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

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Overview for Request cder_mpl1r_wp013_nsdp_v01, Report 2 of 3

Request ID: cder_mpl1r_wp013_nsdp_v01. This is report 2 of 3.

Query Description: This report contains the estimated number of children with asthma enrolled in the Sentinel System and evaluates the estimated length of enrollment following an asthma diagnosis.

Data Source: Data from January 1, 2004 to March 31, 2015, from 15 health plans contributing to the Sentinel Distributed Database (SDD) are included in this report. This request was distributed on February 19, 2016. See Appendix A for a list of dates of available data for each Data Partner.

Study Design: This request is designed to calculate background rates. The number of qualifying patients with a diagnosis, number of eligible members, and member-years were calculated overall and were stratified by age group, sex, year, and month.

Diagnosis of Interest: The diagnosis of interest was asthma, defined using International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) diagnosis code 493.xx. Please refer to Appendix B for the specific algorithm used to define a qualifying asthma diagnosis. Only the first qualifying diagnosis that occurred between January 1, 2004 and March 31, 2015 was examined per person.

Cohort Eligibility Criteria: There were three definitions of cohort eligibility in this request:

1) No additional exclusion criteria or enrollment criteria prior to diagnosis.

2) Members were excluded if they had a previous asthma diagnosis (as defined by the algorithm described in Appendix B) or a history of chronic obstructive pulmonary disease (COPD), cystic fibrosis, bronchiectasis, pulmonary hypertension or embolism, bronchopulmonary dysplasia, or congestive heart failure in the six months (183 days) prior to the diagnosis of interest. Patients were also required to be continuously enrolled for at least six months (183 days) before their diagnosis date, during which gaps in coverage of up to 45 days were allowed.

3) Members were excluded if they had a history of chronic obstructive pulmonary disease (COPD), cystic fibrosis, bronchiectasis, pulmonary hypertension or embolism, bronchopulmonary dysplasia, or congestive heart failure in their entire available history prior to the diagnosis of interest. No additional enrollment criteria prior to diagnosis was required.

For all three groups, members younger than 18 years of age with enrollment in plans with both medical and drug coverage were eligible to be included in the cohorts. Exclusion conditions listed in groups two and three were defined by ICD-9-CM diagnosis codes (see Appendix C for specific codes).

Individuals were also required to be continuously enrolled for various time periods following the diagnosis date of interest, during which gaps coverage of up to 45 days were allowed. The following post-diagnosis continuous enrollment spans were evaluated:

- a) 0 days, which requires enrollment on the diagnosis date only
- b) 3 months (90 days)
- c) 6 months (183 days)
- d) 9 months (270 days)
- e) 1 year (365 days)
- f) 2 years (730 days)
- g) 3 years (1,095 days)
- h) 5 years (1,826 days)

Please see *Appendix D* for the specifications of parameters to be used in the analyses for this request.

Notes: Please contact the Sentinel Operations Center Query Fulfillment Team (qf@sentinelssystem.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) Tool***

Amount Supplied - number of units (pills, tablets, vials) dispensed. Net amount per NDC per dispensing. This is equivalent to the "RxAmt" value in the MSCDM.

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). Along with the Principal Diagnosis Indicator, forms the Care Setting/PDX parameter.

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.

Cohort Definition (drug/exposure)- indicates how the cohort will be defined: (1) 01: Cohort includes only the first valid incident treatment episode during the query period; (2) 02: Cohort includes all valid incident treatment episodes during the query period; (3) 03: Cohort includes all valid incident treatment episodes during the query period until an event occurs.

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

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

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.

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

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

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 MP algorithm: (0) 0: Counts all occurrences of an HOI during an exposure episode; (1) 1: de-duplicates occurrences of the same HOI code and code type on the same day; (2) 2: de-duplicates occurrences of the same HOI group on the same day (e.g., de-duplicates at the group level).

Exposure Extension Period - number of days post treatment period in which the outcomes/events are counted for a treatment episode.

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

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

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.

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

Treatment Episode Truncation Indicator - indicates whether observation of the incident query code during follow-up requires truncation of valid treatment episodes. A value of Y indicates that the treatment episodes should be truncated at the first occurrence of an incident query code. A value of N indicates that the treatment episodes should not be truncated at the occurrence of the incident query code.

Users - number of members with exposure during the query period. Member must have no evidence of exposure(s) of interest (defined by incidence criteria) in the prior washout period. A user may only be counted once in a query period.

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.

*all terms may not be used in this report

**incident treatment episodes must be incident to both the exposure and the event

Table 1: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria and Minimum Enrollment Post-

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients / 1K Eligible Members
0 Day Minimum Enrollment after Index Date				
<i>No Exclusion Criteria</i>	3,430,437	35,796,674	77,018,887.0	95.83
<i>183 Day Prior Exclusionary Period</i>	2,660,015	28,418,471	61,368,887.9	93.60
<i>Entire History Prior Exclusionary Period</i>	3,407,413	35,788,097	76,806,437.7	95.21
3 months (90 days) Minimum Enrollment after Index Date				
<i>No Exclusion Criteria</i>	3,152,713	35,796,674	77,110,968.1	88.07
<i>183 Day Prior Exclusionary Period</i>	2,443,489	28,418,471	61,402,338.3	85.98
<i>Entire History Prior Exclusionary Period</i>	3,131,139	35,788,097	76,897,775.9	87.49
6 months (183 days) Minimum Enrollment after Index Date				
<i>No Exclusion Criteria</i>	2,865,040	35,796,674	77,267,784.9	80.04
<i>183 Day Prior Exclusionary Period</i>	2,219,218	28,418,471	61,433,685.3	78.09
<i>Entire History Prior Exclusionary Period</i>	2,844,924	35,788,097	77,053,203.5	79.49
9 months (270 days) Minimum Enrollment after Index Date				
<i>No Exclusion Criteria</i>	2,615,326	35,796,674	77,468,168.7	73.06
<i>183 Day Prior Exclusionary Period</i>	2,041,159	28,418,471	61,470,432.6	71.83
<i>Entire History Prior Exclusionary Period</i>	2,596,483	35,788,097	77,251,933.2	72.55
1 year (365 days) Minimum Enrollment after Index Date				
<i>No Exclusion Criteria</i>	2,353,615	35,796,674	77,744,153.8	65.75
<i>183 Day Prior Exclusionary Period</i>	1,865,491	28,418,471	61,534,691.0	65.64
<i>Entire History Prior Exclusionary Period</i>	2,336,165	35,788,097	77,525,424.9	65.28
2 years (730 days) Minimum Enrollment after Index Date				
<i>No Exclusion Criteria</i>	1,648,748	35,796,674	78,892,106.0	46.06
<i>183 Day Prior Exclusionary Period</i>	1,332,015	28,418,471	61,939,512.7	46.87
<i>Entire History Prior Exclusionary Period</i>	1,635,485	35,788,097	78,661,962.1	45.70
3 years (1,095 days) Minimum Enrollment after Index Date				
<i>No Exclusion Criteria</i>	1,176,645	35,796,674	80,083,181.7	32.87
<i>183 Day Prior Exclusionary Period</i>	961,135	28,418,471	62,464,686.7	33.82
<i>Entire History Prior Exclusionary Period</i>	1,166,618	35,788,097	79,839,498.2	32.60
5 years (1,826 days) Minimum Enrollment after Index Date				
<i>No Exclusion Criteria</i>	612,627	35,796,674	82,162,513.2	17.11
<i>183 Day Prior Exclusionary Period</i>	500,452	28,418,471	63,538,111.9	17.61
<i>Entire History Prior Exclusionary Period</i>	607,035	35,788,097	81,889,842.2	16.96

* The "183 Day Prior Exclusionary Period" reflects incident asthma diagnoses with a 183-day washout period and 183 days of enrollment prior to the diagnosis. The other groups reflect prevalent asthma diagnoses and do not require enrollment prior to the diagnosis.

Table 2: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Age Group*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients / 1K Eligible Members
0 Day Minimum Enrollment after Index Date				
<i>No Exclusion Criteria</i>				
Age at encounter				
0 - 1 Month	981	4,139,647	305,951.8	0.24
1 Month - 2 Years	423,367	7,430,023	7,308,203.0	56.98
2 - 5 Years	647,946	8,891,946	11,263,487.4	72.87
5 -11 Years	1,121,917	13,876,110	23,531,660.2	80.85
11 - 18 Years	1,236,226	18,090,950	34,609,584.6	68.33
183 Day Prior Exclusionary Period				
Age at encounter				
0 - 1 Month	30	5,629	444.5	5.33
1 Month - 2 Years	279,582	5,243,738	4,509,416.1	53.32
2 - 5 Years	497,202	7,202,991	9,120,514.6	69.03
5 -11 Years	879,137	11,383,841	19,241,120.0	77.23
11 - 18 Years	1,004,064	14,889,054	28,497,392.7	67.44
Entire History Prior Exclusionary Period				
Age at encounter				
0 - 1 Month	973	4,139,586	304,735.6	0.24
1 Month - 2 Years	416,304	7,412,382	7,272,254.2	56.16
2 - 5 Years	642,355	8,872,324	11,220,974.6	72.40
5 -11 Years	1,116,962	13,859,939	23,468,301.1	80.59
11 - 18 Years	1,230,819	18,079,985	34,540,172.2	68.08
3 months (90 days) Minimum Enrollment after Index Date				
<i>No Exclusion Criteria</i>				
Age at encounter				
0 - 1 Month	819	4,139,647	305,956.9	0.20
1 Month - 2 Years	386,005	7,430,146	7,313,425.7	51.95
2 - 5 Years	591,905	8,899,242	11,278,697.1	66.51
5 -11 Years	1,030,136	13,888,128	23,566,345.4	74.17
11 - 18 Years	1,143,848	18,102,002	34,646,543.0	63.19
183 Day Prior Exclusionary Period				
Age at encounter				
0 - 1 Month	26	5,629	444.5	4.62
1 Month - 2 Years	255,606	5,243,738	4,509,487.0	48.74
2 - 5 Years	453,961	7,205,902	9,124,285.8	63.00
5 -11 Years	806,123	11,390,711	19,255,075.4	70.77
11 - 18 Years	927,773	14,895,884	28,513,045.6	62.28
Entire History Prior Exclusionary Period				
Age at encounter				
0 - 1 Month	813	4,139,586	304,740.6	0.20
1 Month - 2 Years	379,519	7,412,503	7,277,387.5	51.20
2 - 5 Years	586,646	8,879,521	11,236,038.3	66.07
5 -11 Years	1,025,444	13,871,864	23,502,728.2	73.92
11 - 18 Years	1,138,717	18,090,981	34,576,881.2	62.94
6 months (183 days) Minimum Enrollment after Index Date				
<i>No Exclusion Criteria</i>				
Age at encounter				
0 - 1 Month	732	4,139,647	305,959.7	0.18
1 Month - 2 Years	349,933	7,430,233	7,325,175.7	47.10
2 - 5 Years	535,970	8,910,283	11,305,996.5	60.15
5 -11 Years	935,528	13,903,298	23,622,504.8	67.29
11 - 18 Years	1,042,877	18,115,910	34,708,148.1	57.57
183 Day Prior Exclusionary Period				
Age at encounter				
0 - 1 Month	22	5,629	444.5	3.91
1 Month - 2 Years	232,526	5,243,740	4,509,521.4	44.34
2 - 5 Years	411,354	7,208,657	9,127,583.9	57.06
5 -11 Years	731,469	11,397,188	19,267,962.1	64.18
11 - 18 Years	843,847	14,902,398	28,528,173.3	56.62
Entire History Prior Exclusionary Period				
Age at encounter				
0 - 1 Month	726	4,139,586	304,743.4	0.18
1 Month - 2 Years	344,011	7,412,589	7,288,891.7	46.41
2 - 5 Years	531,024	8,890,397	11,263,054.1	59.73
5 -11 Years	931,115	13,886,876	23,558,453.0	67.05
11 - 18 Years	1,038,048	18,104,815	34,638,061.3	57.34

Table 2: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Age Group*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients / 1K Eligible Members
9 months (270 days) Minimum Enrollment after Index Date				
<i>No Exclusion Criteria</i>				
<i>Age at encounter</i>				
0 - 1 Month	674	4,139,647	305,961.3	0.16
1 Month - 2 Years	319,319	7,430,291	7,340,635.2	42.98
2 - 5 Years	488,214	8,923,748	11,341,626.8	54.71
5 -11 Years	853,710	13,920,376	23,693,577.6	61.33
11 - 18 Years	953,409	18,131,585	34,786,367.7	52.58
183 Day Prior Exclusionary Period				
<i>Age at encounter</i>				
0 - 1 Month	20	5,629	444.5	3.55
1 Month - 2 Years	214,150	5,243,742	4,510,245.1	40.84
2 - 5 Years	377,831	7,214,572	9,132,280.4	52.37
5 -11 Years	672,560	11,405,796	19,282,383.2	58.97
11 - 18 Years	776,598	14,910,819	28,545,079.4	52.08
Entire History Prior Exclusionary Period				
<i>Age at encounter</i>				
0 - 1 Month	669	4,139,586	304,745.0	0.16
1 Month - 2 Years	313,873	7,412,646	7,304,025.7	42.34
2 - 5 Years	483,536	8,903,621	11,298,289.2	54.31
5 -11 Years	849,549	13,903,796	23,629,067.7	61.10
11 - 18 Years	948,856	18,120,407	34,715,805.6	52.36
1 year (365 days) Minimum Enrollment after Index Date				
<i>No Exclusion Criteria</i>				
<i>Age at encounter</i>				
0 - 1 Month	611	4,139,647	305,963.3	0.15
1 Month - 2 Years	287,117	7,430,354	7,361,592.4	38.64
2 - 5 Years	438,498	8,942,360	11,391,912.2	49.04
5 -11 Years	768,448	13,942,292	23,790,649.6	55.12
11 - 18 Years	858,941	18,151,412	34,894,036.4	47.32
183 Day Prior Exclusionary Period				
<i>Age at encounter</i>				
0 - 1 Month	20	5,629	444.5	3.55
1 Month - 2 Years	195,777	5,243,742	4,512,477.5	37.34
2 - 5 Years	345,066	7,223,685	9,141,942.2	47.77
5 -11 Years	615,249	11,417,044	19,305,908.2	53.89
11 - 18 Years	709,379	14,921,676	28,573,918.5	47.54
Entire History Prior Exclusionary Period				
<i>Age at encounter</i>				
0 - 1 Month	607	4,139,586	304,746.9	0.15
1 Month - 2 Years	282,122	7,412,708	7,324,536.2	38.06
2 - 5 Years	434,150	8,921,906	11,347,946.3	48.66
5 -11 Years	764,580	13,925,478	23,725,441.4	54.91
11 - 18 Years	854,706	18,140,108	34,822,754.0	47.12
2 years (730 days) Minimum Enrollment after Index Date				
<i>No Exclusion Criteria</i>				
<i>Age at encounter</i>				
0 - 1 Month	425	4,139,647	305,969.0	0.10
1 Month - 2 Years	202,292	7,430,540	7,430,461.5	27.22
2 - 5 Years	304,434	9,013,872	11,605,510.0	33.77
5 -11 Years	539,607	14,025,111	24,196,732.6	38.47
11 - 18 Years	601,990	18,225,528	35,353,432.9	33.03
183 Day Prior Exclusionary Period				
<i>Age at encounter</i>				
0 - 1 Month	17	5,629	444.5	3.02
1 Month - 2 Years	141,242	5,243,744	4,523,308.1	26.94
2 - 5 Years	244,836	7,266,915	9,209,897.6	33.69
5 -11 Years	440,747	11,469,565	19,449,878.5	38.43
11 - 18 Years	505,173	14,970,828	28,755,984.0	33.74
Entire History Prior Exclusionary Period				
<i>Age at encounter</i>				
0 - 1 Month	423	4,139,586	304,752.5	0.10
1 Month - 2 Years	198,617	7,412,890	7,391,775.8	26.79
2 - 5 Years	301,125	8,991,825	11,558,368.7	33.49
5 -11 Years	536,611	14,007,352	24,128,218.4	38.31
11 - 18 Years	598,709	18,213,747	35,278,846.7	32.87

Table 2: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Age Group*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients / 1K Eligible Members
3 years (1,095 days) Minimum Enrollment after Index Date				
<i>No Exclusion Criteria</i>				
<i>Age at encounter</i>				
0 - 1 Month	300	4,139,647	305,972.8	0.07
1 Month - 2 Years	146,867	7,430,665	7,478,292.3	19.76
2 - 5 Years	215,971	9,069,416	11,824,251.6	23.81
5 -11 Years	386,126	14,105,462	24,625,402.9	27.37
11 - 18 Years	427,381	18,298,218	35,849,262.0	23.36
183 Day Prior Exclusionary Period				
<i>Age at encounter</i>				
0 - 1 Month	13	5,629	444.5	2.31
1 Month - 2 Years	104,109	5,243,748	4,531,106.9	19.85
2 - 5 Years	176,069	7,302,670	9,298,164.7	24.11
5 -11 Years	318,975	11,525,845	19,637,604.5	27.67
11 - 18 Years	361,969	15,023,543	28,997,366.1	24.09
Entire History Prior Exclusionary Period				
<i>Age at encounter</i>				
0 - 1 Month	298	4,139,586	304,756.4	0.07
1 Month - 2 Years	144,170	7,413,014	7,438,363.7	19.45
2 - 5 Years	213,406	9,045,967	11,773,055.2	23.59
5 -11 Years	383,798	14,086,618	24,552,853.3	27.25
11 - 18 Years	424,946	18,285,909	35,770,469.6	23.24
5 years (1,826 days) Minimum Enrollment after Index Date				
<i>No Exclusion Criteria</i>				
<i>Age at encounter</i>				
0 - 1 Month	158	4,139,647	305,977.5	0.04
1 Month - 2 Years	79,083	7,430,807	7,537,061.0	10.64
2 - 5 Years	112,436	9,137,342	12,164,863.7	12.31
5 -11 Years	205,995	14,245,653	25,391,289.4	14.46
11 - 18 Years	214,955	18,421,622	36,763,321.6	11.67
183 Day Prior Exclusionary Period				
<i>Age at encounter</i>				
0 - 1 Month	9	5,629	444.5	1.60
1 Month - 2 Years	56,244	5,243,752	4,541,160.1	10.73
2 - 5 Years	92,129	7,349,856	9,452,782.6	12.53
5 -11 Years	170,178	11,633,097	20,032,026.3	14.63
11 - 18 Years	181,892	15,119,966	29,511,698.4	12.03
Entire History Prior Exclusionary Period				
<i>Age at encounter</i>				
0 - 1 Month	156	4,139,586	304,761.0	0.04
1 Month - 2 Years	77,499	7,413,156	7,495,670.2	10.45
2 - 5 Years	110,975	9,112,220	12,105,992.5	12.18
5 -11 Years	204,682	14,224,083	25,308,626.1	14.39
11 - 18 Years	213,723	18,408,089	36,674,792.4	11.61

* The "183 Day Prior Exclusionary Period" reflects incident asthma diagnoses with a 183-day washout period and 183 days of enrollment prior to the diagnosis. The other groups reflect prevalent asthma diagnoses and do not require enrollment prior to the diagnosis.

Figure 1: Prevalent Pediatric Asthma Patients (No Exclusion) in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Minimum Follow-up Requirement and Age Group

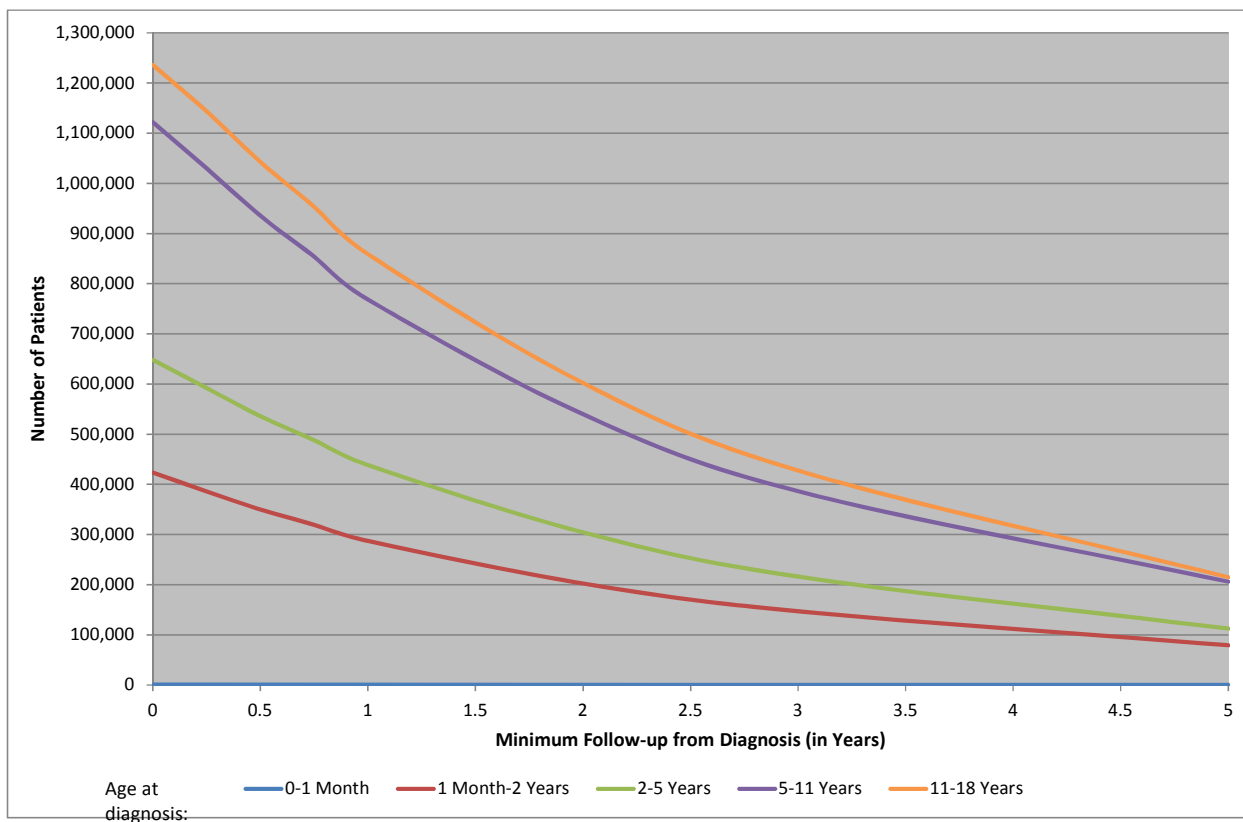
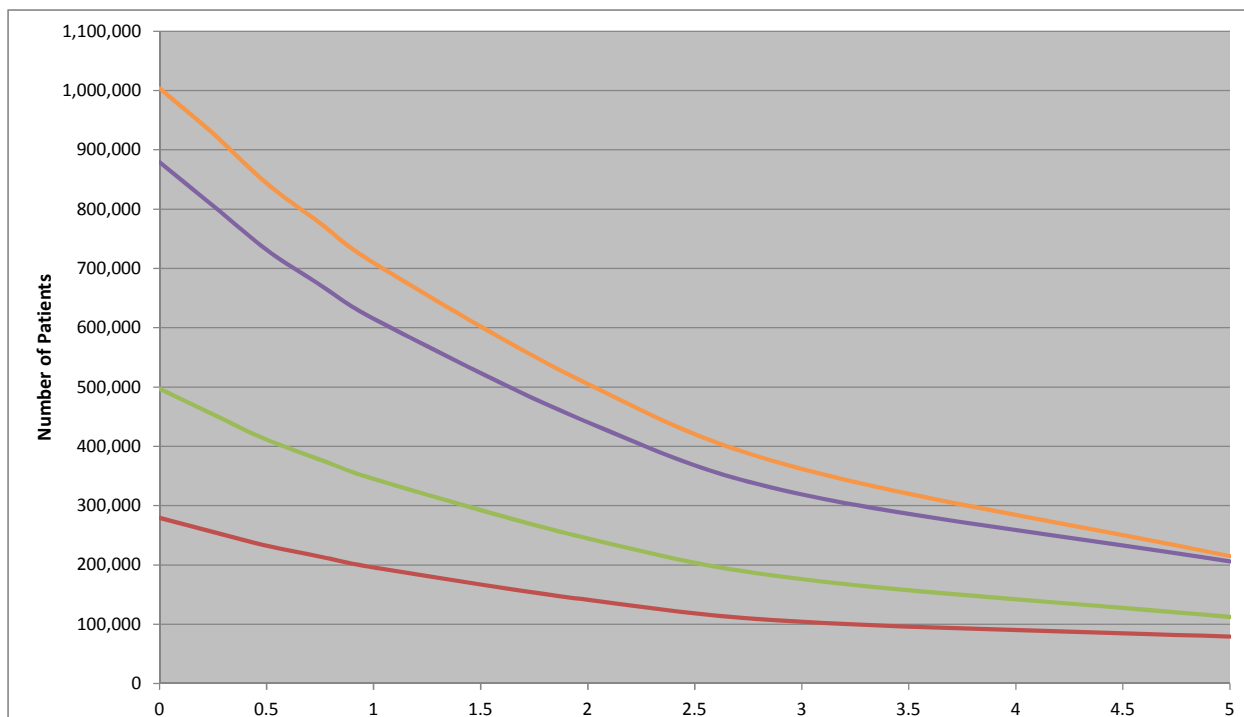


Figure 2: Incident Pediatric Asthma Patients (183-day Exclusion) in the SDD between January 1, 2004 and March 31, 2015, by Minimum Follow-up Requirement and Age



Minimum Follow-up from Incident Diagnosis (in Years)

— 1 Month-2 Years — 2-5 Years — 5-11 Years — 11-18 Years

Table 3: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Sex*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients / 1K Eligible Members	Percent Male
0 Day Minimum Enrollment after Index Date					
<i>No Exclusion Criteria</i>					
Female	1,475,945	17,497,541	38,284,402.3	84.35	
Male	1,954,334	18,296,552	38,731,565.6	106.81	57.0%
Unknown	158	2,581	2,919.1	61.22	
183 Day Prior Exclusionary Period					
Female	1,151,705	13,914,981	30,515,533.1	82.77	
Male	1,508,206	14,501,960	30,851,395.8	104.00	56.7%
Unknown	104	1,530	1,959.0	67.97	
Entire History Prior Exclusionary Period					
Female	1,466,241	17,493,698	38,185,170.6	83.82	
Male	1,941,014	18,291,818	38,618,350.5	106.11	57.0%
Unknown	158	2,581	2,916.7	61.22	
3 months (90 days) Minimum Enrollment after Index Date					
<i>No Exclusion Criteria</i>					
Female	1,356,912	17,497,541	38,323,500.8	77.55	
Male	1,795,676	18,296,552	38,784,542.3	98.14	57.0%
Unknown	125	2,581	2,925.0	48.43	
183 Day Prior Exclusionary Period					
Female	1,058,571	13,914,981	30,529,543.9	76.07	
Male	1,384,836	14,501,960	30,870,834.2	95.49	56.7%
Unknown	82	1,530	1,960.3	53.59	
Entire History Prior Exclusionary Period					
Female	1,347,812	17,493,698	38,223,952.1	77.05	
Male	1,783,202	18,291,818	38,670,901.2	97.49	57.0%
Unknown	125	2,581	2,922.6	48.43	
6 months (183 days) Minimum Enrollment after Index Date					
<i>No Exclusion Criteria</i>					
Female	1,233,088	17,497,541	38,390,082.0	70.47	
Male	1,631,843	18,296,552	38,874,769.7	89.19	57.0%
Unknown	109	2,581	2,933.2	42.23	
183 Day Prior Exclusionary Period					
Female	961,771	13,914,981	30,542,551.1	69.12	
Male	1,257,376	14,501,960	30,889,172.5	86.70	56.7%
Unknown	71	1,530	1,961.7	46.41	
Entire History Prior Exclusionary Period					
Female	1,224,599	17,493,698	38,289,961.4	70.00	
Male	1,620,216	18,291,818	38,760,311.4	88.58	57.0%
Unknown	109	2,581	2,930.8	42.23	
9 months (270 days) Minimum Enrollment after Index Date					
<i>No Exclusion Criteria</i>					
Female	1,125,934	17,497,541	38,475,055.9	64.35	
Male	1,489,296	18,296,552	38,990,171.4	81.40	56.9%
Unknown	96	2,581	2,941.3	37.19	
183 Day Prior Exclusionary Period					
Female	884,790	13,914,981	30,558,365.9	63.59	
Male	1,156,309	14,501,960	30,910,104.1	79.73	56.7%
Unknown	60	1,530	1,962.7	39.22	
Entire History Prior Exclusionary Period					
Female	1,117,980	17,493,698	38,374,258.5	63.91	
Male	1,478,407	18,291,818	38,874,735.8	80.82	56.9%
Unknown	96	2,581	2,938.9	37.19	
1 year (365 days) Minimum Enrollment after Index Date					
<i>No Exclusion Criteria</i>					
Female	1,013,164	17,497,541	38,592,463.7	57.90	
Male	1,340,380	18,296,552	39,148,728.1	73.26	57.0%
Unknown	71	2,581	2,962.1	27.51	
183 Day Prior Exclusionary Period					
Female	808,380	13,914,981	30,586,093.2	58.09	
Male	1,057,064	14,501,960	30,946,631.7	72.89	56.7%
Unknown	47	1,530	1,966.2	30.72	
Entire History Prior Exclusionary Period					
Female	1,005,806	17,493,698	38,490,616.0	57.50	
Male	1,330,288	18,291,818	39,031,849.2	72.73	56.9%
Unknown	71	2,581	2,959.6	27.51	
2 years (730 days) Minimum Enrollment after Index Date					

Table 3: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Sex*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients / 1K Eligible Members	Percent Male
No Exclusion Criteria					
Female	710,387	17,497,541	39,078,315.4	40.60	
Male	938,328	18,296,552	39,810,771.5	51.28	56.9%
Unknown	33	2,581	3,019.1	12.79	
183 Day Prior Exclusionary Period					
Female	577,488	13,914,981	30,760,494.2	41.50	
Male	754,505	14,501,960	31,177,036.5	52.03	56.6%
Unknown	22	1,530	1,982.1	14.38	
Entire History Prior Exclusionary Period					
Female	704,777	17,493,698	38,971,774.9	40.29	
Male	930,675	18,291,818	39,687,170.6	50.88	56.9%
Unknown	33	2,581	3,016.6	12.79	
3 years (1,095 days) Minimum Enrollment after Index Date					
No Exclusion Criteria					
Female	506,944	17,497,541	39,582,724.4	28.97	
Male	669,687	18,296,552	40,497,393.4	36.60	56.9%
Unknown	14	2,581	3,063.9	5.42	
183 Day Prior Exclusionary Period					
Female	416,588	13,914,981	30,987,461.1	29.94	
Male	544,534	14,501,960	31,475,228.5	37.55	56.7%
Unknown	13	1,530	1,997.2	8.50	
Entire History Prior Exclusionary Period					
Female	502,744	17,493,698	39,470,459.9	28.74	
Male	663,860	18,291,818	40,365,976.8	36.29	56.9%
Unknown	14	2,581	3,061.5	5.42	
5 years (1,826 days) Minimum Enrollment after Index Date					
No Exclusion Criteria					
Female	261,918	17,497,541	40,464,770.8	14.97	
Male	350,702	18,296,552	41,694,643.8	19.17	57.2%
Unknown	7	2,581	3,098.7	2.71	
183 Day Prior Exclusionary Period					
Female	215,430	13,914,981	31,449,996.7	15.48	
Male	285,016	14,501,960	32,086,096.2	19.65	57.0%
Unknown	6	1,530	2,018.9	3.92	
Entire History Prior Exclusionary Period					
Female	259,561	17,493,698	40,340,884.8	14.84	
Male	347,467	18,291,818	41,545,861.2	19.00	57.2%
Unknown	7	2,581	3,096.3	2.71	

* The "183 Day Prior Exclusionary Period" reflects incident asthma diagnoses with a 183-day washout period and 183 days of enrollment prior to the diagnosis. The other groups reflect prevalent asthma diagnoses and do not require enrollment prior to the diagnosis.

