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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 cder\_mpl1r\_wp034, Report 2 of 2

Request ID: cder\_mpl1r\_wp034\_nsdp\_v01

Request Description: In this report we estimated the number of pediatric patients 1 to <24 months of age with respiratory syncytial virus (RSV) and RSV-related events and related preventative services in the Sentinel Distributed Database (SDD). This is report 2 of 2. Report 1 contains estimates of the number of pediatric patients 0 to <24 months of age with RSV and RSV-related events and preventative services in the SDD.

Sentinel Routine Querying Module: Cohort Identification and Descriptive Analysis (CIDA) module, version 3.0.2.

<u>Data Source</u>: We included data from January 1, 2008 to September 30, 2015 from 16 Data Partners contributing to the SDD in this request. This request was distributed to Data Partners on August 7, 2016. See Appendix A for a list of the latest dates of available data for each Data Partner.

<u>Study Design:</u> We designed this request to calculate background rates of RSV and RSV-related events among children 1 to <24 months of age.

Events of Interest: We evaluated children aged 1 to <24 months for the following seven definitions for RSV-related events:

- 1) An RSV diagnosis in the inpatient, ambulatory, or emergency care setting
- 2) An RSV diagnosis in the inpatient or emergency care setting or two RSV diagnoses in the ambulatory care setting within 14 days of each other
- 3) A polymerase chain reaction (PCR) lab test for RSV or an antigen lab test for RSV
- 4) A PCR lab test for RSV
- 5) An antigen lab test for RSV
- 6) A Synagis dispensing or procedure
- 7) A bronchiolitis diagnosis

The events above were defined using International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) codes, National Drug Codes (NDCs), Current Procedural Terminology, Fourth Edition (CPT-4) codes, and Healthcare Common Procedure Coding System (HCPCS) codes. Please see Appendix B for specific codes used to define the events of interest in this request. In order for an event to be included, we required that there was no evidence of an event of that type in the prior 30 days. All qualifying RSV-related events between January 1, 2008 and September 30, 2015 were considered for each child; cohort re-entry was allowed.

<u>Cohort Eligibility Criteria:</u> Members included in each cohort were required to be enrolled in plans with both medical and drug coverage for at least one day prior to the event of interest. The cohorts included the following age categories: 1-2, 1-5, 3-5, 6-11, 6-17, 12-23, and 18-23 months.

Please see Appendix C for the specifications of parameters used in the analyses for this request.

<u>Limitations:</u> Algorithms used to define exposures and events are imperfect and may be misclassified. Therefore, data should be interpreted with this limitation in mind.

**Notes:** Please contact the Sentinel Operations Center (info@sentinelsystem.org) for questions and to provide comments/suggestions for future enhancements to this document.



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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).

**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 - i**ndicator 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.

<sup>\*</sup>all terms may not be used in this report



Table 1. Summary of Pediatric Patients with Respiratory Syncytial Virus (RSV) and RSV-Related Events and Preventative Services in the Sentinel Distributed Database (SDD) between January 1, 2008 and September 30, 2015, by Event

RSV-Related Event	New Members with Event	New Event Episodes	Eligible Members	Member-Years	Incidence per 1,000 Eligible Members
RSV diagnosis in IP, ED, or AV care setting <sup>1</sup>	85,705	89,602	6,721,652	6,634,104.9	12.75
RSV diagnosis in IP or ED care setting or two RSV diagnoses in AV care setting <sup>1</sup>	41,564	42,040	6,721,652	6,634,104.9	6.18
Polymerase chain reaction (PCR) lab test for RSV or antigen lab test for RSV	82,755	90,181	6,721,652	6,634,104.9	12.31
PCR lab test for RSV	65,573	71,206	6,721,652	6,634,104.9	9.76
Antigen lab test for RSV	17,887	19,392	6,721,652	6,634,104.9	2.66
Synagis dispensing or procedure	23,441	32,174	6,721,652	6,634,104.9	3.49
Bronchiolitis diagnosis	765,108	965,071	6,721,652	6,634,104.9	113.83

<sup>&</sup>lt;sup>1</sup>IP = inpatient hospital stay care setting

ED = emergency department care setting

AV = ambulatory visit care setting



Table 2. Summary of Pediatric Patients with Respiratory Syncytial Virus (RSV) and RSV-Related Events and Preventative Services in the Sentinel Distributed Database (SDD) between January 1, 2008 and September 30, 2015, by Event and Age Group

	<b>New Members with</b>	<b>New Event</b>			Incidence per 1,000
Age Group	Event	Episodes	Eligible Members	Member-Years	Eligible Members
RSV Diagnosis in IP, El	D, or AV Care Setting <sup>1</sup>				
1-2 Months	14,340	14,394	3,762,705	555,066.6	3.81
1-5 Months	34,254	34,861	4,241,101	1,398,363.2	8.08
3-5 Months	20,226	20,467	3,824,481	843,296.6	5.29
6-11 Months	26,545	27,094	4,258,924	1,720,109.7	6.23
12-17 Months	16,371	16,641	4,362,134	1,744,803.1	3.75
12-23 Months	26,988	27,647	5,181,940	3,515,632.0	5.21
18-23 Months	10,834	11,006	4,360,536	1,770,828.9	2.48
RSV Diagnosis in IP or	ED Care Setting or Two F	RSV Diagnoses in	AV Care Setting <sup>1</sup>		
1-2 Months	8,469	8,475	3,762,705	555,066.6	2.25
1-5 Months	17,989	18,043	4,241,101	1,398,363.2	4.24
3-5 Months	9,555	9,568	3,824,481	843,296.6	2.50
6-11 Months	11,689	11,727	4,258,924	1,720,109.7	2.74
12-17 Months	7,381	7,403	4,362,134	1,744,803.1	1.69
12-23 Months	12,203	12,270	5,181,940	3,515,632.0	2.35
18-23 Months	4,851	4,867	4,360,536	1,770,828.9	1.11
Polymerase Chain Rea	action (PCR) Lab Test for	RSV or Antigen L	ab Test for RSV		
1-2 Months	12,044	12,106	3,762,705	555,066.6	3.20
1-5 Months	28,373	29,170	4,241,101	1,398,363.2	6.69
3-5 Months	16,819	17,064	3,824,481	843,296.6	4.40
6-11 Months	23,739	24,644	4,258,924	1,720,109.7	5.57
12-17 Months	19,752	20,404	4,362,134	1,744,803.1	4.53
12-23 Months	34,431	36,367	5,181,940	3,515,632.0	6.64
18-23 Months	15,514	15,963	4,360,536	1,770,828.9	3.56
PCR Lab Test for RSV					
1-2 Months	10,300	10,345	3,762,705	555,066.6	2.74
1-5 Months	24,047	24,678	4,241,101	1,398,363.2	5.67
3-5 Months	14,139	14,333	3,824,481	843,296.6	3.70
6-11 Months	18,957	19,629	4,258,924	1,720,109.7	4.45
12-17 Months	14,508	14,978	4,362,134	1,744,803.1	3.33
12-23 Months	25,470	26,899	5,181,940	3,515,632.0	4.92
18-23 Months	11,595	11,921	4,360,536	1,770,828.9	2.66
Antigen Lab Test for R					
1-2 Months	1,795	1,808	3,762,705	555,066.6	0.48
1-5 Months	4,442	4,585	4,241,101	1,398,363.2	1.05
3-5 Months	2,730	2,777	3,824,481	843,296.6	0.71
6-11 Months	4,931	5,135	4,258,924	1,720,109.7	1.16
12-17 Months	5,384	5,553	4,362,134	1,744,803.1	1.23
12-23 Months	9,224	9,672	5,181,940	3,515,632.0	1.78
18-23 Months	4,006	4,119	4,360,536	1,770,828.9	0.92



Table 2. Summary of Pediatric Patients with Respiratory Syncytial Virus (RSV) and RSV-Related Events and Preventative Services in the Sentinel Distributed Database (SDD) between January 1, 2008 and September 30, 2015, by Event and Age Group

Age Group	New Members with Event	New Event Episodes	Eligible Members	Member-Years	Incidence per 1,000 Eligible Members
Synagis Dispensing or	Procedure		_		_
1-2 Months	8,782	9,008	3,762,705	555,066.6	2.33
1-5 Months	16,025	17,812	4,241,101	1,398,363.2	3.78
3-5 Months	8,137	8,804	3,824,481	843,296.6	2.13
6-11 Months	7,539	8,934	4,258,924	1,720,109.7	1.77
12-17 Months	2,972	3,546	4,362,134	1,744,803.1	0.68
12-23 Months	4,154	5,428	5,181,940	3,515,632.0	0.80
18-23 Months	1,570	1,882	4,360,536	1,770,828.9	0.36
<b>Bronchiolitis Diagnos</b>	is				
1-2 Months	85,043	85,772	3,762,705	555,066.6	22.60
1-5 Months	283,425	303,024	4,241,101	1,398,363.2	66.83
3-5 Months	208,579	217,252	3,824,481	843,296.6	54.54
6-11 Months	304,942	338,034	4,258,924	1,720,109.7	71.60
12-17 Months	181,313	198,465	4,362,134	1,744,803.1	41.57
12-23 Months	282,438	324,013	5,181,940	3,515,632.0	54.50
18-23 Months	116,260	125,548	4,360,536	1,770,828.9	26.66

<sup>&</sup>lt;sup>1</sup>IP = inpatient hospital stay care setting

ED = emergency department care setting

AV = ambulatory visit care setting



Table 3. Summary of Pediatric Patients with Respiratory Syncytial Virus (RSV) and RSV-Related Events and Preventative Services in the Sentinel Distributed Database (SDD) between January 1, 2008 and September 30, 2015, by Event and Sex

Sex	New Members with Event	New Event Episodes	Eligible Members	Member-Years	Incidence per 1,000 Eligible Members
	P, ED, or AV Care Setting <sup>1</sup>	<u></u>	<b>3</b> * 1 * 1 * 1		3
Female	39,058	40,741	3,269,645	3,229,561.7	11.95
Male	46,645	48,859	3,451,499	3,404,214.8	13.51
Unknown	2	2	508	328.5	3.94
<b>RSV</b> Diagnosis in IF	or ED Care Setting or Two	<b>RSV</b> Diagnoses in	AV Care Setting <sup>1</sup>		
Female	18,783	18,991	3,269,645	3,229,561.7	5.74
Male	22,781	23,049	3,451,499	3,404,214.8	6.60
Unknown	0	0	508	328.5	0.00
Polymerase Chain	Reaction (PCR) Lab Test for	RSV or Antigen L	ab Test for RSV		
Female	37,196	40,407	3,269,645	3,229,561.7	11.38
Male	45,556	49,771	3,451,499	3,404,214.8	13.20
Unknown	3	3	508	328.5	5.91
PCR Lab Test for R	SV				
Female	29,482	31,911	3,269,645	3,229,561.7	9.02
Male	36,088	39,292	3,451,499	3,404,214.8	10.46
Unknown	3	3	508	328.5	5.91
Antigen Lab Test fo	or RSV				
Female	8,007	8,667	3,269,645	3,229,561.7	2.45
Male	9,880	10,725	3,451,499	3,404,214.8	2.86
Unknown	0	0	508	328.5	0.00
Synagis Dispensing	g or Procedure				
Female	11,045	15,111	3,269,645	3,229,561.7	3.38
Male	12,396	17,063	3,451,499	3,404,214.8	3.59
Unknown	0	0	508	328.5	0.00
Bronchiolitis Diagr	nosis				
Female	321,263	396,421	3,269,645	3,229,561.7	98.26
Male	443,806	568,605	3,451,499	3,404,214.8	128.58
Unknown	39	45	508	328.5	76.77

<sup>&</sup>lt;sup>1</sup>IP = inpatient hospital stay care setting

ED = emergency department care setting

AV = ambulatory visit care setting



Table 4. Summary of Pediatric Patients with Respiratory Syncytial Virus (RSV) and RSV-Related Events and Preventative Services in the Sentinel Distributed Database (SDD) between January 1, 2008 and September 30, 2015, by Event and Year

Year	New Members with Event	New Event Episodes	Eligible Members	Member-Years	Incidence per 1,000 Eligible Members
	D, or AV Care Setting <sup>1</sup>	_р			- Grand House
2008	11,765	12,245	1,830,529	1,000,355.2	6.43
2009	11,248	11,594	1,701,999	946,296.7	6.61
2010	11,191	11,460	1,557,835	868,402.8	7.18
2011	11,760	12,016	1,453,915	809,892.3	8.09
2012	12,749	13,036	1,495,421	833,799.4	8.53
2013	12,453	12,688	1,484,801	820,977.0	8.39
2014	9,901	10,095	1,490,092	825,072.5	6.64
2015	6,380	6,468	1,171,321	529,309.0	5.45
RSV Diagnosis in IP or	r ED Care Setting or Two RS	SV Diagnoses in A	V Care Setting <sup>1</sup>		
2008	5,896	5,937	1,830,529	1,000,355.2	3.22
2009	5,447	5,483	1,701,999	946,296.7	3.20
2010	5,514	5,541	1,557,835	868,402.8	3.54
2011	5,758	5,781	1,453,915	809,892.3	3.96
2012	5,935	5,963	1,495,421	833,799.4	3.97
2013	5,804	5,834	1,484,801	820,977.0	3.91
2014	4,631	4,657	1,490,092	825,072.5	3.11
2015	2,837	2,844	1,171,321	529,309.0	2.42
Polymerase Chain Re	action (PCR) Lab Test for R	SV or Antigen Lab	Test for RSV		
2008	4,924	5,139	1,830,529	1,000,355.2	2.69
2009	9,387	9,785	1,701,999	946,296.7	5.52
2010	11,681	12,172	1,557,835	868,402.8	7.50
2011	10,912	11,459	1,453,915	809,892.3	7.51
2012	13,125	13,899	1,495,421	833,799.4	8.78
2013	13,446	14,219	1,484,801	820,977.0	9.06
2014	14,952	15,813	1,490,092	825,072.5	10.03
2015	7,463	7,695	1,171,321	529,309.0	6.37
PCR Lab Test for RSV					
2008	2,376	2,435	1,830,529	1,000,355.2	1.30
2009	6,688	6,865	1,701,999	946,296.7	3.93
2010	9,403	9,776	1,557,835	868,402.8	6.04
2011	8,554	8,979	1,453,915	809,892.3	5.88
2012	10,767	11,413	1,495,421	833,799.4	7.20
2013	11,067	11,721	1,484,801	820,977.0	7.45
2014	12,916	13,667	1,490,092	825,072.5	8.67
2015	6,156	6,350	1,171,321	529,309.0	5.26



Table 4. Summary of Pediatric Patients with Respiratory Syncytial Virus (RSV) and RSV-Related Events and Preventative Services in the Sentinel Distributed Database (SDD) between January 1, 2008 and September 30, 2015, by Event and Year

	New Members with	New Event			Incidence per 1,000
Year	Event	Episodes	<b>Eligible Members</b>	Member-Years	<b>Eligible Members</b>
<b>Antigen Lab Test fo</b>	or RSV				
2008	2,560	2,714	1,830,529	1,000,355.2	1.40
2009	2,735	2,943	1,701,999	946,296.7	1.61
2010	2,344	2,457	1,557,835	868,402.8	1.50
2011	2,437	2,546	1,453,915	809,892.3	1.68
2012	2,444	2,541	1,495,421	833,799.4	1.63
2013	2,494	2,582	1,484,801	820,977.0	1.68
2014	2,147	2,225	1,490,092	825,072.5	1.44
2015	1,354	1,384	1,171,321	529,309.0	1.16
<b>Synagis Dispensing</b>	or Procedure				
2008	6,588	8,758	1,830,529	1,000,355.2	3.60
2009	3,531	4,423	1,701,999	946,296.7	2.07
2010	3,360	3,983	1,557,835	868,402.8	2.16
2011	3,420	4,076	1,453,915	809,892.3	2.35
2012	3,557	4,011	1,495,421	833,799.4	2.38
2013	3,477	3,759	1,484,801	820,977.0	2.34
2014	2,530	2,779	1,490,092	825,072.5	1.70
2015	368	385	1,171,321	529,309.0	0.31
<b>Bronchiolitis Diagn</b>	osis				
2008	120,512	139,144	1,830,529	1,000,355.2	65.83
2009	118,076	136,570	1,701,999	946,296.7	69.37
2010	113,276	129,660	1,557,835	868,402.8	72.71
2011	108,731	124,460	1,453,915	809,892.3	74.78
2012	114,296	130,041	1,495,421	833,799.4	76.43
2013	107,244	122,249	1,484,801	820,977.0	72.23
2014	96,014	109,510	1,490,092	825,072.5	64.43
2015	65,678	73,437	1,171,321	529,309.0	56.07

