AV/OA - 2 dx; with the second code on d1-d365 (combo) **OR** biopsy PX then any dx within 60d (combo)	365 days	Yes	Any	*Death; *Data Partner End Date; *Query End Date	
15	Diabetic Nephropathy - Definition B	*All valid index dates during query period	0	IP/IS/AV/OA - 2 dx; with the second code on d1-d183 (combo) **OR** biopsy PX then any dx within 60d (combo)	183 days		Any	*Death; *Data Partner End Date; *Query End Date	
	Diabetic Nephropathy - Definition C	*All valid index dates during query period	0	One diagnostic code, IP/IS/AV/OA	1 day		Any	*Death; *Data Partner End Date; *Query End Date	
	Diabetic Nephropathy - Definition E	*All valid index dates during query period	0	IP/IS/AV/OA - 2 dx; with the second code on d1-d365 (combo) **OR** biopsy PX then any dx within 60d (combo)	365 days	Yes	Any	*Death; *Data Partner End Date; *Query End Date	
16	Nephrotic Syndrome - Definition A	*All valid index dates during query period	0	Inpatient hospital stay - 1 code **OR** Non-acute institutional stay - 1 code **OR** Outpatient/Ambulatory - 2 codes; with the second code on d1-d183 (combo)	183 days	Yes	Any	*Death; *Data Partner End Date; *Query End Date	
	Nephrotic Syndrome - Definition C	*All valid index dates during query period	0	One diagnostic code, IP/IS/AV/OA	1 day	No	Any	*Death; *Data Partner End Date; *Query End Date	
	Nephrotic Syndrome - Definition D	*All valid index dates during query period	0	Inpatient hospital stay - 1 code **OR** Non-acute institutional stay - 1 code **OR** Outpatient/Ambulatory - 2 codes; with the second code on d1-d365 (combo)	365 days	Yes	Any	*Death; *Data Partner End Date; *Query End Date	

ICD-10, HCPCS, and CPT codes are provided by Optum360.  
 NDC codes are checked against First Data Bank's "National Drug Data File (NDDF®) Plus."

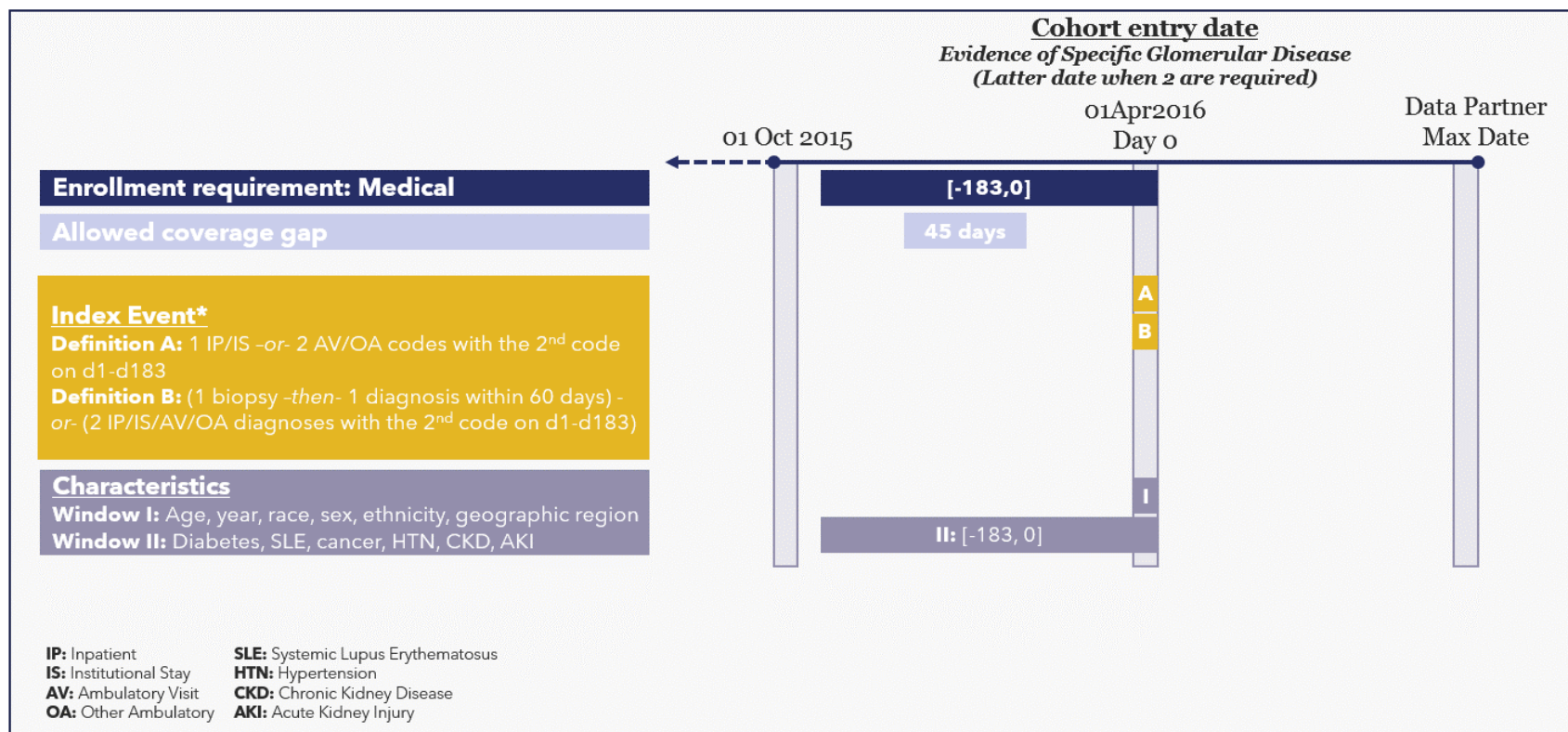
**Appendix E. Specifications Defining Baseline Characteristic Parameters Used in this Request**

<b>Covariate</b>	<b>Care setting</b>	<b>Principal diagnosis position</b>	<b>Evaluation period start</b>	<b>Evaluation period end</b>	<b>Number of instances the covariate should be found in evaluation period</b>
Diabetes	Any care setting	Any	-183	0	1
Systemic lupus erythematosus	Any care setting	Any	-183	0	1
Cancer	Any care setting	Any	-183	0	1
Hypertension	Any care setting	Any	-183	0	1
Chronic kidney disease	Any care setting	Any	-183	0	1
Acute kidney injury (failure)	Any care setting	Any	-183	0	1
Systemic immunologic diseases	Any care setting	Any	-183	0	1
<b>Comorbidity</b>					
Combined Comorbidity Score	N/A	N/A	-183	0	N/A
<b>Utilization</b>					
Mean number of ambulatory encounters (AV)	N/A	N/A	-183	0	N/A
Mean number of emergency room encounters (ED)	N/A	N/A	-183	0	N/A
Mean number of inpatient hospital encounters (IP)	N/A	N/A	-183	0	N/A
Mean number of non-acute institutional encounters (IS)	N/A	N/A	-183	0	N/A
Mean number of other ambulatory encounters (OA)	N/A	N/A	-183	0	N/A

**Glomerular Disease Defined as the Presence of One Diagnosis Code  
No Pre-Diagnosis Enrollment Required**



**Glomerular Disease Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code**  
**183 Days of Pre-Diagnosis Enrollment Required**



## Glomerular Disease Defined as the Presence of Two Diagnosis Codes or a Biopsy followed by a Diagnosis Code

### 365 Days of Pre-Diagnosis Enrollment Required