Table 4: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
0 Day Minimum Enrollment after Index Date				
<i>No Exclusion Criteria</i>				
2004	153,743	2,551,193	2,033,422.4	60.26
2005	102,618	2,491,941	2,003,229.9	41.18
2006	278,704	6,347,586	4,837,445.3	43.91
2007	220,213	6,742,154	5,042,121.6	32.66
2008	573,910	13,650,093	10,206,349.7	42.04
2009	443,670	12,581,445	9,595,777.7	35.26
2010	359,337	11,595,113	8,882,250.7	30.99
2011	325,689	10,819,177	8,322,676.5	30.10
2012	324,869	10,787,865	8,280,773.9	30.11
2013	288,463	10,568,575	8,048,650.2	27.29
2014	284,430	10,513,020	7,968,172.7	27.06
2015	74,791	7,838,269	1,798,016.4	9.54
183 Day Prior Exclusionary Period				
2004	113,574	2,266,284	1,711,882.8	50.11
2005	93,989	2,238,176	1,742,079.0	41.99
2006	157,150	5,049,618	2,941,738.8	31.12
2007	191,322	5,780,589	4,112,902.8	33.10
2008	316,543	10,924,912	6,469,918.9	28.97
2009	411,592	11,102,390	8,112,354.9	37.07
2010	312,977	10,198,487	7,538,147.1	30.69
2011	277,379	9,496,077	7,087,029.7	29.21
2012	261,457	9,364,047	6,855,604.2	27.92
2013	239,803	9,169,011	6,790,043.1	26.15
2014	232,045	9,036,252	6,606,926.8	25.68
2015	52,184	6,084,941	1,400,259.9	8.58
Entire History Prior Exclusionary Period				
2004	151,602	2,543,176	2,026,345.0	59.61
2005	101,782	2,485,009	1,996,401.8	40.96
2006	277,148	6,340,238	4,825,614.8	43.71
2007	217,504	6,724,818	5,024,557.3	32.34
2008	570,767	13,631,746	10,181,657.6	41.87
2009	440,895	12,552,065	9,567,358.7	35.13
2010	356,945	11,567,422	8,856,028.2	30.86
2011	323,641	10,793,714	8,298,477.7	29.98
2012	322,936	10,765,193	8,258,902.1	30.00
2013	286,767	10,546,814	8,027,744.5	27.19
2014	282,928	10,492,365	7,948,112.3	26.97
2015	74,498	7,827,113	1,795,237.6	9.52
3 months (90 days) Minimum Enrollment after Index Date				
<i>No Exclusion Criteria</i>				
2004	147,747	2,551,193	2,034,400.6	57.91
2005	98,949	2,493,849	2,004,795.7	39.68
2006	262,971	6,350,170	4,840,988.6	41.41
2007	205,961	6,747,339	5,046,514.8	30.52
2008	529,795	13,656,943	10,215,410.1	38.79
2009	409,588	12,592,599	9,605,261.2	32.53
2010	333,191	11,607,382	8,892,014.8	28.71
2011	301,283	10,832,387	8,333,303.6	27.81
2012	302,052	10,802,328	8,291,931.4	27.96
2013	266,970	10,583,784	8,060,451.9	25.22
2014	257,643	10,528,895	7,981,277.0	24.47
2015	36,563	7,850,576	1,804,618.4	4.66
183 Day Prior Exclusionary Period				
2004	109,310	2,266,284	1,711,888.9	48.23
2005	90,639	2,239,044	1,742,411.4	40.48
2006	148,305	5,051,264	2,942,563.6	29.36
2007	180,124	5,782,919	4,114,112.7	31.15
2008	289,705	10,928,352	6,471,732.5	26.51
2009	379,066	11,106,993	8,114,837.8	34.13
2010	289,131	10,204,918	7,541,572.5	28.33
2011	256,177	9,504,072	7,091,448.0	26.95
2012	243,072	9,373,093	6,860,836.4	25.93

Table 4: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
2013	221,860	9,178,988	6,795,873.0	24.17
2014	209,389	9,046,999	6,613,434.6	23.14
2015	26,711	6,091,183	1,401,627.0	4.39
Entire History Prior Exclusionary Period				
2004	145,669	2,543,176	2,027,309.5	57.28
2005	98,140	2,486,898	1,997,953.6	39.46
2006	261,472	6,342,797	4,829,129.2	41.22
2007	203,373	6,729,955	5,028,895.4	30.22
2008	526,842	13,638,496	10,190,642.5	38.63
2009	406,986	12,563,115	9,576,751.2	32.40
2010	330,943	11,579,580	8,865,703.0	28.58
2011	299,346	10,806,810	8,309,019.1	27.70
2012	300,219	10,779,548	8,269,977.4	27.85
2013	265,388	10,561,908	8,039,465.1	25.13
2014	256,310	10,508,129	7,961,126.2	24.39
2015	36,451	7,839,372	1,801,803.7	4.65
6 months (183 days) Minimum Enrollment after Index Date				
No Exclusion Criteria				
2004	141,353	2,551,193	2,036,574.2	55.41
2005	95,250	2,496,709	2,007,258.4	38.15
2006	247,464	6,353,619	4,847,714.8	38.95
2007	192,256	6,755,599	5,054,252.6	28.46
2008	488,702	13,667,344	10,233,407.1	35.76
2009	377,630	12,610,360	9,622,486.4	29.95
2010	309,068	11,625,574	8,908,023.5	26.59
2011	279,153	10,849,893	8,349,312.2	25.73
2012	279,593	10,820,910	8,308,906.7	25.84
2013	247,094	10,603,336	8,077,240.3	23.30
2014	203,653	10,548,056	8,003,612.3	19.31
2015	3,824	7,894,529	1,818,996.4	0.48
183 Day Prior Exclusionary Period				
2004	104,954	2,266,284	1,711,888.9	46.31
2005	87,400	2,239,688	1,742,624.4	39.02
2006	139,976	5,052,766	2,943,247.2	27.70
2007	169,635	5,785,130	4,115,236.2	29.32
2008	265,953	10,931,734	6,473,531.3	24.33
2009	349,146	11,111,438	8,117,245.8	31.42
2010	267,700	10,210,978	7,544,774.5	26.22
2011	237,442	9,511,678	7,095,660.8	24.96
2012	225,357	9,381,726	6,865,812.6	24.02
2013	205,379	9,188,378	6,801,342.9	22.35
2014	163,135	9,056,889	6,619,446.2	18.01
2015	3,141	6,096,872	1,402,874.5	0.52
Entire History Prior Exclusionary Period				
2004	139,340	2,543,176	2,029,458.4	54.79
2005	94,467	2,489,730	2,000,394.9	37.94
2006	246,031	6,346,216	4,835,801.1	38.77
2007	189,813	6,738,121	5,036,514.9	28.17
2008	485,931	13,648,729	10,208,485.3	35.60
2009	375,187	12,580,692	9,593,812.1	29.82
2010	306,938	11,597,590	8,881,565.5	26.47
2011	277,328	10,824,155	8,324,894.5	25.62
2012	277,856	10,797,977	8,286,811.5	25.73
2013	245,606	10,581,279	8,056,107.4	23.21
2014	202,608	10,527,112	7,983,260.6	19.25
2015	3,819	7,883,061	1,816,097.5	0.48
9 months (270 days) Minimum Enrollment after Index Date				
No Exclusion Criteria				
2004	135,871	2,551,193	2,039,185.7	53.26
2005	91,427	2,499,769	2,010,444.6	36.57
2006	233,509	6,357,372	4,856,240.4	36.73
2007	180,331	6,764,846	5,063,823.1	26.66
2008	452,797	13,678,571	10,256,549.4	33.10

Table 4: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
2009	349,356	12,630,572	9,645,116.9	27.66
2010	286,491	11,645,975	8,929,014.8	24.60
2011	258,763	10,869,044	8,369,055.8	23.81
2012	260,320	10,841,361	8,329,055.2	24.01
2013	228,894	10,624,712	8,097,743.9	21.54
2014	137,567	10,569,147	8,037,467.4	13.02
2015	0	7,956,326	1,834,471.5	0.00
183 Day Prior Exclusionary Period				
2004	101,402	2,266,284	1,712,034.7	44.74
2005	84,300	2,241,202	1,742,990.3	37.61
2006	133,889	5,054,863	2,943,985.6	26.49
2007	161,137	5,789,936	4,116,851.1	27.83
2008	251,245	10,937,281	6,475,644.8	22.97
2009	325,681	11,121,660	8,121,022.7	29.28
2010	250,119	10,222,347	7,548,997.0	24.47
2011	222,277	9,522,366	7,100,218.1	23.34
2012	211,971	9,393,002	6,870,770.2	22.57
2013	191,874	9,200,663	6,806,862.7	20.85
2014	107,264	9,069,359	6,625,756.7	11.83
2015	0	6,117,666	1,405,298.9	0.00
Entire History Prior Exclusionary Period				
2004	133,913	2,543,176	2,032,035.2	52.66
2005	90,668	2,492,760	2,003,550.9	36.37
2006	232,132	6,349,928	4,844,260.5	36.56
2007	177,980	6,747,285	5,045,968.4	26.38
2008	450,139	13,659,815	10,231,454.8	32.95
2009	347,045	12,600,735	9,616,263.2	27.54
2010	284,503	11,617,805	8,902,368.3	24.49
2011	257,061	10,843,133	8,344,460.4	23.71
2012	258,677	10,818,264	8,306,792.4	23.91
2013	227,512	10,602,497	8,076,445.0	21.46
2014	136,853	10,548,023	8,016,852.1	12.97
2015	0	7,944,490	1,831,482.0	0.00
1 year (365 days) Minimum Enrollment after Index Date				
No Exclusion Criteria				
2004	130,243	2,551,193	2,042,583.5	51.05
2005	87,240	2,503,661	2,014,645.1	34.84
2006	218,205	6,361,943	4,868,110.3	34.30
2007	167,639	6,776,638	5,076,818.6	24.74
2008	411,686	13,691,949	10,290,641.8	30.07
2009	317,210	12,658,005	9,678,370.3	25.06
2010	262,006	11,672,406	8,958,577.9	22.45
2011	236,028	10,893,331	8,396,736.3	21.67
2012	238,966	10,866,520	8,356,391.5	21.99
2013	209,050	10,650,857	8,125,154.8	19.63
2014	75,342	10,594,667	8,087,381.7	7.11
2015	0	8,016,693	1,848,741.9	0.00
183 Day Prior Exclusionary Period				
2004	97,960	2,266,284	1,712,407.7	43.22
2005	81,035	2,243,211	1,743,884.8	36.12
2006	127,902	5,057,507	2,945,144.0	25.29
2007	152,219	5,795,601	4,119,880.6	26.26
2008	236,021	10,944,222	6,479,328.1	21.57
2009	299,851	11,134,058	8,128,789.9	26.93
2010	231,847	10,237,681	7,556,880.1	22.65
2011	205,767	9,536,030	7,107,802.7	21.58
2012	197,865	9,407,109	6,878,325.2	21.03
2013	177,732	9,215,555	6,815,158.1	19.29
2014	57,292	9,084,481	6,636,309.4	6.31
2015	0	6,150,042	1,410,780.4	0.00
Entire History Prior Exclusionary Period				
2004	128,339	2,543,176	2,035,387.3	50.46
2005	86,511	2,496,601	2,007,703.7	34.65

Table 4: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
2006	216,892	6,354,446	4,856,021.6	34.13
2007	165,443	6,758,949	5,058,772.9	24.48
2008	409,177	13,672,967	10,265,269.6	29.93
2009	315,057	12,627,882	9,649,217.1	24.95
2010	260,162	11,643,978	8,931,655.9	22.34
2011	234,432	10,867,163	8,371,893.1	21.57
2012	237,410	10,843,187	8,333,888.1	21.89
2013	207,762	10,628,400	8,103,622.8	19.55
2014	74,980	10,573,306	8,066,340.3	7.09
2015	0	8,004,441	1,845,652.4	0.00
2 years (730 days) Minimum Enrollment after Index Date				
<i>No Exclusion Criteria</i>				
2004	112,972	2,551,193	2,052,228.0	44.28
2005	74,065	2,520,514	2,035,091.1	29.38
2006	175,980	6,382,822	4,905,653.2	27.57
2007	130,547	6,828,900	5,135,020.2	19.12
2008	299,227	13,752,424	10,396,813.8	21.76
2009	236,969	12,796,293	9,827,994.6	18.52
2010	196,776	11,801,436	9,085,215.8	16.67
2011	181,883	11,008,516	8,508,207.9	16.52
2012	178,348	10,972,450	8,463,422.1	16.25
2013	61,981	10,765,349	8,268,205.5	5.76
2014	0	10,798,228	8,318,870.3	0.00
2015	0	8,212,482	1,895,383.5	0.00
183 Day Prior Exclusionary Period				
2004	86,180	2,266,284	1,713,502.3	38.03
2005	70,190	2,253,805	1,750,615.2	31.14
2006	106,449	5,072,231	2,953,001.6	20.99
2007	121,837	5,821,532	4,135,557.0	20.93
2008	178,874	10,985,621	6,502,680.4	16.28
2009	228,170	11,201,898	8,168,786.5	20.37
2010	177,001	10,330,821	7,609,302.7	17.13
2011	161,936	9,617,690	7,153,685.2	16.84
2012	150,602	9,478,895	6,919,244.1	15.89
2013	50,776	9,293,122	6,862,408.6	5.46
2014	0	9,238,418	6,734,404.7	0.00
2015	0	6,271,190	1,436,324.4	0.00
Entire History Prior Exclusionary Period				
2004	111,274	2,543,176	2,044,889.9	43.75
2005	73,441	2,513,201	2,027,876.8	29.22
2006	174,916	6,375,074	4,893,165.3	27.44
2007	128,663	6,810,573	5,116,192.9	18.89
2008	297,220	13,732,553	10,370,326.2	21.64
2009	235,257	12,764,736	9,797,360.6	18.43
2010	195,316	11,771,659	9,057,034.2	16.59
2011	180,602	10,981,182	8,482,241.9	16.45
2012	177,125	10,948,012	8,439,870.4	16.18
2013	61,671	10,741,777	8,245,335.1	5.74
2014	0	10,774,978	8,295,743.1	0.00
2015	0	8,198,713	1,891,925.8	0.00
3 years (1,095 days) Minimum Enrollment after Index Date				
<i>No Exclusion Criteria</i>				
2004	99,160	2,551,193	2,060,069.2	38.87
2005	64,123	2,534,073	2,053,637.4	25.30
2006	141,813	6,405,519	4,944,062.4	22.14
2007	105,712	6,877,834	5,190,844.9	15.37
2008	228,424	13,817,194	10,492,178.2	16.53
2009	182,664	12,906,364	9,952,775.7	14.15
2010	157,671	11,941,382	9,225,787.2	13.20
2011	141,313	11,130,408	8,628,523.2	12.70
2012	55,765	11,083,195	8,602,039.2	5.03
2013	0	10,959,578	8,490,488.8	0.00
2014	0	11,012,933	8,511,454.6	0.00

Table 4: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
2015	0	8,362,995	1,931,321.0	0.00
183 Day Prior Exclusionary Period				
2004	76,222	2,266,284	1,714,464.6	33.63
2005	61,645	2,263,089	1,757,495.1	27.24
2006	89,000	5,089,073	2,964,664.5	17.49
2007	100,607	5,849,101	4,153,192.4	17.20
2008	142,053	11,026,122	6,530,009.4	12.88
2009	178,441	11,264,333	8,208,894.2	15.84
2010	143,885	10,421,444	7,668,860.2	13.81
2011	127,505	9,711,760	7,214,986.9	13.13
2012	41,777	9,561,946	6,973,922.0	4.37
2013	0	9,446,219	6,965,395.8	0.00
2014	0	9,409,570	6,854,543.1	0.00
2015	0	6,373,284	1,458,258.4	0.00
Entire History Prior Exclusionary Period				
2004	97,615	2,543,176	2,052,618.9	38.38
2005	63,617	2,526,572	2,046,148.7	25.18
2006	140,886	6,397,390	4,931,061.8	22.02
2007	104,159	6,858,868	5,171,204.8	15.19
2008	226,815	13,796,289	10,464,429.6	16.44
2009	181,300	12,873,271	9,920,493.4	14.08
2010	156,452	11,909,879	9,195,984.5	13.14
2011	140,288	11,101,689	8,601,248.8	12.64
2012	55,486	11,057,565	8,576,988.6	5.02
2013	0	10,934,003	8,465,415.2	0.00
2014	0	10,987,535	8,486,345.9	0.00
2015	0	8,347,964	1,927,558.0	0.00
5 years (1,826 days) Minimum Enrollment after Index Date				
No Exclusion Criteria				
2004	78,163	2,551,193	2,072,066.3	30.64
2005	50,577	2,554,481	2,080,670.1	19.80
2006	100,073	6,437,914	4,998,198.4	15.54
2007	72,803	6,948,977	5,274,629.0	10.48
2008	150,129	13,912,426	10,623,792.5	10.79
2009	119,122	13,065,574	10,132,775.1	9.12
2010	41,760	12,139,122	9,457,625.7	3.44
2011	0	11,411,065	8,960,599.9	0.00
2012	0	11,446,123	8,982,017.2	0.00
2013	0	11,317,694	8,819,648.8	0.00
2014	0	11,308,168	8,779,363.9	0.00
2015	0	8,571,346	1,981,126.4	0.00
183 Day Prior Exclusionary Period				
2004	60,614	2,266,284	1,715,988.8	26.75
2005	49,372	2,277,505	1,768,057.1	21.68
2006	66,388	5,114,227	2,983,505.1	12.98
2007	71,431	5,893,329	4,185,346.1	12.12
2008	97,530	11,091,557	6,576,153.6	8.79
2009	118,770	11,360,221	8,276,403.9	10.45
2010	36,347	10,559,579	7,767,206.5	3.44
2011	0	9,928,441	7,371,129.0	0.00
2012	0	9,862,470	7,190,183.7	0.00
2013	0	9,743,506	7,182,051.5	0.00
2014	0	9,652,884	7,032,148.7	0.00
2015	0	6,518,911	1,489,937.9	0.00
Entire History Prior Exclusionary Period				
2004	76,899	2,543,176	2,064,412.4	30.24
2005	50,175	2,546,631	2,072,733.4	19.70
2006	99,382	6,429,253	4,984,374.6	15.46
2007	71,814	6,928,848	5,253,410.7	10.36
2008	149,048	13,889,615	10,593,641.1	10.73
2009	118,141	13,029,528	10,097,393.2	9.07
2010	41,576	12,104,366	9,424,238.7	3.43
2011	0	11,378,245	8,928,851.0	0.00

Table 4: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
2012	0	11,416,036	8,952,535.1	0.00
2013	0	11,287,858	8,790,587.4	0.00
2014	0	11,279,065	8,750,803.9	0.00
2015	0	8,554,237	1,976,860.7	0.00

* The "183 Day Prior Exclusionary Period" reflects incident asthma diagnoses with a 183-day washout period and 183 days of enrollment prior to the diagnosis. The other groups reflect prevalent asthma diagnoses and do not require enrollment prior to the diagnosis.

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
0 Day Minimum Enrollment after Index Date				
No Exclusion Criteria				
2004				
January	21,583	2,137,187	179,231.7	10.10
February	19,606	2,110,536	165,717.2	9.29
March	19,127	2,092,685	175,379.4	9.14
April	14,442	2,066,586	167,960.5	6.99
May	13,054	2,050,131	172,287.4	6.37
June	8,767	2,039,023	165,838.1	4.30
July	6,569	2,033,529	170,954.8	3.23
August	8,679	2,028,761	170,462.3	4.28
September	10,044	2,024,291	164,616.4	4.96
October	11,236	2,025,203	170,096.6	5.55
November	11,079	2,007,059	163,317.3	5.52
December	9,557	1,992,072	167,560.8	4.80
2005				
January	10,410	2,035,038	171,030.7	5.12
February	10,530	2,025,505	153,903.9	5.20
March	11,228	2,023,992	170,096.5	5.55
April	10,337	2,014,358	163,922.2	5.13
May	10,333	2,009,451	168,972.3	5.14
June	6,891	2,002,581	163,018.7	3.44
July	4,893	2,013,490	169,437.4	2.43
August	6,084	2,019,714	169,921.0	3.01
September	7,521	2,030,005	165,223.3	3.70
October	8,428	2,041,306	171,724.6	4.13
November	8,320	2,041,967	166,290.1	4.07
December	7,643	2,016,089	169,689.3	3.79
2006				
January	35,536	4,964,658	416,343.8	7.16
February	29,805	4,929,001	373,920.1	6.05
March	29,243	4,911,067	412,024.1	5.95
April	22,542	4,890,431	397,694.4	4.61
May	27,232	4,883,468	409,067.7	5.58
June	17,176	4,851,688	394,433.3	3.54
July	13,044	4,850,980	407,676.8	2.69
August	17,359	4,849,274	406,940.2	3.58
September	19,768	4,845,489	393,640.1	4.08
October	23,197	4,945,790	414,773.7	4.69
November	23,312	4,914,474	399,654.3	4.74
December	20,490	4,893,323	411,276.8	4.19
2007				
January	21,814	4,923,711	413,357.9	4.43
February	20,113	4,899,255	371,885.2	4.11
March	19,719	4,885,223	410,320.5	4.04
April	17,079	4,874,308	396,423.4	3.50
May	16,871	4,864,775	408,713.6	3.47
June	14,270	5,267,654	428,277.9	2.71
July	11,821	5,255,681	441,656.8	2.25
August	15,949	5,261,443	441,189.9	3.03
September	19,085	5,250,253	426,573.2	3.64
October	22,445	5,249,965	440,202.1	4.28
November	22,372	5,232,014	425,424.9	4.28
December	18,675	5,215,998	438,096.1	3.58
2008				
January	80,864	10,672,895	891,019.5	7.58
February	67,140	10,536,664	827,177.3	6.37
March	55,181	10,476,090	879,126.2	5.27
April	54,521	10,401,508	844,876.8	5.24
May	48,283	10,325,349	866,597.3	4.68
June	32,454	10,253,473	833,564.9	3.17
July	28,286	10,236,927	859,915.4	2.76
August	33,804	10,231,426	858,811.1	3.30

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
September	43,589	10,201,875	828,839.3	4.27
October	47,241	10,153,837	852,536.5	4.65
November	41,946	10,089,589	820,948.2	4.16
December	40,601	10,034,920	842,937.3	4.05
2009				
January	43,001	10,098,563	845,998.9	4.26
February	44,472	9,975,363	757,087.1	4.46
March	43,032	9,897,657	831,037.0	4.35
April	39,341	9,815,824	798,393.5	4.01
May	35,104	9,752,131	819,525.9	3.60
June	27,376	9,693,360	788,712.6	2.82
July	22,578	9,639,373	810,357.7	2.34
August	29,289	9,619,959	808,119.0	3.04
September	41,479	9,578,509	778,767.7	4.33
October	46,350	9,513,977	799,309.5	4.87
November	38,253	9,444,472	768,717.6	4.05
December	33,395	9,387,618	789,751.2	3.56
2010				
January	35,226	9,210,096	772,251.4	3.82
February	36,069	9,130,392	692,850.2	3.95
March	37,573	9,086,431	763,241.2	4.14
April	35,429	9,024,205	734,269.9	3.93
May	28,726	8,983,552	755,522.5	3.20
June	22,604	8,965,237	729,228.4	2.52
July	18,856	8,945,004	752,343.6	2.11
August	24,178	8,945,615	751,945.3	2.70
September	29,681	8,916,887	725,147.5	3.33
October	31,230	8,873,119	746,054.4	3.52
November	31,497	8,831,526	719,081.4	3.57
December	28,268	8,797,919	740,314.9	3.21
2011				
January	30,796	8,578,271	719,746.5	3.59
February	31,452	8,508,932	646,654.7	3.70
March	33,850	8,488,982	713,237.9	3.99
April	29,504	8,448,137	687,129.5	3.49
May	28,824	8,424,209	707,887.5	3.42
June	19,994	8,393,408	682,910.2	2.38
July	16,007	8,365,334	703,411.7	1.91
August	22,766	8,381,175	703,661.4	2.72
September	25,996	8,382,318	681,255.9	3.10
October	28,838	8,359,695	702,606.3	3.45
November	29,919	8,323,086	677,304.7	3.59
December	27,743	8,283,943	696,870.2	3.35
2012				
January	33,725	8,527,545	715,628.5	3.95
February	33,327	8,462,072	665,788.0	3.94
March	31,194	8,433,710	708,970.4	3.70
April	28,649	8,395,269	683,073.5	3.41
May	25,844	8,369,015	703,586.2	3.09
June	18,837	8,343,994	679,088.0	2.26
July	18,466	8,289,154	697,086.5	2.23
August	25,107	8,301,467	697,529.3	3.02
September	26,513	8,294,211	674,167.4	3.20
October	28,514	8,274,351	695,142.9	3.45
November	27,366	8,230,599	670,489.6	3.32
December	27,327	8,197,846	690,223.5	3.33
2013				
January	30,092	8,257,489	693,439.4	3.64
February	26,085	8,188,781	622,720.0	3.19
March	25,983	8,160,713	686,583.7	3.18
April	26,780	8,120,316	661,253.2	3.30
May	25,943	8,100,469	681,288.1	3.20