<sup>&</sup>lt;sup>1</sup>IP = inpatient hospital stay care setting

ED = emergency department care setting

AV = ambulatory visit care setting



Table 5. Summary of Pediatric Patients with Respiratory Syncytial Virus (RSV) and RSV-Related Events and Preventative Services in the Sentinel Distributed Database (SDD) between January 1, 2008 and September 30, 2015, by Event and Year-Month

Year-Month	New Members with Event	New Event Episodes	Eligible Members	Member-Years	Incidence per 1,000 Eligible Members
RSV Diagnosis in IP, I	ED, or AV Care Setting <sup>1</sup>				
2008					
January	3,901	3,901	1,066,701	86,148.5	3.66
February	2,889	2,889	1,059,065	80,278.2	2.73
March	1,097	1,097	1,060,907	85,897.8	1.03
April	402	402	1,054,584	82,633.3	0.38
May	157	157	1,053,327	85,171.5	0.15
June	79	79	1,046,657	81,938.5	0.08
July	47	47	1,047,054	84,627.3	0.04
August	79	79	1,043,895	84,268.5	0.08
September	149	149	1,038,752	81,271.8	0.14
October	304	304	1,039,103	83,901.8	0.29
November	893	893	1,031,347	80,925.8	0.87
December	2,248	2,248	1,026,332	83,292.2	2.19
2009					
January	3,307	3,307	1,032,221	83,503.9	3.20
February	2,871	2,871	1,019,162	74,680.5	2.82
March	1,387	1,387	1,014,826	82,301.0	1.37
April	474	474	1,005,713	78,828.5	0.47
May	163	163	1,001,628	81,058.3	0.16
June	86	86	993,504	77,892.1	0.09
July	70	70	989,932	80,014.8	0.07
August	86	86	983,135	79,409.3	0.09
September	161	161	975,860	76,396.5	0.16
October	308	308	972,033	78,588.7	0.32
November	736	736	964,312	75,724.9	0.76
December	1,945	1,945	958,613	77,898.2	2.03
2010					
January	3,189	3,189	939,193	76,048.3	3.40
February	3,304	3,304	929,843	68,174.0	3.55
March	1,708	1,708	926,231	75,225.0	1.84
April	421	421	919,161	72,050.1	0.46
May	151	151	915,169	74,154.2	0.16
June	86	86	912,470	71,401.0	0.09
July	45	45	908,764	73,538.8	0.05
August	73	73	903,084	73,041.0	0.08
September	107	107	899,597	70,302.0	0.12
October	231	231	895,216	72,409.6	0.26
November	580	580	889,746	69,886.3	0.65
December	1,565	1,565	888,369	72,172.5	1.76
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Table 5. Summary of Pediatric Patients with Respiratory Syncytial Virus (RSV) and RSV-Related Events and Preventative Services in the Sentinel Distributed Database (SDD) between January 1, 2008 and September 30, 2015, by Event and Year-Month

	New Members wi	ith	Eligible		Incidence per 1,000
Year-Month	Event	<b>New Event Episodes</b>	Members	Member-Years	<b>Eligible Members</b>
2011					
January	2,687	2,687	865,533	70,108.1	3.10
February	3,453	3,453	859,497	63,002.9	4.02
March	2,508	2,508	858,226	69,712.5	2.92
April	661	661	853,516	66,884.4	0.77
May	206	206	851,340	68,962.2	0.24
June	58	58	848,767	66,446.3	0.07
July	42	42	846,244	68,428.7	0.05
August	65	65	845,864	68,249.5	0.08
September	114	114	843,962	65,929.9	0.14
October	267	267	842,663	68,135.0	0.32
November	584	584	840,147	65,895.2	0.70
December	1,371	1,371	838,438	68,137.6	1.64
2012					
January	2,483	2,483	883,354	71,626.1	2.81
February	2,791	2,791	878,712	66,725.2	3.18
March	2,013	2,013	879,793	71,390.3	2.29
April	653	653	876,008	68,672.9	0.75
May	228	228	874,695	70,894.5	0.26
June	91	91	873,566	68,367.1	0.10
July	50	50	867,026	70,149.4	0.06
August	84	84	867,766	70,101.0	0.10
September	173	173	867,101	67,773.7	0.20
October	415	415	866,277	70,071.9	0.48
November	973	973	864,739	67,844.6	1.13
December	3,082	3,082	863,497	70,182.5	3.57
2013					
January	4,003	4,003	867,852	70,418.8	4.61
February	2,663	2,663	863,355	63,358.0	3.08
March	1,354	1,354	863,861	70,213.9	1.57
April	452	452	857,749	67,340.5	0.53
May	167	167	859,615	69,587.6	0.19
June	64	64	856,701	67,110.3	0.07
July	53	53	862,812	69,720.2	0.06
August	75	75	859,729	69,466.7	0.09
September	148	148	857,661	67,144.4	0.17
October	353	353	859,610	69,507.8	0.41
November	942	942	857,261	67,279.9	1.10
December	2,414	2,414	860,850	69,829.1	2.80



Table 5. Summary of Pediatric Patients with Respiratory Syncytial Virus (RSV) and RSV-Related Events and Preventative Services in the Sentinel Distributed Database (SDD) between January 1, 2008 and September 30, 2015, by Event and Year-Month

	New Members wi	th	Eligible		Incidence per 1,000
Year-Month	Event	<b>New Event Episodes</b>	Members	Member-Years	Eligible Members
2014					
January	2,834	2,834	866,262	70,391.4	3.27
February	2,066	2,066	865,895	63,553.1	2.39
March	1,297	1,297	866,997	70,453.3	1.50
April	472	472	867,334	68,110.2	0.54
May	178	178	870,264	70,534.5	0.20
June	83	83	868,573	68,108.4	0.10
July	48	48	869,055	70,286.9	0.06
August	57	57	861,186	69,457.3	0.07
September	111	111	858,593	67,238.6	0.13
October	282	282	861,321	69,640.5	0.33
November	648	648	858,342	67,416.7	0.75
December	2,019	2,019	859,827	69,881.5	2.35
2015					
January	2,337	2,337	770,543	62,600.0	3.03
February	2,284	2,284	769,569	56,510.4	2.97
March	1,152	1,152	774,152	62,937.3	1.49
April	379	379	771,182	58,787.7	0.49
May	92	92	749,597	60,682.9	0.12
June	51	51	747,595	58,631.0	0.07
July	41	41	706,566	57,117.3	0.06
August	47	47	704,104	56,919.4	0.07
September	85	85	704,057	55,123.0	0.12
RSV Diagnosis in IP o	or ED Care Setting or	Two RSV Diagnoses in AV (	Care Setting <sup>1</sup>		
2008		_			
January	1,978	1,978	1,066,701	86,148.5	1.85
February	1,459	1,459	1,059,065	80,278.2	1.38
March	537	537	1,060,907	85,897.8	0.51
April	171	171	1,054,584	82,633.3	0.16
May	63	63	1,053,327	85,171.5	0.06
June	31	31	1,046,657	81,938.5	0.03
July	19	19	1,047,054	84,627.3	0.02
August	24	24	1,043,895	84,268.5	0.02
September	58	58	1,038,752	81,271.8	0.06
October	116	116	1,039,103	83,901.8	0.11
November	417	417	1,031,347	80,925.8	0.40
December	1,064	1,064	1,026,332	83,292.2	1.04



Table 5. Summary of Pediatric Patients with Respiratory Syncytial Virus (RSV) and RSV-Related Events and Preventative Services in the Sentinel Distributed Database (SDD) between January 1, 2008 and September 30, 2015, by Event and Year-Month

Year-Month         Event         New Event Episodes         Members         Member-Years         Eligible Members           2009           January         1,558         1,558         1,032,221         83,503.9         1.51           February         1,347         1,347         1,019,162         74,680.5         1.32           March         659         659         1,014,826         82,301.0         0.65           April         207         207         1,005,713         78,828.5         0.21           May         67         67         1,001,628         81,058.3         0.07           June         36         36         993,504         77,892.1         0.04           June         36         36         993,504         77,892.1         0.04           June         36         36         993,504         77,892.1         0.04           September         76         76         975,860         76,396.5         0.08           October         138         138         98,313         77,898.2         1.01           Eptember         76         76         975,860         76,048.3         1.71           February         1,604         <		New Members wi	th	Eligible		Incidence per 1,000
January	Year-Month	Event	New Event Episodes	Members	Member-Years	Eligible Members
February         1,347         1,347         1,019,162         74,680.5         1.32           March         659         659         1,014,826         82,301.0         0.65           April         207         207         1,005,713         78,828.5         0.21           May         67         67         1,001,628         81,058.3         0.07           June         36         36         993,504         77,892.1         0.04           July         27         27         989,932         80,014.8         0.03           August         40         40         498,3135         79,409.3         0.04           September         76         76         975,860         76,396.5         0.08           October         138         138         192,033         78,588.7         0.14           November         358         358         964,312         75,724.9         0.37           December         970         970         958,613         77,898.2         1.01           2010         1         1,604         939,193         76,048.3         1.71           February         1,603         1,603         99,843         68,174.0         1.7	2009					
March         659         659         1,014,826         82,301.0         0.65           April         207         207         1,005,713         78,828.5         0.21           May         67         67         1,001,628         81,058.3         0.07           June         36         36         993,504         77,892.1         0.04           July         27         27         989,932         80,014.8         0.03           August         40         40         983,135         79,409.3         0.04           September         76         76         76         975,860         76,396.5         0.08           October         138         138         972,033         78,588.7         0.14           November         358         358         358         964,312         75,724.9         0.37           December         970         970         98,613         77,898.2         1.01           2010         1         1,604         939,193         76,048.3         1.71           February         1,603         1,603         929,843         68,174.0         1.72           March         813         813         93         926	January	1,558	1,558	1,032,221	83,503.9	1.51
April         207         207         1,005,713         78,828.5         0.21           May         67         67         1,001,628         81,058.3         0.07           June         36         36         993,504         77,892.1         0.04           July         27         27         989,932         80,014.8         0.03           August         40         40         983,135         79,409.3         0.04           September         76         76         76         975,860         76,396.5         0.08           October         138         138         972,033         78,588.7         0.14           November         358         358         964,312         75,724.9         0.37           December         970         970         958,613         77,898.2         1.01           2010         1         1,604         939,193         76,048.3         1.71           February         1,603         1,603         929,843         68,174.0         1.72           March         813         813         926,231         75,225.0         0.88           April         196         196         919,161         72,050.1	February	1,347	1,347	1,019,162	74,680.5	1.32
May         67         67         1,001,628         81,058.3         0.07           June         36         36         993,504         77,892.1         0.04           July         27         27         989,932         80,014.8         0.03           August         40         40         983,135         79,409.3         0.04           September         76         76         975,860         76,396.5         0.08           October         138         138         972,033         78,588.7         0.14           November         358         358         964,312         75,724.9         0.37           December         970         970         998,613         77,898.2         1.01           2010         1         1,604         939,193         76,048.3         1.71           February         1,603         1,604         939,193         76,048.3         1.71           February         1,603         1,604         939,193         76,048.3         1.71           March         813         813         8926,231         75,225.0         0.88           April         196         196         191,61         72,050.1         0.21	March	659	659	1,014,826	82,301.0	0.65
June         36         36         993,504         77,892.1         0.04           July         27         27         989,932         80,014.8         0.03           August         40         40         983,135         79,409.3         0.04           September         76         76         975,860         76,396.5         0.08           October         138         138         972,033         78,588.7         0.14           November         358         358         964,312         75,724.9         0.37           December         970         970         995,613         77,898.2         1.01           2010           January         1,604         1,604         939,193         76,048.3         1.71           February         1,603         1,603         929,843         68,174.0         1.72           March         813         813         926,231         75,225.0         0.88           April         196         196         919,161         72,050.1         0.21           May         57         57         915,169         74,154.2         0.06           June         38         38	April	207	207	1,005,713	78,828.5	0.21
July         27         27         989,932         80,014.8         0.03           August         40         40         983,135         79,409.3         0.04           September         76         76         975,860         76,965.5         0.08           October         138         138         972,033         78,588.7         0.14           November         358         358         964,312         75,724.9         0.37           December         970         970         958,613         77,898.2         1.01           2010         31         1,604         1,604         939,193         76,048.3         1.71           February         1,603         1,603         929,843         68,174.0         1.72           March         813         813         926,231         75,225.0         0.88           April         196         196         919,161         72,050.1         0.21           May         57         57         915,169         74,154.2         0.06           Jule         38         38         912,470         71,401.0         0.04           August         32         32         903,084         73,041.0	May	67	67	1,001,628	81,058.3	0.07
August         40         40         983,135         79,409.3         0.04           September         76         76         975,860         76,396.5         0.08           October         138         138         972,033         78,588.7         0.14           November         358         358         964,312         75,724.9         0.37           December         970         970         958,613         77,898.2         1.01           2010         1,604         1,604         939,193         76,048.3         1.71           February         1,603         1,603         929,843         68,174.0         1.72           March         813         813         926,231         75,225.0         0.88           April         196         196         919,161         72,050.1         0.21           May         57         57         915,169         74,154.2         0.06           June         38         38         912,470         71,401.0         0.04           July         18         18         908,764         73,538.8         0.02           August         32         32         32         93,084         73,041.0	June	36	36	993,504	77,892.1	0.04
September October         76         76         975,860         76,396.5         0.08           October         138         138         972,033         78,588.7         0.14           November         358         358         964,312         75,724.9         0.37           December         970         970         958,613         77,898.2         1.01           Zotto           January         1,604         1,604         939,193         76,048.3         1.71           February         1,603         1,603         929,843         68,174.0         1.72           March         813         813         926,231         75,225.0         0.88           April         196         196         919,161         72,050.1         0.21           May         57         57         915,169         74,154.2         0.06           June         38         38         912,470         71,401.0         0.04           July         18         18         908,764         73,538.8         0.02           August         32         32         903,084         73,041.0         0.04           October         112	July	27	27	989,932	80,014.8	0.03
October         138         138         972,033         78,588.7         0.14           November         358         358         964,312         75,724.9         0.37           December         970         970         958,613         77,898.2         1.01           2010         310         75,724.9         0.37         0.04         1.01           2010         310         329,843         68,174.0         1.72           March         813         1,603         929,843         68,174.0         1.72           March         813         813         926,231         75,225.0         0.88           April         196         196         919,161         72,050.1         0.21           May         57         57         915,169         74,154.2         0.06           July         18         18         908,764         73,538.8         0.02           August         32         32         903,084         73,041.0         0.04           September         39         39         899,597         70,302.0         0.04           October         112         112         895,216         72,409.6         0.13           N	August	40	40	983,135	79,409.3	0.04
November December         358 problems         358 problems         964,312 problems         75,724.9 problems         0.37 problems           2010         2010         77,898.2 problems         1.01           January problems         1,604 problems         1,604 problems         939,193 problems         76,048.3 problems         1.71           February problems         1,603 problems         1,603 problems         929,843 problems         68,174.0 problems         1.72           March problems         813 problems         813 problems         929,843 problems         68,174.0 problems         1.72           March problems         813 problems         813 problems         929,843 problems         68,174.0 problems         1.72           May         196 problems         196 problems         191,611 problems         75,225.0 problems         0.88           April problems         38 problems         38 problems         38 problems         919,161 problems         72,050.1 problems         0.01           July problems         38 problems         38 problems         38 problems         38 problems         38 problems         30.02         0.04           October         112 problems         112 problems         889,746 problems         69,886.3 problems         0.30         0.30         0.04	September	76	76	975,860	76,396.5	0.08
December         970         958,613         77,898.2         1.01           2010         1,604         1,604         939,193         76,048.3         1.71           February         1,603         1,603         929,843         68,174.0         1.72           March         813         813         926,231         75,225.0         0.88           April         196         196         919,161         72,050.1         0.21           May         57         57         915,169         74,154.2         0.06           June         38         38         912,470         71,401.0         0.04           July         18         18         908,764         73,538.8         0.02           August         32         32         903,084         73,041.0         0.04           October         112         112         895,216         72,409.6         0.13           November         271         271         889,746         69,886.3         0.30           December         758         758         888,369         72,172.5         0.85           2011         1,721         1,721         859,497         63,002.9         2.00	October	138	138	972,033	78,588.7	0.14
January   1,604   1,604   939,193   76,048.3   1.71   February   1,603   1,603   929,843   68,174.0   1.72   March   813   813   926,231   75,225.0   0.88   April   196   196   919,161   72,050.1   0.21   May   57   57   915,169   74,154.2   0.06   July   18   18   908,764   73,538.8   0.02   August   32   32   903,084   73,041.0   0.04   September   39   39   899,597   70,302.0   0.04   0.04   0.05   0	November	358	358	964,312	75,724.9	0.37
January         1,604         1,604         939,193         76,048.3         1.71           February         1,603         1,603         929,843         68,174.0         1.72           March         813         813         926,231         75,225.0         0.88           April         196         196         919,161         72,050.1         0.21           May         57         57         915,169         74,154.2         0.06           June         38         38         912,470         71,401.0         0.04           July         18         18         908,764         73,538.8         0.02           August         32         32         903,084         73,041.0         0.04           September         39         39         899,597         70,302.0         0.04           October         112         112         895,216         72,409.6         0.13           November         271         271         889,746         69,886.3         0.30           December         758         758         888,369         72,172.5         0.85           2011         31uary         1,327         1,327         865,533         70,108.1 </td <td>December</td> <td>970</td> <td>970</td> <td>958,613</td> <td>77,898.2</td> <td>1.01</td>	December	970	970	958,613	77,898.2	1.01
February         1,603         1,603         929,843         68,174.0         1.72           March         813         813         926,231         75,225.0         0.88           April         196         196         919,161         72,050.1         0.21           May         57         57         915,169         74,154.2         0.06           June         38         38         912,470         71,401.0         0.04           July         18         18         908,764         73,538.8         0.02           August         32         32         903,084         73,041.0         0.04           September         39         39         899,597         70,302.0         0.04           October         112         112         895,216         72,409.6         0.13           November         271         271         889,746         69,886.3         0.30           December         758         758         888,369         72,172.5         0.85           2011         1,202         1,327         865,533         70,108.1         1.53           February         1,721         1,721         859,497         63,002.9         2.00 <td>2010</td> <td></td> <td></td> <td></td> <td></td> <td></td>	2010					
March         813         813         926,231         75,225.0         0.88           April         196         196         919,161         72,050.1         0.21           May         57         57         915,169         74,154.2         0.06           June         38         38         912,470         71,401.0         0.04           July         18         18         908,764         73,538.8         0.02           August         32         32         903,084         73,041.0         0.04           September         39         39         899,597         70,302.0         0.04           October         112         112         895,216         72,409.6         0.13           November         271         271         897,46         69,886.3         0.30           December         758         758         888,369         72,172.5         0.85           2011         1,327         1,327         865,533         70,108.1         1.53           February         1,721         1,721         859,497         63,002.9         2.00           March         1,202         1,202         858,226         69,712.5         1.40	January	1,604	1,604	939,193	76,048.3	1.71
April         196         196         919,161         72,050.1         0.21           May         57         57         915,169         74,154.2         0.06           June         38         38         912,470         71,401.0         0.04           July         18         18         908,764         73,538.8         0.02           August         32         32         903,084         73,041.0         0.04           September         39         39         899,597         70,302.0         0.04           October         112         112         895,216         72,409.6         0.13           November         271         271         889,746         69,886.3         0.30           December         758         758         888,369         72,172.5         0.85           2011         January         1,327         1,327         865,533         70,108.1         1.53           February         1,721         1,721         859,497         63,002.9         2.00           March         1,202         1,202         858,226         69,712.5         1.40           April         314         314         853,516 <td< td=""><td>February</td><td>1,603</td><td>1,603</td><td>929,843</td><td>68,174.0</td><td>1.72</td></td<>	February	1,603	1,603	929,843	68,174.0	1.72
May         57         57         915,169         74,154.2         0.06           June         38         38         912,470         71,401.0         0.04           July         18         18         908,764         73,538.8         0.02           August         32         32         903,084         73,041.0         0.04           September         39         39         899,597         70,302.0         0.04           October         112         112         885,216         72,409.6         0.13           November         271         271         889,746         69,886.3         0.30           December         758         758         888,369         72,172.5         0.85           2011         January         1,327         1,327         865,533         70,108.1         1.53           February         1,721         1,721         859,497         63,002.9         2.00           March         1,202         1,202         858,226         69,712.5         1.40           April         314         314         853,516         66,884.4         0.37           May         97         97         851,340         68,962.2	March	813	813	926,231	75,225.0	0.88
June         38         38         912,470         71,401.0         0.04           July         18         18         908,764         73,538.8         0.02           August         32         32         903,084         73,041.0         0.04           September         39         39         899,597         70,302.0         0.04           October         112         112         895,216         72,409.6         0.13           November         271         271         889,746         69,886.3         0.30           December         758         758         888,369         72,172.5         0.85           2011         January         1,327         1,327         865,533         70,108.1         1.53           February         1,721         1,721         859,497         63,002.9         2.00           March         1,202         1,202         858,226         69,712.5         1.40           April         314         314         853,516         66,884.4         0.37           May         97         97         851,340         68,962.2         0.11           June         25         25         848,767         66,446.3	April	196	196	919,161	72,050.1	0.21
July         18         18         908,764         73,538.8         0.02           August         32         32         903,084         73,041.0         0.04           September         39         39         899,597         70,302.0         0.04           October         112         112         895,216         72,409.6         0.13           November         271         271         889,746         69,886.3         0.30           December         758         758         888,369         72,172.5         0.85           2011         January         1,327         1,327         865,533         70,108.1         1.53           February         1,721         1,721         859,497         63,002.9         2.00           March         1,202         1,202         858,226         69,712.5         1.40           April         314         314         853,516         66,884.4         0.37           May         97         97         851,340         68,962.2         0.11           June         25         25         848,767         66,446.3         0.03           July         14         14         846,244         68	May	57	57	915,169	74,154.2	0.06
August         32         32         903,084         73,041.0         0.04           September         39         39         899,597         70,302.0         0.04           October         112         112         895,216         72,409.6         0.13           November         271         271         889,746         69,886.3         0.30           December         758         758         888,369         72,172.5         0.85           2011         310         1,327         1,327         865,533         70,108.1         1.53           February         1,721         1,721         859,497         63,002.9         2.00           March         1,202         1,202         858,226         69,712.5         1.40           April         314         314         853,516         66,884.4         0.37           May         97         97         851,340         68,962.2         0.11           June         25         25         848,767         66,446.3         0.03           July         14         14         846,244         68,428.7         0.02           August         31         31         845,864         68,249.5	June	38	38	912,470	71,401.0	0.04
September         39         39         899,597         70,302.0         0.04           October         112         112         895,216         72,409.6         0.13           November         271         271         889,746         69,886.3         0.30           December         758         758         888,369         72,172.5         0.85           2011         January         1,327         1,327         865,533         70,108.1         1.53           February         1,721         1,721         859,497         63,002.9         2.00           March         1,202         1,202         858,226         69,712.5         1.40           April         314         314         853,516         66,884.4         0.37           May         97         97         851,340         68,962.2         0.11           June         25         25         848,767         66,446.3         0.03           July         14         14         846,244         68,428.7         0.02           August         31         31         845,864         68,249.5         0.04           September         48         48         843,962         <	July	18	18	908,764	73,538.8	0.02
October         112         112         895,216         72,409.6         0.13           November         271         271         889,746         69,886.3         0.30           December         758         758         888,369         72,172.5         0.85           2011         January         1,327         1,327         865,533         70,108.1         1.53           February         1,721         1,721         859,497         63,002.9         2.00           March         1,202         1,202         858,226         69,712.5         1.40           April         314         314         853,516         66,884.4         0.37           May         97         97         851,340         68,962.2         0.11           June         25         25         848,767         66,446.3         0.03           July         14         14         846,244         68,428.7         0.02           August         31         31         845,864         68,249.5         0.04           September         48         48         843,962         65,929.9         0.06           October         117         117         842,663         <	August	32	32	903,084	73,041.0	0.04
November December         271 Post Post Post Post Post Post Post Post	September	39	39	899,597	70,302.0	0.04
December         758         758         888,369         72,172.5         0.85           2011           January         1,327         1,327         865,533         70,108.1         1.53           February         1,721         1,721         859,497         63,002.9         2.00           March         1,202         1,202         858,226         69,712.5         1.40           April         314         314         853,516         66,884.4         0.37           May         97         97         851,340         68,962.2         0.11           June         25         25         848,767         66,446.3         0.03           July         14         14         846,244         68,428.7         0.02           August         31         31         845,864         68,249.5         0.04           September         48         48         843,962         65,929.9         0.06           October         117         117         842,663         68,135.0         0.14           November         253         253         840,147         65,895.2         0.30	October	112	112	895,216	72,409.6	0.13
January       1,327       1,327       865,533       70,108.1       1.53         February       1,721       1,721       859,497       63,002.9       2.00         March       1,202       1,202       858,226       69,712.5       1.40         April       314       314       853,516       66,884.4       0.37         May       97       97       851,340       68,962.2       0.11         June       25       25       848,767       66,446.3       0.03         July       14       14       846,244       68,428.7       0.02         August       31       31       845,864       68,249.5       0.04         September       48       48       843,962       65,929.9       0.06         October       117       117       842,663       68,135.0       0.14         November       253       253       840,147       65,895.2       0.30	November	271	271	889,746	69,886.3	0.30
January       1,327       1,327       865,533       70,108.1       1.53         February       1,721       1,721       859,497       63,002.9       2.00         March       1,202       1,202       858,226       69,712.5       1.40         April       314       314       853,516       66,884.4       0.37         May       97       97       851,340       68,962.2       0.11         June       25       25       848,767       66,446.3       0.03         July       14       14       846,244       68,428.7       0.02         August       31       31       845,864       68,249.5       0.04         September       48       48       843,962       65,929.9       0.06         October       117       117       842,663       68,135.0       0.14         November       253       253       840,147       65,895.2       0.30	December	758	758	888,369	72,172.5	0.85
February       1,721       1,721       859,497       63,002.9       2.00         March       1,202       1,202       858,226       69,712.5       1.40         April       314       314       853,516       66,884.4       0.37         May       97       97       851,340       68,962.2       0.11         June       25       25       848,767       66,446.3       0.03         July       14       14       846,244       68,428.7       0.02         August       31       31       845,864       68,249.5       0.04         September       48       48       843,962       65,929.9       0.06         October       117       117       842,663       68,135.0       0.14         November       253       253       840,147       65,895.2       0.30	2011					
March       1,202       1,202       858,226       69,712.5       1.40         April       314       314       853,516       66,884.4       0.37         May       97       97       851,340       68,962.2       0.11         June       25       25       848,767       66,446.3       0.03         July       14       14       846,244       68,428.7       0.02         August       31       31       845,864       68,249.5       0.04         September       48       48       843,962       65,929.9       0.06         October       117       117       842,663       68,135.0       0.14         November       253       253       840,147       65,895.2       0.30	January	1,327	1,327	865,533	70,108.1	1.53
April       314       314       853,516       66,884.4       0.37         May       97       97       851,340       68,962.2       0.11         June       25       25       848,767       66,446.3       0.03         July       14       14       846,244       68,428.7       0.02         August       31       31       845,864       68,249.5       0.04         September       48       48       843,962       65,929.9       0.06         October       117       117       842,663       68,135.0       0.14         November       253       253       840,147       65,895.2       0.30	February	1,721	1,721	859,497	63,002.9	2.00
May       97       97       851,340       68,962.2       0.11         June       25       25       848,767       66,446.3       0.03         July       14       14       846,244       68,428.7       0.02         August       31       31       845,864       68,249.5       0.04         September       48       48       843,962       65,929.9       0.06         October       117       117       842,663       68,135.0       0.14         November       253       253       840,147       65,895.2       0.30	March	1,202	1,202	858,226	69,712.5	1.40
June       25       25       848,767       66,446.3       0.03         July       14       14       846,244       68,428.7       0.02         August       31       31       845,864       68,249.5       0.04         September       48       48       843,962       65,929.9       0.06         October       117       117       842,663       68,135.0       0.14         November       253       253       840,147       65,895.2       0.30	April	314	314	853,516	66,884.4	0.37
July     14     14     846,244     68,428.7     0.02       August     31     31     845,864     68,249.5     0.04       September     48     48     843,962     65,929.9     0.06       October     117     117     842,663     68,135.0     0.14       November     253     253     840,147     65,895.2     0.30	May	97	97	851,340	68,962.2	0.11
August       31       31       845,864       68,249.5       0.04         September       48       48       843,962       65,929.9       0.06         October       117       117       842,663       68,135.0       0.14         November       253       253       840,147       65,895.2       0.30	June	25	25	848,767	66,446.3	0.03
September     48     48     843,962     65,929.9     0.06       October     117     117     842,663     68,135.0     0.14       November     253     253     840,147     65,895.2     0.30	July	14	14	846,244	68,428.7	0.02
October     117     117     842,663     68,135.0     0.14       November     253     253     840,147     65,895.2     0.30	August	31	31	845,864	68,249.5	0.04
November 253 253 840,147 65,895.2 0.30	September	48	48	843,962	65,929.9	0.06
	October	117	117	842,663	68,135.0	0.14
December 632 632 838,438 68,137.6 0.75	November	253	253	840,147	65,895.2	0.30
	December	632	632	838,438	68,137.6	0.75



Table 5. Summary of Pediatric Patients with Respiratory Syncytial Virus (RSV) and RSV-Related Events and Preventative Services in the Sentinel Distributed Database (SDD) between January 1, 2008 and September 30, 2015, by Event and Year-Month