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
June	16,962	8,078,275	658,077.9	2.10
July	17,076	8,129,155	683,616.7	2.10
August	21,483	8,123,334	682,927.7	2.64
September	23,600	8,108,114	660,207.0	2.91
October	26,520	8,105,119	681,814.7	3.27
November	25,022	8,075,258	657,862.3	3.10
December	22,917	8,075,421	678,859.6	2.84
2014				
January	25,870	8,159,741	686,255.6	3.17
February	23,342	8,122,252	617,959.0	2.87
March	25,445	8,101,891	681,751.3	3.14
April	25,596	8,112,811	660,719.6	3.16
May	24,021	8,108,481	682,345.9	2.96
June	18,050	8,087,474	658,826.4	2.23
July	17,095	8,068,762	679,106.0	2.12
August	22,547	8,007,553	671,112.4	2.82
September	27,910	7,970,691	648,820.9	3.50
October	25,764	7,953,365	669,180.6	3.24
November	23,428	7,924,245	645,831.8	2.96
December	25,362	7,913,386	666,263.0	3.20
2015				
January	25,891	7,422,875	624,194.4	3.49
February	23,906	7,316,272	556,550.0	3.27
March	24,994	7,335,892	617,271.9	3.41
183 Day Prior Exclusionary Period				
2004				
January	9,796	1,692,150	140,458.4	5.79
February	10,759	1,671,989	131,055.2	6.43
March	11,860	1,675,776	140,069.3	7.08
April	9,845	1,671,838	135,471.2	5.89
May	9,867	1,669,497	139,824.2	5.91
June	6,888	1,667,159	135,268.0	4.13
July	5,792	1,804,863	151,094.2	3.21
August	7,989	1,816,182	151,022.4	4.40
September	9,634	1,790,447	145,465.9	5.38
October	10,863	1,806,934	149,935.9	6.01
November	10,930	1,770,494	143,916.5	6.17
December	9,351	1,796,573	148,301.7	5.20
2005				
January	9,300	1,759,773	146,234.2	5.28
February	9,601	1,735,255	131,710.9	5.53
March	10,104	1,737,172	145,746.5	5.82
April	9,236	1,734,102	140,925.3	5.33
May	9,242	1,729,575	145,306.9	5.34
June	6,155	1,716,505	139,788.7	3.59
July	4,600	1,780,003	149,272.3	2.58
August	5,745	1,808,374	150,129.1	3.18
September	7,102	1,791,176	145,800.7	3.96
October	7,917	1,817,004	151,013.3	4.36
November	7,829	1,798,429	146,383.7	4.35
December	7,158	1,817,705	149,767.4	3.94
2006				
January	7,053	1,775,260	147,611.6	3.97
February	7,594	1,752,786	133,248.1	4.33
March	8,126	1,760,515	147,791.1	4.62
April	6,872	1,762,970	143,497.7	3.90
May	10,161	1,766,378	147,536.5	5.75
June	5,730	1,744,849	142,029.6	3.28
July	11,311	4,210,717	340,222.9	2.69
August	16,200	4,269,060	353,239.0	3.79
September	18,822	4,203,101	341,338.1	4.48
October	22,089	4,266,325	352,637.5	5.18

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
November	22,920	4,190,088	340,224.8	5.47
December	20,272	4,279,016	352,362.0	4.74
2007				
January	19,101	4,087,615	338,570.6	4.67
February	17,439	4,014,424	304,674.9	4.34
March	17,692	4,021,712	337,313.5	4.40
April	15,900	4,097,250	332,969.9	3.88
May	15,731	4,089,542	343,408.9	3.85
June	10,517	4,063,501	330,739.2	2.59
July	9,653	4,231,880	354,571.3	2.28
August	13,419	4,289,187	355,214.5	3.13
September	16,221	4,208,269	342,246.4	3.85
October	19,080	4,270,405	353,016.4	4.47
November	19,142	4,189,867	340,838.7	4.57
December	17,427	4,611,197	379,338.4	3.78
2008				
January	17,111	4,408,212	363,815.4	3.88
February	16,872	4,316,075	339,155.1	3.91
March	14,598	4,322,228	362,955.5	3.38
April	15,785	4,315,971	350,799.6	3.66
May	15,108	4,291,952	360,532.5	3.52
June	10,243	4,246,689	345,968.9	2.41
July	24,092	8,776,609	724,933.3	2.75
August	31,207	8,941,972	737,515.7	3.49
September	41,564	8,750,393	710,669.3	4.75
October	46,634	8,889,626	733,013.8	5.25
November	42,240	8,710,611	707,621.2	4.85
December	41,089	8,948,252	732,938.7	4.59
2009				
January	35,416	8,275,722	680,893.3	4.28
February	37,793	8,064,874	611,651.4	4.69
March	37,392	8,057,144	675,233.7	4.64
April	34,584	8,018,294	651,557.4	4.31
May	31,687	7,990,864	670,682.3	3.97
June	24,756	7,918,561	644,336.4	3.13
July	22,211	8,494,621	709,938.6	2.61
August	29,471	8,586,724	710,696.0	3.43
September	41,694	8,401,465	683,179.6	4.96
October	46,487	8,476,089	701,576.7	5.48
November	37,693	8,301,316	675,563.5	4.54
December	32,408	8,477,605	697,045.9	3.82
2010				
January	27,820	7,707,008	636,010.3	3.61
February	29,112	7,537,887	571,922.6	3.86
March	30,795	7,528,801	631,676.3	4.09
April	29,804	7,486,489	608,860.1	3.98
May	24,167	7,436,010	625,152.2	3.25
June	18,981	7,383,639	600,830.7	2.57
July	17,286	7,847,776	656,631.4	2.20
August	22,873	7,923,053	656,562.8	2.89
September	27,687	7,744,860	630,315.6	3.57
October	28,930	7,824,740	647,653.5	3.70
November	29,294	7,677,622	625,086.0	3.82
December	26,228	7,880,631	647,445.7	3.33
2011				
January	23,817	7,215,352	595,767.5	3.30
February	24,960	7,063,876	536,799.1	3.53
March	27,224	7,086,281	594,585.4	3.84
April	24,329	7,070,152	575,090.0	3.44
May	23,863	7,042,272	591,691.0	3.39
June	16,622	6,987,973	568,985.2	2.38
July	14,259	7,329,364	613,752.8	1.95

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
August	20,736	7,417,167	613,872.0	2.80
September	23,144	7,266,003	591,332.3	3.19
October	25,711	7,350,887	608,524.5	3.50
November	27,376	7,224,604	587,832.5	3.79
December	25,338	7,405,237	608,797.3	3.42
2012				
January	22,523	6,773,990	558,760.2	3.32
February	23,131	6,641,014	522,374.9	3.48
March	22,490	6,658,974	559,037.4	3.38
April	21,035	6,645,097	540,890.1	3.17
May	19,646	6,622,199	556,651.2	2.97
June	14,169	6,570,186	535,168.1	2.16
July	16,323	7,247,600	607,352.1	2.25
August	22,739	7,336,889	607,258.6	3.10
September	23,864	7,180,890	584,481.9	3.32
October	25,714	7,271,905	601,477.5	3.54
November	24,796	7,130,987	580,896.0	3.48
December	25,027	7,315,679	601,256.1	3.42
2013				
January	22,677	6,874,914	567,456.5	3.30
February	19,868	6,734,669	512,090.8	2.95
March	20,237	6,751,412	567,009.8	3.00
April	21,343	6,731,287	548,091.4	3.17
May	21,033	6,712,265	564,386.7	3.13
June	14,014	6,664,230	543,184.8	2.10
July	14,772	7,070,956	591,670.0	2.09
August	19,068	7,134,642	591,235.4	2.67
September	20,871	6,985,303	569,105.0	2.99
October	23,428	7,071,152	586,215.9	3.31
November	22,328	6,947,293	565,966.8	3.21
December	20,164	7,156,971	583,630.0	2.82
2014				
January	18,174	6,575,106	543,686.0	2.76
February	16,604	6,457,163	491,194.9	2.57
March	18,858	6,469,088	543,940.5	2.92
April	19,254	6,470,958	526,784.5	2.98
May	18,177	6,445,561	542,146.9	2.82
June	13,903	6,449,068	525,371.0	2.16
July	15,073	6,988,212	584,605.4	2.16
August	20,156	7,018,590	579,169.0	2.87
September	24,846	6,848,508	557,726.1	3.63
October	23,047	6,989,609	577,560.7	3.30
November	21,269	6,859,598	559,122.7	3.10
December	22,684	6,999,214	575,619.1	3.24
2015				
January	17,660	5,889,253	486,279.9	3.00
February	16,597	5,696,499	433,311.6	2.91
March	17,927	5,719,249	480,668.5	3.13
Entire History Prior Exclusionary Period				
2004				
January	21,158	2,129,366	178,579.3	9.94
February	19,303	2,103,010	165,126.0	9.18
March	18,874	2,085,328	174,761.6	9.05
April	14,234	2,059,373	167,371.4	6.91
May	12,895	2,043,025	171,687.2	6.31
June	8,636	2,032,000	165,262.5	4.25
July	6,483	2,026,605	170,367.6	3.20
August	8,575	2,021,851	169,875.8	4.24
September	9,928	2,017,411	164,053.2	4.92
October	11,113	2,018,360	169,515.0	5.51
November	10,958	2,000,255	162,758.4	5.48
December	9,445	1,985,325	166,987.0	4.76

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
2005				
January	10,309	2,028,385	170,465.3	5.08
February	10,448	2,018,844	153,391.9	5.18
March	11,145	2,017,312	169,528.6	5.52
April	10,261	2,007,669	163,370.3	5.11
May	10,263	2,002,703	168,396.6	5.12
June	6,843	1,995,814	162,462.4	3.43
July	4,859	2,006,735	168,860.8	2.42
August	6,029	2,012,903	169,340.9	3.00
September	7,453	2,023,174	164,656.6	3.68
October	8,359	2,034,364	171,131.2	4.11
November	8,239	2,034,951	165,709.5	4.05
December	7,574	2,009,063	169,087.8	3.77
2006				
January	35,439	4,957,611	415,693.9	7.15
February	29,686	4,921,002	373,292.8	6.03
March	29,100	4,902,742	411,305.3	5.94
April	22,444	4,881,848	396,980.7	4.60
May	27,096	4,874,693	408,296.6	5.56
June	17,077	4,842,562	393,594.0	3.53
July	12,946	4,840,626	406,571.8	2.67
August	17,208	4,836,108	405,793.9	3.56
September	19,650	4,831,987	392,471.5	4.07
October	23,056	4,931,438	413,527.5	4.68
November	23,124	4,899,766	398,263.4	4.72
December	20,322	4,876,237	409,823.5	4.17
2007				
January	21,611	4,906,824	411,898.5	4.40
February	19,596	4,882,088	370,560.7	4.01
March	19,528	4,867,961	408,843.6	4.01
April	16,945	4,856,949	394,991.5	3.49
May	16,734	4,847,403	407,228.3	3.45
June	14,156	5,250,201	426,830.9	2.70
July	11,714	5,238,114	440,155.2	2.24
August	15,825	5,243,808	439,688.5	3.02
September	18,449	5,232,557	425,150.6	3.53
October	22,262	5,232,607	438,690.9	4.25
November	22,171	5,214,211	423,954.5	4.25
December	18,513	5,198,009	436,564.0	3.56
2008				
January	80,595	10,655,110	889,409.2	7.56
February	66,878	10,517,849	825,646.8	6.36
March	54,970	10,456,559	877,432.2	5.26
April	54,137	10,381,366	842,987.4	5.21
May	48,024	10,302,047	864,600.4	4.66
June	32,177	10,229,950	831,625.7	3.15
July	28,055	10,213,435	857,700.9	2.75
August	33,624	10,205,073	856,502.8	3.29
September	43,332	10,174,612	826,578.5	4.26
October	46,976	10,126,316	850,190.8	4.64
November	41,691	10,061,968	818,543.5	4.14
December	40,308	10,005,410	840,439.2	4.03
2009				
January	42,724	10,070,036	843,564.9	4.24
February	44,207	9,946,696	754,888.9	4.44
March	42,777	9,868,895	828,598.7	4.33
April	39,099	9,787,192	796,039.2	3.99
May	34,892	9,723,603	817,097.6	3.59
June	27,178	9,664,953	786,375.1	2.81
July	22,435	9,611,100	807,953.7	2.33
August	29,087	9,591,631	805,712.1	3.03
September	41,228	9,550,246	776,445.9	4.32

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
October	46,095	9,485,839	796,918.5	4.86
November	38,002	9,416,390	766,400.6	4.04
December	33,171	9,359,548	787,363.3	3.54
2010				
January	34,993	9,183,309	769,978.1	3.81
February	35,864	9,103,534	690,803.3	3.94
March	37,328	9,059,844	760,984.8	4.12
April	35,219	8,997,704	732,090.1	3.91
May	28,520	8,957,184	753,282.0	3.18
June	22,423	8,938,889	727,076.0	2.51
July	18,716	8,918,945	750,127.0	2.10
August	24,042	8,919,596	749,733.2	2.70
September	29,486	8,890,932	723,011.5	3.32
October	31,023	8,847,308	743,861.7	3.51
November	31,267	8,805,779	716,960.2	3.55
December	28,064	8,772,135	738,120.3	3.20
2011				
January	30,615	8,553,691	717,655.6	3.58
February	31,230	8,484,303	644,762.9	3.68
March	33,653	8,464,391	711,147.2	3.98
April	29,308	8,423,563	685,110.4	3.48
May	28,642	8,399,728	705,806.4	3.41
June	19,878	8,369,048	680,913.2	2.38
July	15,899	8,341,257	701,365.7	1.91
August	22,633	8,357,054	701,619.0	2.71
September	25,825	8,358,399	679,291.3	3.09
October	28,648	8,335,916	700,587.0	3.44
November	29,747	8,299,442	675,358.0	3.58
December	27,563	8,260,341	694,860.9	3.34
2012				
January	33,530	8,505,716	713,761.3	3.94
February	33,150	8,440,269	664,048.9	3.93
March	30,990	8,411,820	707,108.1	3.68
April	28,489	8,373,353	681,267.0	3.40
May	25,681	8,347,036	701,717.2	3.08
June	18,707	8,322,090	677,287.2	2.25
July	18,357	8,267,535	695,246.1	2.22
August	24,975	8,279,769	695,684.0	3.02
September	26,370	8,272,542	672,383.9	3.19
October	28,339	8,252,669	693,302.1	3.43
November	27,197	8,209,013	668,710.3	3.31
December	27,151	8,176,255	688,386.1	3.32
2013				
January	29,918	8,236,627	691,658.8	3.63
February	25,938	8,167,771	621,103.7	3.18
March	25,841	8,139,799	684,803.4	3.17
April	26,609	8,099,429	659,535.1	3.29
May	25,793	8,079,635	679,513.9	3.19
June	16,849	8,057,447	656,359.7	2.09
July	16,968	8,108,309	681,845.3	2.09
August	21,366	8,102,516	681,154.8	2.64
September	23,471	8,087,312	658,492.2	2.90
October	26,384	8,084,340	680,043.8	3.26
November	24,875	8,054,446	656,145.5	3.09
December	22,755	8,054,540	677,088.3	2.83
2014				
January	25,715	8,139,872	684,553.9	3.16
February	23,223	8,102,184	616,412.5	2.87
March	25,319	8,081,711	680,029.8	3.13
April	25,446	8,092,525	659,047.7	3.14
May	23,897	8,088,155	680,615.7	2.95
June	17,943	8,067,156	657,149.0	2.22

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
July	17,016	8,048,479	677,375.5	2.11
August	22,428	7,987,852	669,437.4	2.81
September	27,783	7,950,999	647,198.7	3.49
October	25,624	7,933,679	667,504.5	3.23
November	23,322	7,904,553	644,205.4	2.95
December	25,212	7,893,658	664,582.4	3.19
2015				
January	25,806	7,411,818	623,238.8	3.48
February	23,801	7,305,157	555,688.7	3.26
March	24,891	7,324,665	616,310.2	3.40
3 months (90 days) Minimum Enrollment after Index Date				
No Exclusion Criteria				
2004				
January	20,837	2,137,187	179,261.2	9.75
February	18,887	2,111,069	165,785.5	8.95
March	18,456	2,093,536	175,471.5	8.82
April	13,870	2,067,349	168,039.1	6.71
May	12,502	2,050,861	172,369.7	6.10
June	8,378	2,039,892	165,920.7	4.11
July	6,343	2,034,251	171,020.2	3.12
August	8,355	2,029,444	170,527.4	4.12
September	9,691	2,025,086	164,690.7	4.79
October	10,698	2,026,135	170,191.5	5.28
November	10,572	2,008,229	163,431.9	5.26
December	9,158	1,993,451	167,691.1	4.59
2005				
January	10,075	2,036,155	171,133.0	4.95
February	10,198	2,026,714	154,006.9	5.03
March	10,905	2,025,309	170,216.5	5.38
April	10,018	2,015,709	164,041.4	4.97
May	9,966	2,010,842	169,101.4	4.96
June	6,633	2,004,048	163,146.4	3.31
July	4,758	2,014,896	169,558.1	2.36
August	5,878	2,021,132	170,045.4	2.91
September	7,265	2,031,496	165,352.2	3.58
October	7,995	2,042,918	171,875.6	3.91
November	7,924	2,043,816	166,456.2	3.88
December	7,334	2,018,020	169,862.7	3.63
2006				
January	33,845	4,966,320	416,547.2	6.81
February	28,404	4,931,740	374,178.5	5.76
March	27,832	4,914,292	412,341.8	5.66
April	21,400	4,893,547	397,984.4	4.37
May	25,920	4,886,496	409,364.7	5.30
June	16,311	4,854,687	394,703.0	3.36
July	12,391	4,853,646	407,920.3	2.55
August	16,585	4,851,811	407,175.8	3.42
September	18,892	4,848,136	393,881.6	3.90
October	21,305	4,948,641	415,079.5	4.31
November	21,375	4,918,341	400,040.1	4.35
December	18,711	4,898,355	411,771.8	3.82
2007				
January	20,778	4,927,082	413,671.1	4.22
February	19,179	4,902,645	372,172.0	3.91
March	18,777	4,888,719	410,642.1	3.84
April	16,079	4,877,798	396,740.5	3.30
May	15,923	4,868,406	409,051.8	3.27
June	13,271	5,271,348	428,611.1	2.52
July	11,187	5,259,332	441,983.0	2.13
August	15,094	5,265,129	441,522.3	2.87
September	18,132	5,253,985	426,907.7	3.45
October	20,426	5,253,935	440,603.3	3.89
November	20,223	5,237,073	425,917.0	3.86

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
2008				
December	16,892	5,222,293	438,692.7	3.23
January	75,815	10,677,625	891,592.0	7.10
February	62,970	10,543,988	827,894.8	5.97
March	51,666	10,484,651	879,957.7	4.93
April	50,855	10,409,277	845,609.1	4.89
May	45,171	10,333,055	867,342.9	4.37
June	30,364	10,260,906	834,228.3	2.96
July	26,680	10,243,173	860,472.5	2.60
August	31,806	10,237,283	859,362.5	3.11
September	41,123	10,207,905	829,408.2	4.03
October	41,536	10,160,437	853,289.8	4.09
November	36,551	10,099,575	821,971.7	3.62
December	35,258	10,048,351	844,280.7	3.51
2009				
January	40,372	10,106,514	846,709.4	3.99
February	41,978	9,982,975	757,736.7	4.20
March	40,698	9,905,475	831,769.5	4.11
April	36,936	9,823,360	799,075.9	3.76
May	32,902	9,759,867	820,249.6	3.37
June	25,690	9,701,252	789,405.5	2.65
July	21,351	9,646,410	810,979.3	2.21
August	27,745	9,626,834	808,740.8	2.88
September	39,396	9,585,606	779,410.7	4.11
October	40,456	9,521,473	800,151.7	4.25
November	33,138	9,456,013	769,863.4	3.50
December	28,926	9,402,359	791,168.7	3.08
2010				
January	33,435	9,218,370	772,970.9	3.63
February	34,151	9,138,477	693,526.4	3.74
March	35,588	9,094,868	764,013.1	3.91
April	33,370	9,032,609	735,017.0	3.69
May	27,093	8,992,217	756,308.7	3.01
June	21,245	8,973,950	729,975.9	2.37
July	17,760	8,953,079	753,051.5	1.98
August	22,902	8,953,698	752,661.1	2.56
September	28,240	8,925,072	725,855.2	3.16
October	27,331	8,881,478	746,901.5	3.08
November	27,506	8,842,428	720,130.4	3.11
December	24,570	8,811,498	741,602.9	2.79
2011				
January	29,187	8,587,381	720,543.0	3.40
February	29,803	8,518,080	647,400.7	3.50
March	32,070	8,498,475	714,094.4	3.77
April	27,702	8,457,578	687,955.2	3.28
May	27,111	8,433,853	708,756.8	3.21
June	18,805	8,403,072	683,729.0	2.24
July	15,196	8,374,446	704,194.7	1.81
August	21,550	8,390,075	704,442.9	2.57
September	24,652	8,391,460	682,038.1	2.94
October	25,157	8,368,949	703,518.5	3.01
November	26,011	8,334,791	678,411.9	3.12
December	24,039	8,298,227	698,218.3	2.90
2012				
January	31,939	8,537,888	716,538.0	3.74
February	31,535	8,472,470	666,665.5	3.72
March	29,571	8,444,333	709,916.1	3.50
April	26,738	8,405,563	683,971.8	3.18
May	24,202	8,379,534	704,527.5	2.89
June	17,597	8,354,584	679,986.8	2.11
July	17,478	8,298,596	697,904.3	2.11
August	23,754	8,310,873	698,361.5	2.86

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
September	25,160	8,303,899	674,997.6	3.03
October	25,540	8,284,190	696,075.4	3.08
November	24,286	8,241,900	671,526.4	2.95
December	24,252	8,211,021	691,460.4	2.95
2013				
January	28,523	8,268,206	694,389.3	3.45
February	24,662	8,199,546	623,583.8	3.01
March	24,531	8,171,496	687,546.1	3.00
April	25,078	8,130,837	662,172.0	3.08
May	24,249	8,111,300	682,267.5	2.99
June	15,932	8,089,296	659,011.1	1.97
July	16,168	8,139,571	684,519.9	1.99
August	20,412	8,133,592	683,824.7	2.51
September	22,345	8,118,482	661,093.8	2.75
October	23,245	8,115,690	682,825.5	2.86
November	21,810	8,087,926	659,022.2	2.70
December	20,015	8,089,865	680,196.1	2.47
2014				
January	24,517	8,171,218	687,261.7	3.00
February	22,082	8,133,712	618,871.6	2.71
March	23,898	8,113,347	682,773.4	2.95
April	23,946	8,124,338	661,715.1	2.95
May	22,196	8,120,170	683,400.3	2.73
June	16,744	8,099,572	659,860.0	2.07
July	15,992	8,080,392	680,121.7	1.98
August	21,343	8,018,635	672,070.9	2.66
September	26,325	7,981,702	649,774.7	3.30
October	21,319	7,964,658	670,295.0	2.68
November	18,700	7,938,525	647,191.5	2.36
December	20,581	7,930,782	667,940.8	2.60
2015				
January	16,699	7,434,265	625,493.9	2.25
February	9,655	7,335,255	558,549.3	1.32
March	10,209	7,367,919	620,575.3	1.39
183 Day Prior Exclusionary Period				
2004				
January	9,485	1,692,150	140,458.4	5.61
February	10,367	1,671,989	131,055.2	6.20
March	11,497	1,675,776	140,069.3	6.86
April	9,505	1,671,838	135,471.2	5.69
May	9,486	1,669,497	139,824.2	5.68
June	6,603	1,667,159	135,268.0	3.96
July	5,602	1,804,863	151,094.2	3.10
August	7,705	1,816,182	151,022.4	4.24
September	9,310	1,790,448	145,465.9	5.20
October	10,382	1,806,949	149,936.2	5.75
November	10,436	1,770,519	143,918.1	5.89
December	8,932	1,796,662	148,305.8	4.97
2005				
January	8,999	1,759,899	146,241.8	5.11
February	9,303	1,735,396	131,720.4	5.36
March	9,803	1,737,342	145,759.9	5.64
April	8,956	1,734,315	140,941.2	5.16
May	8,920	1,729,817	145,325.9	5.16
June	5,949	1,716,775	139,809.6	3.47
July	4,471	1,780,350	149,299.5	2.51
August	5,565	1,808,838	150,161.9	3.08
September	6,861	1,791,670	145,838.8	3.83
October	7,482	1,817,627	151,058.4	4.12
November	7,470	1,799,067	146,433.3	4.15
December	6,860	1,818,426	149,820.6	3.77
2006				

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
January	6,841	1,775,995	147,668.4	3.85
February	7,374	1,753,524	133,301.7	4.21
March	7,880	1,761,282	147,852.4	4.47
April	6,639	1,763,756	143,559.4	3.76
May	9,851	1,767,177	147,601.3	5.57
June	5,517	1,745,640	142,092.8	3.16
July	10,776	4,211,575	340,292.7	2.56
August	15,518	4,270,021	353,312.4	3.63
September	18,099	4,204,066	341,413.5	4.31
October	20,268	4,267,369	352,717.9	4.75
November	21,025	4,191,085	340,303.6	5.02
December	18,517	4,280,122	352,447.5	4.33
2007				
January	18,273	4,088,731	338,658.0	4.47
February	16,707	4,015,503	304,754.2	4.16
March	16,935	4,022,816	337,403.4	4.21
April	15,038	4,098,361	333,058.1	3.67
May	14,900	4,090,677	343,501.6	3.64
June	9,901	4,064,659	330,831.7	2.44
July	9,221	4,233,147	354,674.5	2.18
August	12,857	4,290,592	355,323.8	3.00
September	15,542	4,209,651	342,356.3	3.69
October	17,537	4,271,934	353,133.9	4.11
November	17,406	4,191,343	340,954.5	4.15
December	15,807	4,612,825	379,462.7	3.43
2008				
January	16,208	4,409,836	363,942.9	3.68
February	16,000	4,317,637	339,274.8	3.71
March	13,748	4,323,825	363,086.0	3.18
April	14,849	4,317,632	350,930.8	3.44
May	14,297	4,293,680	360,673.8	3.33
June	9,711	4,248,424	346,108.1	2.29
July	22,826	8,778,566	725,093.3	2.60
August	29,567	8,944,095	737,680.1	3.31
September	39,407	8,752,486	710,834.9	4.50
October	40,918	8,891,881	733,190.0	4.60
November	36,681	8,712,810	707,794.7	4.21
December	35,493	8,950,613	733,123.0	3.97
2009				
January	33,381	8,278,049	681,078.7	4.03
February	35,718	8,067,141	611,818.9	4.43
March	35,398	8,059,472	675,423.6	4.39
April	32,546	8,020,666	651,744.9	4.06
May	29,743	7,993,216	670,874.8	3.72
June	23,262	7,920,925	644,524.7	2.94
July	21,019	8,497,287	710,157.2	2.47
August	28,017	8,589,597	710,922.1	3.26
September	39,682	8,404,317	683,404.8	4.72
October	40,200	8,479,078	701,810.6	4.74
November	32,267	8,304,191	675,792.2	3.89
December	27,833	8,480,717	697,285.4	3.28
2010				
January	26,360	7,710,058	636,250.9	3.42
February	27,554	7,540,885	572,144.5	3.65
March	29,146	7,531,865	631,926.6	3.87
April	28,043	7,489,622	609,108.0	3.74
May	22,758	7,439,188	625,412.7	3.06
June	17,792	7,386,843	601,086.5	2.41
July	16,294	7,851,576	656,940.5	2.08
August	21,687	7,927,093	656,880.3	2.74
September	26,359	7,748,783	630,628.9	3.40
October	25,158	7,829,019	647,987.7	3.21

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
November	25,353	7,681,763	625,414.4	3.30
December	22,627	7,885,047	647,791.6	2.87
2011				
January	22,611	7,219,561	596,103.9	3.13
February	23,643	7,067,942	537,101.1	3.35
March	25,819	7,090,389	594,922.2	3.64
April	22,850	7,074,281	575,419.0	3.23
May	22,432	7,046,462	592,035.2	3.18
June	15,619	6,992,186	569,321.7	2.23
July	13,587	7,334,179	614,147.7	1.85
August	19,713	7,422,269	614,276.4	2.66
September	22,042	7,270,995	591,729.8	3.03
October	22,337	7,356,103	608,936.6	3.04
November	23,709	7,229,646	588,234.3	3.28
December	21,815	7,410,603	609,220.0	2.94
2012				
January	21,390	6,779,039	559,163.9	3.16
February	21,975	6,645,912	522,752.2	3.31
March	21,420	6,663,903	559,444.0	3.21
April	19,679	6,650,102	541,291.0	2.96
May	18,491	6,627,248	557,067.4	2.79
June	13,271	6,575,202	535,570.7	2.02
July	15,518	7,253,283	607,820.3	2.14
August	21,567	7,342,856	607,734.1	2.94
September	22,720	7,186,672	584,944.2	3.16
October	22,971	7,277,905	601,954.1	3.16
November	21,933	7,136,768	581,359.2	3.07
December	22,137	7,321,680	601,735.2	3.02
2013				
January	21,515	6,880,528	567,909.8	3.13
February	18,876	6,740,081	512,494.4	2.80
March	19,180	6,756,864	567,459.6	2.84
April	20,060	6,736,818	548,534.5	2.98
May	19,707	6,717,785	564,843.9	2.93
June	13,144	6,669,804	543,633.1	1.97
July	14,035	7,077,336	592,193.1	1.98
August	18,137	7,141,269	591,767.5	2.54
September	19,874	6,991,765	569,622.9	2.84
October	20,440	7,077,867	586,756.3	2.89
November	19,328	6,953,819	566,489.4	2.78
December	17,564	7,163,836	584,168.5	2.45
2014				
January	17,268	6,581,482	544,201.5	2.62
February	15,767	6,463,383	491,661.1	2.44
March	17,796	6,475,315	544,457.6	2.75
April	18,004	6,477,219	527,286.9	2.78
May	16,916	6,451,800	542,663.7	2.62
June	12,943	6,455,336	525,874.7	2.01
July	14,154	6,995,382	585,195.2	2.02
August	19,217	7,025,911	579,757.4	2.74
September	23,516	6,855,592	558,292.0	3.43
October	18,884	6,996,900	578,147.7	2.70
November	16,758	6,866,670	559,691.5	2.44
December	18,166	7,006,521	576,205.5	2.59
2015				
January	11,837	5,895,140	486,755.2	2.01
February	7,083	5,702,146	433,735.3	1.24
March	7,791	5,724,901	481,136.5	1.36
Entire History Prior Exclusionary Period				
2004				
January	20,429	2,129,366	178,608.1	9.59
February	18,593	2,103,527	165,192.8	8.84