Year-Month         Event         New Event Episodes         Members         Member-Years         Eligible Members           2012           January         1,120         1,120         883,354         71,626.1         1.27           February         1,250         1,250         878,712         66,725.2         1.42           March         896         896         879,793         71,390.3         1.02           April         322         322         376.008         68,672.9         0.37           May         107         107         874,695         70,894.5         0.12           June         31         31         873,566         68,367.1         0.04           June         31         31         873,566         70,101.0         0.04           September         68         68         867,101         67,773.7         0.08           October         173         173         866,277         70,071.9         0.20           November         441         441         864,399         67,844.6         0.51           December         1,487         1,281         867,852         70,418.8         2.11           February         1,260		New Members wit	th	Eligible		Incidence per 1,000
January	Year-Month	Event	New Event Episodes	Members	Member-Years	Eligible Members
February         1,250         1,250         878,712         66,725.2         1.42           March         896         896         879,793         71,390.3         1.02           April         322         322         876,008         68,672.9         0.37           May         107         107         874,695         70,894.5         0.12           June         31         31         873,566         68,367.1         0.04           July         29         29         867,026         70,149.4         0.03           August         39         39         867,766         70,101.0         0.04           September         68         68         867,101         67,773.7         0.08           October         173         173         866,277         70,071.9         0.20           November         441         441         864,739         67,844.6         0.51           December         1,487         1,487         863,497         70,118.2         1.72           2013         1         1,250         863,355         63,585.0         1.45           March         649         649         863,861         70,213.9         0.75	2012					
March         896         896         879,793         71,390.3         1.02           April         322         322         876,008         68,672.9         0.37           May         107         107         874,695         70,894.5         0.12           June         31         31         873,566         68,367.1         0.04           July         29         29         867,026         70,149.4         0.03           August         39         39         867,766         70,101.0         0.04           September         68         68         867,101         67,773.7         0.08           October         173         173         866,277         70,071.9         0.20           November         441         441         864,739         67,844.6         0.51           December         1,487         1,487         863,497         70,182.5         1.72           2013         January         1,831         1,831         867,852         70,418.8         2.11           February         1,250         1,250         863,355         63,358.0         1.45           March         649         649         863,861         70,213.9<	January	1,120	1,120	883,354	71,626.1	1.27
April         322         322         876,008         68,672.9         0.37           May         107         107         874,695         70,894.5         0.12           June         31         31         31         873,566         68,367.1         0.04           July         29         29         867,026         70,149.4         0.03           August         39         39         867,766         70,101.0         0.04           September         68         68         867,101         67,773.7         0.08           October         173         173         866,277         70,071.9         0.20           November         441         441         864,739         67,844.6         0.51           December         1,487         1,487         863,497         70,182.5         1.72           201         20         863,355         63,358.0         1.45           March         649         649         863,861         70,213.9         0.75           April         214         214         857,749         67,340.5         0.25           May         73         73         859,615         69,587.6         0.08 <t< td=""><td>February</td><td>1,250</td><td>1,250</td><td>878,712</td><td>66,725.2</td><td>1.42</td></t<>	February	1,250	1,250	878,712	66,725.2	1.42
May         107         107         874,695         70,894.5         0.12           June         31         31         873,566         68,367.1         0.04           July         29         29         867,026         70,149.4         0.03           August         39         39         867,766         70,101.0         0.04           September         68         68         867,101         67,773.7         0.08           October         173         173         866,277         70,071.9         0.20           November         441         441         864,739         67,844.6         0.51           December         1,487         1,487         863,497         70,182.5         1.72           2013         1         1,831         1,831         867,852         70,418.8         2.11           February         1,250         1,250         863,355         63,355.0         1.45           April         214         214         857,749         67,340.5         0.25           April         214         214         857,749         67,340.5         0.25           May         73         73         89,615         69,587.6	March	896	896	879,793	71,390.3	1.02
June         31         31         873,566         68,367.1         0.04           July         29         29         867,026         70,149.4         0.03           August         39         39         867,766         70,101.0         0.04           September         68         68         867,101         67,773.7         0.08           October         173         173         866,277         70,071.9         0.20           November         441         441         864,739         67,844.6         0.51           December         1,487         1,487         863,497         70,182.5         1.72           January         1,831         1,831         867,852         70,418.8         2.11           February         1,250         1,250         863,851         70,213.9         0.75           April         214         214         857,749         67,340.5         0.25           May         73         73         859,615         69,587.6         0.08           June         26         26         856,701         67,110.3         0.03           July         20         20         862,812         69,720.2         0	April	322	322	876,008	68,672.9	0.37
July         29         29         867,026         70,149.4         0.03           August         39         39         867,766         70,101.0         0.04           September         68         68         867,101         67,773.7         0.08           October         173         173         866,277         70,071.9         0.20           November         441         441         864,739         67,844.6         0.51           December         1,487         1,487         863,497         70,182.5         1,72           2013         30         1,250         863,497         70,182.5         1,72           2013         31         1,831         867,852         70,418.8         2,11           February         1,250         1,250         863,355         63,358.0         1,45           March         649         649         863,861         70,213.9         0,75           April         214         214         857,749         67,340.5         0,25           May         73         73         859,615         69,587.6         0,08           Jule         26         26         856,701         67,110.3         0,03	May	107	107	874,695	70,894.5	0.12
August         39         39         867,766         70,101.0         0.04           September         68         68         867,101         67,773.7         0.08           October         173         173         866,277         70,071.9         0.20           November         441         441         864,739         67,844.6         0.51           December         1,487         1,487         863,497         70,182.5         1,72           2013           January         1,831         1,831         867,852         70,418.8         2,11           February         1,250         1,250         863,355         63,358.0         1,45           March         649         649         863,861         70,213.9         0,75           April         214         214         857,749         67,340.5         0,25           May         73         73         859,615         69,587.6         0,08           June         26         26         26         856,701         67,110.3         0,03           July         20         20         862,812         69,720.2         0,02           August         38	June	31	31	873,566	68,367.1	0.04
September October         68         68         867,101         67,773.7         0.08           October October         173         173         866,277         70,071.9         0.20           November A41         441         864,739         67,844.6         0.51           December 1,487         1,487         863,497         70,182.5         1.72           2013           January         1,831         1,831         867,852         70,418.8         2.11           February         1,250         1,250         863,355         63,358.0         1.45           March         649         649         863,861         70,213.9         0.75           April         214         214         857,749         67,340.5         0.25           May         73         73         859,615         69,587.6         0.08           June         26         26         856,701         67,110.3         0.03           July         20         20         862,812         69,720.2         0.02           August         38         38         859,729         69,466.7         0.04           September         61         159         859,610<	July	29	29	867,026	70,149.4	0.03
October November         173         173         866,277         70,071.9         0.20           November December         441         441         864,739         67,844.6         0.51           December         1,487         1,487         863,497         70,182.5         1.72           2013         31         1,831         867,852         70,418.8         2.11           February         1,250         1,250         863,355         63,358.0         1.45           March         649         649         863,861         70,213.9         0.75           April         214         214         857,749         67,340.5         0.25           May         73         73         859,615         69,587.6         0.08           Jule         26         26         26         856,701         67,110.3         0.03           July         20         20         862,812         69,720.2         0.02           August         38         38         859,729         69,466.7         0.04           September         61         61         857,661         67,144.4         0.07           October         159         159         859,610 <th< td=""><td>August</td><td>39</td><td>39</td><td>867,766</td><td>70,101.0</td><td>0.04</td></th<>	August	39	39	867,766	70,101.0	0.04
November December         441 (487)         441 (487)         864,739 (70,182.5)         0.51 (72)           December         1,487         1,487         863,497         70,182.5         1.72           2013         February         1,831         1,831         867,852         70,418.8         2.11           February         1,250         1,250         863,355         63,358.0         1.45           March         649         649         863,861         70,213.9         0.75           April         214         214         857,749         67,340.5         0.25           May         73         73         859,615         69,587.6         0.08           June         26         26         26         856,701         67,110.3         0.03           July         20         20         20         862,812         69,720.2         0.02           August         38         38         859,729         69,466.7         0.04           September         61         61         857,661         67,144.4         0.07           October         159         159         89,610         69,507.8         0.18           November         413	September	68	68	867,101	67,773.7	0.08
December         1,487         1,487         863,497         70,182.5         1.72           2013           January         1,831         1,831         867,852         70,418.8         2.11           February         1,250         1,250         863,355         63,358.0         1.45           March         649         649         863,861         70,213.9         0.75           April         214         214         857,749         67,340.5         0.25           May         73         73         859,615         69,587.6         0.08           June         26         26         856,701         67,110.3         0.03           July         20         20         862,812         69,720.2         0.02           August         38         38         859,729         69,466.7         0.04           September         61         61         857,661         67,144.4         0.07           October         159         159         859,610         69,507.8         0.18           November         413         413         857,261         67,279.9         0.48           December         1,100         1,263         866,262 <td>October</td> <td>173</td> <td>173</td> <td>866,277</td> <td>70,071.9</td> <td>0.20</td>	October	173	173	866,277	70,071.9	0.20
January   1,831   1,831   1,831   867,852   70,418.8   2.11   February   1,250   1,250   863,355   63,358.0   1.45   March   649   649   863,861   70,213.9   0.75   April   214   214   857,749   67,340.5   0.25   May   73   73   859,615   69,587.6   0.08   June   26   26   856,701   67,110.3   0.03   July   20   20   862,812   69,720.2   0.02   August   38   38   859,729   69,466.7   0.04   September   61   61   857,661   67,144.4   0.07   0ctober   159   159   859,610   69,507.8   0.18   November   413   413   857,261   67,279.9   0.48   December   1,100   1,100   860,850   69,829.1   1.28   2014   2014   235   235   866,997   70,453.3   0.70   April   235   235   867,334   68,110.2   0.27   May   96   96   870,264   70,534.5   0.11   June   43   43   868,573   68,108.4   0.05   July   24   24   869,055   70,286.9   0.03   September   51   51   888,593   67,238.6   0.06   0ctober   141   141   861,321   69,640.5   0.16   November   300   300   858,342   67,416.7   0.35	November	441	441	864,739	67,844.6	0.51
January   1,831   1,831   867,852   70,418.8   2.11     February   1,250   1,250   863,355   63,358.0   1.45     March   649   649   863,861   70,213.9   0.75     April   214   214   857,749   67,340.5   0.25     May   73   73   859,615   69,587.6   0.08     June   26   26   856,701   67,110.3   0.03     July   20   20   862,812   69,720.2   0.02     August   38   38   859,729   69,466.7   0.04     September   61   61   857,661   67,144.4   0.07     October   159   159   859,610   69,507.8   0.18     November   413   413   857,261   67,279.9   0.48     December   1,100   1,100   860,850   69,829.1   1.28      2014	December	1,487	1,487	863,497	70,182.5	1.72
February         1,250         1,250         863,355         63,358.0         1.45           March         649         649         863,861         70,213.9         0.75           April         214         214         857,749         67,340.5         0.25           May         73         73         859,615         69,587.6         0.08           June         26         26         856,701         67,110.3         0.03           July         20         20         862,812         69,720.2         0.02           August         38         38         859,729         69,466.7         0.04           September         61         61         857,661         67,144.4         0.07           October         159         159         859,610         69,507.8         0.18           November         413         413         857,261         67,279.9         0.48           December         1,100         1,100         860,850         69,829.1         1.28           2014         4         1,263         866,262         70,391.4         1.46           February         928         928         865,895         63,553.1         1.07	2013					
March         649         649         863,861         70,213.9         0.75           April         214         214         857,749         67,340.5         0.25           May         73         73         859,615         69,587.6         0.08           June         26         26         856,701         67,110.3         0.03           July         20         20         862,812         69,720.2         0.02           August         38         38         859,729         69,466.7         0.04           September         61         61         857,661         67,144.4         0.07           October         159         159         859,610         69,507.8         0.18           November         413         413         857,261         67,279.9         0.48           December         1,100         1,100         860,850         69,829.1         1.28           2014         1         1,263         1,263         866,262         70,391.4         1.46           February         928         928         865,895         63,553.1         1.07           March         605         605         866,997         70,453.3	January	1,831	1,831	867,852	70,418.8	2.11
April         214         214         857,749         67,340.5         0.25           May         73         73         859,615         69,587.6         0.08           June         26         26         856,701         67,110.3         0.03           July         20         20         862,812         69,720.2         0.02           August         38         38         859,729         69,466.7         0.04           September         61         61         857,661         67,144.4         0.07           October         159         159         859,610         69,507.8         0.18           November         413         413         857,261         67,279.9         0.48           December         1,100         1,100         860,850         69,829.1         1.28           2014         2014           January         1,263         1,263         866,262         70,391.4         1.46           February         928         928         865,895         63,553.1         1.07           March         605         605         866,997         70,453.3         0.70           April         235         235	February	1,250	1,250	863,355	63,358.0	1.45
May         73         73         859,615         69,587.6         0.08           June         26         26         856,701         67,110.3         0.03           July         20         20         862,812         69,720.2         0.02           August         38         38         859,729         69,466.7         0.04           September         61         61         857,661         67,144.4         0.07           October         159         159         859,610         69,507.8         0.18           November         413         413         857,261         67,279.9         0.48           December         1,100         1,100         860,850         69,829.1         1.28           2014  January         1,263         1,263         866,262         70,391.4         1.46           February         928         928         865,895         63,553.1         1.07           March         605         605         866,997         70,453.3         0.70           April         235         235         867,334         68,110.2         0.27           May         96         96         870,264         70,534	March	649	649	863,861	70,213.9	0.75
June 26 26 856,701 67,110.3 0.03 July 20 20 862,812 69,720.2 0.02 August 38 38 859,729 69,466.7 0.04 September 61 61 857,661 67,144.4 0.07 October 159 159 859,610 69,507.8 0.18 November 413 413 857,261 67,279.9 0.48 December 1,100 1,100 860,850 69,829.1 1.28  2014  January 1,263 1,263 866,262 70,391.4 1.46 February 928 928 865,895 63,553.1 1.07 March 605 605 866,997 70,453.3 0.70 April 235 235 867,334 68,110.2 0.27 May 96 96 870,264 70,534.5 0.11 June 43 43 43 868,573 68,108.4 0.05 July 24 24 869,055 70,286.9 0.03 August 23 23 861,186 69,457.3 0.03 September 51 51 858,593 67,238.6 0.06 October 141 141 861,321 69,640.5 0.16 November 300 300 858,342 67,416.7 0.35	April	214	214	857,749	67,340.5	0.25
July         20         20         862,812         69,720.2         0.02           August         38         38         859,729         69,466.7         0.04           September         61         61         857,661         67,144.4         0.07           October         159         159         859,610         69,507.8         0.18           November         413         413         857,261         67,279.9         0.48           December         1,100         1,100         860,850         69,829.1         1.28           2014           January         1,263         1,263         866,262         70,391.4         1.46           February         928         928         865,895         63,553.1         1.07           March         605         605         866,997         70,453.3         0.70           April         235         235         867,334         68,110.2         0.27           May         96         96         870,264         70,534.5         0.11           Jule         43         43         868,573         68,108.4         0.05           July         24         24         869,055	May	73	73	859,615	69,587.6	0.08
August         38         38         859,729         69,466.7         0.04           September         61         61         857,661         67,144.4         0.07           October         159         159         859,610         69,507.8         0.18           November         413         413         857,261         67,279.9         0.48           December         1,100         1,100         860,850         69,829.1         1.28           2014	June	26	26	856,701	67,110.3	0.03
September         61         61         857,661         67,144.4         0.07           October         159         159         859,610         69,507.8         0.18           November         413         413         857,261         67,279.9         0.48           December         1,100         1,100         860,850         69,829.1         1.28           2014         January         1,263         866,262         70,391.4         1.46           February         928         928         865,895         63,553.1         1.07           March         605         605         866,997         70,453.3         0.70           April         235         235         867,334         68,110.2         0.27           May         96         96         870,264         70,534.5         0.11           June         43         43         868,573         68,108.4         0.05           July         24         24         869,055         70,286.9         0.03           August         23         23         861,186         69,457.3         0.03           September         51         51         858,593         67,238.6 <t< td=""><td>July</td><td>20</td><td>20</td><td>862,812</td><td>69,720.2</td><td>0.02</td></t<>	July	20	20	862,812	69,720.2	0.02
October         159         159         859,610         69,507.8         0.18           November         413         413         857,261         67,279.9         0.48           December         1,100         1,100         860,850         69,829.1         1.28           2014         2014           January         1,263         1,263         866,262         70,391.4         1.46           February         928         928         865,895         63,553.1         1.07           March         605         605         866,997         70,453.3         0.70           April         235         235         867,334         68,110.2         0.27           May         96         96         870,264         70,534.5         0.11           June         43         43         868,573         68,108.4         0.05           July         24         24         869,055         70,286.9         0.03           August         23         23         861,186         69,457.3         0.03           September         51         51         858,593         67,238.6         0.06           October         141         141 <td>August</td> <td>38</td> <td>38</td> <td>859,729</td> <td>69,466.7</td> <td>0.04</td>	August	38	38	859,729	69,466.7	0.04
November December         413         413         857,261         67,279.9         0.48           December         1,100         1,100         860,850         69,829.1         1.28           2014         January         1,263         1,263         866,262         70,391.4         1.46           February         928         928         865,895         63,553.1         1.07           March         605         605         866,997         70,453.3         0.70           April         235         235         867,334         68,110.2         0.27           May         96         96         870,264         70,534.5         0.11           June         43         43         868,573         68,108.4         0.05           July         24         24         869,055         70,286.9         0.03           August         23         23         861,186         69,457.3         0.03           September         51         51         858,593         67,238.6         0.06           October         141         141         861,321         69,640.5         0.16           November         300         300         858,342	September	61	61	857,661	67,144.4	0.07
December         1,100         1,100         860,850         69,829.1         1.28           2014           January         1,263         1,263         866,262         70,391.4         1.46           February         928         928         865,895         63,553.1         1.07           March         605         605         866,997         70,453.3         0.70           April         235         235         867,334         68,110.2         0.27           May         96         96         870,264         70,534.5         0.11           June         43         43         868,573         68,108.4         0.05           July         24         24         869,055         70,286.9         0.03           August         23         23         861,186         69,457.3         0.03           September         51         51         858,593         67,238.6         0.06           October         141         141         861,321         69,640.5         0.16           November         300         300         858,342         67,416.7         0.35	October	159	159	859,610	69,507.8	0.18
January       1,263       1,263       866,262       70,391.4       1.46         February       928       928       865,895       63,553.1       1.07         March       605       605       866,997       70,453.3       0.70         April       235       235       867,334       68,110.2       0.27         May       96       96       870,264       70,534.5       0.11         June       43       43       868,573       68,108.4       0.05         July       24       24       869,055       70,286.9       0.03         August       23       23       861,186       69,457.3       0.03         September       51       51       858,593       67,238.6       0.06         October       141       141       861,321       69,640.5       0.16         November       300       300       858,342       67,416.7       0.35	November	413	413	857,261	67,279.9	0.48
January       1,263       1,263       866,262       70,391.4       1.46         February       928       928       865,895       63,553.1       1.07         March       605       605       866,997       70,453.3       0.70         April       235       235       867,334       68,110.2       0.27         May       96       96       870,264       70,534.5       0.11         June       43       43       868,573       68,108.4       0.05         July       24       24       869,055       70,286.9       0.03         August       23       23       861,186       69,457.3       0.03         September       51       51       858,593       67,238.6       0.06         October       141       141       861,321       69,640.5       0.16         November       300       300       858,342       67,416.7       0.35	December	1,100	1,100	860,850	69,829.1	1.28
February         928         928         865,895         63,553.1         1.07           March         605         605         866,997         70,453.3         0.70           April         235         235         867,334         68,110.2         0.27           May         96         96         870,264         70,534.5         0.11           June         43         43         868,573         68,108.4         0.05           July         24         24         869,055         70,286.9         0.03           August         23         23         861,186         69,457.3         0.03           September         51         51         858,593         67,238.6         0.06           October         141         141         861,321         69,640.5         0.16           November         300         300         858,342         67,416.7         0.35	2014					
March       605       605       866,997       70,453.3       0.70         April       235       235       867,334       68,110.2       0.27         May       96       96       870,264       70,534.5       0.11         June       43       43       868,573       68,108.4       0.05         July       24       24       869,055       70,286.9       0.03         August       23       23       861,186       69,457.3       0.03         September       51       51       858,593       67,238.6       0.06         October       141       141       861,321       69,640.5       0.16         November       300       300       858,342       67,416.7       0.35	January	1,263	1,263	866,262	70,391.4	1.46
April       235       235       867,334       68,110.2       0.27         May       96       96       870,264       70,534.5       0.11         June       43       43       868,573       68,108.4       0.05         July       24       24       869,055       70,286.9       0.03         August       23       23       861,186       69,457.3       0.03         September       51       51       858,593       67,238.6       0.06         October       141       141       861,321       69,640.5       0.16         November       300       300       858,342       67,416.7       0.35	February	928	928	865,895	63,553.1	1.07
May       96       96       870,264       70,534.5       0.11         June       43       43       868,573       68,108.4       0.05         July       24       24       869,055       70,286.9       0.03         August       23       23       861,186       69,457.3       0.03         September       51       51       858,593       67,238.6       0.06         October       141       141       861,321       69,640.5       0.16         November       300       300       858,342       67,416.7       0.35	March	605	605	866,997	70,453.3	0.70
June       43       43       868,573       68,108.4       0.05         July       24       24       869,055       70,286.9       0.03         August       23       23       861,186       69,457.3       0.03         September       51       51       858,593       67,238.6       0.06         October       141       141       861,321       69,640.5       0.16         November       300       300       858,342       67,416.7       0.35	April	235	235	867,334	68,110.2	0.27
July     24     24     869,055     70,286.9     0.03       August     23     23     861,186     69,457.3     0.03       September     51     51     858,593     67,238.6     0.06       October     141     141     861,321     69,640.5     0.16       November     300     300     858,342     67,416.7     0.35	May	96	96	870,264	70,534.5	0.11
August       23       23       861,186       69,457.3       0.03         September       51       51       858,593       67,238.6       0.06         October       141       141       861,321       69,640.5       0.16         November       300       300       858,342       67,416.7       0.35	June	43	43	868,573	68,108.4	0.05
September         51         51         858,593         67,238.6         0.06           October         141         141         861,321         69,640.5         0.16           November         300         300         858,342         67,416.7         0.35	July	24	24	869,055	70,286.9	0.03
October     141     141     861,321     69,640.5     0.16       November     300     300     858,342     67,416.7     0.35	August	23	23	861,186	69,457.3	0.03
November 300 300 858,342 67,416.7 0.35	September	51	51	858,593	67,238.6	0.06
	October	141	141	861,321	69,640.5	0.16
December 948 948 859,827 69,881.5 1.10	November	300	300	858,342	67,416.7	0.35
	December	948	948	859,827	69,881.5	1.10