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
March	18,210	2,086,160	174,852.0	8.73
April	13,665	2,060,130	167,449.5	6.63
May	12,349	2,043,749	171,768.8	6.04
June	8,251	2,032,856	165,344.0	4.06
July	6,257	2,027,315	170,432.0	3.09
August	8,255	2,022,524	169,939.9	4.08
September	9,579	2,018,192	164,126.1	4.75
October	10,579	2,019,277	169,608.5	5.24
November	10,452	2,001,409	162,871.7	5.22
December	9,050	1,986,691	167,116.1	4.56
2005				
January	9,978	2,029,491	170,566.5	4.92
February	10,118	2,020,040	153,493.9	5.01
March	10,824	2,018,613	169,647.3	5.36
April	9,944	2,009,005	163,488.1	4.95
May	9,900	2,004,080	168,524.3	4.94
June	6,587	1,997,265	162,588.7	3.30
July	4,723	2,008,126	168,980.4	2.35
August	5,827	2,014,310	169,464.1	2.89
September	7,197	2,024,651	164,784.3	3.55
October	7,929	2,035,966	171,281.2	3.89
November	7,845	2,036,789	165,874.7	3.85
December	7,268	2,010,982	169,260.1	3.61
2006				
January	33,749	4,959,255	415,895.4	6.81
February	28,287	4,923,720	373,549.6	5.75
March	27,696	4,905,947	411,620.8	5.65
April	21,303	4,884,940	397,268.6	4.36
May	25,786	4,877,696	408,591.5	5.29
June	16,214	4,845,539	393,861.7	3.35
July	12,299	4,843,267	406,812.9	2.54
August	16,440	4,838,615	406,026.6	3.40
September	18,776	4,834,599	392,710.0	3.88
October	21,171	4,934,260	413,830.6	4.29
November	21,193	4,903,607	398,646.7	4.32
December	18,558	4,881,235	410,314.8	3.80
2007				
January	20,583	4,910,164	412,208.6	4.19
February	18,676	4,885,444	370,844.0	3.82
March	18,589	4,871,415	409,161.5	3.82
April	15,952	4,860,392	395,304.4	3.28
May	15,792	4,850,988	407,562.3	3.26
June	13,166	5,253,841	427,159.5	2.51
July	11,083	5,241,706	440,476.3	2.11
August	14,977	5,247,440	440,015.9	2.85
September	17,509	5,236,237	425,480.1	3.34
October	20,248	5,236,521	439,087.3	3.87
November	20,044	5,219,221	424,441.8	3.84
December	16,754	5,204,234	437,153.8	3.22
2008				
January	75,574	10,659,758	889,973.5	7.09
February	62,727	10,525,118	826,359.2	5.96
March	51,461	10,465,062	878,258.6	4.92
April	50,486	10,389,086	843,714.9	4.86
May	44,924	10,309,694	865,340.7	4.36
June	30,095	10,237,324	832,283.8	2.94
July	26,456	10,219,630	858,253.4	2.59
August	31,635	10,210,874	857,049.2	3.10
September	40,874	10,180,574	827,141.5	4.01
October	41,290	10,132,846	850,937.6	4.07
November	36,323	10,071,867	819,558.3	3.61
December	34,997	10,018,728	841,771.5	3.49

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
2009				
January	40,105	10,077,904	844,268.1	3.98
February	41,726	9,954,222	755,531.8	4.19
March	40,452	9,876,626	829,323.5	4.10
April	36,703	9,794,647	796,714.5	3.75
May	32,703	9,731,258	817,814.1	3.36
June	25,508	9,672,758	787,060.4	2.64
July	21,214	9,618,055	808,568.2	2.21
August	27,547	9,598,428	806,327.4	2.87
September	39,152	9,557,271	777,082.9	4.10
October	40,234	9,493,260	797,753.3	4.24
November	32,912	9,427,836	767,537.6	3.49
December	28,730	9,374,172	788,769.4	3.06
2010				
January	33,210	9,191,507	770,691.1	3.61
February	33,958	9,111,539	691,473.3	3.73
March	35,355	9,068,201	761,749.9	3.90
April	33,161	9,006,033	732,830.9	3.68
May	26,903	8,965,771	754,061.1	3.00
June	21,077	8,947,518	727,816.1	2.36
July	17,624	8,926,948	750,828.5	1.97
August	22,774	8,927,599	750,442.2	2.55
September	28,054	8,899,034	723,712.0	3.15
October	27,144	8,855,585	744,701.0	3.07
November	27,302	8,816,577	717,999.5	3.10
December	24,381	8,785,592	739,397.5	2.78
2011				
January	29,010	8,562,714	718,445.1	3.39
February	29,587	8,493,372	645,502.6	3.48
March	31,880	8,473,800	711,996.4	3.76
April	27,515	8,432,926	685,929.5	3.26
May	26,934	8,409,291	706,668.7	3.20
June	18,693	8,378,639	681,725.8	2.23
July	15,092	8,350,292	702,142.1	1.81
August	21,425	8,365,880	702,394.3	2.56
September	24,492	8,367,466	680,067.2	2.93
October	24,983	8,345,092	701,491.9	2.99
November	25,858	8,311,054	676,456.6	3.11
December	23,877	8,274,518	696,198.9	2.89
2012				
January	31,754	8,515,973	714,663.2	3.73
February	31,360	8,450,581	664,919.8	3.71
March	29,370	8,422,362	708,046.8	3.49
April	26,584	8,383,574	682,159.0	3.17
May	24,047	8,357,478	702,651.8	2.88
June	17,473	8,332,601	678,179.2	2.10
July	17,376	8,276,903	696,057.4	2.10
August	23,627	8,289,093	696,509.5	2.85
September	25,026	8,282,155	673,207.6	3.02
October	25,370	8,262,433	694,228.0	3.07
November	24,134	8,220,237	669,740.3	2.94
December	24,098	8,189,343	689,614.8	2.94
2013				
January	28,355	8,247,257	692,601.0	3.44
February	24,526	8,178,457	621,961.2	3.00
March	24,385	8,150,506	685,759.7	2.99
April	24,922	8,109,887	660,447.8	3.07
May	24,108	8,090,396	680,487.3	2.98
June	15,827	8,068,398	657,286.9	1.96
July	16,061	8,118,648	682,742.0	1.98
August	20,299	8,112,705	682,045.8	2.50
September	22,219	8,097,606	659,372.8	2.74

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
October	23,128	8,094,844	681,048.2	2.86
November	21,683	8,067,029	657,297.3	2.69
December	19,875	8,068,880	678,415.1	2.46
2014				
January	24,362	8,151,265	685,553.0	2.99
February	21,969	8,113,563	617,318.5	2.71
March	23,780	8,093,084	681,044.5	2.94
April	23,804	8,103,971	660,036.3	2.94
May	22,079	8,099,766	681,663.1	2.73
June	16,641	8,079,173	658,175.8	2.06
July	15,921	8,060,024	678,383.6	1.98
August	21,230	7,998,860	670,389.7	2.65
September	26,201	7,961,938	648,146.4	3.29
October	21,215	7,944,908	668,611.8	2.67
November	18,622	7,918,739	645,556.1	2.35
December	20,486	7,910,934	666,247.6	2.59
2015				
January	16,655	7,423,162	624,532.1	2.24
February	9,625	7,324,048	557,677.1	1.31
March	10,171	7,356,509	619,594.4	1.38
6 months (183 days) Minimum Enrollment after Index Date				
No Exclusion Criteria				
2004				
January	19,910	2,137,187	179,300.4	9.32
February	18,057	2,111,994	165,892.9	8.55
March	17,635	2,095,289	175,654.6	8.42
April	13,342	2,069,911	168,269.5	6.45
May	11,980	2,053,726	172,633.4	5.83
June	8,010	2,042,766	166,167.6	3.92
July	6,059	2,036,444	171,210.8	2.98
August	7,913	2,031,330	170,698.0	3.90
September	9,199	2,026,898	164,850.7	4.54
October	10,250	2,028,137	170,374.4	5.05
November	10,200	2,010,388	163,620.9	5.07
December	8,798	1,995,797	167,900.9	4.41
2005				
January	9,712	2,038,317	171,327.2	4.76
February	9,821	2,028,973	154,191.0	4.84
March	10,543	2,027,635	170,424.4	5.20
April	9,710	2,018,085	164,242.7	4.81
May	9,636	2,013,264	169,316.9	4.79
June	6,363	2,006,461	163,352.2	3.17
July	4,542	2,017,204	169,758.7	2.25
August	5,580	2,023,420	170,246.6	2.76
September	6,934	2,033,781	165,547.4	3.41
October	7,695	2,045,300	172,085.3	3.76
November	7,655	2,046,339	166,672.7	3.74
December	7,059	2,020,624	170,093.3	3.49
2006				
January	32,004	4,968,871	416,833.7	6.44
February	26,914	4,935,935	374,553.8	5.45
March	26,357	4,919,801	412,866.2	5.36
April	20,316	4,900,251	398,574.8	4.15
May	24,725	4,893,701	410,012.3	5.05
June	15,573	4,861,866	395,312.1	3.20
July	11,368	4,859,897	408,476.7	2.34
August	15,049	4,857,772	407,729.3	3.10
September	17,176	4,854,420	394,450.0	3.54
October	20,039	4,955,681	415,717.2	4.04
November	20,273	4,925,864	400,694.0	4.12
December	17,670	4,906,439	412,494.6	3.60
2007				
January	19,581	4,933,668	414,265.7	3.97

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
February	18,053	4,909,451	372,729.5	3.68
March	17,661	4,895,783	411,274.2	3.61
April	15,221	4,884,904	397,348.9	3.12
May	15,114	4,875,482	409,676.5	3.10
June	12,615	5,278,192	429,190.5	2.39
July	10,136	5,265,562	442,542.4	1.92
August	13,646	5,271,533	442,103.4	2.59
September	16,283	5,260,921	427,543.0	3.10
October	19,195	5,262,141	441,341.2	3.65
November	18,997	5,245,948	426,688.4	3.62
December	15,754	5,231,946	439,548.9	3.01
2008				
January	70,620	10,685,973	892,483.1	6.61
February	58,785	10,556,291	829,027.5	5.57
March	48,164	10,500,110	881,407.6	4.59
April	47,659	10,427,148	847,188.1	4.57
May	42,387	10,351,926	869,037.9	4.09
June	28,620	10,279,282	835,773.3	2.78
July	23,390	10,258,560	861,860.1	2.28
August	27,764	10,252,658	860,784.8	2.71
September	35,525	10,224,106	830,919.4	3.47
October	38,518	10,179,750	855,028.0	3.78
November	34,253	10,119,955	823,721.5	3.38
December	33,017	10,069,829	846,175.9	3.28
2009				
January	37,630	10,121,364	848,015.3	3.72
February	39,295	9,997,953	758,961.8	3.93
March	37,958	9,920,892	833,159.3	3.83
April	34,792	9,839,049	800,418.5	3.54
May	31,029	9,775,615	821,639.8	3.17
June	24,434	9,716,567	790,691.1	2.51
July	18,529	9,659,495	812,166.7	1.92
August	24,001	9,640,522	810,013.2	2.49
September	33,739	9,600,926	780,861.3	3.51
October	37,823	9,540,700	801,885.7	3.96
November	31,242	9,476,678	771,627.8	3.30
December	27,158	9,423,789	793,045.9	2.88
2010				
January	31,419	9,232,815	774,233.4	3.40
February	32,141	9,152,921	694,689.2	3.51
March	33,390	9,109,517	765,321.3	3.67
April	31,332	9,047,330	736,282.3	3.46
May	25,588	9,007,238	757,631.7	2.84
June	20,207	8,988,895	731,221.9	2.25
July	15,562	8,966,552	754,258.3	1.74
August	19,868	8,967,536	753,932.5	2.22
September	24,534	8,940,172	727,212.5	2.74
October	25,795	8,898,614	748,406.0	2.90
November	26,036	8,860,109	721,632.7	2.94
December	23,196	8,829,839	743,201.7	2.63
2011				
January	27,433	8,600,899	721,726.8	3.19
February	27,868	8,531,877	648,515.0	3.27
March	30,026	8,512,997	715,390.4	3.53
April	26,117	8,472,611	689,235.2	3.08
May	25,689	8,449,219	710,103.7	3.04
June	17,828	8,418,277	684,997.8	2.12
July	13,342	8,388,283	705,415.6	1.59
August	18,735	8,404,246	705,730.5	2.23
September	21,352	8,406,849	683,403.2	2.54
October	23,643	8,386,244	705,029.5	2.82
November	24,502	8,352,618	679,927.1	2.93

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
December	22,618	8,316,746	699,837.5	2.72
2012				
January	29,753	8,552,509	717,834.2	3.48
February	29,370	8,487,935	667,958.3	3.46
March	27,593	8,460,644	711,361.8	3.26
April	25,167	8,422,269	685,386.9	2.99
May	22,800	8,396,359	705,995.4	2.72
June	16,672	8,371,035	681,351.9	1.99
July	15,629	8,312,961	699,174.5	1.88
August	21,088	8,325,460	699,679.9	2.53
September	22,141	8,319,598	676,382.8	2.66
October	23,764	8,301,625	697,618.0	2.86
November	22,824	8,260,030	673,062.8	2.76
December	22,792	8,229,749	693,100.1	2.77
2013				
January	26,753	8,283,624	695,746.4	3.23
February	23,080	8,215,190	624,829.5	2.81
March	22,920	8,187,403	688,950.0	2.80
April	23,622	8,146,627	663,516.9	2.90
May	22,894	8,127,154	683,656.7	2.82
June	15,152	8,104,928	660,315.1	1.87
July	14,260	8,153,915	685,793.9	1.75
August	17,864	8,148,386	685,163.2	2.19
September	19,422	8,134,454	662,501.4	2.39
October	21,669	8,133,334	684,381.7	2.66
November	20,578	8,106,278	660,571.6	2.54
December	18,880	8,108,545	681,814.0	2.33
2014				
January	23,074	8,186,201	688,574.0	2.82
February	20,363	8,148,893	620,086.5	2.50
March	22,052	8,129,068	684,169.3	2.71
April	22,279	8,140,579	663,106.1	2.74
May	20,882	8,136,926	684,869.9	2.57
June	15,768	8,116,378	661,271.2	1.94
July	13,127	8,096,409	681,573.9	1.62
August	16,774	8,035,362	673,628.2	2.09
September	20,927	8,001,330	651,578.2	2.62
October	13,252	7,988,316	672,618.7	1.66
November	7,325	7,969,280	650,185.7	0.92
December	7,830	7,971,831	671,950.6	0.98
2015				
January	3,527	7,477,399	629,640.8	0.47
February	285	7,389,691	563,067.3	0.04
March	12	7,430,575	626,288.4	0.00
183 Day Prior Exclusionary Period				
2004				
January	9,067	1,692,150	140,458.4	5.36
February	9,970	1,671,989	131,055.2	5.96
March	11,011	1,675,776	140,069.3	6.57
April	9,171	1,671,838	135,471.2	5.49
May	9,127	1,669,497	139,824.2	5.47
June	6,365	1,667,159	135,268.0	3.82
July	5,370	1,804,863	151,094.2	2.98
August	7,313	1,816,182	151,022.4	4.03
September	8,865	1,790,448	145,465.9	4.95
October	9,992	1,806,949	149,936.2	5.53
November	10,097	1,770,519	143,918.1	5.70
December	8,606	1,796,667	148,305.8	4.79
2005				
January	8,688	1,759,920	146,242.4	4.94
February	8,979	1,735,420	131,722.1	5.17
March	9,508	1,737,407	145,764.4	5.47

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
2004				
April	8,704	1,734,423	140,948.4	5.02
May	8,659	1,729,969	145,337.3	5.01
June	5,737	1,716,950	139,823.0	3.34
July	4,250	1,780,579	149,317.3	2.39
August	5,276	1,809,158	150,184.6	2.92
September	6,531	1,792,017	145,865.9	3.64
October	7,200	1,818,073	151,091.0	3.96
November	7,243	1,799,520	146,468.6	4.02
December	6,625	1,818,938	149,859.5	3.64
2005				
January	6,597	1,776,564	147,710.2	3.71
February	7,120	1,754,082	133,342.5	4.06
March	7,618	1,761,871	147,898.9	4.32
April	6,424	1,764,367	143,607.0	3.64
May	9,478	1,767,840	147,652.6	5.36
June	5,307	1,746,305	142,144.8	3.04
July	9,936	4,212,326	340,353.7	2.36
August	14,144	4,270,848	353,376.0	3.31
September	16,490	4,204,880	341,477.9	3.92
October	19,182	4,268,296	352,787.9	4.49
November	20,080	4,191,983	340,374.0	4.79
December	17,600	4,281,104	352,521.8	4.11
2006				
January	17,309	4,089,725	338,734.8	4.23
February	15,767	4,016,483	304,826.0	3.93
March	16,003	4,023,816	337,484.2	3.98
April	14,273	4,099,386	333,139.5	3.48
May	14,228	4,091,729	343,587.6	3.48
June	9,500	4,065,734	330,917.3	2.34
July	8,483	4,234,336	354,771.9	2.00
August	11,817	4,291,887	355,425.2	2.75
September	14,180	4,210,933	342,458.1	3.37
October	16,652	4,273,371	353,244.1	3.90
November	16,575	4,192,750	341,065.5	3.95
December	14,848	4,614,361	379,581.9	3.22
2007				
January	15,180	4,411,379	364,063.1	3.44
February	15,081	4,319,131	339,389.1	3.49
March	12,961	4,325,379	363,212.9	3.00
April	14,104	4,319,263	351,059.9	3.27
May	13,551	4,295,390	360,813.7	3.15
June	9,215	4,250,152	346,246.4	2.17
July	19,960	8,780,535	725,255.1	2.27
August	25,728	8,946,211	737,847.9	2.88
September	33,984	8,754,583	711,001.9	3.88
October	38,139	8,894,137	733,366.7	4.29
November	34,559	8,714,997	707,968.9	3.97
December	33,491	8,952,961	733,305.7	3.74
2008				
January	31,266	8,280,339	681,260.9	3.78
February	33,604	8,069,371	611,984.1	4.16
March	33,186	8,061,766	675,610.2	4.12
April	30,748	8,022,972	651,928.1	3.83
May	28,111	7,995,535	671,065.5	3.52
June	22,142	7,923,258	644,710.5	2.79
July	18,044	8,499,853	710,367.8	2.12
August	24,036	8,592,315	711,137.3	2.80
September	33,673	8,406,990	683,616.3	4.01
October	37,623	8,481,927	702,033.0	4.44
November	30,477	8,306,958	676,012.5	3.67
December	26,236	8,483,721	697,519.5	3.09
2009				
January	31,266	8,280,339	681,260.9	3.78
February	33,604	8,069,371	611,984.1	4.16
March	33,186	8,061,766	675,610.2	4.12
April	30,748	8,022,972	651,928.1	3.83
May	28,111	7,995,535	671,065.5	3.52
June	22,142	7,923,258	644,710.5	2.79
July	18,044	8,499,853	710,367.8	2.12
August	24,036	8,592,315	711,137.3	2.80
September	33,673	8,406,990	683,616.3	4.01
October	37,623	8,481,927	702,033.0	4.44
November	30,477	8,306,958	676,012.5	3.67
December	26,236	8,483,721	697,519.5	3.09
2010				

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
January	24,737	7,712,995	636,483.8	3.21
February	25,917	7,543,765	572,357.1	3.44
March	27,371	7,534,804	632,166.1	3.63
April	26,328	7,492,603	609,345.2	3.51
May	21,518	7,442,222	625,660.5	2.89
June	16,910	7,389,916	601,331.6	2.29
July	14,152	7,855,053	657,224.3	1.80
August	18,736	7,930,771	657,171.2	2.36
September	22,748	7,752,406	630,915.9	2.93
October	23,847	7,832,926	648,291.7	3.04
November	24,013	7,685,552	625,715.4	3.12
December	21,423	7,889,140	648,111.7	2.72
2011				
January	21,227	7,223,519	596,420.6	2.94
February	22,191	7,071,827	537,389.4	3.14
March	24,254	7,094,384	595,247.8	3.42
April	21,591	7,078,306	575,738.7	3.05
May	21,314	7,050,513	592,368.2	3.02
June	14,824	6,996,224	569,644.3	2.12
July	11,891	7,338,724	614,520.9	1.62
August	17,042	7,427,095	614,658.1	2.29
September	19,004	7,275,656	592,103.1	2.61
October	21,072	7,361,065	609,328.9	2.86
November	22,399	7,234,471	588,619.2	3.10
December	20,633	7,415,710	609,621.7	2.78
2012				
January	19,977	6,783,879	559,549.3	2.94
February	20,549	6,650,621	523,115.9	3.09
March	20,028	6,668,641	559,835.8	3.00
April	18,570	6,654,882	541,674.4	2.79
May	17,495	6,632,077	557,465.3	2.64
June	12,654	6,580,038	535,958.3	1.92
July	13,887	7,258,695	608,267.0	1.91
August	19,130	7,348,466	608,181.4	2.60
September	19,948	7,192,092	585,376.6	2.77
October	21,460	7,283,555	602,403.5	2.95
November	20,767	7,142,216	581,796.4	2.91
December	20,892	7,327,358	602,188.7	2.85
2013				
January	20,177	6,885,967	568,347.3	2.93
February	17,688	6,745,321	512,886.1	2.62
March	17,885	6,762,144	567,895.3	2.64
April	18,952	6,742,113	548,959.5	2.81
May	18,660	6,723,050	565,279.4	2.78
June	12,533	6,675,110	544,060.4	1.88
July	12,297	7,083,255	592,678.3	1.74
August	15,882	7,147,400	592,258.5	2.22
September	17,251	6,997,717	570,099.0	2.47
October	19,128	7,084,007	587,250.5	2.70
November	18,293	6,959,773	566,967.5	2.63
December	16,633	7,170,091	584,661.2	2.32
2014				
January	16,219	6,587,324	544,673.8	2.46
February	14,655	6,469,104	492,090.0	2.27
March	16,540	6,481,094	544,936.8	2.55
April	16,869	6,483,026	527,752.6	2.60
May	16,000	6,457,610	543,144.5	2.48
June	12,212	6,461,175	526,344.3	1.89
July	11,583	7,001,965	585,736.2	1.65
August	14,957	7,032,642	580,300.6	2.13
September	18,602	6,862,133	558,814.9	2.71
October	11,787	7,003,630	578,688.4	1.68

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
November	6,676	6,873,214	560,216.6	0.97
December	7,035	7,013,323	576,747.5	1.00
2015				
January	2,917	5,900,467	487,186.2	0.49
February	216	5,707,306	434,121.8	0.04
March	8	5,730,097	481,566.4	0.00
Entire History Prior Exclusionary Period				
2004				
January	19,517	2,129,366	178,646.8	9.17
February	17,773	2,104,436	165,298.5	8.45
March	17,395	2,087,885	175,032.4	8.33
April	13,141	2,062,658	167,676.8	6.37
May	11,832	2,046,578	172,029.2	5.78
June	7,885	2,035,695	165,588.0	3.87
July	5,976	2,029,488	170,620.8	2.94
August	7,817	2,024,393	170,109.1	3.86
September	9,095	2,019,988	164,284.6	4.50
October	10,133	2,021,255	169,789.5	5.01
November	10,082	2,003,542	163,058.7	5.03
December	8,694	1,989,013	167,323.9	4.37
2005				
January	9,621	2,031,634	170,759.0	4.74
February	9,743	2,022,278	153,676.4	4.82
March	10,464	2,020,921	169,853.4	5.18
April	9,640	2,011,363	163,687.8	4.79
May	9,571	2,006,481	168,738.1	4.77
June	6,321	1,999,659	162,792.7	3.16
July	4,507	2,010,408	169,178.8	2.24
August	5,529	2,016,578	169,663.7	2.74
September	6,869	2,026,919	164,978.1	3.39
October	7,630	2,038,327	171,489.1	3.74
November	7,576	2,039,289	166,089.2	3.72
December	6,996	2,013,563	169,488.6	3.47
2006				
January	31,910	4,961,784	416,179.9	6.43
February	26,799	4,927,886	373,922.4	5.44
March	26,224	4,911,421	412,141.9	5.34
April	20,223	4,891,599	397,855.0	4.13
May	24,599	4,884,849	409,234.1	5.04
June	15,480	4,852,660	394,465.7	3.19
July	11,279	4,849,465	407,364.4	2.33
August	14,913	4,844,521	406,575.0	3.08
September	17,066	4,840,826	393,273.3	3.53
October	19,910	4,941,242	414,463.0	4.03
November	20,100	4,911,069	399,295.2	4.09
December	17,528	4,889,247	411,031.1	3.59
2007				
January	19,395	4,916,675	412,796.4	3.94
February	17,580	4,892,168	371,393.0	3.59
March	17,480	4,878,364	409,783.5	3.58
April	15,099	4,867,381	395,903.0	3.10
May	14,990	4,857,955	408,177.5	3.09
June	12,510	5,260,593	427,731.1	2.38
July	10,038	5,247,852	441,028.3	1.91
August	13,538	5,253,762	440,589.9	2.58
September	15,706	5,243,085	426,104.9	3.00
October	19,033	5,244,586	439,811.9	3.63
November	18,824	5,227,934	425,199.6	3.60
December	15,620	5,213,720	437,996.0	3.00
2008				
January	70,386	10,667,961	890,852.1	6.60
February	58,554	10,537,316	827,483.0	5.56

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
March	47,974	10,480,417	879,699.2	4.58
April	47,306	10,406,836	845,281.5	4.55
May	42,150	10,328,414	867,022.3	4.08
June	28,364	10,255,552	833,816.4	2.77
July	23,191	10,234,885	859,628.4	2.27
August	27,604	10,226,099	858,458.1	2.70
September	35,299	10,196,631	828,639.8	3.46
October	38,288	10,151,996	852,661.2	3.77
November	34,048	10,092,081	821,293.0	3.37
December	32,767	10,040,009	843,650.1	3.26
2009				
January	37,375	10,092,605	845,561.0	3.70
February	39,051	9,969,053	756,745.0	3.92
March	37,718	9,891,896	830,700.8	3.81
April	34,573	9,810,190	798,044.9	3.52
May	30,839	9,746,860	819,191.4	3.16
June	24,262	9,687,929	788,334.0	2.50
July	18,401	9,631,003	809,743.7	1.91
August	23,822	9,611,976	807,587.3	2.48
September	33,527	9,572,441	778,519.6	3.50
October	37,615	9,512,300	799,470.5	3.95
November	31,027	9,448,308	769,285.4	3.28
December	26,977	9,395,399	790,628.6	2.87
2010				
January	31,200	9,205,793	771,940.3	3.39
February	31,955	9,125,834	692,624.7	3.50
March	33,159	9,082,703	763,045.5	3.65
April	31,139	9,020,620	734,084.7	3.45
May	25,408	8,980,659	755,372.2	2.83
June	20,049	8,962,326	729,050.2	2.24
July	15,437	8,940,287	752,023.7	1.73
August	19,751	8,941,305	751,702.1	2.21
September	24,375	8,914,009	725,057.7	2.73
October	25,614	8,872,572	746,192.6	2.89
November	25,837	8,834,108	719,489.0	2.92
December	23,014	8,803,778	740,982.7	2.61
2011				
January	27,266	8,576,108	719,618.3	3.18
February	27,661	8,507,041	646,606.6	3.25
March	29,850	8,488,201	713,281.2	3.52
April	25,937	8,447,831	687,198.7	3.07
May	25,523	8,424,521	708,004.0	3.03
June	17,720	8,393,707	682,982.9	2.11
July	13,249	8,364,004	703,352.2	1.58
August	18,621	8,379,926	703,671.1	2.22
September	21,207	8,382,725	681,421.3	2.53
October	23,474	8,362,259	702,991.7	2.81
November	24,354	8,328,747	677,960.5	2.92
December	22,466	8,292,899	697,806.0	2.71
2012				
January	29,580	8,530,479	715,949.7	3.47
February	29,200	8,465,924	666,202.7	3.45
March	27,405	8,438,547	709,481.2	3.25
April	25,019	8,400,143	683,562.7	2.98
May	22,655	8,374,168	704,107.9	2.71
June	16,550	8,348,906	679,532.4	1.98
July	15,537	8,291,142	697,316.6	1.87
August	20,971	8,303,552	697,816.4	2.53
September	22,019	8,297,718	674,581.1	2.65
October	23,600	8,279,713	695,756.9	2.85
November	22,677	8,238,215	671,263.9	2.75
December	22,643	8,207,908	691,240.1	2.76

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
2013				
January	26,589	8,262,529	693,946.1	3.22
February	22,948	8,193,955	623,195.4	2.80
March	22,783	8,166,273	687,151.1	2.79
April	23,474	8,125,538	661,781.2	2.89
May	22,758	8,106,109	681,864.2	2.81
June	15,048	8,083,896	658,579.8	1.86
July	14,169	8,132,867	684,005.3	1.74
August	17,763	8,127,366	683,372.6	2.19
September	19,307	8,113,439	660,768.5	2.38
October	21,562	8,112,342	682,591.4	2.66
November	20,454	8,085,223	658,833.2	2.53
December	18,751	8,087,394	680,018.4	2.32
2014				
January	22,925	8,166,105	686,852.6	2.81
February	20,260	8,128,595	618,521.5	2.49
March	21,941	8,108,647	682,426.9	2.71
April	22,142	8,120,058	661,414.4	2.73
May	20,765	8,116,360	683,118.9	2.56
June	15,667	8,095,828	659,574.6	1.94
July	13,080	8,075,899	679,822.8	1.62
August	16,709	8,015,439	671,932.5	2.08
September	20,835	7,981,379	649,932.7	2.61
October	13,194	7,968,343	670,914.0	1.66
November	7,300	7,949,216	648,524.5	0.92
December	7,790	7,951,639	670,225.1	0.98
2015				
January	3,523	7,466,037	628,654.6	0.47
February	284	7,378,162	562,168.8	0.04
March	12	7,418,798	625,274.1	0.00
9 months (270 days) Minimum Enrollment after Index Date				
No Exclusion Criteria				
2004				
January	19,165	2,137,187	179,329.1	8.97
February	17,433	2,112,739	165,977.4	8.25
March	16,996	2,096,657	175,796.6	8.11
April	12,712	2,071,908	168,456.7	6.14
May	11,459	2,056,346	172,878.5	5.57
June	7,624	2,045,901	166,440.4	3.73
July	5,830	2,039,949	171,516.7	2.86
August	7,647	2,034,834	171,002.6	3.76
September	8,794	2,030,147	165,126.2	4.33
October	9,863	2,031,223	170,644.8	4.86
November	9,838	2,013,248	163,866.9	4.89
December	8,510	1,998,625	168,149.8	4.26
2005				
January	9,424	2,040,779	171,542.4	4.62
February	9,533	2,031,559	154,397.5	4.69
March	10,109	2,030,380	170,670.2	4.98
April	9,194	2,021,006	164,498.0	4.55
May	9,127	2,016,448	169,605.2	4.53
June	6,026	2,009,850	163,641.1	3.00
July	4,397	2,020,588	170,047.5	2.18
August	5,424	2,026,733	170,529.8	2.68
September	6,687	2,037,022	165,818.9	3.28
October	7,400	2,048,541	172,369.4	3.61
November	7,326	2,049,652	166,953.7	3.57
December	6,780	2,023,791	170,370.8	3.35
2006				
January	30,428	4,971,741	417,139.3	6.12
February	25,639	4,940,239	374,928.2	5.19
March	25,214	4,925,319	413,376.4	5.12
April	18,812	4,906,778	399,162.4	3.83

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
May	22,747	4,901,606	410,759.8	4.64
June	14,230	4,871,417	396,147.0	2.92
July	10,891	4,870,531	409,391.8	2.24
August	14,412	4,868,244	408,632.6	2.96
September	16,341	4,864,407	395,290.0	3.36
October	19,012	4,965,225	416,548.4	3.83
November	19,126	4,935,281	401,505.5	3.88
December	16,657	4,916,234	413,358.9	3.39
2007				
January	18,600	4,941,539	414,959.3	3.76
February	17,235	4,917,632	373,380.8	3.50
March	16,881	4,904,307	412,019.6	3.44
April	14,082	4,893,597	398,096.0	2.88
May	13,818	4,884,635	410,497.2	2.83
June	11,264	5,287,814	430,025.5	2.13
July	9,561	5,275,242	443,374.9	1.81
August	12,880	5,280,965	442,919.3	2.44
September	15,290	5,270,175	428,332.2	2.90
October	17,974	5,271,680	442,181.7	3.41
November	17,857	5,256,055	427,555.5	3.40
December	14,889	5,242,620	440,481.0	2.84
2008				
January	66,481	10,695,479	893,431.0	6.22
February	55,496	10,569,173	830,165.4	5.25
March	45,753	10,515,765	882,829.0	4.35
April	42,183	10,444,468	848,788.7	4.04
May	37,112	10,373,714	871,104.1	3.58
June	24,957	10,305,200	838,045.8	2.42
July	21,959	10,286,997	864,318.3	2.13
August	26,241	10,280,910	863,214.3	2.55
September	33,516	10,250,868	833,156.5	3.27
October	36,129	10,205,192	857,243.2	3.54
November	31,991	10,145,090	825,851.7	3.15
December	30,979	10,095,389	848,401.2	3.07
2009				
January	35,597	10,139,113	849,539.6	3.51
February	37,202	10,015,738	760,385.0	3.71
March	36,127	9,939,625	834,800.7	3.63
April	30,425	9,857,991	802,102.9	3.09
May	26,634	9,797,345	823,651.1	2.72
June	21,043	9,740,631	792,787.4	2.16
July	17,471	9,684,287	814,285.4	1.80
August	22,709	9,664,504	812,069.8	2.35
September	31,874	9,624,171	782,815.7	3.31
October	35,489	9,563,739	803,907.6	3.71
November	29,305	9,500,296	773,629.0	3.08
December	25,480	9,447,890	795,142.6	2.70
2010				
January	29,557	9,250,021	775,724.5	3.20
February	30,343	9,170,735	696,110.6	3.31
March	31,791	9,128,167	766,951.2	3.48
April	27,560	9,066,199	737,942.5	3.04
May	22,289	9,028,243	759,538.2	2.47
June	17,550	9,011,475	733,159.7	1.95
July	14,729	8,989,353	756,206.8	1.64
August	18,951	8,989,565	755,816.5	2.11
September	23,284	8,961,330	728,975.0	2.60
October	24,228	8,919,082	750,183.4	2.72
November	24,446	8,880,707	723,373.9	2.75
December	21,763	8,850,886	745,032.5	2.46
2011				
January	25,963	8,616,536	723,078.1	3.01

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
February	26,438	8,547,931	649,787.8	3.09
March	28,587	8,529,792	716,857.8	3.35
April	23,154	8,489,845	690,742.5	2.73
May	22,482	8,468,409	711,852.6	2.65
June	15,601	8,439,222	686,790.6	1.85
July	12,578	8,409,650	707,240.1	1.50
August	17,869	8,425,232	707,517.9	2.12
September	20,193	8,427,279	685,102.9	2.40
October	22,033	8,406,259	706,769.3	2.62
November	22,806	8,372,978	681,650.7	2.72
December	21,059	8,337,726	701,665.5	2.53
2012				
January	28,088	8,569,306	719,297.5	3.28
February	27,813	8,505,520	669,402.0	3.27
March	26,221	8,479,087	712,969.4	3.09
April	22,675	8,441,118	687,008.4	2.69
May	20,334	8,416,748	707,813.5	2.42
June	14,700	8,392,528	683,173.4	1.75
July	14,814	8,333,903	700,962.1	1.78
August	19,996	8,345,926	701,440.2	2.40
September	20,849	8,339,619	678,058.9	2.50
October	22,254	8,321,297	699,323.7	2.67
November	21,307	8,279,774	674,732.6	2.57
December	21,269	8,249,990	694,873.5	2.58
2013				
January	25,404	8,301,212	697,272.5	3.06
February	21,794	8,233,168	626,245.4	2.65
March	21,756	8,205,809	690,550.4	2.65
April	20,962	8,165,009	665,107.6	2.57
May	19,929	8,147,125	685,466.3	2.45
June	13,178	8,126,498	662,155.6	1.62
July	13,462	8,175,666	687,654.6	1.65
August	16,988	8,169,586	686,980.0	2.08
September	18,368	8,155,059	664,221.7	2.25
October	20,274	8,153,708	686,152.7	2.49
November	19,184	8,126,849	662,308.3	2.36
December	17,595	8,129,483	683,629.0	2.16
2014				
January	21,559	8,203,455	690,082.9	2.63
February	19,244	8,166,809	621,489.2	2.36
March	20,941	8,147,419	685,757.8	2.57
April	18,442	8,159,133	664,751.9	2.26
May	16,804	8,158,374	686,851.4	2.06
June	12,856	8,140,693	663,378.2	1.58
July	9,019	8,122,102	683,883.3	1.11
August	6,684	8,063,520	676,373.9	0.83
September	8,413	8,038,113	655,090.9	1.05
October	3,105	8,036,258	677,081.2	0.39
November	428	8,026,191	655,136.5	0.05
December	72	8,034,340	677,590.2	0.01
2015				
January	0	7,538,450	634,944.3	0.00
February	0	7,452,995	567,920.3	0.00
March	0	7,493,445	631,606.9	0.00
183 Day Prior Exclusionary Period				
2004				
January	8,757	1,692,150	140,458.4	5.18
February	9,697	1,671,989	131,055.2	5.80
March	10,658	1,675,776	140,069.3	6.36
April	8,802	1,671,838	135,471.2	5.26
May	8,765	1,669,497	139,824.2	5.25
June	6,085	1,667,159	135,268.0	3.65

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
July	5,186	1,805,062	151,101.0	2.87
August	7,100	1,816,519	151,041.7	3.91
September	8,556	1,790,892	145,489.9	4.78
October	9,672	1,807,485	149,966.1	5.35
November	9,787	1,771,062	143,949.9	5.53
December	8,337	1,797,194	148,339.8	4.64
2005				
January	8,467	1,760,167	146,255.9	4.81
February	8,756	1,735,658	131,734.8	5.04
March	9,170	1,737,749	145,782.5	5.28
April	8,285	1,734,808	140,969.7	4.78
May	8,239	1,730,385	145,362.9	4.76
June	5,469	1,717,387	139,849.0	3.18
July	4,126	1,780,989	149,340.0	2.32
August	5,146	1,809,634	150,212.8	2.84
September	6,323	1,792,595	145,899.6	3.53
October	6,962	1,818,831	151,137.1	3.83
November	6,983	1,800,442	146,528.5	3.88
December	6,374	1,819,800	149,917.6	3.50
2006				
January	6,348	1,777,117	147,749.5	3.57
February	6,874	1,754,590	133,376.9	3.92
March	7,350	1,762,483	147,941.2	4.17
April	6,127	1,765,067	143,655.1	3.47
May	9,019	1,768,652	147,707.4	5.10
June	5,041	1,747,117	142,201.3	2.89
July	9,570	4,213,256	340,418.9	2.27
August	13,613	4,271,846	353,444.7	3.19
September	15,849	4,205,884	341,548.7	3.77
October	18,318	4,269,459	352,864.8	4.29
November	19,056	4,193,234	340,458.1	4.54
December	16,724	4,282,457	352,619.0	3.91
2007				
January	16,539	4,090,910	338,816.5	4.04
February	15,116	4,017,753	304,908.0	3.76
March	15,364	4,025,351	337,588.8	3.82
April	13,327	4,101,148	333,253.4	3.25
May	13,141	4,093,771	343,725.6	3.21
June	8,720	4,067,960	331,066.1	2.14
July	8,118	4,236,334	354,911.7	1.92
August	11,393	4,294,063	355,572.9	2.65
September	13,589	4,213,022	342,598.1	3.23
October	15,905	4,275,680	353,392.2	3.72
November	15,808	4,195,275	341,237.1	3.77
December	14,117	4,617,161	379,780.6	3.06
2008				
January	14,490	4,413,210	364,190.7	3.28
February	14,395	4,320,783	339,503.2	3.33
March	12,423	4,327,254	363,347.4	2.87
April	12,893	4,321,412	351,205.7	2.98
May	12,252	4,297,722	360,982.6	2.85
June	8,329	4,252,575	346,416.7	1.96
July	18,971	8,782,964	725,428.8	2.16
August	24,546	8,948,885	738,035.8	2.74
September	32,384	8,757,070	711,182.0	3.70
October	36,165	8,897,123	733,562.8	4.06
November	32,650	8,718,436	708,205.4	3.74
December	31,747	8,956,828	733,583.5	3.54
2009				
January	29,736	8,283,137	681,452.7	3.59
February	31,992	8,072,376	612,174.9	3.96
March	31,855	8,065,308	675,850.7	3.95

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
April	27,127	8,026,886	652,183.2	3.38
May	24,285	7,999,980	671,364.0	3.04
June	19,150	7,927,730	645,015.2	2.42
July	17,149	8,504,002	710,651.6	2.02
August	22,930	8,596,874	711,444.7	2.67
September	32,087	8,411,316	683,910.6	3.81
October	35,677	8,487,585	702,364.2	4.20
November	28,850	8,314,118	676,478.0	3.47
December	24,843	8,492,347	698,133.0	2.93
2010				
January	23,358	7,716,622	636,737.1	3.03
February	24,557	7,547,252	572,583.8	3.25
March	26,206	7,538,830	632,443.9	3.48
April	23,288	7,497,221	609,650.8	3.11
May	18,947	7,447,158	626,014.3	2.54
June	14,881	7,394,808	601,671.2	2.01
July	13,470	7,859,732	657,554.7	1.71
August	17,968	7,935,762	657,523.9	2.26
September	21,734	7,757,157	631,253.8	2.80
October	22,590	7,838,951	648,668.3	2.88
November	22,770	7,692,583	626,199.3	2.96
December	20,350	7,897,152	648,695.8	2.58
2011				
January	20,200	7,227,586	596,720.0	2.79
February	21,199	7,075,795	537,662.0	3.00
March	23,254	7,098,710	595,566.5	3.28
April	19,326	7,082,845	576,061.8	2.73
May	18,851	7,055,423	592,733.1	2.67
June	13,083	7,001,188	570,004.6	1.87
July	11,318	7,343,667	614,885.3	1.54
August	16,385	7,432,370	615,043.0	2.20
September	18,192	7,280,747	592,472.9	2.50
October	19,882	7,367,123	609,739.5	2.70
November	21,116	7,241,555	589,113.4	2.92
December	19,471	7,423,812	610,215.9	2.62
2012				
January	19,077	6,788,477	559,895.5	2.81
February	19,533	6,655,092	523,439.7	2.94
March	19,164	6,673,391	560,198.4	2.87
April	16,973	6,659,994	542,045.8	2.55
May	15,826	6,637,629	557,880.6	2.38
June	11,305	6,585,734	536,375.2	1.72
July	13,256	7,264,160	608,686.4	1.82
August	18,270	7,354,294	608,614.5	2.48
September	18,950	7,197,732	585,793.8	2.63
October	20,290	7,289,774	602,841.0	2.78
November	19,599	7,148,781	582,272.8	2.74
December	19,728	7,334,592	602,726.5	2.69
2013				
January	19,227	6,891,100	568,737.5	2.79
February	16,762	6,750,386	513,241.7	2.48
March	17,130	6,767,505	568,301.1	2.53
April	16,948	6,747,622	549,366.6	2.51
May	16,443	6,728,824	565,718.3	2.44
June	11,032	6,681,083	544,499.4	1.65
July	11,694	7,089,367	593,142.8	1.65
August	15,253	7,153,756	592,734.3	2.13
September	16,448	7,003,722	570,554.0	2.35
October	18,083	7,090,905	587,737.5	2.55
November	17,229	6,967,562	567,527.3	2.47
December	15,625	7,178,723	585,302.2	2.18
2014				

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
January	15,359	6,592,965	545,108.7	2.33
February	13,975	6,474,615	492,483.7	2.16
March	15,778	6,486,848	545,385.2	2.43
April	14,060	6,489,056	528,203.9	2.17
May	12,956	6,463,993	543,634.7	2.00
June	10,073	6,467,652	526,834.4	1.56
July	8,043	7,008,762	586,265.3	1.15
August	6,019	7,039,422	580,811.9	0.86
September	7,597	6,868,645	559,311.5	1.11
October	2,903	7,011,760	579,248.1	0.41
November	429	6,882,910	560,905.1	0.06
December	72	7,024,177	577,564.2	0.01
2015				
January	0	5,907,655	487,657.3	0.00
February	0	5,719,348	434,796.4	0.00
March	0	5,749,313	482,845.3	0.00
Entire History Prior Exclusionary Period				
2004				
January	18,782	2,129,366	178,675.0	8.82
February	17,159	2,105,170	165,381.6	8.15
March	16,766	2,089,232	175,172.1	8.02
April	12,519	2,064,622	167,860.9	6.06
May	11,316	2,049,155	172,270.4	5.52
June	7,501	2,038,781	165,856.6	3.68
July	5,749	2,032,940	170,922.1	2.83
August	7,552	2,027,846	170,409.5	3.72
September	8,691	2,023,197	164,556.9	4.30
October	9,748	2,024,310	170,057.2	4.82
November	9,723	2,006,376	163,302.4	4.85
December	8,407	1,991,816	167,570.6	4.22
2005				
January	9,334	2,034,076	170,972.3	4.59
February	9,458	2,024,843	153,881.0	4.67
March	10,031	2,023,643	170,097.1	4.96
April	9,127	2,014,259	163,941.0	4.53
May	9,069	2,009,639	169,023.8	4.51
June	5,986	2,003,015	163,079.0	2.99
July	4,363	2,013,758	169,464.9	2.17
August	5,372	2,019,860	169,944.2	2.66
September	6,624	2,030,129	165,246.9	3.26
October	7,339	2,041,537	171,770.5	3.59
November	7,250	2,042,565	166,367.0	3.55
December	6,715	2,016,691	169,763.1	3.33
2006				
January	30,335	4,964,626	416,482.9	6.11
February	25,527	4,932,159	374,294.5	5.18
March	25,089	4,916,898	412,648.0	5.10
April	18,726	4,898,074	398,437.9	3.82
May	22,627	4,892,692	409,976.4	4.62
June	14,145	4,862,145	395,294.3	2.91
July	10,799	4,860,016	408,272.3	2.22
August	14,280	4,854,908	407,471.0	2.94
September	16,236	4,850,735	394,106.7	3.35
October	18,887	4,950,711	415,288.0	3.82
November	18,960	4,920,415	400,100.1	3.85
December	16,521	4,898,962	411,888.4	3.37
2007				
January	18,421	4,924,478	413,483.7	3.74
February	16,776	4,900,273	372,037.4	3.42
March	16,705	4,886,797	410,520.7	3.42
April	13,965	4,875,975	396,641.8	2.86
May	13,708	4,867,006	408,989.2	2.82

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
June	11,169	5,270,099	428,556.1	2.12
July	9,469	5,257,410	441,849.6	1.80
August	12,776	5,263,059	441,394.1	2.43
September	14,719	5,252,210	426,882.9	2.80
October	17,819	5,253,993	440,641.2	3.39
November	17,688	5,237,910	426,055.6	3.38
December	14,765	5,224,258	438,916.2	2.83
2008				
January	66,255	10,677,333	891,788.3	6.21
February	55,271	10,550,096	828,612.0	5.24
March	45,567	10,495,956	881,110.1	4.34
April	41,852	10,424,033	846,869.4	4.01
May	36,888	10,350,039	869,073.9	3.56
June	24,721	10,281,293	836,073.3	2.40
July	21,767	10,263,129	862,068.7	2.12
August	26,085	10,254,151	860,870.1	2.54
September	33,297	10,223,204	830,861.3	3.26
October	35,905	10,177,261	854,861.1	3.53
November	31,794	10,117,036	823,407.9	3.14
December	30,737	10,065,373	845,858.9	3.05
2009				
January	35,352	10,110,220	847,073.7	3.50
February	36,970	9,986,698	758,157.2	3.70
March	35,891	9,910,485	832,330.1	3.62
April	30,232	9,828,989	799,716.5	3.08
May	26,463	9,768,420	821,187.5	2.71
June	20,894	9,711,809	790,414.1	2.15
July	17,346	9,655,599	811,845.7	1.80
August	22,536	9,635,760	809,627.1	2.34
September	31,669	9,595,490	780,457.6	3.30
October	35,288	9,535,149	801,475.8	3.70
November	29,101	9,471,731	771,270.1	3.07
December	25,303	9,419,300	792,707.7	2.69
2010				
January	29,345	9,222,854	773,419.0	3.18
February	30,168	9,143,498	694,034.2	3.30
March	31,571	9,101,199	764,662.2	3.47
April	27,392	9,039,330	735,731.1	3.03
May	22,140	9,001,486	757,261.9	2.46
June	17,415	8,984,698	730,970.3	1.94
July	14,606	8,962,877	753,954.2	1.63
August	18,835	8,963,121	753,567.9	2.10
September	23,125	8,934,962	726,803.3	2.59
October	24,054	8,892,857	747,954.1	2.70
November	24,257	8,854,516	721,214.1	2.74
December	21,595	8,824,624	742,795.9	2.45
2011				
January	25,800	8,591,600	720,957.5	3.00
February	26,234	8,522,954	647,868.2	3.08
March	28,415	8,504,852	714,736.3	3.34
April	22,998	8,464,917	688,693.0	2.72
May	22,347	8,443,542	709,737.4	2.65
June	15,507	8,414,463	684,759.6	1.84
July	12,494	8,385,179	705,160.2	1.49
August	17,757	8,400,717	705,442.3	2.11
September	20,055	8,402,972	683,105.5	2.39
October	21,870	8,382,087	704,715.1	2.61
November	22,668	8,348,920	679,668.3	2.72
December	20,916	8,313,681	699,617.0	2.52
2012				
January	27,925	8,547,134	717,400.7	3.27
February	27,645	8,483,362	667,634.3	3.26

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
March	26,042	8,456,836	711,075.2	3.08
April	22,541	8,418,836	685,171.0	2.68
May	20,205	8,394,395	705,911.3	2.41
June	14,593	8,370,227	681,339.3	1.74
July	14,727	8,311,907	699,088.8	1.77
August	19,884	8,323,842	699,561.6	2.39
September	20,729	8,317,570	676,243.2	2.49
October	22,101	8,299,218	697,448.2	2.66
November	21,161	8,257,786	672,919.4	2.56
December	21,124	8,227,986	692,999.3	2.57
2013				
January	25,251	8,279,990	695,461.4	3.05
February	21,668	8,211,805	624,601.4	2.64
March	21,625	8,184,555	688,740.8	2.64
April	20,835	8,143,787	663,359.9	2.56
May	19,814	8,125,926	683,659.8	2.44
June	13,093	8,105,292	660,405.2	1.62
July	13,375	8,154,430	685,850.0	1.64
August	16,890	8,148,380	685,173.5	2.07
September	18,257	8,133,857	662,473.3	2.24
October	20,168	8,132,532	684,347.0	2.48
November	19,061	8,105,617	660,555.3	2.35
December	17,475	8,108,156	681,817.5	2.16
2014				
January	21,423	8,183,222	688,349.4	2.62
February	19,146	8,146,368	619,913.0	2.35
March	20,831	8,126,851	684,003.0	2.56
April	18,339	8,138,467	663,046.9	2.25
May	16,722	8,137,625	685,083.2	2.05
June	12,789	8,119,923	661,661.7	1.58
July	8,983	8,101,340	682,110.4	1.11
August	6,653	8,043,346	674,655.6	0.83
September	8,376	8,017,876	653,418.8	1.04
October	3,093	8,015,932	675,344.2	0.39
November	427	8,005,726	653,440.8	0.05
December	71	8,013,710	675,825.1	0.01
2015				
January	0	7,526,725	633,927.0	0.00
February	0	7,441,105	566,993.9	0.00
March	0	7,481,299	630,561.1	0.00
1 year (365 days) Minimum Enrollment after Index Date				
No Exclusion Criteria				
2004				
January	18,168	2,137,187	179,369.0	8.50
February	16,564	2,113,735	166,093.6	7.84
March	16,203	2,098,519	175,990.5	7.72
April	12,231	2,074,558	168,695.9	5.90
May	11,030	2,059,470	173,163.3	5.36
June	7,356	2,049,451	166,743.6	3.59
July	5,628	2,043,755	171,847.9	2.75
August	7,350	2,038,831	171,353.2	3.61
September	8,451	2,034,426	165,490.1	4.15
October	9,548	2,035,818	171,045.5	4.69
November	9,524	2,017,839	164,254.7	4.72
December	8,190	2,003,078	168,536.2	4.09
2005				
January	8,860	2,044,266	171,851.4	4.33
February	8,972	2,035,123	154,687.8	4.41
March	9,561	2,034,135	171,008.6	4.70
April	8,838	2,025,006	164,835.6	4.36
May	8,751	2,020,573	169,968.8	4.33
June	5,821	2,014,167	164,001.3	2.89
July	4,236	2,024,887	170,414.9	2.09

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
August	5,218	2,031,011	170,895.3	2.57
September	6,434	2,041,256	166,171.6	3.15
October	7,084	2,052,824	172,741.5	3.45
November	6,951	2,054,051	167,326.8	3.38
December	6,514	2,028,066	170,741.4	3.21
2006				
January	27,599	4,975,538	417,572.3	5.55
February	23,327	4,946,607	375,502.5	4.72
March	23,011	4,933,755	414,180.8	4.66
April	17,697	4,917,161	400,063.7	3.60
May	21,727	4,912,988	411,764.9	4.42
June	13,588	4,883,636	397,172.4	2.78
July	10,261	4,883,209	410,488.5	2.10
August	13,611	4,881,301	409,767.0	2.79
September	15,416	4,878,011	396,437.0	3.16
October	18,005	4,979,518	417,791.5	3.62
November	18,119	4,949,818	402,732.9	3.66
December	15,844	4,930,962	414,636.6	3.21
2007				
January	16,877	4,952,138	415,911.2	3.41
February	15,635	4,928,755	374,288.0	3.17
March	15,289	4,916,218	413,085.5	3.11
April	13,204	4,906,349	399,175.1	2.69
May	13,142	4,897,669	411,625.8	2.68
June	10,509	5,300,958	431,128.8	1.98
July	8,842	5,288,196	444,495.3	1.67
August	12,081	5,293,935	444,039.7	2.28
September	14,357	5,283,001	429,415.5	2.72
October	16,917	5,284,644	443,310.7	3.20
November	16,746	5,269,255	428,678.0	3.18
December	14,040	5,256,298	441,665.1	2.67
2008				
January	57,519	10,707,173	894,757.7	5.37
February	47,977	10,588,734	832,008.2	4.53
March	39,507	10,542,236	885,330.7	3.75
April	38,939	10,476,486	851,562.8	3.72
May	34,874	10,408,321	874,133.7	3.35
June	23,533	10,341,286	841,061.3	2.28
July	20,586	10,323,536	867,463.2	1.99
August	24,517	10,318,138	866,427.4	2.38
September	31,241	10,288,696	836,336.4	3.04
October	33,876	10,244,136	860,626.3	3.31
November	30,019	10,184,458	829,146.3	2.95
December	29,098	10,134,727	851,787.9	2.87
2009				
January	30,124	10,164,181	851,786.5	2.96
February	31,510	10,042,873	762,651.9	3.14
March	30,743	9,970,266	837,596.3	3.08
April	28,206	9,891,968	804,971.3	2.85
May	25,036	9,832,054	826,649.0	2.55
June	19,794	9,775,643	795,697.6	2.02
July	16,313	9,718,393	817,200.0	1.68
August	21,164	9,697,967	814,939.7	2.18
September	29,565	9,657,067	785,582.5	3.06
October	33,172	9,596,885	806,789.7	3.46
November	27,520	9,534,030	776,455.0	2.89
December	24,063	9,481,656	798,050.8	2.54
2010				
January	25,489	9,273,248	777,797.0	2.75
February	26,145	9,195,930	698,190.7	2.84
March	27,319	9,156,117	769,491.0	2.98
April	25,721	9,097,019	740,539.8	2.83

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
May	21,010	9,059,843	762,261.8	2.32
June	16,603	9,043,284	735,790.1	1.84
July	13,778	9,020,054	758,828.6	1.53
August	17,771	9,019,447	758,373.4	1.97
September	21,798	8,990,257	731,385.3	2.42
October	22,821	8,947,557	752,642.1	2.55
November	22,976	8,909,220	725,763.2	2.58
December	20,575	8,879,748	747,515.1	2.32
2011				
January	22,244	8,637,319	724,947.1	2.58
February	22,728	8,570,624	651,648.7	2.65
March	24,592	8,554,998	719,145.1	2.87
April	21,546	8,517,852	693,102.0	2.53
May	21,187	8,497,067	714,330.5	2.49
June	14,770	8,468,224	689,189.9	1.74
July	11,746	8,437,984	709,656.9	1.39
August	16,564	8,453,423	709,935.5	1.96
September	18,650	8,455,349	687,446.4	2.21
October	20,653	8,434,428	709,199.8	2.45
November	21,469	8,401,348	684,018.2	2.56
December	19,879	8,366,225	704,116.2	2.38
2012				
January	24,675	8,590,693	721,209.4	2.87
February	24,454	8,528,750	671,361.5	2.87
March	22,997	8,504,507	715,237.1	2.70
April	21,053	8,468,600	689,326.7	2.49
May	19,212	8,445,089	710,254.4	2.27
June	13,882	8,421,153	685,541.1	1.65
July	13,868	8,361,413	703,319.2	1.66
August	18,636	8,373,279	703,797.2	2.23
September	19,364	8,366,978	680,345.2	2.31
October	20,773	8,348,775	701,695.4	2.49
November	20,025	8,307,379	677,038.7	2.41
December	20,027	8,277,658	697,265.7	2.42
2013				
January	21,952	8,323,471	699,273.1	2.64
February	18,803	8,257,345	628,198.6	2.28
March	18,803	8,231,740	692,865.9	2.28
April	19,471	8,192,772	667,450.1	2.38
May	18,866	8,175,560	687,917.0	2.31
June	12,456	8,155,091	664,521.6	1.53
July	12,515	8,203,344	690,026.3	1.53
August	15,714	8,196,961	689,336.9	1.92
September	16,978	8,182,285	666,497.9	2.07
October	18,847	8,180,898	688,504.6	2.30
November	18,120	8,154,226	664,590.6	2.22
December	16,525	8,156,749	685,972.3	2.03
2014				
January	17,534	8,225,075	692,058.6	2.13
February	15,359	8,191,369	623,501.3	1.88
March	16,684	8,174,803	688,240.5	2.04
April	11,540	8,189,794	667,556.3	1.41
May	6,911	8,195,094	690,384.4	0.84
June	5,328	8,186,405	667,437.6	0.65
July	1,724	8,173,785	688,555.7	0.21
August	261	8,120,994	681,482.0	0.03
September	1	8,100,446	660,522.1	0.00
October	0	8,105,607	683,101.5	0.00
November	0	8,097,479	660,997.7	0.00
December	0	8,104,639	683,544.0	0.00
2015				
January	0	7,598,059	639,984.5	0.00