Table 5. Summary of Pediatric Patients with Respiratory Syncytial Virus (RSV) and RSV-Related Events and Preventative Services in the Sentinel Distributed Database (SDD) between January 1, 2008 and September 30, 2015, by Event and Year-Month

	New Members wit	th	Eligible		Incidence per 1,000
Year-Month	Event	New Event Episodes	Members	Member-Years	Eligible Members
2015					
January	1,052	1,052	770,543	62,600.0	1.37
February	982	982	769,569	56,510.4	1.28
March	523	523	774,152	62,937.3	0.68
April	160	160	771,182	58,787.7	0.21
May	46	46	749,597	60,682.9	0.06
June	20	20	747,595	58,631.0	0.03
July	17	17	706,566	57,117.3	0.02
August	20	20	704,104	56,919.4	0.03
September	24	24	704,057	55,123.0	0.03
Polymerase Chain R	eaction (PCR) Lab Tes	t for RSV or Antigen Lab Te	est for RSV		
2008					
January	747	747	1,066,701	86,148.5	0.70
February	723	723	1,059,065	80,278.2	0.68
March	557	557	1,060,907	85,897.8	0.53
April	338	338	1,054,584	82,633.3	0.32
May	297	297	1,053,327	85,171.5	0.28
June	262	262	1,046,657	81,938.5	0.25
July	237	237	1,047,054	84,627.3	0.23
August	229	229	1,043,895	84,268.5	0.22
September	284	284	1,038,752	81,271.8	0.27
October	367	367	1,039,103	83,901.8	0.35
November	446	446	1,031,347	80,925.8	0.43
December	652	652	1,026,332	83,292.2	0.64
2009					
January	766	766	1,032,221	83,503.9	0.74
February	748	748	1,019,162	74,680.5	0.73
March	687	687	1,014,826	82,301.0	0.68
April	554	554	1,005,713	78,828.5	0.55
May	647	647	1,001,628	81,058.3	0.65
June	448	448	993,504	77,892.1	0.45
July	357	357	989,932	80,014.8	0.36
August	506	506	983,135	79,409.3	0.51
September	1,007	1,007	975,860	76,396.5	1.03
October	1,560	1,560	972,033	78,588.7	1.60
November	1,433	1,433	964,312	75,724.9	1.49
December	1,072	1,072	958,613	77,898.2	1.12



Table 5. Summary of Pediatric Patients with Respiratory Syncytial Virus (RSV) and RSV-Related Events and Preventative Services in the Sentinel Distributed Database (SDD) between January 1, 2008 and September 30, 2015, by Event and Year-Month

	New Members with		Eligible		Incidence per 1,000
Year-Month	Event	<b>New Event Episodes</b>	Members	Member-Years	Eligible Members
2010					
January	958	958	939,193	76,048.3	1.02
February	920	920	929,843	68,174.0	0.99
March	857	857	926,231	75,225.0	0.93
April	607	607	919,161	72,050.1	0.66
May	518	518	915,169	74,154.2	0.57
June	641	641	912,470	71,401.0	0.70
July	846	846	908,764	73,538.8	0.93
August	950	950	903,084	73,041.0	1.05
September	1,143	1,143	899,597	70,302.0	1.27
October	1,178	1,178	895,216	72,409.6	1.32
November	1,690	1,690	889,746	69,886.3	1.90
December	1,864	1,864	888,369	72,172.5	2.10
2011					
January	1,673	1,673	865,533	70,108.1	1.93
February	1,567	1,567	859,497	63,002.9	1.82
March	1,491	1,491	858,226	69,712.5	1.74
April	989	989	853,516	66,884.4	1.16
May	693	693	851,340	68,962.2	0.81
June	580	580	848,767	66,446.3	0.68
July	484	484	846,244	68,428.7	0.57
August	546	546	845,864	68,249.5	0.65
September	613	613	843,962	65,929.9	0.73
October	807	807	842,663	68,135.0	0.96
November	918	918	840,147	65,895.2	1.09
December	1,098	1,098	838,438	68,137.6	1.31
2012					
January	1,310	1,310	883,354	71,626.1	1.48
February	1,384	1,384	878,712	66,725.2	1.58
March	1,222	1,222	879,793	71,390.3	1.39
April	991	991	876,008	68,672.9	1.13
May	961	961	874,695	70,894.5	1.10
June	863	863	873,566	68,367.1	0.99
July	810	810	867,026	70,149.4	0.93
August	969	969	867,766	70,101.0	1.12
September	1,012	1,012	867,101	67,773.7	1.17
October	1,240	1,240	866,277	70,071.9	1.43
November	1,340	1,340	864,739	67,844.6	1.55
December	1,797	1,797	863,497	70,182.5	2.08



Table 5. Summary of Pediatric Patients with Respiratory Syncytial Virus (RSV) and RSV-Related Events and Preventative Services in the Sentinel Distributed Database (SDD) between January 1, 2008 and September 30, 2015, by Event and Year-Month

	New Members wit	h	Eligible		Incidence per 1,000
Year-Month	Event	<b>New Event Episodes</b>	Members	Member-Years	<b>Eligible Members</b>
2013					
January	1,728	1,728	867,852	70,418.8	1.99
February	1,353	1,353	863,355	63,358.0	1.57
March	1,139	1,139	863,861	70,213.9	1.32
April	1,017	1,017	857,749	67,340.5	1.19
May	933	933	859,615	69,587.6	1.09
June	794	794	856,701	67,110.3	0.93
July	879	879	862,812	69,720.2	1.02
August	904	904	859,729	69,466.7	1.05
September	1,122	1,122	857,661	67,144.4	1.31
October	1,341	1,341	859,610	69,507.8	1.56
November	1,429	1,429	857,261	67,279.9	1.67
December	1,580	1,580	860,850	69,829.1	1.84
2014					
January	1,574	1,574	866,262	70,391.4	1.82
February	1,356	1,356	865,895	63,553.1	1.57
March	1,192	1,192	866,997	70,453.3	1.37
April	1,144	1,144	867,334	68,110.2	1.32
May	1,334	1,334	870,264	70,534.5	1.53
June	1,258	1,258	868,573	68,108.4	1.45
July	1,113	1,113	869,055	70,286.9	1.28
August	1,068	1,068	861,186	69,457.3	1.24
September	1,195	1,195	858,593	67,238.6	1.39
October	1,343	1,343	861,321	69,640.5	1.56
November	1,336	1,336	858,342	67,416.7	1.56
December	1,900	1,900	859,827	69,881.5	2.21
2015					
January	1,389	1,389	770,543	62,600.0	1.80
February	1,193	1,193	769,569	56,510.4	1.55
March	1,083	1,083	774,152	62,937.3	1.40
April	937	937	771,182	58,787.7	1.22
May	778	778	749,597	60,682.9	1.04
June	601	601	747,595	58,631.0	0.80
July	518	518	706,566	57,117.3	0.73
August	532	532	704,104	56,919.4	0.76
September	664	664	704,057	55,123.0	0.94



Table 5. Summary of Pediatric Patients with Respiratory Syncytial Virus (RSV) and RSV-Related Events and Preventative Services in the Sentinel Distributed Database (SDD) between January 1, 2008 and September 30, 2015, by Event and Year-Month

Eligible Members	Mambar Vaare				
	Member-Years	Members	New Event Episodes	Event	Year-Month
					PCR Lab Test for RSV
0.27	06.440.5	4 066 704	202	202	2008
0.27	86,148.5	1,066,701	292 261	292	January
0.25	80,278.2	1,059,065	206	261	February
0.19	85,897.8	1,060,907		206	March
0.15	82,633.3	1,054,584	160	160	April
0.16	85,171.5	1,053,327	168	168	May
0.16	81,938.5	1,046,657	169	169	June
0.13	84,627.3	1,047,054	136	136	July
0.12	84,268.5	1,043,895	127	127	August
0.16	81,271.8	1,038,752	168	168	September
0.19	83,901.8	1,039,103	201	201	October
0.22	80,925.8	1,031,347	230	230	November
0.31	83,292.2	1,026,332	317	317	December
					2009
0.35	83,503.9	1,032,221	366	366	January
0.40	74,680.5	1,019,162	405	405	February
0.36	82,301.0	1,014,826	366	366	March
0.36	78,828.5	1,005,713	359	359	April
0.49	81,058.3	1,001,628	487	487	May
0.29	77,892.1	993,504	285	285	June
0.23	80,014.8	989,932	232	232	July
0.34	79,409.3	983,135	337	337	August
0.76	76,396.5	975,860	746	746	September
1.30	78,588.7	972,033	1,259	1,259	October
1.25	75,724.9	964,312	1,209	1,209	November
0.85	77,898.2	958,613	814	814	December
					2010
0.71	76,048.3	939,193	668	668	January
0.69	68,174.0	929,843	646	646	February
0.65	75,225.0	926,231	600	600	March
0.46			425	425	
0.42	74,154.2		380	380	
0.57	71,401.0		516	516	
0.79			714	714	
0.89		903,084	806	806	· · · · · · · · · · · · · · · · · · ·
1.07		*			
1.11					-
1.67	·	•			
1.78					
	78,828.5 81,058.3 77,892.1 80,014.8 79,409.3 76,396.5 78,588.7 75,724.9 77,898.2 76,048.3 68,174.0 75,225.0 72,050.1	1,005,713 1,001,628 993,504 989,932 983,135 975,860 972,033 964,312 958,613  939,193 929,843 926,231 919,161 915,169 912,470 908,764	359 487 285 232 337 746 1,259 1,209 814 668 646 600 425 380 516 714	359 487 285 232 337 746 1,259 1,209 814 668 646 600 425 380 516 714	April May June July August September October November December 2010 January