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
February	0	7,510,818	572,340.4	0.00
March	0	7,550,344	636,417.0	0.00
183 Day Prior Exclusionary Period				
2004				
January	8,322	1,692,150	140,458.4	4.92
February	9,273	1,671,989	131,055.2	5.55
March	10,249	1,675,776	140,069.3	6.12
April	8,532	1,671,838	135,471.2	5.10
May	8,478	1,669,497	139,824.2	5.08
June	5,914	1,667,159	135,268.0	3.55
July	5,041	1,805,321	151,110.9	2.79
August	6,867	1,817,117	151,078.9	3.78
September	8,258	1,791,812	145,551.4	4.61
October	9,414	1,808,637	150,050.7	5.21
November	9,524	1,772,310	144,039.1	5.37
December	8,088	1,798,380	148,430.4	4.50
2005				
January	8,060	1,760,948	146,314.3	4.58
February	8,332	1,736,401	131,783.2	4.80
March	8,753	1,738,499	145,835.1	5.03
April	8,013	1,735,536	141,020.3	4.62
May	7,972	1,731,125	145,416.5	4.61
June	5,304	1,718,181	139,904.5	3.09
July	3,984	1,781,949	149,404.7	2.24
August	4,984	1,810,853	150,296.6	2.75
September	6,109	1,793,981	145,996.1	3.41
October	6,702	1,820,326	151,245.9	3.68
November	6,684	1,801,994	146,643.1	3.71
December	6,138	1,821,210	150,024.5	3.37
2006				
January	6,002	1,778,128	147,824.7	3.38
February	6,515	1,755,498	133,440.0	3.71
March	7,008	1,763,413	148,009.1	3.97
April	5,889	1,766,028	143,723.0	3.33
May	8,732	1,769,761	147,785.8	4.93
June	4,875	1,748,292	142,286.2	2.79
July	9,119	4,214,574	340,515.5	2.16
August	12,975	4,273,415	353,557.0	3.04
September	15,059	4,207,530	341,668.9	3.58
October	17,486	4,271,223	352,995.0	4.09
November	18,210	4,194,965	340,585.9	4.34
December	16,032	4,284,228	352,753.0	3.74
2007				
January	15,236	4,092,506	338,929.6	3.72
February	13,933	4,019,502	305,022.7	3.47
March	14,096	4,027,502	337,739.3	3.50
April	12,642	4,103,712	333,434.6	3.08
May	12,626	4,096,826	343,948.3	3.08
June	8,368	4,071,305	331,310.2	2.06
July	7,732	4,240,136	355,183.4	1.82
August	10,931	4,298,594	355,896.5	2.54
September	12,967	4,217,849	342,940.0	3.07
October	15,181	4,280,574	353,761.9	3.55
November	15,049	4,199,906	341,584.5	3.58
December	13,458	4,621,684	380,129.5	2.91
2008				
January	12,945	4,416,089	364,401.3	2.93
February	12,918	4,323,356	339,685.4	2.99
March	11,169	4,329,922	363,546.7	2.58
April	12,098	4,324,259	351,409.2	2.80
May	11,660	4,300,931	361,219.1	2.71
June	7,919	4,256,004	346,670.1	1.86

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
July	18,002	8,787,175	725,725.1	2.05
August	23,197	8,954,173	738,411.9	2.59
September	30,561	8,762,670	711,589.5	3.49
October	34,295	8,902,980	734,008.1	3.85
November	31,009	8,724,141	708,638.8	3.55
December	30,248	8,962,497	734,022.9	3.37
2009				
January	25,526	8,287,052	681,737.1	3.08
February	27,411	8,076,604	612,451.4	3.39
March	27,454	8,070,257	676,203.9	3.40
April	25,462	8,032,695	652,593.1	3.17
May	23,021	8,006,645	671,854.8	2.88
June	18,154	7,934,852	645,540.4	2.29
July	16,245	8,512,901	711,252.4	1.91
August	21,693	8,608,636	712,248.2	2.52
September	30,124	8,424,976	684,856.2	3.58
October	33,737	8,501,357	703,414.4	3.97
November	27,333	8,327,417	677,479.9	3.28
December	23,691	8,505,427	699,158.0	2.79
2010				
January	20,453	7,722,912	637,200.4	2.65
February	21,421	7,553,203	572,980.4	2.84
March	22,868	7,545,218	632,903.3	3.03
April	21,884	7,504,226	610,142.0	2.92
May	17,996	7,454,739	626,588.9	2.41
June	14,199	7,402,621	602,255.4	1.92
July	12,828	7,868,676	658,189.0	1.63
August	17,027	7,946,337	658,281.6	2.14
September	20,522	7,768,803	632,077.5	2.64
October	21,544	7,850,788	649,574.7	2.74
November	21,640	7,704,168	627,080.9	2.81
December	19,465	7,908,697	649,606.0	2.46
2011				
January	17,534	7,233,841	597,191.5	2.42
February	18,498	7,081,557	538,062.9	2.61
March	20,289	7,104,751	596,018.9	2.86
April	18,202	7,089,032	576,517.2	2.57
May	17,921	7,061,920	593,234.2	2.54
June	12,509	7,007,888	570,509.8	1.78
July	10,757	7,351,749	615,460.5	1.46
August	15,430	7,442,307	615,748.5	2.07
September	17,109	7,291,979	593,277.7	2.35
October	18,897	7,378,821	610,646.1	2.56
November	20,079	7,253,193	590,004.9	2.77
December	18,542	7,435,436	611,130.7	2.49
2012				
January	17,117	6,795,076	560,399.6	2.52
February	17,489	6,661,429	523,900.3	2.63
March	17,083	6,679,920	560,698.0	2.56
April	15,944	6,666,722	542,549.8	2.39
May	15,111	6,644,717	558,429.0	2.27
June	10,804	6,593,119	536,935.9	1.64
July	12,546	7,272,376	609,301.6	1.73
August	17,237	7,363,854	609,317.0	2.34
September	17,834	7,208,080	586,544.1	2.47
October	19,214	7,300,349	603,658.0	2.63
November	18,682	7,159,037	583,064.7	2.61
December	18,804	7,344,702	603,527.1	2.56
2013				
January	16,912	6,898,100	569,273.4	2.45
February	14,688	6,757,206	513,723.0	2.17
March	15,084	6,774,626	568,846.6	2.23

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
April	15,887	6,755,006	549,927.4	2.35
May	15,666	6,736,640	566,328.1	2.33
June	10,531	6,689,182	545,117.1	1.57
July	11,004	7,098,589	593,830.4	1.55
August	14,232	7,164,296	593,516.6	1.99
September	15,404	7,014,969	571,384.6	2.20
October	17,023	7,102,399	588,635.0	2.40
November	16,487	6,978,856	568,397.8	2.36
December	14,814	7,189,828	586,177.9	2.06
2014				
January	12,639	6,600,348	545,682.3	1.91
February	11,244	6,482,032	493,011.3	1.73
March	12,673	6,494,594	545,987.0	1.95
April	9,044	6,497,025	528,809.2	1.39
May	5,461	6,472,183	544,282.4	0.84
June	4,270	6,476,003	527,477.8	0.66
July	1,660	7,018,704	586,999.4	0.24
August	299	7,051,089	581,656.5	0.04
September	2	6,881,652	560,257.6	0.00
October	0	7,027,980	580,423.1	0.00
November	0	6,903,576	562,348.3	0.00
December	0	7,048,440	579,374.5	0.00
2015				
January	0	5,929,580	489,261.0	0.00
February	0	5,744,008	436,484.1	0.00
March	0	5,778,662	485,035.4	0.00
Entire History Prior Exclusionary Period				
2004				
January	17,800	2,129,366	178,714.0	8.36
February	16,298	2,106,150	165,496.2	7.74
March	15,982	2,091,069	175,363.4	7.64
April	12,039	2,067,234	168,097.0	5.82
May	10,887	2,052,238	172,551.6	5.30
June	7,237	2,042,286	166,155.9	3.54
July	5,550	2,036,695	171,248.8	2.73
August	7,256	2,031,789	170,755.5	3.57
September	8,352	2,027,418	164,915.7	4.12
October	9,437	2,028,840	170,452.2	4.65
November	9,409	2,010,905	163,685.1	4.68
December	8,092	1,996,212	167,952.1	4.05
2005				
January	8,774	2,037,520	171,277.6	4.31
February	8,900	2,028,361	154,167.8	4.39
March	9,485	2,027,355	170,431.8	4.68
April	8,774	2,018,213	164,274.8	4.35
May	8,698	2,013,720	169,383.3	4.32
June	5,781	2,007,283	163,435.1	2.88
July	4,203	2,018,010	169,828.3	2.08
August	5,168	2,024,095	170,306.0	2.55
September	6,374	2,034,318	165,595.8	3.13
October	7,026	2,045,767	172,138.1	3.43
November	6,878	2,046,912	166,735.7	3.36
December	6,450	2,020,916	170,129.4	3.19
2006				
January	27,509	4,968,380	416,912.0	5.54
February	23,228	4,938,477	374,864.2	4.70
March	22,892	4,925,263	413,445.9	4.65
April	17,615	4,908,371	399,331.6	3.59
May	21,611	4,903,980	410,973.0	4.41
June	13,505	4,874,261	396,310.7	2.77
July	10,172	4,872,578	409,358.4	2.09
August	13,484	4,867,841	408,594.6	2.77

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
September	15,316	4,864,211	395,242.9	3.15
October	17,887	4,964,871	416,519.6	3.60
November	17,959	4,934,818	401,315.5	3.64
December	15,714	4,913,543	413,153.2	3.20
2007				
January	16,706	4,934,967	414,425.9	3.39
February	15,224	4,911,289	372,933.2	3.10
March	15,129	4,898,552	411,572.6	3.09
April	13,101	4,888,558	397,706.4	2.68
May	13,041	4,879,853	410,101.5	2.67
June	10,417	5,283,050	429,643.4	1.97
July	8,754	5,270,172	442,953.5	1.66
August	11,981	5,275,834	442,497.6	2.27
September	13,813	5,264,841	427,948.0	2.62
October	16,770	5,266,738	441,751.1	3.18
November	16,587	5,250,889	427,159.2	3.16
December	13,920	5,237,704	440,080.7	2.66
2008				
January	57,311	10,688,820	893,097.0	5.36
February	47,775	10,569,503	830,441.0	4.52
March	39,340	10,522,245	883,594.9	3.74
April	38,625	10,455,833	849,621.4	3.69
May	34,659	10,384,369	872,079.7	3.34
June	23,302	10,317,096	839,065.3	2.26
July	20,403	10,299,392	865,188.6	1.98
August	24,365	10,291,079	864,057.1	2.37
September	31,031	10,260,735	834,016.0	3.02
October	33,665	10,215,899	858,217.0	3.30
November	29,831	10,156,085	826,674.8	2.94
December	28,870	10,104,373	849,216.8	2.86
2009				
January	29,903	10,135,031	849,298.2	2.95
February	31,304	10,013,565	760,402.2	3.13
March	30,537	9,940,845	835,101.2	3.07
April	28,021	9,862,666	802,560.4	2.84
May	24,870	9,802,824	824,159.2	2.54
June	19,655	9,746,513	793,298.9	2.02
July	16,201	9,689,399	814,733.9	1.67
August	21,003	9,668,918	812,470.9	2.17
September	29,368	9,628,076	783,198.8	3.05
October	32,981	9,567,991	804,331.7	3.45
November	27,325	9,505,168	774,071.2	2.87
December	23,889	9,452,769	795,590.2	2.53
2010				
January	25,305	9,245,867	775,473.2	2.74
February	25,991	9,168,462	696,095.9	2.83
March	27,120	9,128,895	767,179.2	2.97
April	25,563	9,069,878	738,305.3	2.82
May	20,877	9,032,808	759,961.2	2.31
June	16,476	9,016,220	733,577.1	1.83
July	13,664	8,993,297	756,551.8	1.52
August	17,664	8,992,726	756,100.7	1.96
September	21,642	8,963,604	729,189.8	2.41
October	22,657	8,921,052	750,388.8	2.54
November	22,793	8,882,739	723,579.2	2.57
December	20,410	8,853,198	745,253.7	2.31
2011				
January	22,098	8,612,165	722,807.9	2.57
February	22,547	8,545,424	649,711.5	2.64
March	24,431	8,529,822	717,003.2	2.86
April	21,396	8,492,686	691,032.5	2.52
May	21,062	8,471,957	712,194.0	2.49

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
June	14,678	8,443,212	687,138.3	1.74
July	11,667	8,413,271	707,556.2	1.39
August	16,456	8,428,661	707,838.7	1.95
September	18,521	8,430,791	685,428.1	2.20
October	20,496	8,410,001	707,123.7	2.44
November	21,335	8,377,031	682,014.2	2.55
December	19,745	8,341,916	702,044.9	2.37
2012				
January	24,531	8,568,320	719,294.9	2.86
February	24,300	8,506,370	669,575.4	2.86
March	22,830	8,482,026	713,322.7	2.69
April	20,927	8,446,068	687,468.3	2.48
May	19,093	8,422,486	708,330.7	2.27
June	13,775	8,398,595	683,685.8	1.64
July	13,781	8,339,175	701,425.1	1.65
August	18,527	8,350,952	701,897.9	2.22
September	19,248	8,344,690	678,509.8	2.31
October	20,625	8,326,468	699,800.4	2.48
November	19,887	8,285,159	675,206.3	2.40
December	19,886	8,255,413	695,370.8	2.41
2013				
January	21,812	8,302,051	697,445.0	2.63
February	18,693	8,235,786	626,538.8	2.27
March	18,688	8,210,279	691,037.7	2.28
April	19,355	8,171,324	665,683.3	2.37
May	18,758	8,154,126	686,090.3	2.30
June	12,374	8,133,646	662,751.5	1.52
July	12,434	8,181,875	688,201.8	1.52
August	15,621	8,175,516	687,510.0	1.91
September	16,874	8,160,842	664,729.5	2.07
October	18,746	8,159,488	686,678.6	2.30
November	18,001	8,132,746	662,817.0	2.21
December	16,406	8,135,169	684,139.4	2.02
2014				
January	17,440	8,204,636	690,306.3	2.13
February	15,295	8,170,688	621,905.0	1.87
March	16,602	8,153,957	686,460.7	2.04
April	11,483	8,168,828	665,823.9	1.41
May	6,879	8,173,989	688,583.2	0.84
June	5,300	8,165,224	665,684.7	0.65
July	1,720	8,152,568	686,742.4	0.21
August	260	8,100,340	679,721.4	0.03
September	1	8,079,702	658,807.0	0.00
October	0	8,084,742	681,317.8	0.00
November	0	8,076,463	659,256.2	0.00
December	0	8,083,455	681,731.5	0.00
2015				
January	0	7,585,927	638,932.5	0.00
February	0	7,498,523	571,383.0	0.00
March	0	7,537,793	635,336.9	0.00
2 years (730 days) Minimum Enrollment after Index Date				
No Exclusion Criteria				
2004				
January	15,695	2,137,187	179,465.7	7.34
February	14,555	2,116,204	166,370.8	6.88
March	14,181	2,102,986	176,454.2	6.74
April	10,698	2,081,036	169,286.8	5.14
May	9,696	2,067,461	173,898.9	4.69
June	6,347	2,058,746	167,548.3	3.08
July	4,903	2,054,023	172,746.7	2.39
August	6,384	2,049,789	172,317.4	3.11
September	7,246	2,046,312	166,508.8	3.54
October	8,137	2,048,870	172,210.6	3.97

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
November	8,104	2,032,257	165,495.6	3.99
December	7,026	2,018,852	169,924.1	3.48
2005				
January	7,551	2,061,116	173,329.1	3.66
February	7,648	2,053,045	156,109.5	3.73
March	8,183	2,052,963	172,657.9	3.99
April	7,470	2,044,571	166,488.9	3.65
May	7,440	2,040,929	171,744.3	3.65
June	4,971	2,035,008	165,739.2	2.44
July	3,612	2,045,643	172,191.1	1.77
August	4,453	2,051,716	172,671.5	2.17
September	5,395	2,062,078	167,907.7	2.62
October	5,935	2,073,990	174,571.2	2.86
November	5,876	2,075,643	169,131.6	2.83
December	5,531	2,049,039	172,548.9	2.70
2006				
January	21,964	4,994,792	419,421.9	4.40
February	18,827	4,970,596	377,503.4	3.79
March	18,540	4,961,591	416,712.6	3.74
April	14,261	4,948,619	402,775.1	2.88
May	17,692	4,947,352	414,813.4	3.58
June	11,046	4,920,771	400,310.9	2.24
July	8,318	4,921,973	413,839.7	1.69
August	11,103	4,921,020	413,216.3	2.26
September	12,504	4,919,296	399,921.3	2.54
October	14,477	5,023,147	421,604.1	2.88
November	14,516	4,995,813	406,642.7	2.91
December	12,732	4,979,750	418,891.9	2.56
2007				
January	13,357	5,001,820	420,246.2	2.67
February	12,334	4,980,804	378,389.8	2.48
March	11,972	4,970,383	417,796.3	2.41
April	10,421	4,962,394	403,870.3	2.10
May	10,362	4,954,894	416,576.8	2.09
June	7,990	5,359,053	435,976.9	1.49
July	6,788	5,345,857	449,441.6	1.27
August	9,387	5,351,787	449,021.9	1.75
September	11,118	5,341,375	434,308.8	2.08
October	13,013	5,344,082	448,464.9	2.44
November	12,949	5,330,382	433,827.9	2.43
December	10,856	5,319,242	447,098.6	2.04
2008				
January	41,303	10,763,720	900,142.4	3.84
February	34,679	10,658,275	838,023.5	3.25
March	28,738	10,623,137	892,614.0	2.71
April	28,468	10,566,045	859,297.0	2.69
May	25,567	10,505,932	882,805.9	2.43
June	17,338	10,445,920	849,887.7	1.66
July	15,048	10,431,631	876,814.0	1.44
August	18,010	10,429,749	876,120.0	1.73
September	22,701	10,404,507	846,134.3	2.18
October	24,504	10,366,256	871,330.5	2.36
November	21,780	10,313,580	840,065.5	2.11
December	21,091	10,270,261	863,579.0	2.05
2009				
January	22,297	10,297,441	863,336.6	2.17
February	23,344	10,180,546	773,469.1	2.29
March	22,709	10,112,606	849,940.9	2.25
April	21,002	10,037,861	817,168.2	2.09
May	18,696	9,981,006	839,506.5	1.87
June	14,794	9,926,335	808,226.8	1.49
July	12,140	9,867,653	829,952.4	1.23

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
August	15,810	9,846,626	827,677.3	1.61
September	22,013	9,805,961	798,026.3	2.24
October	24,981	9,747,700	819,848.8	2.56
November	20,918	9,688,179	789,339.3	2.16
December	18,265	9,638,006	811,502.5	1.90
2010				
January	19,012	9,394,662	788,185.1	2.02
February	19,552	9,317,940	707,735.1	2.10
March	20,680	9,280,414	780,240.0	2.23
April	19,247	9,222,303	751,015.5	2.09
May	15,950	9,186,991	773,215.6	1.74
June	12,583	9,171,277	746,390.9	1.37
July	10,476	9,145,642	769,551.0	1.15
August	13,387	9,143,686	769,026.5	1.46
September	16,244	9,113,909	741,685.7	1.78
October	17,003	9,071,615	763,347.1	1.87
November	17,211	9,034,946	736,283.7	1.90
December	15,431	9,007,763	758,539.8	1.71
2011				
January	17,232	8,743,720	734,064.6	1.97
February	17,538	8,677,636	659,993.7	2.02
March	18,907	8,663,709	728,546.8	2.18
April	16,514	8,628,169	702,308.8	1.91
May	16,462	8,608,859	723,967.2	1.91
June	11,363	8,580,855	698,524.4	1.32
July	9,114	8,548,379	719,068.8	1.07
August	12,804	8,563,108	719,316.8	1.50
September	14,323	8,564,799	696,537.0	1.67
October	15,833	8,544,334	718,665.0	1.85
November	16,505	8,512,828	693,330.0	1.94
December	15,288	8,479,697	713,884.7	1.80
2012				
January	18,597	8,687,105	729,533.1	2.14
February	18,272	8,627,492	679,397.5	2.12
March	17,185	8,606,407	724,064.8	2.00
April	15,802	8,572,681	698,030.4	1.84
May	14,588	8,551,247	719,408.0	1.71
June	10,395	8,528,637	694,453.1	1.22
July	10,397	8,465,757	712,255.8	1.23
August	13,907	8,477,969	712,805.3	1.64
September	14,365	8,472,968	689,192.0	1.70
October	15,284	8,456,624	711,007.9	1.81
November	14,786	8,417,447	686,246.2	1.76
December	14,770	8,390,431	707,027.8	1.76
2013				
January	15,176	8,428,109	708,344.8	1.80
February	12,741	8,364,939	636,634.4	1.52
March	12,920	8,342,208	702,447.7	1.55
April	9,643	8,305,491	677,059.9	1.16
May	6,000	8,295,075	698,589.5	0.72
June	3,781	8,283,962	675,426.8	0.46
July	1,477	8,336,220	701,682.3	0.18
August	241	8,337,395	701,813.5	0.03
September	2	8,334,392	679,586.6	0.00
October	0	8,346,269	703,259.3	0.00
November	0	8,335,034	680,153.7	0.00
December	0	8,352,264	703,207.1	0.00
2014				
January	0	8,418,357	709,071.9	0.00
February	0	8,398,700	639,899.7	0.00
March	0	8,394,324	707,493.0	0.00
April	0	8,422,637	687,093.3	0.00

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
May	0	8,436,176	711,083.7	0.00
June	0	8,430,636	687,668.0	0.00
July	0	8,418,088	709,296.5	0.00
August	0	8,362,238	701,867.4	0.00
September	0	8,337,751	679,959.6	0.00
October	0	8,339,197	702,868.7	0.00
November	0	8,327,752	679,862.8	0.00
December	0	8,331,004	702,705.6	0.00
2015				
January	0	7,791,840	656,371.9	0.00
February	0	7,699,962	586,801.2	0.00
March	0	7,736,993	652,210.4	0.00
183 Day Prior Exclusionary Period				
2004				
January	7,285	1,692,150	140,458.4	4.31
February	8,228	1,671,989	131,055.2	4.92
March	9,103	1,675,776	140,069.3	5.43
April	7,572	1,671,838	135,471.2	4.53
May	7,516	1,669,497	139,824.2	4.50
June	5,189	1,667,159	135,268.0	3.11
July	4,454	1,805,989	151,135.3	2.47
August	6,070	1,818,613	151,170.5	3.34
September	7,209	1,794,158	145,706.0	4.02
October	8,203	1,811,754	150,272.0	4.53
November	8,275	1,776,110	144,311.8	4.66
December	7,076	1,802,668	148,760.3	3.93
2005				
January	6,981	1,765,529	146,674.4	3.95
February	7,268	1,741,334	132,128.1	4.17
March	7,705	1,743,904	146,244.9	4.42
April	6,938	1,741,657	141,464.8	3.98
May	6,946	1,737,841	145,928.2	4.00
June	4,619	1,725,231	140,435.5	2.68
July	3,450	1,789,486	149,983.7	1.93
August	4,316	1,819,223	150,939.0	2.37
September	5,253	1,802,947	146,668.0	2.91
October	5,693	1,829,877	151,980.9	3.11
November	5,719	1,811,918	147,391.5	3.16
December	5,302	1,830,754	150,776.2	2.90
2006				
January	5,159	1,786,459	148,485.4	2.89
February	5,637	1,763,511	134,015.8	3.20
March	6,035	1,771,563	148,640.9	3.41
April	5,070	1,774,261	144,342.7	2.86
May	7,629	1,778,341	148,429.4	4.29
June	4,196	1,756,531	142,913.5	2.39
July	7,530	4,222,917	341,166.0	1.78
August	10,699	4,282,059	354,219.2	2.50
September	12,387	4,216,351	342,329.0	2.94
October	14,253	4,280,468	353,697.0	3.33
November	14,808	4,204,195	341,281.1	3.52
December	13,046	4,293,619	353,481.5	3.04
2007				
January	12,274	4,101,357	339,597.3	2.99
February	11,286	4,029,017	305,675.5	2.80
March	11,271	4,038,474	338,550.8	2.79
April	10,195	4,116,304	334,341.7	2.48
May	10,137	4,111,589	345,051.6	2.47
June	6,769	4,087,989	332,538.8	1.66
July	6,175	4,258,537	356,602.8	1.45
August	8,795	4,319,518	357,495.5	2.04
September	10,420	4,240,440	344,621.2	2.46

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
October	12,042	4,304,563	355,600.4	2.80
November	11,977	4,224,302	343,425.5	2.84
December	10,496	4,646,202	382,056.0	2.26
2008				
January	10,298	4,437,602	366,077.3	2.32
February	10,288	4,344,347	341,231.6	2.37
March	8,921	4,351,840	365,253.8	2.05
April	9,775	4,347,298	353,133.3	2.25
May	9,461	4,325,249	363,098.2	2.19
June	6,427	4,281,230	348,579.1	1.50
July	13,412	8,812,976	727,742.5	1.52
August	17,354	8,981,697	740,545.2	1.93
September	22,531	8,790,450	713,709.5	2.56
October	25,210	8,931,496	736,224.0	2.82
November	22,881	8,752,620	710,814.0	2.61
December	22,316	8,991,028	736,272.0	2.48
2009				
January	19,324	8,311,441	683,580.0	2.32
February	20,663	8,103,040	614,248.1	2.55
March	20,712	8,100,100	678,413.9	2.56
April	19,490	8,067,031	655,070.2	2.42
May	17,573	8,046,237	674,824.4	2.18
June	13,925	7,978,200	648,783.7	1.75
July	12,299	8,559,872	714,887.0	1.44
August	16,454	8,661,182	716,259.8	1.90
September	22,790	8,480,926	689,030.4	2.69
October	25,675	8,559,674	707,877.6	3.00
November	21,045	8,386,231	681,936.5	2.51
December	18,220	8,565,248	703,874.7	2.13
2010				
January	15,569	7,769,845	640,874.2	2.00
February	16,389	7,600,536	576,308.5	2.16
March	17,592	7,595,630	636,750.0	2.32
April	16,672	7,558,124	614,113.8	2.21
May	13,866	7,511,209	630,990.8	1.85
June	10,953	7,460,456	606,675.3	1.47
July	9,878	7,927,227	662,781.5	1.25
August	13,039	8,007,435	663,053.9	1.63
September	15,547	7,830,750	636,779.3	1.99
October	16,271	7,913,906	654,463.5	2.06
November	16,360	7,767,201	631,908.8	2.11
December	14,865	7,971,606	654,603.2	1.86
2011				
January	13,864	7,278,497	600,702.8	1.90
February	14,580	7,125,462	541,196.8	2.05
March	15,938	7,150,059	599,539.9	2.23
April	14,303	7,135,573	580,020.6	2.00
May	14,277	7,110,017	597,006.5	2.01
June	9,846	7,057,074	574,276.3	1.40
July	8,577	7,401,297	619,386.2	1.16
August	12,193	7,494,598	619,810.0	1.63
September	13,403	7,344,868	597,305.0	1.82
October	14,743	7,432,737	614,859.9	1.98
November	15,695	7,307,153	594,145.4	2.15
December	14,517	7,489,775	615,435.7	1.94
2012				
January	13,235	6,834,366	563,503.9	1.94
February	13,346	6,700,251	526,785.8	1.99
March	13,125	6,719,573	563,810.1	1.95
April	12,279	6,707,342	545,632.7	1.83
May	11,726	6,687,046	561,743.3	1.75
June	8,271	6,636,599	540,260.8	1.25

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
July	9,513	7,316,144	612,766.6	1.30
August	13,079	7,410,572	612,938.5	1.76
September	13,450	7,255,430	590,150.0	1.85
October	14,488	7,349,047	607,447.7	1.97
November	14,030	7,207,514	586,800.8	1.95
December	14,060	7,393,578	607,404.0	1.90
2013				
January	11,755	6,938,879	572,474.2	1.69
February	10,065	6,797,846	516,635.7	1.48
March	10,498	6,817,268	572,172.9	1.54
April	8,126	6,798,890	553,283.9	1.20
May	5,280	6,782,599	569,937.7	0.78
June	3,423	6,737,231	548,785.1	0.51
July	1,393	7,149,555	597,830.5	0.19
August	234	7,218,561	597,741.1	0.03
September	2	7,070,380	575,625.6	0.00
October	0	7,161,839	593,207.5	0.00
November	0	7,043,241	573,219.1	0.00
December	0	7,258,072	591,495.3	0.00
2014				
January	0	6,661,500	550,392.2	0.00
February	0	6,550,043	497,721.5	0.00
March	0	6,572,244	551,884.3	0.00
April	0	6,584,673	535,297.0	0.00
May	0	6,571,477	551,877.4	0.00
June	0	6,583,853	535,639.0	0.00
July	0	7,134,897	596,125.3	0.00
August	0	7,175,456	591,312.3	0.00
September	0	7,011,413	570,099.4	0.00
October	0	7,162,414	591,009.3	0.00
November	0	7,038,577	572,829.3	0.00
December	0	7,183,663	590,217.7	0.00
2015				
January	0	6,040,627	498,225.9	0.00
February	0	5,851,900	444,387.6	0.00
March	0	5,885,886	493,710.8	0.00
Entire History Prior Exclusionary Period				
2004				
January	15,360	2,129,366	178,809.2	7.21
February	14,311	2,108,582	165,769.3	6.79
March	13,980	2,095,474	175,820.6	6.67
April	10,526	2,073,625	168,679.9	5.08
May	9,573	2,060,121	173,277.0	4.65
June	6,241	2,051,450	166,948.9	3.04
July	4,833	2,046,813	172,134.4	2.36
August	6,306	2,042,585	171,705.3	3.09
September	7,155	2,039,122	165,918.9	3.51
October	8,043	2,041,698	171,599.9	3.94
November	8,003	2,025,107	164,907.4	3.95
December	6,943	2,011,750	169,319.1	3.45
2005				
January	7,475	2,054,117	172,733.2	3.64
February	7,586	2,046,018	155,568.8	3.71
March	8,113	2,045,910	172,057.4	3.97
April	7,416	2,037,501	165,904.8	3.64
May	7,396	2,033,792	171,134.2	3.64
June	4,936	2,027,842	165,149.7	2.43
July	3,587	2,038,492	171,580.8	1.76
August	4,406	2,044,526	172,059.0	2.16
September	5,342	2,054,876	167,310.2	2.60
October	5,892	2,066,677	173,945.3	2.85
November	5,818	2,068,239	168,518.4	2.81

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
2006				
December	5,474	2,041,633	171,914.8	2.68
January	21,890	4,987,401	418,740.7	4.39
February	18,749	4,962,205	376,843.7	3.78
March	18,450	4,952,811	415,951.7	3.73
April	14,194	4,939,509	402,015.6	2.87
May	17,598	4,938,010	413,992.4	3.56
June	10,976	4,911,051	399,419.8	2.23
July	8,248	4,910,985	412,675.7	1.68
August	10,996	4,907,157	412,007.8	2.24
September	12,426	4,905,058	398,689.6	2.53
October	14,376	5,008,021	420,290.6	2.87
November	14,387	4,980,314	405,179.9	2.89
December	12,626	4,961,756	417,357.8	2.54
2007				
January	13,216	4,984,054	418,708.2	2.65
February	11,992	4,962,704	376,980.6	2.42
March	11,833	4,951,983	416,219.7	2.39
April	10,337	4,943,854	402,339.5	2.09
May	10,273	4,936,316	414,986.6	2.08
June	7,911	5,340,371	434,426.7	1.48
July	6,706	5,327,071	447,834.6	1.26
August	9,296	5,332,917	447,414.2	1.74
September	10,646	5,322,447	432,772.5	2.00
October	12,882	5,325,339	446,833.6	2.42
November	12,819	5,311,176	432,238.0	2.41
December	10,752	5,299,775	445,438.8	2.03
2008				
January	41,131	10,744,530	898,408.5	3.83
February	34,520	10,638,331	836,396.0	3.24
March	28,609	10,602,367	890,808.9	2.70
April	28,220	10,544,539	857,273.2	2.68
May	25,398	10,480,956	880,662.0	2.42
June	17,148	10,420,660	847,801.1	1.65
July	14,896	10,406,381	874,439.2	1.43
August	17,888	10,401,493	873,645.8	1.72
September	22,533	10,375,310	843,709.8	2.17
October	24,338	10,336,745	868,810.9	2.35
November	21,625	10,283,904	837,482.3	2.10
December	20,914	10,238,519	860,888.3	2.04
2009				
January	22,125	10,266,936	860,730.6	2.15
February	23,187	10,149,848	771,111.4	2.28
March	22,554	10,081,739	847,321.7	2.24
April	20,849	10,007,078	814,633.9	2.08
May	18,555	9,950,260	836,887.2	1.86
June	14,679	9,895,722	805,705.4	1.48
July	12,048	9,837,201	827,362.1	1.22
August	15,679	9,816,134	825,085.0	1.60
September	21,866	9,775,523	795,521.5	2.24
October	24,840	9,717,328	817,263.3	2.56
November	20,747	9,657,792	786,828.7	2.15
December	18,128	9,607,586	808,909.9	1.89
2010				
January	18,877	9,366,060	785,757.1	2.02
February	19,435	9,289,219	705,544.0	2.09
March	20,514	9,251,932	777,820.6	2.22
April	19,120	9,193,906	748,676.5	2.08
May	15,845	9,158,680	770,805.8	1.73
June	12,477	9,142,927	744,072.8	1.36
July	10,385	9,117,628	767,166.9	1.14
August	13,298	9,115,717	766,647.6	1.46

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
September	16,116	9,086,024	739,388.0	1.77
October	16,879	9,043,901	760,988.8	1.87
November	17,064	9,007,228	733,996.7	1.89
December	15,306	8,979,956	756,169.5	1.70
2011				
January	17,107	8,717,515	731,836.6	1.96
February	17,400	8,651,402	657,975.4	2.01
March	18,782	8,637,458	726,311.7	2.17
April	16,404	8,601,890	700,145.9	1.91
May	16,362	8,582,600	721,732.2	1.91
June	11,286	8,554,682	696,377.1	1.32
July	9,052	8,522,536	716,872.1	1.06
August	12,716	8,537,218	717,124.2	1.49
September	14,212	8,539,124	694,426.2	1.66
October	15,708	8,518,790	716,492.6	1.84
November	16,389	8,487,391	691,232.8	1.93
December	15,184	8,454,251	711,715.2	1.80
2012				
January	18,479	8,663,747	727,533.7	2.13
February	18,148	8,604,101	677,529.6	2.11
March	17,056	8,582,883	722,061.0	1.99
April	15,696	8,549,098	696,085.1	1.84
May	14,505	8,527,588	717,393.5	1.70
June	10,308	8,505,014	692,509.5	1.21
July	10,326	8,442,486	710,274.3	1.22
August	13,818	8,454,612	710,818.5	1.63
September	14,270	8,449,657	687,271.8	1.69
October	15,176	8,433,302	709,025.9	1.80
November	14,681	8,394,190	684,326.9	1.75
December	14,662	8,367,118	705,040.5	1.75
2013				
January	15,087	8,405,705	706,430.8	1.79
February	12,668	8,342,363	634,895.3	1.52
March	12,857	8,319,714	700,529.1	1.55
April	9,602	8,282,983	675,202.5	1.16
May	5,967	8,272,501	696,662.1	0.72
June	3,771	8,261,309	673,554.0	0.46
July	1,476	8,313,480	699,746.8	0.18
August	241	8,314,608	699,868.9	0.03
September	2	8,311,525	677,696.2	0.00
October	0	8,323,308	701,297.3	0.00
November	0	8,311,892	678,236.8	0.00
December	0	8,328,875	701,215.4	0.00
2014				
January	0	8,396,137	707,163.8	0.00
February	0	8,376,121	638,154.4	0.00
March	0	8,371,501	705,541.6	0.00
April	0	8,399,604	685,188.1	0.00
May	0	8,412,941	709,099.5	0.00
June	0	8,407,298	685,736.2	0.00
July	0	8,394,688	707,297.5	0.00
August	0	8,339,448	699,925.0	0.00
September	0	8,314,880	678,069.3	0.00
October	0	8,316,202	700,904.2	0.00
November	0	8,304,628	677,947.9	0.00
December	0	8,307,729	700,715.6	0.00
2015				
January	0	7,778,206	655,192.4	0.00
February	0	7,686,175	585,729.0	0.00
March	0	7,722,960	651,004.5	0.00

3 years (1,095 days) Minimum Enrollment after Index Date

No Exclusion Criteria

2004

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
January	13,849	2,137,187	179,537.0	6.48
February	12,814	2,118,047	166,589.3	6.05
March	12,518	2,106,564	176,828.0	5.94
April	9,430	2,086,268	169,765.9	4.52
May	8,533	2,073,950	174,500.4	4.11
June	5,554	2,066,375	168,209.5	2.69
July	4,308	2,062,423	173,483.0	2.09
August	5,566	2,058,766	173,109.3	2.70
September	6,281	2,056,079	167,345.0	3.05
October	7,093	2,059,583	173,161.1	3.44
November	7,084	2,043,976	166,499.2	3.47
December	6,130	2,031,563	171,041.6	3.02
2005				
January	6,562	2,074,675	174,515.2	3.16
February	6,651	2,067,538	157,257.2	3.22
March	7,085	2,068,416	174,013.8	3.43
April	6,467	2,061,080	167,882.7	3.14
May	6,414	2,058,387	173,268.6	3.12
June	4,343	2,053,439	167,278.4	2.11
July	3,165	2,064,645	173,819.6	1.53
August	3,867	2,071,089	174,334.9	1.87
September	4,633	2,081,945	169,564.3	2.23
October	5,129	2,094,538	176,343.6	2.45
November	5,027	2,096,908	170,911.3	2.40
December	4,780	2,071,077	174,447.8	2.31
2006				
January	17,493	5,017,489	421,525.0	3.49
February	15,267	4,997,525	379,699.7	3.05
March	14,994	4,991,770	419,412.7	3.00
April	11,480	4,981,926	405,615.4	2.30
May	14,374	4,983,036	417,967.0	2.88
June	8,975	4,958,979	403,522.8	1.81
July	6,767	4,961,566	417,248.2	1.36
August	9,019	4,961,403	416,711.3	1.82
September	10,011	4,961,025	403,426.2	2.02
October	11,564	5,066,821	425,402.8	2.28
November	11,592	5,041,457	410,499.6	2.30
December	10,277	5,027,490	423,031.6	2.04
2007				
January	10,789	5,049,533	424,378.2	2.14
February	10,019	5,030,284	382,263.3	1.99
March	9,768	5,021,476	422,206.5	1.95
April	8,566	5,014,943	408,248.8	1.71
May	8,521	5,008,675	421,207.2	1.70
June	6,454	5,413,950	440,534.3	1.19
July	5,525	5,401,399	454,190.4	1.02
August	7,638	5,407,891	453,831.8	1.41
September	8,939	5,398,522	439,075.3	1.66
October	10,475	5,402,910	453,531.7	1.94
November	10,312	5,390,892	438,893.7	1.91
December	8,706	5,381,866	452,483.8	1.62
2008				
January	30,952	10,826,856	905,870.6	2.86
February	26,418	10,730,233	844,043.3	2.46
March	21,821	10,702,445	899,613.7	2.04
April	21,782	10,651,199	866,533.0	2.05
May	19,598	10,596,446	890,730.5	1.85
June	13,405	10,540,946	857,831.9	1.27
July	11,423	10,528,748	885,171.8	1.08
August	13,784	10,529,021	884,686.4	1.31
September	17,343	10,506,388	854,679.2	1.65
October	18,907	10,471,771	880,481.2	1.81

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
November	16,792	10,422,854	849,222.8	1.61
December	16,199	10,383,005	873,313.8	1.56
2009				
January	17,099	10,404,786	872,607.6	1.64
February	17,915	10,291,096	782,116.3	1.74
March	17,363	10,226,830	859,808.7	1.70
April	16,229	10,155,352	826,973.4	1.60
May	14,471	10,101,568	849,895.0	1.43
June	11,538	10,049,531	818,452.9	1.15
July	9,540	9,992,047	840,580.7	0.95
August	12,227	9,972,122	838,429.6	1.23
September	16,943	9,933,500	808,659.7	1.71
October	19,099	9,878,753	831,177.9	1.93
November	16,169	9,823,666	800,641.7	1.65
December	14,071	9,776,830	823,432.2	1.44
2010				
January	15,231	9,531,055	799,860.6	1.60
February	15,577	9,456,132	718,442.3	1.65
March	16,488	9,420,337	792,245.6	1.75
April	15,328	9,363,531	762,720.4	1.64
May	12,829	9,329,466	785,400.6	1.38
June	10,040	9,314,033	758,162.7	1.08
July	8,488	9,286,608	781,544.5	0.91
August	10,893	9,283,446	780,938.3	1.17
September	13,053	9,252,549	753,142.7	1.41
October	13,601	9,209,650	775,147.7	1.48
November	13,825	9,173,314	747,748.4	1.51
December	12,318	9,146,911	770,433.4	1.35
2011				
January	13,504	8,860,871	744,054.5	1.52
February	13,633	8,794,972	669,095.0	1.55
March	14,763	8,782,431	738,746.4	1.68
April	12,969	8,747,925	712,241.4	1.48
May	12,889	8,729,561	734,324.4	1.48
June	8,865	8,702,291	708,552.7	1.02
July	7,227	8,667,640	729,217.8	0.83
August	9,865	8,681,964	729,458.9	1.14
September	11,041	8,683,546	706,363.5	1.27
October	12,089	8,663,168	728,853.8	1.40
November	12,731	8,632,950	703,312.0	1.47
December	11,737	8,601,220	724,302.7	1.36
2012				
January	13,063	8,792,473	738,624.6	1.49
February	12,665	8,735,627	688,165.3	1.45
March	11,963	8,717,732	733,683.2	1.37
April	7,895	8,686,593	707,664.5	0.91
May	5,253	8,670,744	729,913.2	0.61
June	3,411	8,654,991	705,066.5	0.39
July	1,284	8,594,299	723,473.6	0.15
August	231	8,613,132	724,760.3	0.03
September	0	8,619,200	701,702.6	0.00
October	0	8,614,545	725,003.0	0.00
November	0	8,588,090	700,805.4	0.00
December	0	8,573,769	723,177.2	0.00
2013				
January	0	8,616,260	724,843.7	0.00
February	0	8,565,333	652,430.8	0.00
March	0	8,552,992	720,835.8	0.00
April	0	8,526,534	695,547.1	0.00
May	0	8,523,569	718,202.0	0.00
June	0	8,515,815	694,577.6	0.00
July	0	8,568,644	721,407.8	0.00

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
August	0	8,568,804	721,408.7	0.00
September	0	8,563,401	698,349.9	0.00
October	0	8,572,719	722,428.8	0.00
November	0	8,559,070	698,508.8	0.00
December	0	8,573,886	721,947.8	0.00
2014				
January	0	8,626,808	726,705.4	0.00
February	0	8,604,580	655,643.1	0.00
March	0	8,597,731	724,710.2	0.00
April	0	8,623,502	703,545.8	0.00
May	0	8,634,654	727,882.0	0.00
June	0	8,626,497	703,713.0	0.00
July	0	8,610,455	725,574.9	0.00
August	0	8,550,970	717,805.9	0.00
September	0	8,523,370	695,163.4	0.00
October	0	8,522,102	718,344.1	0.00
November	0	8,508,148	694,640.8	0.00
December	0	8,508,498	717,726.0	0.00
2015				
January	0	7,941,181	669,001.5	0.00
February	0	7,845,607	597,938.2	0.00
March	0	7,880,847	664,381.3	0.00
183 Day Prior Exclusionary Period				
2004				
January	6,467	1,692,150	140,458.4	3.82
February	7,315	1,671,989	131,055.2	4.38
March	8,089	1,675,776	140,069.3	4.83
April	6,746	1,671,838	135,471.2	4.04
May	6,670	1,669,497	139,824.2	4.00
June	4,603	1,667,159	135,268.0	2.76
July	3,948	1,806,536	151,153.8	2.19
August	5,331	1,819,907	151,249.5	2.93
September	6,303	1,796,228	145,842.0	3.51
October	7,191	1,814,508	150,468.8	3.96
November	7,317	1,779,468	144,553.4	4.11
December	6,242	1,806,416	149,050.8	3.46
2005				
January	6,171	1,769,553	146,988.6	3.49
February	6,407	1,745,725	132,434.6	3.67
March	6,779	1,748,831	146,621.3	3.88
April	6,109	1,747,281	141,879.7	3.50
May	6,062	1,744,080	146,413.1	3.48
June	4,096	1,732,123	140,959.9	2.36
July	3,052	1,797,109	150,577.3	1.70
August	3,782	1,827,735	151,601.9	2.07
September	4,586	1,812,289	147,377.2	2.53
October	4,984	1,839,967	152,771.0	2.71
November	4,947	1,822,610	148,209.1	2.71
December	4,670	1,841,767	151,661.3	2.54
2006				
January	4,548	1,797,564	149,387.5	2.53
February	5,029	1,774,711	134,834.3	2.83
March	5,338	1,783,065	149,558.4	2.99
April	4,524	1,786,129	145,255.2	2.53
May	6,749	1,790,611	149,395.6	3.77
June	3,716	1,768,834	143,864.9	2.10
July	6,195	4,235,403	342,167.0	1.46
August	8,786	4,294,964	355,244.4	2.05
September	10,003	4,229,503	343,343.1	2.37
October	11,505	4,293,805	354,755.4	2.68
November	11,976	4,217,704	342,313.9	2.84
December	10,631	4,306,883	354,544.9	2.47

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
2007				
January	10,047	4,113,920	340,586.4	2.44
February	9,359	4,042,104	306,600.4	2.32
March	9,380	4,052,757	339,643.0	2.31
April	8,504	4,131,882	335,499.1	2.06
May	8,424	4,128,988	346,386.0	2.04
June	5,644	4,106,833	333,957.7	1.37
July	5,183	4,278,584	358,180.5	1.21
August	7,359	4,341,433	359,205.2	1.70
September	8,574	4,263,493	346,372.0	2.01
October	9,837	4,328,626	357,477.9	2.27
November	9,746	4,248,529	345,281.5	2.29
December	8,550	4,670,544	384,002.8	1.83
2008				
January	8,485	4,461,218	367,961.2	1.90
February	8,545	4,367,870	342,987.0	1.96
March	7,394	4,376,345	367,196.5	1.69
April	8,124	4,373,186	355,106.5	1.86
May	7,790	4,352,852	365,266.5	1.79
June	5,347	4,309,949	350,801.4	1.24
July	10,326	8,842,965	730,134.6	1.17
August	13,504	9,013,460	743,064.9	1.50
September	17,504	8,822,903	716,228.6	1.98
October	19,749	8,964,950	738,870.7	2.20
November	17,865	8,786,301	713,418.1	2.03
December	17,420	9,024,778	738,973.4	1.93
2009				
January	15,145	8,342,793	686,055.2	1.82
February	16,204	8,135,718	616,554.8	1.99
March	16,216	8,134,892	681,104.5	1.99
April	15,322	8,104,375	657,873.4	1.89
May	13,848	8,086,558	677,953.4	1.71
June	10,995	8,020,531	652,017.8	1.37
July	9,777	8,604,281	718,390.7	1.14
August	12,832	8,709,600	720,023.4	1.47
September	17,729	8,531,643	692,864.2	2.08
October	19,785	8,612,057	711,941.9	2.30
November	16,443	8,439,057	685,975.9	1.95
December	14,145	8,618,770	708,138.9	1.64
2010				
January	12,698	7,819,851	644,878.7	1.62
February	13,303	7,651,667	579,961.1	1.74
March	14,225	7,649,691	640,964.4	1.86
April	13,499	7,616,428	618,496.9	1.77
May	11,318	7,572,895	635,870.7	1.49
June	8,910	7,524,612	611,628.9	1.18
July	8,052	7,993,612	668,097.1	1.01
August	10,724	8,076,840	668,583.0	1.33
September	12,669	7,901,849	642,261.6	1.60
October	13,190	7,986,226	660,192.3	1.65
November	13,297	7,839,576	637,515.2	1.70
December	12,000	8,043,762	660,410.4	1.49
2011				
January	11,011	7,340,723	605,722.8	1.50
February	11,511	7,187,218	545,694.2	1.60
March	12,743	7,212,848	604,544.9	1.77
April	11,437	7,198,860	584,905.7	1.59
May	11,364	7,174,145	602,144.9	1.58
June	7,836	7,121,660	579,309.3	1.10
July	6,842	7,465,746	624,556.1	0.92
August	9,505	7,561,335	625,101.6	1.26
September	10,444	7,412,286	602,505.5	1.41

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
October	11,425	7,500,617	620,260.4	1.52
November	12,174	7,374,943	599,397.6	1.65
December	11,213	7,557,150	620,844.1	1.48
2012				
January	9,339	6,886,878	567,724.3	1.36
February	9,249	6,752,281	530,697.8	1.37
March	9,161	6,772,256	568,003.2	1.35
April	5,955	6,760,649	549,742.3	0.88
May	4,101	6,741,876	566,109.9	0.61
June	2,531	6,692,456	544,589.4	0.38
July	1,195	7,372,569	617,270.4	0.16
August	246	7,470,180	617,629.8	0.03
September	0	7,316,412	594,823.8	0.00
October	0	7,413,231	612,446.6	0.00
November	0	7,274,982	591,934.6	0.00
December	0	7,463,843	612,949.9	0.00
2013				
January	0	7,006,870	577,760.4	0.00
February	0	6,871,580	521,804.3	0.00
March	0	6,900,450	578,524.8	0.00
April	0	6,890,146	560,152.6	0.00
May	0	6,883,469	577,756.2	0.00
June	0	6,847,784	557,138.3	0.00
July	0	7,268,803	607,218.6	0.00
August	0	7,346,855	607,815.2	0.00
September	0	7,204,492	585,907.7	0.00
October	0	7,301,157	604,235.2	0.00
November	0	7,184,153	584,181.5	0.00
December	0	7,399,321	602,901.0	0.00
2014				
January	0	6,792,922	561,086.1	0.00
February	0	6,680,044	507,307.3	0.00
March	0	6,701,704	562,422.1	0.00
April	0	6,713,223	545,418.5	0.00
May	0	6,699,415	562,286.2	0.00
June	0	6,710,258	545,660.5	0.00
July	0	7,261,272	606,459.1	0.00
August	0	7,300,699	601,451.4	0.00
September	0	7,134,071	579,748.2	0.00
October	0	7,283,393	600,818.5	0.00
November	0	7,157,041	582,184.6	0.00
December	0	7,300,005	599,700.6	0.00
2015				
January	0	6,135,144	505,932.7	0.00
February	0	5,943,962	451,169.0	0.00
March	0	5,977,400	501,156.8	0.00
Entire History Prior Exclusionary Period				
2004				
January	13,547	2,129,366	178,878.9	6.36
February	12,587	2,110,391	165,984.4	5.96
March	12,337	2,099,001	176,189.2	5.88
April	9,275	2,078,785	169,152.5	4.46
May	8,422	2,066,518	173,870.0	4.08
June	5,462	2,058,972	167,600.7	2.65
July	4,240	2,055,091	172,860.1	2.06
August	5,496	2,051,435	172,485.9	2.68
September	6,200	2,048,751	166,743.2	3.03
October	7,008	2,052,257	172,536.7	3.41
November	6,990	2,036,656	165,896.5	3.43
December	6,051	2,024,280	170,420.9	2.99
2005				
January	6,490	2,067,488	173,902.9	3.14

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
February	6,595	2,060,312	156,700.8	3.20
March	7,026	2,061,150	173,394.5	3.41
April	6,421	2,053,781	167,279.2	3.13
May	6,378	2,051,005	172,636.9	3.11
June	4,318	2,046,013	166,667.0	2.11
July	3,144	2,057,221	173,185.8	1.53
August	3,831	2,063,620	173,698.1	1.86
September	4,594	2,074,450	168,941.8	2.21
October	5,094	2,086,909	175,690.1	2.44
November	4,986	2,089,167	170,269.4	2.39
December	4,740	2,063,311	173,782.3	2.30
2006				
January	17,436	5,009,717	420,810.3	3.48
February	15,197	4,988,727	379,007.9	3.05
March	14,921	4,982,568	418,614.7	2.99
April	11,423	4,972,366	404,818.4	2.30
May	14,290	4,973,236	417,106.2	2.87
June	8,914	4,948,790	402,591.2	1.80
July	6,706	4,950,082	416,038.1	1.35
August	8,927	4,946,996	415,455.4	1.80
September	9,938	4,946,233	402,148.0	2.01
October	11,473	5,051,129	424,040.6	2.27
November	11,478	5,025,388	408,986.6	2.28
December	10,183	5,008,875	421,444.3	2.03
2007				
January	10,666	5,031,159	422,787.2	2.12
February	9,740	5,011,559	380,801.2	1.94
March	9,650	5,002,379	420,568.9	1.93
April	8,499	4,995,670	406,656.7	1.70
May	8,448	4,989,347	419,552.5	1.69
June	6,396	5,394,503	438,920.2	1.19
July	5,455	5,381,820	452,515.1	1.01
August	7,554	5,388,213	452,155.6	1.40
September	8,551	5,378,778	437,465.8	1.59
October	10,372	5,383,253	451,820.1	1.93
November	10,211	5,370,723	437,223.0	1.90
December	8,617	5,361,402	450,738.6	1.61
2008				
January	30,825	10,806,669	904,049.5	2.85
February	26,294	10,709,385	842,341.3	2.46
March	21,721	10,680,704	897,723.7	2.03
April	21,583	10,628,677	864,415.1	2.03
May	19,455	10,570,291	888,484.8	1.84
June	13,246	10,514,469	855,643.1	1.26
July	11,296	10,502,257	882,684.7	1.08
August	13,690	10,499,437	882,097.1	1.30
September	17,202	10,475,815	852,139.7	1.64
October	18,768	10,440,850	877,840.1	1.80
November	16,669	10,391,741	846,517.9	1.60
December	16,066	10,349,755	870,492.6	1.55
2009				
January	16,977	10,372,799	869,873.8	1.64
February	17,797	10,258,875	779,640.3	1.73
March	17,235	10,194,389	857,054.7	1.69
April	16,108	10,122,962	824,305.7	1.59
May	14,357	10,069,190	847,135.7	1.43
June	11,444	10,017,280	815,795.6	1.14
July	9,462	9,959,941	837,849.6	0.95
August	12,116	9,939,963	835,695.2	1.22
September	16,830	9,901,390	806,016.3	1.70
October	18,984	9,846,676	828,446.1	1.93
November	16,033	9,791,555	797,988.0	1.64

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
December	13,957	9,744,687	820,692.4	1.43
2010				
January	15,117	9,500,793	797,291.3	1.59
February	15,479	9,425,737	716,123.7	1.64
March	16,350	9,390,214	789,686.4	1.74
April	15,231	9,333,488	760,245.4	1.63
May	12,739	9,299,493	782,848.1	1.37
June	9,954	9,284,009	755,708.4	1.07
July	8,413	9,256,971	779,022.5	0.91
August	10,814	9,253,872	778,423.5	1.17
September	12,944	9,223,079	750,714.5	1.40
October	13,496	9,180,387	772,656.9	1.47
November	13,693	9,144,057	745,333.9	1.50
December	12,222	9,117,552	767,929.7	1.34
2011				
January	13,402	8,833,365	741,716.9	1.52
February	13,520	8,767,452	666,977.1	1.54
March	14,658	8,754,892	736,401.0	1.67
April	12,896	8,720,346	709,970.9	1.48
May	12,808	8,701,984	731,976.5	1.47
June	8,802	8,674,786	706,295.9	1.01
July	7,176	8,640,486	726,910.2	0.83
August	9,801	8,654,773	727,156.2	1.13
September	10,948	8,656,575	704,146.0	1.26
October	11,987	8,636,341	726,570.8	1.39
November	12,637	8,606,209	701,106.8	1.47
December	11,653	8,574,457	722,020.4	1.36
2012				
January	12,999	8,767,996	736,528.6	1.48
February	12,607	8,711,074	686,202.0	1.45
March	11,892	8,692,991	731,573.6	1.37
April	7,852	8,661,738	705,611.7	0.91
May	5,233	8,645,741	727,781.6	0.61
June	3,390	8,629,961	703,004.7	0.39
July	1,282	8,569,590	721,367.4	0.15
August	231	8,588,279	722,642.2	0.03
September	0	8,594,298	699,648.2	0.00
October	0	8,589,541	722,872.9	0.00
November	0	8,563,039	698,733.6	0.00
December	0	8,548,543	721,022.0	0.00
2013				
January	0	8,591,929	722,761.7	0.00
February	0	8,540,732	650,532.9	0.00
March	0	8,528,380	718,733.1	0.00
April	0	8,501,816	693,506.0	0.00
May	0	8,498,748	716,082.5	0.00
June	0	8,490,900	692,518.2	0.00
July	0	8,543,642	719,280.5	0.00
August	0	8,543,760	719,272.0	0.00
September	0	8,538,277	696,273.9	0.00
October	0	8,547,512	720,276.6	0.00
November	0	8,533,702	696,409.0	0.00
December	0	8,548,289	719,768.8	0.00
2014				
January	0	8,602,525	724,622.3	0.00
February	0	8,579,945	653,740.4	0.00
March	0	8,572,856	722,585.0	0.00
April	0	8,598,427	701,472.8	0.00
May	0	8,609,392	725,725.4	0.00
June	0	8,601,134	701,614.8	0.00
July	0	8,585,064	723,407.1	0.00
August	0	8,526,253	715,699.8	0.00