Table 5. Summary of Pediatric Patients with Respiratory Syncytial Virus (RSV) and RSV-Related Events and Preventative Services in the Sentinel Distributed Database (SDD) between January 1, 2008 and September 30, 2015, by Event and Year-Month

	New Members with		Eligible		Incidence per 1,000
Year-Month	Event	New Event Episodes	Members	Member-Years	Eligible Members
2011					
January	1,361	1,361	865,533	70,108.1	1.57
February	1,233	1,233	859,497	63,002.9	1.43
March	1,209	1,209	858,226	69,712.5	1.41
April	803	803	853,516	66,884.4	0.94
May	538	538	851,340	68,962.2	0.63
June	432	432	848,767	66,446.3	0.51
July	323	323	846,244	68,428.7	0.38
August	393	393	845,864	68,249.5	0.46
September	463	463	843,962	65,929.9	0.55
October	628	628	842,663	68,135.0	0.75
November	733	733	840,147	65,895.2	0.87
December	863	863	838,438	68,137.6	1.03
2012					
January	1,068	1,068	883,354	71,626.1	1.21
February	1,120	1,120	878,712	66,725.2	1.27
March	984	984	879,793	71,390.3	1.12
April	793	793	876,008	68,672.9	0.91
May	783	783	874,695	70,894.5	0.90
June	698	698	873,566	68,367.1	0.80
July	658	658	867,026	70,149.4	0.76
August	774	774	867,766	70,101.0	0.89
September	847	847	867,101	67,773.7	0.98
October	1,059	1,059	866,277	70,071.9	1.22
November	1,134	1,134	864,739	67,844.6	1.31
December	1,495	1,495	863,497	70,182.5	1.73
2013					
January	1,396	1,396	867,852	70,418.8	1.61
February	1,130	1,130	863,355	63,358.0	1.31
March	934	934	863,861	70,213.9	1.08
April	821	821	857,749	67,340.5	0.96
May	771	771	859,615	69,587.6	0.90
June	649	649	856,701	67,110.3	0.76
July	690	690	862,812	69,720.2	0.80
August	732	732	859,729	69,466.7	0.85
September	925	925	857,661	67,144.4	1.08
October	1,143	1,143	859,610	69,507.8	1.33
November	1,208	1,208	857,261	67,279.9	1.41
December	1,322	1,322	860,850	69,829.1	1.54



Table 5. Summary of Pediatric Patients with Respiratory Syncytial Virus (RSV) and RSV-Related Events and Preventative Services in the Sentinel Distributed Database (SDD) between January 1, 2008 and September 30, 2015, by Event and Year-Month

	New Members wit	h	Eligible		Incidence per 1,000
Year-Month	Event	<b>New Event Episodes</b>	Members	Member-Years	<b>Eligible Members</b>
2014					
January	1,313	1,313	866,262	70,391.4	1.52
February	1,153	1,153	865,895	63,553.1	1.33
March	1,004	1,004	866,997	70,453.3	1.16
April	983	983	867,334	68,110.2	1.13
May	1,171	1,171	870,264	70,534.5	1.35
June	1,133	1,133	868,573	68,108.4	1.30
July	953	953	869,055	70,286.9	1.10
August	896	896	861,186	69,457.3	1.04
September	1,050	1,050	858,593	67,238.6	1.22
October	1,168	1,168	861,321	69,640.5	1.36
November	1,182	1,182	858,342	67,416.7	1.38
December	1,661	1,661	859,827	69,881.5	1.93
2015					
January	1,192	1,192	770,543	62,600.0	1.55
February	1,012	1,012	769,569	56,510.4	1.32
March	901	901	774,152	62,937.3	1.16
April	805	805	771,182	58,787.7	1.04
May	656	656	749,597	60,682.9	0.88
June	472	472	747,595	58,631.0	0.63
July	383	383	706,566	57,117.3	0.54
August	417	417	704,104	56,919.4	0.59
September	512	512	704,057	55,123.0	0.73
<b>Antigen Lab Test for</b>	RSV				
2008					
January	455	455	1,066,701	86,148.5	0.43
February	463	463	1,059,065	80,278.2	0.44
March	353	353	1,060,907	85,897.8	0.33
April	179	179	1,054,584	82,633.3	0.17
May	129	129	1,053,327	85,171.5	0.12
June	93	93	1,046,657	81,938.5	0.09
July	101	101	1,047,054	84,627.3	0.10
August	103	103	1,043,895	84,268.5	0.10
September	117	117	1,038,752	81,271.8	0.11
October	167	167	1,039,103	83,901.8	0.16
November	218	218	1,031,347	80,925.8	0.21
December	336	336	1,026,332	83,292.2	0.33



Table 5. Summary of Pediatric Patients with Respiratory Syncytial Virus (RSV) and RSV-Related Events and Preventative Services in the Sentinel Distributed Database (SDD) between January 1, 2008 and September 30, 2015, by Event and Year-Month

Year-Month         Event         New Event Episodes         Members         Member Years         Eligible Members           2009           January         401         401         1,032,221         83,503.9         0.39           February         343         343         1,019,162         74,680.5         0.34           March         321         321         1,014,826         82,301.0         0.32           April         196         196         1,005,713         78,828.5         0.19           May         162         162         1,001,628         81,058.3         0.16           June         165         165         993,504         77,892.1         0.17           June         166         126         999,992         80,014.8         0.13           August         171         171         983,135         79,409.3         0.17           September         261         261         261         975,660         76,996.5         0.27           October         307         307         972.03         78,892.1         0.24           December         229         229         964,312         75,724.9         0.24           December		New Members w	ith	Eligible		Incidence per 1,000
January	Year-Month	Event	<b>New Event Episodes</b>	Members	Member-Years	<b>Eligible Members</b>
February   343   343   343   1,019,162   74,680.5   0.34     March   321   321   1,014,826   82,301.0   0.32     April   196   196   1,005,713   78,828.5   0.19     May   162   162   1,001,628   81,058.3   0.16     June   165   165   993,504   77,892.1   0.17     July   126   126   989,932   80,014.8   0.13     August   171   171   993,135   79,409.3   0.17     September   261   261   975,860   76,396.5   0.27     October   307   307   972,033   78,588.7   0.32     November   229   229   964,312   77,724.9   0.24     December   261   261   958,613   77,898.2   0.27     December   261   261   958,613   77,898.2   0.27     January   294   294   939,193   76,048.3   0.31     February   281   281   929,843   68,174.0   0.30     March   262   262   926,231   75,225.0   0.28     April   187   187   197,161   72,050.1   0.20     May   143   143   915,169   74,154.2   0.16     June   128   128   912,470   71,401.0   0.14     July   142   142   908,764   73,538.8   0.16     August   151   151   151   903,084   73,041.0   0.17     September   188   188   899,597   70,302.0   0.21     October   182   182   895,216   72,409.6   0.20     November   207   207   889,746   69,886.3   0.23     December   292   292   888,369   72,172.5   0.33     December   292   292   889,597   70,302.0   0.21     October   182   182   895,216   72,409.6   0.20     December   292   292   889,597   63,002.9   0.39     April   191   191   853,516   66,884.4   0.22     May   161   161   851,340   68,962.2   0.19     June   151   151   151   848,767   66,446.3   0.18     July   170   170   846,244   68,249.5   0.19     September   154   154   843,962   69,929.9   0.18     July   170   170   846,244   68,249.5   0.19     September   154   154   843,962   69,929.9   0.18     September   154   154   843,962   69,929.9   0.18     September   154   154   843,962   68,929.9   0.18	2009					
March         321         321         1,014,826         82,301.0         0.32           April         196         196         1,005,713         78,828.5         0.19           May         162         162         162         1,001,628         81,058.3         0.16           June         165         165         993,504         77,892.1         0.17           July         126         126         989,932         80,014.8         0.13           August         171         171         171         983,135         79,409.3         0.17           October         307         307         972,033         78,588.7         0.32           November         229         229         229         964,312         75,724.9         0.24           December         261         261         261         958,613         77,298.2         0.27           2010         300         300         300         300         300         300         301         301         301         301         301         301         301         301         301         302         302         302         302         302         302         302         302         302	January	401	401	1,032,221	83,503.9	0.39
April         196         196         1,005,713         78,828.5         0.19           May         162         162         1,001,628         81,058.3         0.16           June         165         165         193,504         77,892.1         0.17           July         126         126         989,932         80,014.8         0.13           August         171         171         983,135         79,409.3         0.17           September         261         261         975,860         76,396.5         0.27           October         307         307         972,033         78,588.7         0.32           November         229         229         964,312         75,724.9         0.24           December         261         261         261         958,613         77,898.2         0.27           2010         U         187         294         939,193         76,048.3         0.31           February         281         281         281         929,843         68,174.0         0.30           March         262         262         296,231         75,225.0         0.28           April         187         187 <t< td=""><td>February</td><td>343</td><td>343</td><td>1,019,162</td><td>74,680.5</td><td>0.34</td></t<>	February	343	343	1,019,162	74,680.5	0.34
May         162         162         1,001,628         81,058.3         0.16           June         165         165         165         99,504         77,892.1         0.17           July         126         126         989,932         80,014.8         0.13           August         171         171         983,135         79,409.3         0.17           September         261         261         975,860         76,396.5         0.27           October         307         307         972,033         78,588.7         0.32           November         229         229         964,312         75,724.9         0.24           December         261         261         958,613         77,898.2         0.27           2010         U         U         294         294         939,193         76,048.3         0.31           February         281         281         292,843         68,174.0         0.30           March         262         262         2926,231         75,225.0         0.28           April         187         187         919,161         72,050.1         0.20           May         143         143         915,	March	321	321	1,014,826	82,301.0	0.32
June	April	196	196	1,005,713	78,828.5	0.19
July	May	162	162	1,001,628	81,058.3	0.16
August         171         171         983,135         79,409.3         0.17           September         261         261         975,860         76,396.5         0.27           October         307         307         972,033         78,588.7         0.32           November         229         229         964,312         75,724.9         0.24           December         261         261         958,613         77,7898.2         0.27           2010           January         294         294         939,193         76,048.3         0.31           February         281         281         929,843         68,174.0         0.30           March         262         262         296,231         75,225.0         0.28           April         187         187         919,161         72,050.1         0.20           May         143         143         915,169         74,154.2         0.16           June         128         128         912,470         71,401.0         0.14           July         142         142         908,764         73,538.8         0.16           August         151         151	June	165	165	993,504	77,892.1	0.17
September October         261         261         975,860         76,396.5         0.27           October         307         307         972,033         78,588.7         0.32           November         229         229         964,312         75,724.9         0.24           December         261         261         958,613         77,898.2         0.27           Zoto           January         294         294         939,193         76,048.3         0.31           February         281         281         929,843         68,174.0         0.30           March         262         262         926,231         75,225.0         0.28           April         187         187         919,161         72,050.1         0.20           May         143         143         915,169         74,154.2         0.16           June         128         128         912,470         71,401.0         0.14           July         142         142         908,764         73,538.8         0.16           August         151         151         903,084         73,041.0         0.17           September         188	July	126	126	989,932	80,014.8	0.13
October November         307         307         972,033         78,588.7         0.32           November December         229         229         964,312         75,724.9         0.24           December         261         261         958,613         77,898.2         0.27           January         294         294         939,193         76,048.3         0.31           February         281         281         929,843         68,174.0         0.30           March         262         262         262         926,231         75,225.0         0.28           April         187         187         919,161         72,050.1         0.20           May         143         143         915,169         74,154.2         0.16           July         142         142         142         908,764         73,538.8         0.16           August         151         151         903,084         73,041.0         0.17           September         188         188         899,597         70,302.0         0.21           October         182         182         895,216         72,409.6         0.20           November         292         292	August	171	171	983,135	79,409.3	0.17
November December         229         229         964,312         75,724.9         0.24 December           2010         261         261         958,613         77,898.2         0.27           2010         V	September	261	261	975,860	76,396.5	0.27
December         261         261         958,613         77,898.2         0.27           2010         January         294         294         939,193         76,048.3         0.31           February         281         281         292,843         68,174.0         0.30           March         262         262         292,843         68,174.0         0.30           April         187         187         919,161         72,050.1         0.20           May         143         143         915,169         74,154.2         0.16           June         128         128         912,470         71,401.0         0.14           July         142         142         908,764         73,538.8         0.16           August         151         151         151         903,084         73,041.0         0.17           September         188         188         899,597         70,302.0         0.21           October         182         182         895,216         72,409.6         0.20           November         207         207         889,746         69,886.3         0.23           December         292         292         888,266	October	307	307	972,033	78,588.7	0.32
January   294   294   939,193   76,048.3   0.31   February   281   281   929,843   68,174.0   0.30   March   262   262   926,231   75,225.0   0.28   April   187   187   919,161   72,050.1   0.20   May   143   143   915,169   74,154.2   0.16   July   142   142   908,764   73,538.8   0.16   August   151   151   903,084   73,041.0   0.17   September   188   188   899,597   70,302.0   0.21   October   182   182   895,216   72,409.6   0.20   November   207   207   889,746   69,886.3   0.23   December   292   292   888,369   72,172.5   0.33   2011   September   292   292   858,226   69,712.5   0.34   April   191   191   853,516   66,884.4   0.22   May   161   161   851,340   68,962.2   0.19   June   151   151   848,767   66,463.3   0.18   July   170   170   846,244   68,428.7   0.20   August   157   157   845,864   68,249.5   0.19   September   154   154   843,962   65,929.9   0.18   October   183   183   842,663   68,135.0   0.22   November   190   190   840,147   65,895.2   0.23	November	229	229	964,312	75,724.9	0.24
January   294   294   939,193   76,048.3   0.31     February   281   281   929,843   68,174.0   0.30     March   262   262   926,231   75,225.0   0.28     April   187   187   919,161   72,050.1   0.20     May   143   143   915,169   74,154.2   0.16     June   128   128   912,470   71,401.0   0.14     July   142   142   908,764   73,538.8   0.16     August   151   151   903,084   73,041.0   0.17     September   188   188   899,597   70,302.0   0.21     October   182   182   895,216   72,409.6   0.20     November   207   207   889,746   69,886.3   0.23     December   292   292   888,369   72,172.5   0.33     2011   319   319   865,533   70,108.1   0.37     February   339   339   859,497   63,002.9   0.39     March   292   292   858,226   69,712.5   0.34     April   191   191   853,516   66,884.4   0.22     May   161   161   851,340   68,962.2   0.19     June   151   151   848,767   66,446.3   0.18     July   170   170   846,244   68,249.5   0.19     September   154   154   843,962   65,929.9   0.18     October   183   183   842,663   68,135.0   0.22     November   190   190   840,147   65,895.2   0.23	December	261	261	958,613	77,898.2	0.27
February         281         281         929,843         68,174.0         0.30           March         262         262         926,231         75,225.0         0.28           April         187         187         919,161         72,050.1         0.20           May         143         143         915,169         74,154.2         0.16           June         128         128         912,470         71,401.0         0.14           July         142         142         908,764         73,538.8         0.16           August         151         151         903,084         73,041.0         0.17           September         188         188         899,597         70,302.0         0.21           October         182         182         895,216         72,409.6         0.20           November         207         207         889,746         69,886.3         0.23           December         292         292         888,369         72,172.5         0.33           2011         319         865,533         70,108.1         0.37           February         339         339         859,497         63,002.9         0.39	2010					
March         262         262         926,231         75,225.0         0.28           April         187         187         919,161         72,050.1         0.20           May         143         143         915,169         74,154.2         0.16           June         128         128         912,470         71,401.0         0.14           July         142         142         908,764         73,538.8         0.16           August         151         151         903,084         73,041.0         0.17           September         188         188         899,597         70,302.0         0.21           October         182         182         895,216         72,409.6         0.20           November         207         207         889,746         69,886.3         0.23           December         292         292         888,369         72,172.5         0.33           2011         319         319         865,533         70,108.1         0.37           February         339         339         859,497         63,002.9         0.39           March         292         292         858,226         69,712.5         0.34	January	294	294	939,193	76,048.3	0.31
April 187 187 919,161 72,050.1 0.20 May 143 143 915,169 74,154.2 0.16 June 128 128 912,470 71,401.0 0.14 July 142 142 908,764 73,538.8 0.16 August 151 151 903,084 73,041.0 0.17 September 188 188 899,597 70,302.0 0.21 October 182 182 895,216 72,409.6 0.20 November 207 207 889,746 69,886.3 0.23 December 292 292 888,369 72,172.5 0.33  2011  January 319 319 865,533 70,108.1 0.37 February 339 339 859,497 63,002.9 0.39 March 292 292 858,226 69,712.5 0.34 April 191 191 853,516 66,884.4 0.22 May 161 161 851,340 68,962.2 0.19 June 151 151 848,767 66,446.3 0.18 July 170 170 846,244 68,428.7 0.20 August 157 157 845,864 68,249.5 0.19 September 154 154 843,962 65,929.9 0.18 October 183 183 842,663 68,135.0 0.22 November 190 190 840,147 65,895.2 0.23	February	281	281	929,843	68,174.0	0.30
May         143         143         915,169         74,154.2         0.16           June         128         128         912,470         71,401.0         0.14           July         142         142         908,764         73,538.8         0.16           August         151         151         903,084         73,041.0         0.17           September         188         188         899,597         70,302.0         0.21           October         182         182         895,216         72,409.6         0.20           November         207         207         889,746         69,886.3         0.23           December         292         292         888,369         72,172.5         0.33           January         319         319         865,533         70,108.1         0.37           February         339         339         859,497         63,002.9         0.39           March         292         292         858,226         69,712.5         0.34           April         191         191         853,516         66,884.4         0.22           May         161         161         851,340         68,962.2 <td< td=""><td>March</td><td>262</td><td>262</td><td>926,231</td><td>75,225.0</td><td>0.28</td></td<>	March	262	262	926,231	75,225.0	0.28
June         128         128         912,470         71,401.0         0.14           July         142         142         908,764         73,538.8         0.16           August         151         151         903,084         73,041.0         0.17           September         188         188         899,597         70,302.0         0.21           October         182         182         895,216         72,409.6         0.20           November         207         207         889,746         69,886.3         0.23           December         292         292         888,369         72,172.5         0.33           2011         January         319         319         865,533         70,108.1         0.37           February         339         339         859,497         63,002.9         0.39           March         292         292         858,226         69,712.5         0.34           April         191         191         853,516         66,884.4         0.22           May         161         161         851,340         68,962.2         0.19           June         151         151         848,767         66,446.3	April	187	187	919,161	72,050.1	0.20
July       142       142       908,764       73,538.8       0.16         August       151       151       903,084       73,041.0       0.17         September       188       188       899,597       70,302.0       0.21         October       182       182       895,216       72,409.6       0.20         November       207       207       889,746       69,886.3       0.23         December       292       292       888,369       72,172.5       0.33         2011         January       319       319       865,533       70,108.1       0.37         February       339       339       859,497       63,002.9       0.39         March       292       292       858,226       69,712.5       0.34         April       191       191       853,516       66,884.4       0.22         May       161       161       851,340       68,962.2       0.19         June       151       151       848,767       66,446.3       0.18         July       170       170       846,244       68,428.7       0.20         August       157       157       845,864	May	143	143	915,169	74,154.2	0.16
August       151       151       903,084       73,041.0       0.17         September       188       188       899,597       70,302.0       0.21         October       182       182       895,216       72,409.6       0.20         November       207       207       889,746       69,886.3       0.23         December       292       292       888,369       72,172.5       0.33         January       319       319       865,533       70,108.1       0.37         February       339       339       859,497       63,002.9       0.39         March       292       292       858,226       69,712.5       0.34         April       191       191       853,516       66,884.4       0.22         May       161       161       851,340       68,962.2       0.19         June       151       151       848,767       66,446.3       0.18         July       170       170       846,244       68,428.7       0.20         August       157       157       845,864       68,249.5       0.19         September       154       154       843,962       65,929.9	June	128	128	912,470	71,401.0	0.14
September         188         188         899,597         70,302.0         0.21           October         182         182         895,216         72,409.6         0.20           November         207         207         889,746         69,886.3         0.23           December         292         292         888,369         72,172.5         0.33           2011           January         319         319         865,533         70,108.1         0.37           February         339         339         859,497         63,002.9         0.39           March         292         292         858,226         69,712.5         0.34           April         191         191         853,516         66,884.4         0.22           May         161         161         851,340         68,962.2         0.19           June         151         151         848,767         66,446.3         0.18           July         170         170         846,244         68,428.7         0.20           August         157         157         845,864         68,249.5         0.19           September         154	July	142	142	908,764	73,538.8	0.16
October         182         182         895,216         72,409.6         0.20           November         207         207         889,746         69,886.3         0.23           December         292         292         888,369         72,172.5         0.33           2011           January         319         319         865,533         70,108.1         0.37           February         339         339         859,497         63,002.9         0.39           March         292         292         858,226         69,712.5         0.34           April         191         191         853,516         66,884.4         0.22           May         161         161         851,340         68,962.2         0.19           June         151         151         848,767         66,446.3         0.18           July         170         170         846,244         68,428.7         0.20           August         157         157         845,864         68,249.5         0.19           September         154         154         843,962         65,929.9         0.18           October         183         183	August	151	151	903,084	73,041.0	0.17
November December         207         207         889,746         69,886.3         0.23                   December         292         292         888,369         72,172.5         0.33           2011           January         319         319         865,533         70,108.1         0.37           February         339         339         859,497         63,002.9         0.39           March         292         292         858,226         69,712.5         0.34           April         191         191         853,516         66,884.4         0.22           May         161         161         851,340         68,962.2         0.19           June         151         151         848,767         66,446.3         0.18           July         170         170         846,244         68,428.7         0.20           August         157         157         845,864         68,249.5         0.19           September         154         154         843,962         65,929.9         0.18           October         183         183         842,663         68,135.0         0.22           November         190 </td <td>September</td> <td>188</td> <td>188</td> <td>899,597</td> <td>70,302.0</td> <td>0.21</td>	September	188	188	899,597	70,302.0	0.21
December         292         292         888,369         72,172.5         0.33           2011         January         319         319         865,533         70,108.1         0.37           February         339         339         859,497         63,002.9         0.39           March         292         292         858,226         69,712.5         0.34           April         191         191         853,516         66,884.4         0.22           May         161         161         851,340         68,962.2         0.19           June         151         151         848,767         66,446.3         0.18           July         170         170         846,244         68,428.7         0.20           August         157         157         845,864         68,249.5         0.19           September         154         154         843,962         65,929.9         0.18           October         183         183         842,663         68,135.0         0.22           November         190         190         840,147         65,895.2         0.23	October	182	182	895,216	72,409.6	0.20
January       319       319       865,533       70,108.1       0.37         February       339       339       859,497       63,002.9       0.39         March       292       292       858,226       69,712.5       0.34         April       191       191       853,516       66,884.4       0.22         May       161       161       851,340       68,962.2       0.19         June       151       151       848,767       66,446.3       0.18         July       170       170       846,244       68,428.7       0.20         August       157       157       845,864       68,249.5       0.19         September       154       154       843,962       65,929.9       0.18         October       183       183       842,663       68,135.0       0.22         November       190       190       840,147       65,895.2       0.23	November	207	207	889,746	69,886.3	0.23
January       319       319       865,533       70,108.1       0.37         February       339       339       859,497       63,002.9       0.39         March       292       292       858,226       69,712.5       0.34         April       191       191       853,516       66,884.4       0.22         May       161       161       851,340       68,962.2       0.19         June       151       151       848,767       66,446.3       0.18         July       170       170       846,244       68,428.7       0.20         August       157       157       845,864       68,249.5       0.19         September       154       154       843,962       65,929.9       0.18         October       183       183       842,663       68,135.0       0.22         November       190       190       840,147       65,895.2       0.23	December	292	292	888,369	72,172.5	0.33
February       339       339       859,497       63,002.9       0.39         March       292       292       858,226       69,712.5       0.34         April       191       191       853,516       66,884.4       0.22         May       161       161       851,340       68,962.2       0.19         June       151       151       848,767       66,446.3       0.18         July       170       170       846,244       68,428.7       0.20         August       157       157       845,864       68,249.5       0.19         September       154       154       843,962       65,929.9       0.18         October       183       183       842,663       68,135.0       0.22         November       190       190       840,147       65,895.2       0.23	2011					
March       292       292       858,226       69,712.5       0.34         April       191       191       853,516       66,884.4       0.22         May       161       161       851,340       68,962.2       0.19         June       151       151       848,767       66,446.3       0.18         July       170       170       846,244       68,428.7       0.20         August       157       157       845,864       68,249.5       0.19         September       154       154       843,962       65,929.9       0.18         October       183       183       842,663       68,135.0       0.22         November       190       190       840,147       65,895.2       0.23	January	319	319	865,533	70,108.1	0.37
April       191       191       853,516       66,884.4       0.22         May       161       161       851,340       68,962.2       0.19         June       151       151       848,767       66,446.3       0.18         July       170       170       846,244       68,428.7       0.20         August       157       157       845,864       68,249.5       0.19         September       154       154       843,962       65,929.9       0.18         October       183       183       842,663       68,135.0       0.22         November       190       190       840,147       65,895.2       0.23	February	339	339	859,497	63,002.9	0.39
May       161       161       851,340       68,962.2       0.19         June       151       151       848,767       66,446.3       0.18         July       170       170       846,244       68,428.7       0.20         August       157       157       845,864       68,249.5       0.19         September       154       154       843,962       65,929.9       0.18         October       183       183       842,663       68,135.0       0.22         November       190       190       840,147       65,895.2       0.23	March	292	292	858,226	69,712.5	0.34
June       151       151       848,767       66,446.3       0.18         July       170       170       846,244       68,428.7       0.20         August       157       157       845,864       68,249.5       0.19         September       154       154       843,962       65,929.9       0.18         October       183       183       842,663       68,135.0       0.22         November       190       190       840,147       65,895.2       0.23	April	191	191	853,516	66,884.4	0.22
July     170     170     846,244     68,428.7     0.20       August     157     157     845,864     68,249.5     0.19       September     154     154     843,962     65,929.9     0.18       October     183     183     842,663     68,135.0     0.22       November     190     190     840,147     65,895.2     0.23	May	161	161	851,340	68,962.2	0.19
August       157       157       845,864       68,249.5       0.19         September       154       154       843,962       65,929.9       0.18         October       183       183       842,663       68,135.0       0.22         November       190       190       840,147       65,895.2       0.23	June	151	151	848,767	66,446.3	0.18
September       154       154       843,962       65,929.9       0.18         October       183       183       842,663       68,135.0       0.22         November       190       190       840,147       65,895.2       0.23	July	170	170	846,244	68,428.7	0.20
October       183       183       842,663       68,135.0       0.22         November       190       190       840,147       65,895.2       0.23	August	157	157	845,864	68,249.5	0.19
November 190 190 840,147 65,895.2 0.23	September	154	154	843,962	65,929.9	0.18
	October	183	183	842,663	68,135.0	0.22
December 239 239 838,438 68,137.6 0.29	November	190	190	840,147	65,895.2	0.23
	December	239	239	838,438	68,137.6	0.29



Table 5. Summary of Pediatric Patients with Respiratory Syncytial Virus (RSV) and RSV-Related Events and Preventative Services in the Sentinel Distributed Database (SDD) between January 1, 2008 and September 30, 2015, by Event and Year-Month

	New Members with		Eligible		Incidence per 1,000
Year-Month	Event	<b>New Event Episodes</b>	Members	Member-Years	Eligible Members
2012					
January	247	247	883,354	71,626.1	0.28
February	266	266	878,712	66,725.2	0.30
March	243	243	879,793	71,390.3	0.28
April	201	201	876,008	68,672.9	0.23
May	183	183	874,695	70,894.5	0.21
June	165	165	873,566	68,367.1	0.19
July	160	160	867,026	70,149.4	0.18
August	197	197	867,766	70,101.0	0.23
September	170	170	867,101	67,773.7	0.20
October	188	188	866,277	70,071.9	0.22
November	210	210	864,739	67,844.6	0.24
December	311	311	863,497	70,182.5	0.36
2013					
January	344	344	867,852	70,418.8	0.40
February	231	231	863,355	63,358.0	0.27
March	209	209	863,861	70,213.9	0.24
April	202	202	857,749	67,340.5	0.24
May	167	167	859,615	69,587.6	0.19
June	149	149	856,701	67,110.3	0.17
July	198	198	862,812	69,720.2	0.23
August	174	174	859,729	69,466.7	0.20
September	202	202	857,661	67,144.4	0.24
October	207	207	859,610	69,507.8	0.24
November	231	231	857,261	67,279.9	0.27
December	268	268	860,850	69,829.1	0.31
2014					
January	271	271	866,262	70,391.4	0.31
February	209	209	865,895	63,553.1	0.24
March	192	192	866,997	70,453.3	0.22
April	169	169	867,334	68,110.2	0.19
May	173	173	870,264	70,534.5	0.20
June	131	131	868,573	68,108.4	0.15
July	167	167	869,055	70,286.9	0.19
August	178	178	861,186	69,457.3	0.21
September	149	149	858,593	67,238.6	0.17
October	176	176	861,321	69,640.5	0.20
November	162	162	858,342	67,416.7	0.19
December	248	248	859,827	69,881.5	0.29



Table 5. Summary of Pediatric Patients with Respiratory Syncytial Virus (RSV) and RSV-Related Events and Preventative Services in the Sentinel Distributed Database (SDD) between January 1, 2008 and September 30, 2015, by Event and Year-Month

	New Members wi	ith	Eligible		Incidence per 1,00
Year-Month	Event	New Event Episodes	Members	Member-Years	Eligible Members
2015					
January	206	206	770,543	62,600.0	0.27
February	187	187	769,569	56,510.4	0.24
March	187	187	774,152	62,937.3	0.24
April	136	136	771,182	58,787.7	0.18
May	123	123	749,597	60,682.9	0.16
June	132	132	747,595	58,631.0	0.18
July	140	140	706,566	57,117.3	0.20
August	118	118	704,104	56,919.4	0.17
September	155	155	704,057	55,123.0	0.22
Synagis Dispensing o	or Procedure				
2008					
January	2,050	2,050	1,066,701	86,148.5	1.92
February	1,301	1,301	1,059,065	80,278.2	1.23
March	1,193	1,193	1,060,907	85,897.8	1.12
April	407	407	1,054,584	82,633.3	0.39
May	7	7	1,053,327	85,171.5	0.01
June	7	7	1,046,657	81,938.5	0.01
July	5	5	1,047,054	84,627.3	0.00
August	19	19	1,043,895	84,268.5	0.02
September	412	412	1,038,752	81,271.8	0.40
October	1,481	1,481	1,039,103	83,901.8	1.43
November	944	944	1,031,347	80,925.8	0.92
December	932	932	1,026,332	83,292.2	0.91
2009					
January	815	815	1,032,221	83,503.9	0.79
February	663	663	1,019,162	74,680.5	0.65
March	536	536	1,014,826	82,301.0	0.53
April	347	347	1,005,713	78,828.5	0.35
May	3	3	1,001,628	81,058.3	0.00
, June	0	0	993,504	77,892.1	0.00
July	1	1	989,932	80,014.8	0.00
August	2	2	983,135	79,409.3	0.00
September	13	13	975,860	76,396.5	0.01
October	663	663	972,033	78,588.7	0.68
November	868	868	964,312	75,724.9	0.90
December	512	512	958,613	77,898.2	0.53