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
September	0	8,498,576	693,115.5	0.00
October	0	8,497,204	716,217.6	0.00
November	0	8,483,126	692,569.9	0.00
December	0	8,483,332	715,575.1	0.00
2015				
January	0	7,926,291	667,715.6	0.00
February	0	7,830,584	596,771.2	0.00
March	0	7,865,587	663,071.2	0.00
5 years (1,826 days) Minimum Enrollment after Index Date				
No Exclusion Criteria				
<i>2004</i>				
January	10,901	2,137,187	179,652.1	5.10
February	10,218	2,120,989	166,930.2	4.82
March	9,925	2,112,092	177,406.8	4.70
April	7,469	2,094,370	170,507.3	3.57
May	6,709	2,083,982	175,434.5	3.22
June	4,406	2,078,194	169,227.7	2.12
July	3,414	2,075,339	174,612.8	1.65
August	4,312	2,072,523	174,324.2	2.08
September	4,895	2,071,042	168,623.0	2.36
October	5,515	2,075,864	174,605.6	2.66
November	5,616	2,061,746	168,019.5	2.72
December	4,783	2,050,717	172,722.5	2.33
2005				
January	5,141	2,095,083	176,297.2	2.45
February	5,247	2,089,253	158,973.9	2.51
March	5,645	2,091,453	176,023.3	2.70
April	5,105	2,085,453	169,932.3	2.45
May	5,031	2,084,002	175,497.9	2.41
June	3,427	2,080,296	169,518.0	1.65
July	2,514	2,092,278	176,186.6	1.20
August	3,037	2,099,234	176,751.6	1.45
September	3,661	2,110,787	171,962.4	1.73
October	4,043	2,124,191	178,899.3	1.90
November	3,947	2,127,528	173,465.0	1.86
December	3,779	2,102,637	177,162.5	1.80
2006				
January	11,891	5,049,884	424,493.7	2.35
February	10,642	5,035,351	382,769.2	2.11
March	10,517	5,034,050	423,179.5	2.09
April	8,236	5,028,482	409,561.5	1.64
May	10,422	5,032,625	422,346.1	2.07
June	6,471	5,012,290	407,992.8	1.29
July	4,830	5,017,112	422,026.1	0.96
August	6,436	5,018,608	421,655.1	1.28
September	7,023	5,020,534	408,412.3	1.40
October	8,144	5,129,032	430,804.0	1.59
November	8,158	5,106,804	415,998.5	1.60
December	7,303	5,095,969	428,959.5	1.43
2007				
January	7,512	5,120,674	430,533.3	1.47
February	6,992	5,104,300	388,049.2	1.37
March	6,870	5,098,060	428,810.2	1.35
April	6,044	5,093,829	414,817.1	1.19
May	6,023	5,089,474	428,155.4	1.18
June	4,359	5,496,488	447,381.1	0.79
July	3,701	5,485,131	461,352.5	0.67
August	5,121	5,492,674	461,099.2	0.93
September	6,058	5,484,933	446,278.1	1.10
October	7,086	5,491,536	461,156.7	1.29
November	7,006	5,481,886	446,483.2	1.28
December	6,031	5,475,455	460,513.1	1.10
2008				

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
January	20,137	10,921,170	914,258.3	1.84
February	17,177	10,833,722	852,604.1	1.59
March	14,278	10,814,276	909,399.0	1.32
April	14,357	10,769,611	876,523.4	1.33
May	12,964	10,721,246	901,589.0	1.21
June	8,894	10,671,273	868,698.4	0.83
July	7,629	10,662,328	896,628.0	0.72
August	9,123	10,665,339	896,404.3	0.86
September	11,392	10,646,222	866,361.2	1.07
October	12,442	10,616,325	892,980.0	1.17
November	10,979	10,572,571	861,737.0	1.04
December	10,757	10,537,455	886,609.5	1.02
2009				
January	11,101	10,561,890	886,132.4	1.05
February	11,586	10,452,769	794,717.0	1.11
March	11,240	10,393,464	874,151.1	1.08
April	10,800	10,326,387	841,198.0	1.05
May	9,653	10,276,632	864,930.5	0.94
June	7,527	10,227,816	833,229.0	0.74
July	6,342	10,172,250	855,955.9	0.62
August	7,897	10,153,877	853,973.3	0.78
September	10,955	10,117,870	823,987.0	1.08
October	12,393	10,067,231	847,408.0	1.23
November	10,450	10,017,051	816,735.9	1.04
December	9,178	9,974,314	840,356.9	0.92
2010				
January	8,735	9,725,778	816,582.7	0.90
February	8,997	9,655,471	733,932.9	0.93
March	9,445	9,624,297	809,802.4	0.98
April	6,325	9,572,273	780,166.0	0.66
May	3,754	9,545,232	804,065.7	0.39
June	2,928	9,536,868	776,706.1	0.31
July	1,352	9,513,861	801,061.2	0.14
August	217	9,515,622	801,006.8	0.02
September	7	9,493,163	773,341.1	0.00
October	0	9,460,725	796,958.6	0.00
November	0	9,435,702	769,838.1	0.00
December	0	9,421,000	794,164.1	0.00
2011				
January	0	9,137,947	768,027.6	0.00
February	0	9,082,744	691,619.1	0.00
March	0	9,081,451	764,670.2	0.00
April	0	9,058,689	738,225.5	0.00
May	0	9,050,471	762,061.3	0.00
June	0	9,032,799	735,993.3	0.00
July	0	9,002,178	757,818.2	0.00
August	0	9,020,713	758,509.3	0.00
September	0	9,028,286	735,004.4	0.00
October	0	9,015,152	759,138.0	0.00
November	0	8,993,553	733,390.0	0.00
December	0	8,971,530	756,143.0	0.00
2012				
January	0	9,150,932	769,462.9	0.00
February	0	9,103,245	717,778.6	0.00
March	0	9,094,386	766,054.0	0.00
April	0	9,071,499	739,520.8	0.00
May	0	9,059,919	763,079.7	0.00
June	0	9,045,386	737,180.0	0.00
July	0	8,981,216	756,273.4	0.00
August	0	8,997,562	757,302.6	0.00
September	0	8,999,612	732,860.5	0.00
October	0	8,990,813	756,831.2	0.00

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
November	0	8,960,273	731,295.5	0.00
December	0	8,942,316	754,378.1	0.00
2013				
January	0	8,968,551	754,609.3	0.00
February	0	8,912,705	678,997.4	0.00
March	0	8,896,677	749,922.5	0.00
April	0	8,866,175	723,369.9	0.00
May	0	8,859,884	746,666.5	0.00
June	0	8,848,408	721,824.5	0.00
July	0	8,896,566	749,144.5	0.00
August	0	8,893,143	748,855.6	0.00
September	0	8,884,020	724,610.5	0.00
October	0	8,889,778	749,260.7	0.00
November	0	8,872,666	724,198.2	0.00
December	0	8,884,262	748,189.3	0.00
2014				
January	0	8,915,577	751,128.2	0.00
February	0	8,889,909	677,462.6	0.00
March	0	8,879,678	748,571.7	0.00
April	0	8,902,233	726,372.4	0.00
May	0	8,910,250	751,207.5	0.00
June	0	8,898,760	726,014.1	0.00
July	0	8,878,633	748,267.7	0.00
August	0	8,813,690	739,971.7	0.00
September	0	8,781,995	716,341.4	0.00
October	0	8,777,288	739,939.0	0.00
November	0	8,760,339	715,297.0	0.00
December	0	8,757,422	738,790.7	0.00
2015				
January	0	8,148,215	686,502.1	0.00
February	0	8,047,334	613,361.6	0.00
March	0	8,080,342	681,262.6	0.00
183 Day Prior Exclusionary Period				
2004				
January	5,103	1,692,150	140,458.4	3.02
February	5,906	1,671,989	131,055.2	3.53
March	6,418	1,675,776	140,069.3	3.83
April	5,398	1,671,838	135,471.2	3.23
May	5,272	1,669,497	139,824.2	3.16
June	3,714	1,667,159	135,268.0	2.23
July	3,169	1,807,405	151,185.7	1.75
August	4,166	1,821,932	151,374.3	2.29
September	4,995	1,799,509	146,055.6	2.78
October	5,674	1,818,841	150,780.7	3.12
November	5,850	1,784,808	144,936.8	3.28
December	4,949	1,812,312	149,509.4	2.73
2005				
January	4,950	1,775,894	147,485.1	2.79
February	5,177	1,752,636	132,917.3	2.95
March	5,482	1,756,531	147,212.3	3.12
April	4,908	1,756,084	142,526.4	2.79
May	4,837	1,753,865	147,171.8	2.76
June	3,289	1,742,827	141,771.8	1.89
July	2,466	1,808,805	151,494.1	1.36
August	2,973	1,840,752	152,622.9	1.62
September	3,673	1,826,449	148,455.4	2.01
October	3,965	1,855,157	153,963.9	2.14
November	3,913	1,838,691	149,440.7	2.13
December	3,739	1,858,390	152,995.6	2.01
2006				
January	3,635	1,814,332	150,750.7	2.00
February	4,031	1,791,716	136,075.9	2.25

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
March	4,291	1,800,630	150,958.4	2.38
April	3,632	1,804,298	146,655.7	2.01
May	5,466	1,809,444	150,892.1	3.02
June	3,011	1,788,046	145,362.2	1.68
July	4,492	4,255,198	343,763.0	1.06
August	6,380	4,315,899	356,914.8	1.48
September	7,073	4,251,266	345,025.1	1.66
October	8,195	4,316,170	356,549.9	1.90
November	8,530	4,241,058	344,109.1	2.01
December	7,652	4,330,413	356,448.2	1.77
2007				
January	7,275	4,138,281	342,540.5	1.76
February	6,794	4,067,550	308,428.3	1.67
March	6,803	4,080,054	341,782.8	1.67
April	6,152	4,161,134	337,723.2	1.48
May	6,092	4,160,747	348,878.9	1.46
June	4,047	4,140,663	336,557.1	0.98
July	3,661	4,314,286	361,033.1	0.85
August	5,054	4,379,922	362,251.1	1.15
September	5,942	4,303,729	349,459.0	1.38
October	6,867	4,370,156	360,769.6	1.57
November	6,749	4,290,624	348,527.0	1.57
December	5,995	4,712,609	387,395.4	1.27
2008				
January	6,090	4,502,789	371,311.2	1.35
February	6,069	4,409,717	346,123.6	1.38
March	5,337	4,419,487	370,642.6	1.21
April	5,799	4,418,040	358,548.8	1.31
May	5,594	4,399,704	368,982.0	1.27
June	3,839	4,358,024	354,548.2	0.88
July	7,063	8,892,629	734,113.5	0.79
August	9,210	9,065,663	747,226.5	1.02
September	11,743	8,876,052	720,363.6	1.32
October	13,188	9,019,519	743,213.2	1.46
November	11,862	8,841,247	717,683.5	1.34
December	11,736	9,079,662	743,396.9	1.29
2009				
January	10,200	8,397,613	690,458.7	1.21
February	10,845	8,192,358	620,624.5	1.32
March	10,830	8,194,351	685,789.6	1.32
April	10,483	8,167,732	662,708.3	1.28
May	9,491	8,154,285	683,296.2	1.16
June	7,395	8,091,204	657,494.0	0.91
July	6,612	8,678,347	724,305.1	0.76
August	8,350	8,789,097	726,294.1	0.95
September	11,579	8,614,529	699,208.6	1.34
October	12,918	8,697,160	718,630.6	1.49
November	10,741	8,524,119	692,548.9	1.26
December	9,326	8,704,662	715,045.4	1.07
2010				
January	7,270	7,903,557	651,638.7	0.92
February	7,730	7,737,196	586,131.4	1.00
March	8,129	7,739,213	648,025.9	1.05
April	5,642	7,711,323	625,713.3	0.73
May	3,478	7,672,096	643,786.1	0.45
June	2,636	7,626,629	619,575.9	0.35
July	1,260	8,099,300	676,559.4	0.16
August	194	8,187,983	677,446.4	0.02
September	8	8,017,109	651,150.8	0.00
October	0	8,106,395	669,665.7	0.00
November	0	7,963,030	647,018.4	0.00
December	0	8,169,472	670,494.5	0.00

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
2011				
January	0	7,464,861	615,693.0	0.00
February	0	7,316,129	554,969.4	0.00
March	0	7,349,939	615,326.4	0.00
April	0	7,344,443	596,001.6	0.00
May	0	7,328,485	614,390.5	0.00
June	0	7,283,614	591,846.9	0.00
July	0	7,635,162	638,092.0	0.00
August	0	7,742,211	639,399.4	0.00
September	0	7,601,661	617,059.2	0.00
October	0	7,697,845	635,919.1	0.00
November	0	7,577,459	615,062.3	0.00
December	0	7,762,418	637,369.3	0.00
2012				
January	0	7,082,765	583,590.0	0.00
February	0	6,951,819	545,727.6	0.00
March	0	6,977,727	584,424.6	0.00
April	0	6,972,300	566,147.0	0.00
May	0	6,961,864	583,718.3	0.00
June	0	6,919,632	562,288.5	0.00
July	0	7,604,542	636,035.3	0.00
August	0	7,712,822	637,040.5	0.00
September	0	7,564,038	614,063.0	0.00
October	0	7,663,385	632,582.8	0.00
November	0	7,524,111	611,516.4	0.00
December	0	7,710,749	633,049.7	0.00
2013				
January	0	7,241,456	596,921.3	0.00
February	0	7,102,625	538,885.0	0.00
March	0	7,130,495	597,280.3	0.00
April	0	7,118,030	578,187.1	0.00
May	0	7,109,949	596,233.5	0.00
June	0	7,073,099	575,012.0	0.00
July	0	7,493,574	625,644.4	0.00
August	0	7,572,354	626,197.5	0.00
September	0	7,427,403	603,547.6	0.00
October	0	7,522,312	622,249.2	0.00
November	0	7,401,905	601,431.9	0.00
December	0	7,613,549	620,461.7	0.00
2014				
January	0	6,988,961	577,181.5	0.00
February	0	6,873,630	521,673.8	0.00
March	0	6,893,811	578,154.2	0.00
April	0	6,903,607	560,503.0	0.00
May	0	6,888,457	577,746.8	0.00
June	0	6,896,387	560,499.2	0.00
July	0	7,446,184	621,655.2	0.00
August	0	7,482,935	616,272.0	0.00
September	0	7,312,304	593,852.3	0.00
October	0	7,459,218	615,148.2	0.00
November	0	7,329,456	595,864.7	0.00
December	0	7,469,842	613,597.9	0.00
2015				
January	0	6,271,260	517,075.6	0.00
February	0	6,076,253	460,953.6	0.00
March	0	6,108,911	511,908.7	0.00
Entire History Prior Exclusionary Period				
2004				
January	10,650	2,129,366	178,992.0	5.00
February	10,031	2,113,280	166,318.9	4.75
March	9,777	2,104,425	176,757.6	4.65
April	7,335	2,086,748	169,881.2	3.52

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
May	6,620	2,076,385	174,788.9	3.19
June	4,330	2,070,597	168,602.3	2.09
July	3,360	2,067,794	173,971.2	1.62
August	4,255	2,064,960	173,680.3	2.06
September	4,838	2,063,462	167,999.4	2.34
October	5,445	2,068,254	173,956.2	2.63
November	5,539	2,054,123	167,391.0	2.70
December	4,719	2,043,110	172,073.3	2.31
2005				
January	5,088	2,087,547	175,654.2	2.44
February	5,197	2,081,650	158,388.0	2.50
March	5,597	2,083,794	175,370.2	2.69
April	5,071	2,077,744	169,294.6	2.44
May	5,004	2,076,195	174,829.4	2.41
June	3,408	2,072,430	168,870.0	1.64
July	2,497	2,084,402	175,513.9	1.20
August	3,005	2,091,300	176,075.2	1.44
September	3,631	2,102,819	171,300.5	1.73
October	4,013	2,116,072	178,203.9	1.90
November	3,912	2,119,286	172,781.1	1.85
December	3,752	2,094,353	176,452.5	1.79
2006				
January	11,848	5,041,580	423,732.3	2.35
February	10,594	5,025,983	382,032.4	2.11
March	10,463	5,024,239	422,328.1	2.08
April	8,196	5,018,271	408,710.0	1.63
May	10,359	5,022,148	421,425.9	2.06
June	6,428	5,001,387	406,998.8	1.29
July	4,788	5,004,849	420,743.0	0.96
August	6,368	5,003,322	420,322.1	1.27
September	6,967	5,004,813	407,055.0	1.39
October	8,073	5,112,357	429,356.6	1.58
November	8,071	5,089,710	414,395.2	1.59
December	7,227	5,076,227	427,275.1	1.42
2007				
January	7,442	5,101,137	428,839.6	1.46
February	6,849	5,084,335	386,481.3	1.35
March	6,787	5,077,557	427,050.6	1.34
April	5,991	5,073,103	413,104.5	1.18
May	5,964	5,068,674	426,373.3	1.18
June	4,318	5,475,535	445,641.8	0.79
July	3,655	5,464,016	459,544.8	0.67
August	5,060	5,471,430	459,289.1	0.92
September	5,833	5,463,616	444,526.3	1.07
October	7,011	5,470,132	459,292.8	1.28
November	6,935	5,459,908	444,660.5	1.27
December	5,969	5,453,117	458,606.2	1.09
2008				
January	20,051	10,899,099	912,274.4	1.84
February	17,095	10,811,119	850,760.2	1.58
March	14,206	10,790,722	907,352.0	1.32
April	14,231	10,745,218	874,223.2	1.32
May	12,864	10,692,837	899,148.6	1.20
June	8,799	10,642,492	866,316.2	0.83
July	7,555	10,633,459	893,923.4	0.71
August	9,053	10,633,159	893,591.8	0.85
September	11,292	10,613,003	863,601.9	1.06
October	12,344	10,582,701	890,107.6	1.17
November	10,891	10,538,701	858,799.3	1.03
December	10,667	10,501,335	883,542.6	1.02
2009				
January	11,014	10,527,018	883,151.5	1.05

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
February	11,503	10,417,610	792,014.7	1.10
March	11,148	10,358,033	871,142.1	1.08
April	10,704	10,290,969	838,279.6	1.04
May	9,571	10,241,176	861,907.6	0.93
June	7,462	10,192,458	830,315.5	0.73
July	6,282	10,137,031	852,960.2	0.62
August	7,822	10,118,595	850,972.8	0.77
September	10,876	10,082,616	821,084.0	1.08
October	12,310	10,031,975	844,405.2	1.23
November	10,352	9,981,735	813,817.6	1.04
December	9,097	9,938,954	837,342.3	0.92
2010				
January	8,695	9,692,332	813,741.2	0.90
February	8,963	9,621,808	731,363.5	0.93
March	9,393	9,590,895	806,961.3	0.98
April	6,306	9,538,874	777,411.8	0.66
May	3,741	9,511,815	801,217.7	0.39
June	2,907	9,503,323	773,962.1	0.31
July	1,347	9,480,683	798,236.2	0.14
August	217	9,482,451	798,183.0	0.02
September	7	9,460,023	770,606.1	0.00
October	0	9,427,711	794,143.8	0.00
November	0	9,402,577	767,098.7	0.00
December	0	9,387,612	791,313.3	0.00
2011				
January	0	9,106,427	765,346.7	0.00
February	0	9,051,125	689,182.5	0.00
March	0	9,049,695	761,961.2	0.00
April	0	9,026,778	735,595.8	0.00
May	0	9,018,495	759,336.5	0.00
June	0	9,000,827	733,367.3	0.00
July	0	8,970,527	755,127.9	0.00
August	0	8,988,987	755,821.0	0.00
September	0	8,996,777	732,410.8	0.00
October	0	8,983,710	756,458.7	0.00
November	0	8,962,101	730,793.9	0.00
December	0	8,939,976	753,448.8	0.00
2012				
January	0	9,122,094	766,994.3	0.00
February	0	9,074,363	715,469.1	0.00
March	0	9,065,266	763,568.9	0.00
April	0	9,042,179	737,099.1	0.00
May	0	9,030,421	760,565.4	0.00
June	0	9,015,854	734,747.3	0.00
July	0	8,952,047	753,789.1	0.00
August	0	8,968,273	754,807.6	0.00
September	0	8,970,296	730,443.8	0.00
October	0	8,961,413	754,329.6	0.00
November	0	8,930,867	728,865.8	0.00
December	0	8,912,758	751,855.0	0.00
2013				
January	0	8,940,082	752,176.7	0.00
February	0	8,884,009	676,785.3	0.00
March	0	8,867,975	747,473.5	0.00
April	0	8,837,406	720,995.8	0.00
May	0	8,831,028	744,205.3	0.00
June	0	8,819,480	719,435.8	0.00
July	0	8,867,589	746,680.5	0.00
August	0	8,864,141	746,383.2	0.00
September	0	8,854,970	722,212.4	0.00
October	0	8,860,654	746,776.7	0.00
November	0	8,843,410	721,779.3	0.00

Table 5: Summary of Asthma Patients in the Sentinel Distributed Database (SDD) between January 1, 2004 and March 31, 2015, by Exclusion Criteria, Minimum Enrollment Post-Encounter, and Year/Month*

	Asthma Patients	Eligible Members	Member-Years	Asthma Patients/ 1K Eligible Members
2014				
December	0	8,854,797	745,682.9	0.00
January	0	8,887,681	748,738.8	0.00
February	0	8,861,674	675,284.5	0.00
March	0	8,851,225	746,142.9	0.00
April	0	8,873,594	724,006.7	0.00
May	0	8,881,431	748,748.9	0.00
June	0	8,869,865	723,626.4	0.00
July	0	8,849,751	745,804.3	0.00
August	0	8,785,611	737,581.1	0.00
September	0	8,753,856	714,019.5	0.00
October	0	8,749,084	737,532.0	0.00
November	0	8,732,023	712,956.0	0.00
December	0	8,728,990	736,362.9	0.00
2015				
January	0	8,131,257	685,040.9	0.00
February	0	8,030,276	612,038.5	0.00
March	0	8,063,064	679,781.3	0.00

* The "183 Day Prior Exclusionary Period" reflects incident asthma diagnoses with a 183-day washout period and 183 days of enrollment prior to the diagnosis. The other groups reflect prevalent asthma diagnoses and do not require enrollment prior to the diagnosis.

Appendix A: Available Data for Each Data Partner up to Request End Date (March 31, 2015)

DP ID	Start Date	End Date
DP0001	1/1/2000	12/31/2014
DP0002	1/1/2000	4/30/2014
DP0003	1/1/2006	3/31/2015
DP0004	1/1/2008	3/31/2015
DP0005	1/1/2004	10/31/2014
DP0006	1/1/2000	3/31/2015
DP0007	1/1/2000	2/28/2015
DP0008	1/1/2005	3/31/2015
DP0009	1/1/2008	3/31/2015
DP0010	1/1/2000	3/31/2015
DP0011	1/1/2000	6/30/2012
DP0012	1/1/2000	7/31/2014
DP0013	1/1/2000	3/31/2015
DP0014	1/1/2000	3/31/2015
DP0015	6/1/2007	3/31/2015

Appendix B: Algorithm and International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) Codes Used to Define Asthma in this Request

An asthma diagnosis was considered if any criteria A, B, or C are met. If more than one criterion was met, the first to occur was used as the index date.

Criteria A: at least one hospitalization with a primary ICD-9 CM code of 493.xx.

Criteria B: at least one emergency department visit with ICD-9 CM code of 493.xx.

Criteria C: at least two office visits with ICD-9 CM code of 493.xx. The two office visits must occur within 90 days of each other. The first office diagnosis to occur will be the index date for C.

Appendix C: International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) Diagnosis Codes Used to Define Exclusions in this Request

Code	CodeType	Description
491	ICD-9 Diagnosis	chronic obstructive pulmonary disease (COPD)
492	ICD-9 Diagnosis	chronic obstructive pulmonary disease (COPD)
496	ICD-9 Diagnosis	chronic obstructive pulmonary disease (COPD)
277.0x	ICD-9 Diagnosis	cystic fibrosis
494	ICD-9 Diagnosis	bronchiectasis
416	ICD-9 Diagnosis	pulmonary hypertension or embolism
415.1	ICD-9 Diagnosis	pulmonary hypertension or embolism
770.7	ICD-9 Diagnosis	bronchopulmonary dysplasia
428	ICD-9 Diagnosis	congestive heart failure

Appendix D: Specifications for Query ID cder_mpl1r_wp013 - Report 2 of 3

The Center for Drug Evaluation and Research (CDER) has requested execution of the Cohort Identification and Descriptive Analysis (CIDA) tool, version 2.0, to investigate enrollment episode lengths in the pediatric population in the Sentinel Distributed Database (SDD). See Appendix B for specific algorithm used to identify asthma patients and Appendix C for exclusion criteria.

Query Period January 1, 2004 to March 31, 2015
Age Stratifications 0 to < 1 month, 1 month to <2 yrs, 2 yrs to <5 yrs, 5 yrs to <11 yrs, 11 yrs to <18 yrs
Enrollment Gap 45 days
Coverage Requirement: Medical and Drug Coverage

Scenario	Pre-Index Enrollment (days)	Exposure/Index Date					Inclusion/Exclusion Criteria*			
		Index Date	Care Setting	Incident w/ respect to:	Washout (days)	Cohort Definition	Minimum Enrollment after Index	Pre-existing Condition	Inclusion/Exclusion	Time Window
1	0	Asthma	Any	N/A	0	01	0 days	Dummy	Exclusion	0, 0
2	0	Asthma	Any	N/A	0	01	3 months (90 days)	Dummy	Exclusion	0, 90
3	0	Asthma	Any	N/A	0	01	6 months (183 days)	Dummy	Exclusion	0, 183
4	0	Asthma	Any	N/A	0	01	9 months (270 days)	Dummy	Exclusion	0, 270
5	0	Asthma	Any	N/A	0	01	1 year (365 days)	Dummy	Exclusion	0, 365
6	0	Asthma	Any	N/A	0	01	2 years (730 days)	Dummy	Exclusion	0, 730
7	0	Asthma	Any	N/A	0	01	3 years (1,095 days)	Dummy	Exclusion	0, 1095
8	0	Asthma	Any	N/A	0	01	5 years (1,826 days)	Dummy	Exclusion	0, 1826
9	183	Asthma	Any	Asthma	183	01	0 days	Dummy	Exclusion	0, 0
								Asthma exclusion criteria	Exclusion	-183, -1
10	183	Asthma	Any	Asthma	183	01	3 months (90 days)	Dummy	Exclusion	0, 90
								Asthma exclusion criteria	Exclusion	-183, -1
11	183	Asthma	Any	Asthma	183	01	6 months (183 days)	Dummy	Exclusion	0, 183
								Asthma exclusion criteria	Exclusion	-183, -1
12	183	Asthma	Any	Asthma	183	01	9 months (270 days)	Dummy	Exclusion	0, 270
								Asthma exclusion criteria	Exclusion	-183, -1
13	183	Asthma	Any	Asthma	183	01	1 year (365 days)	Dummy	Exclusion	0, 365
								Asthma exclusion criteria	Exclusion	-183, -1
14	183	Asthma	Any	Asthma	183	01	2 years (730 days)	Dummy	Exclusion	0, 730
								Asthma exclusion criteria	Exclusion	-183, -1
15	183	Asthma	Any	Asthma	183	01	3 years (1,095 days)	Dummy	Exclusion	0, 1095
								Asthma exclusion criteria	Exclusion	-183, -1
16	183	Asthma	Any	Asthma	183	01	5 years (1,826 days)	Dummy	Exclusion	0, 1826
								Asthma exclusion criteria	Exclusion	-183, -1
17	0	Asthma	Any	Asthma	0	01	0 days	Dummy	Exclusion	0, 0
								Asthma exclusion criteria	Exclusion	-∞, -1
18	0	Asthma	Any	Asthma	0	01	3 months (90 days)	Dummy	Exclusion	0, 90
								Asthma exclusion criteria	Exclusion	-∞, -1
19	0	Asthma	Any	Asthma	0	01	6 months (183 days)	Dummy	Exclusion	0, 183
								Asthma exclusion criteria	Exclusion	-∞, -1
20	0	Asthma	Any	Asthma	0	01	9 months (270 days)	Dummy	Exclusion	0, 270
								Asthma exclusion criteria	Exclusion	-∞, -1
21	0	Asthma	Any	Asthma	0	01	1 year (365 days)	Dummy	Exclusion	0, 365
								Asthma exclusion criteria	Exclusion	-∞, -1
22	0	Asthma	Any	Asthma	0	01	2 years (730 days)	Dummy	Exclusion	0, 730
								Asthma exclusion criteria	Exclusion	-∞, -1
23	0	Asthma	Any	Asthma	0	01	3 years (1,095 days)	Dummy	Exclusion	0, 1095
								Asthma exclusion criteria	Exclusion	-∞, -1
24	0	Asthma	Any	Asthma	0	01	5 years (1,826 days)	Dummy	Exclusion	0, 1826
								Asthma exclusion criteria	Exclusion	-∞, -1

*Because exclusion criteria requires enrollment, an exclusion of a dummy pre-existing condition will be used to identify the minimum enrollment span after index.