Table 5. Summary of Pediatric Patients with Respiratory Syncytial Virus (RSV) and RSV-Related Events and Preventative Services in the Sentinel Distributed Database (SDD) between January 1, 2008 and September 30, 2015, by Event and Year-Month

	New Members wi	ith	Eligible		Incidence per 1,000
Year-Month	Event	<b>New Event Episodes</b>	Members	Member-Years	<b>Eligible Members</b>
2010					
January	558	558	939,193	76,048.3	0.59
February	420	420	929,843	68,174.0	0.45
March	374	374	926,231	75,225.0	0.40
April	173	173	919,161	72,050.1	0.19
May	1	1	915,169	74,154.2	0.00
June	3	3	912,470	71,401.0	0.00
July	3	3	908,764	73,538.8	0.00
August	14	14	903,084	73,041.0	0.02
September	16	16	899,597	70,302.0	0.02
October	719	719	895,216	72,409.6	0.80
November	1,161	1,161	889,746	69,886.3	1.30
December	541	541	888,369	72,172.5	0.61
2011					
January	625	625	865,533	70,108.1	0.72
February	427	427	859,497	63,002.9	0.50
March	425	425	858,226	69,712.5	0.50
April	210	210	853,516	66,884.4	0.25
May	0	0	851,340	68,962.2	0.00
June	2	2	848,767	66,446.3	0.00
July	0	0	846,244	68,428.7	0.00
August	10	10	845,864	68,249.5	0.01
September	23	23	843,962	65,929.9	0.03
October	732	732	842,663	68,135.0	0.87
November	1,016	1,016	840,147	65,895.2	1.21
December	606	606	838,438	68,137.6	0.72
2012					
January	728	728	883,354	71,626.1	0.82
February	544	544	878,712	66,725.2	0.62
March	428	428	879,793	71,390.3	0.49
April	134	134	876,008	68,672.9	0.15
May	0	0	874,695	70,894.5	0.00
June	0	0	873,566	68,367.1	0.00
July	2	2	867,026	70,149.4	0.00
August	17	17	867,766	70,101.0	0.02
September	15	15	867,101	67,773.7	0.02
October	879	879	866,277	70,071.9	1.01
November	843	843	864,739	67,844.6	0.97
December	421	421	863,497	70,182.5	0.49



Table 5. Summary of Pediatric Patients with Respiratory Syncytial Virus (RSV) and RSV-Related Events and Preventative Services in the Sentinel Distributed Database (SDD) between January 1, 2008 and September 30, 2015, by Event and Year-Month

	New Members wi	th	Eligible		Incidence per 1,000
Year-Month	Event	<b>New Event Episodes</b>	Members	Member-Years	<b>Eligible Members</b>
2013					
January	548	548	867,852	70,418.8	0.63
February	346	346	863,355	63,358.0	0.40
March	295	295	863,861	70,213.9	0.34
April	100	100	857,749	67,340.5	0.12
May	1	1	859,615	69,587.6	0.00
June	2	2	856,701	67,110.3	0.00
July	3	3	862,812	69,720.2	0.00
August	90	90	859,729	69,466.7	0.10
September	97	97	857,661	67,144.4	0.11
October	953	953	859,610	69,507.8	1.11
November	818	818	857,261	67,279.9	0.95
December	506	506	860,850	69,829.1	0.59
2014					
January	522	522	866,262	70,391.4	0.60
February	429	429	865,895	63,553.1	0.50
March	337	337	866,997	70,453.3	0.39
April	72	72	867,334	68,110.2	0.08
May	4	4	870,264	70,534.5	0.00
June	0	0	868,573	68,108.4	0.00
July	1	1	869,055	70,286.9	0.00
August	66	66	861,186	69,457.3	0.08
September	76	76	858,593	67,238.6	0.09
October	194	194	861,321	69,640.5	0.23
November	839	839	858,342	67,416.7	0.98
December	239	239	859,827	69,881.5	0.28
2015					
January	154	154	770,543	62,600.0	0.20
February	119	119	769,569	56,510.4	0.15
March	90	90	774,152	62,937.3	0.12
April	14	14	771,182	58,787.7	0.02
May	0	0	749,597	60,682.9	0.00
June	0	0	747,595	58,631.0	0.00
July	1	1	706,566	57,117.3	0.00
August	1	1	704,104	56,919.4	0.00
September	6	6	704,057	55,123.0	0.01



Table 5. Summary of Pediatric Patients with Respiratory Syncytial Virus (RSV) and RSV-Related Events and Preventative Services in the Sentinel Distributed Database (SDD) between January 1, 2008 and September 30, 2015, by Event and Year-Month

Year-Month	New Members with Event	n New Event Episodes	Eligible Members	Member-Years	Incidence per 1,000 Eligible Members
Bronchiolitis Diagnos					
2008					
January	31,711	31,711	1,066,701	86,148.5	29.73
February	22,355	22,355	1,059,065	80,278.2	21.11
March	12,668	12,668	1,060,907	85,897.8	11.94
April	9,311	9,311	1,054,584	82,633.3	8.83
May	6,174	6,174	1,053,327	85,171.5	5.86
June	4,552	4,552	1,046,657	81,938.5	4.35
July	2,385	2,385	1,047,054	84,627.3	2.28
August	3,619	3,619	1,043,895	84,268.5	3.47
September	5,558	5,558	1,038,752	81,271.8	5.35
October	7,165	7,165	1,039,103	83,901.8	6.90
November	11,378	11,378	1,031,347	80,925.8	11.03
December	22,268	22,268	1,026,332	83,292.2	21.70
2009					
January	27,597	27,597	1,032,221	83,503.9	26.74
February	24,177	24,177	1,019,162	74,680.5	23.72
March	15,801	15,801	1,014,826	82,301.0	15.57
April	10,624	10,624	1,005,713	78,828.5	10.56
May	5,856	5,856	1,001,628	81,058.3	5.85
June	4,312	4,312	993,504	77,892.1	4.34
July	2,366	2,366	989,932	80,014.8	2.39
August	3,861	3,861	983,135	79,409.3	3.93
September	5,843	5,843	975,860	76,396.5	5.99
October	7,427	7,427	972,033	78,588.7	7.64
November	10,640	10,640	964,312	75,724.9	11.03
December	18,066	18,066	958,613	77,898.2	18.85
2010					
January	25,579	25,579	939,193	76,048.3	27.24
February	27,539	27,539	929,843	68,174.0	29.62
March	17,848	17,848	926,231	75,225.0	19.27
April	8,437	8,437	919,161	72,050.1	9.18
May	5,432	5,432	915,169	74,154.2	5.94
June	4,266	4,266	912,470	71,401.0	4.68
July	2,320	2,320	908,764	73,538.8	2.55
August	3,219	3,219	903,084	73,041.0	3.56
September	4,789	4,789	899,597	70,302.0	5.32
October	6,022	6,022	895,216	72,409.6	6.73
November	9,167	9,167	889,746	69,886.3	10.30
December	15,042	15,042	888,369	72,172.5	16.93



Table 5. Summary of Pediatric Patients with Respiratory Syncytial Virus (RSV) and RSV-Related Events and Preventative Services in the Sentinel Distributed Database (SDD) between January 1, 2008 and September 30, 2015, by Event and Year-Month

	New Members wi	th	Eligible		Incidence per 1,000 Eligible Members	
Year-Month	Event	<b>New Event Episodes</b>	Members	Member-Years		
2011						
January	21,237	21,237	865,533	70,108.1	24.54	
February	23,396	23,396	859,497	63,002.9	27.22	
March	18,533	18,533	858,226	69,712.5	21.59	
April	9,862	9,862	853,516	66,884.4	11.55	
May	5,846	5,846	851,340	68,962.2	6.87	
June	3,700	3,700	848,767	66,446.3	4.36	
July	1,860	1,860	846,244	68,428.7	2.20	
August	2,733	2,733	845,864	68,249.5	3.23	
September	4,458	4,458	843,962	65,929.9	5.28	
October	6,578	6,578	842,663	68,135.0	7.81	
November	10,351	10,351	840,147	65,895.2	12.32	
December	15,906	15,906	838,438	68,137.6	18.97	
2012						
January	22,292	22,292	883,354	71,626.1	25.24	
February	23,708	23,708	878,712	66,725.2	26.98	
March	16,047	16,047	879,793	71,390.3	18.24	
April	8,064	8,064	876,008	68,672.9	9.21	
May	4,820	4,820	874,695	70,894.5	5.51	
June	3,540	3,540	873,566	68,367.1	4.05	
July	2,417	2,417	867,026	70,149.4	2.79	
August	3,408	3,408	867,766	70,101.0	3.93	
September	5,099	5,099	867,101	67,773.7	5.88	
October	7,285	7,285	866,277	70,071.9	8.41	
November	11,562	11,562	864,739	67,844.6	13.37	
December	21,799	21,799	863,497	70,182.5	25.25	
2013						
January	25,607	25,607	867,852	70,418.8	29.51	
February	18,949	18,949	863,355	63,358.0	21.95	
March	12,361	12,361	863,861	70,213.9	14.31	
April	8,752	8,752	857,749	67,340.5	10.20	
May	5,793	5,793	859,615	69,587.6	6.74	
June	3,821	3,821	856,701	67,110.3	4.46	
July	2,588	2,588	862,812	69,720.2	3.00	
August	3,198	3,198	859,729	69,466.7	3.72	
September	4,542	4,542	857,661	67,144.4	5.30	
October	7,037	7,037	859,610	69,507.8	8.19	
November	10,934	10,934	857,261	67,279.9	12.75	
December	18,667	18,667	860,850	69,829.1	21.68	



Table 5. Summary of Pediatric Patients with Respiratory Syncytial Virus (RSV) and RSV-Related Events and Preventative Services in the Sentinel Distributed Database (SDD) between January 1, 2008 and September 30, 2015, by Event and Year-Month

	New Members witl	h	Eligible		Incidence per 1,000	
Year-Month	Event	<b>New Event Episodes</b>	Members	Member-Years	Eligible Members	
2014						
January	19,794	19,794	866,262	70,391.4	22.85	
February 16,156		16,156	865,895	63,553.1	18.66	
March	13,006	13,006	866,997 867,334	70,453.3	15.00 9.79 6.36	
April	8,489	8,489		68,110.2		
May	5,538	5,538	870,264	70,534.5		
June	3,686	3,686	868,573	68,108.4	4.24	
July	2,199	2,199	869,055	70,286.9	2.53	
August	3,082	3,082	3,082 861,186		3.58	
September	_		858,593	67,238.6	5.94	
October 6,107		6,107	861,321	61,321 69,640.5	7.09	
November 9,072		9,072 858,342 67,416		67,416.7	10.57	
December	17,281	17,281	859,827	69,881.5	20.10	
2015						
January	19,064	19,064	770,543	62,600.0	24.74	
February	18,354	18,354	769,569	56,510.4	23.85	
March 12,985		12,985	774,152	62,937.3	16.77	
April	8,012	8,012	771,182	58,787.7	10.39	
May	4,590	4,590	749,597	60,682.9	6.12	
June	3,071	3,071	747,595	58,631.0	4.11	
July	1,698	1,698	706,566	57,117.3	2.40	
August	2,197	2,197	704,104	56,919.4	3.12	
September	3,466	3,466	704,057	55,123.0	4.92	

<sup>&</sup>lt;sup>1</sup>IP = inpatient hospital stay care setting

ED = emergency department care setting

AV = ambulatory visit care setting



Appendix A. Latest Dates of Available Data for Each Data Partner (DP) as of Request Distribution Date (August 7, 2016)

DP ID	Start Date <sup>1</sup>	End Date <sup>1</sup>
DP01	1/1/2008	12/31/2014
DP02	1/1/2008	10/31/2014
DP03	1/1/2012	6/30/2015
DP04	1/1/2008	4/30/2015
DP05	1/1/2008	4/30/2014
DP06	1/1/2008	10/31/2014
DP07	1/1/2008	4/30/2014
DP08	1/1/2008	3/31/2015
DP09	1/1/2008	12/31/2014
DP10	1/1/2008	3/31/2015
DP11	1/1/2008	7/31/2014
DP12	1/1/2008	2/28/2015
DP13	1/1/2008	12/31/2012
DP14	1/1/2008	8/31/2014
DP15	1/1/2008	3/31/2015
DP16	1/1/2008	6/30/2012

<sup>&</sup>lt;sup>1</sup>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, Ninth Revision, Clinical Modification (ICD-9-CM) Diagnosis Codes, and Current Procedural Terminology, Fourth Edition (CPT-4) and Healthcare Common Procedure Coding System (HCPCS) Procedure Codes Used to Define Events in this Request

Code	Description	Code Type	Code Category				
Respiratory Syncytial Virus Diagnoses							
079.6	Respiratory syncytial virus	ICD-9-CM	Diagnosis				
480.1	Pneumonia due to respiratory syncytial virus	ICD-9-CM	Diagnosis				
Bronchiolitis Diagnoses							
466.11	Acute bronchiolitis due to respiratory syncytial virus	ICD-9-CM	Diagnosis				
466.19	Acute bronchiolitis due to other infectious organisms	ICD-9-CM	Diagnosis				
	Lab Test for RSV						
87798	Qualitative real-time polymerase chain reaction (RT-PCR)	CPT-4	Procedure				
87899	Rapid antigen-detection test	CPT-4	Procedure				
Drug Dispensings and Procedures							
S9562	Synagis	HCPCS	Procedure				
C9003	Synagis	HCPCS	Procedure				



## Appendix C. Specifications Defining Parameters used in this Request

In this request we used the Cohort Identification and Descriptive Analysis (CIDA) module, version 3.0.2 to investigate numbers of pediatric patients diagnosed and/or hospitalized with respiratory syncytial virus (RSV) and RSV-Related Events and Preventative Services in the Sentinel Distributed Database (SDD).

Enrollment Gap: 45 days

Query Period: January 1, 2008 - September 30, 2015

**Age Groups:** 1-2, 1-5, 3-5, 6-11, 6-17, 12-23, and 18-23 months.

Coverage Requirement: Drug and Medical

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Pre-Exposure Enrollment Requirement: 0 days

	Event/Index Date					Incidence Criteria		
Scenario	Incident Event	Care Setting	Principal Discharge Diagnosis	Combo	Cohort Definition	Washout (days)*	Incident with respect to:	Incidence Care Setting
1	RSV diagnosis	IP, ED, or AV	Any	N/A	All valid events	30	RSV diagnosis	Any
	RSV diagnosis, or	IP or ED	Any	N/A				
2	2 RSV diagnoses	AV	N/A	Diagnoses must occur within 14 days of each other, index date is date of the first diagnosis	All valid events	30	RSV diagnosis	Any
3	PCR lab test for RSV, or antigen lab test for RSV	Any	N/A	N/A	All valid events	30	PCR lab test for RSV, or antigen lab test for RSV	Any
4	PCR lab test for RSV	Any	N/A	N/A	All valid events	30	PCR lab test for RSV	Any
5	Antigen lab test for RSV	Any	N/A	N/A	All valid events	30	Antigen lab test for RSV	Any
6	Synagis dispensing or procedure	Any	N/A	N/A	All valid events	30	Synagis dispensing or procedure	Any
7	Bronchiolitis diagnosis	Any	Any	N/A	All valid events	30	Bronchiolitis diagnosis	Any

<sup>\*</sup>The washout will be done in the combination tool to avoid requiring pre-index enrollment.

International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) codes, National Drug Codes (NDCs), Current Procedural Terminology, Fourth Edition (CPT-4) codes, and Healthcare Common Procedure Coding System (HCPCS) codes are provided by Optum360. NDC codes are checked against First Data Bank's "National Drug Data File (NDDF®) Plus."