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

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

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

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

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Overview for Request cder_mpl1r_wp257

Request ID: cder_mpl1r_wp257

Request Description: In this report, we characterized prevalence of the 29 selected health conditions among eligible individuals with childbearing potential from October 1, 2015 to September 30, 2023, stratified by age group and calendar year in the Sentinel Distributed Database (SDD).

Sentinel Routine Querying Module: Cohort Identification and Descriptive Analysis (CIDA) module, version 12.2.2

Data Source: We distributed this request to 13 Sentinel Data Partners (DP) on February 16, 2024. The study period included available data from October 1, 2015 to September 30, 2023. Please see Appendix A for a list of dates of available data for each Data Partner.

Study Design: We identified episodes with evidence of the 29 selected health conditions among the individuals with childbearing potential aged ten to 54 years old. In the main analysis, we identified the first valid episode of a particular health condition among eligible individuals (i.e., without cohort re-entry). In the stratified analyses by age group and calendar year, we identified the first valid episode of a particular health condition among eligible individuals within the evaluated stratum regardless of the presence of that condition in the previous strata (i.e. we allowed cohort re-entry from one stratum to others, and within each stratum, we selected the first valid episode). For example, using yearly strata as an example, if an individual had two episodes of depression in the year 2015 and one episode of depression in the year 2016, that individual was counted as having depression once in the year 2015 and once in the year 2016. This was a Type 1 analysis in the Query Request Package (QRP) documentation.

Events of Interest: Our exposure of interest was 29 selected health conditions which were defined using International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) diagnosis codes. We adapted the Centers for Medicare and Medicaid Services' (CMS) Chronic Conditions Data Warehouse (CCW)¹ algorithms to define our selected conditions: depression, anxiety disorder, attention deficit hyperactivity disorders, personality disorders, schizophrenia and other psychotic disorders, bipolar disorders, post-traumatic stress disorder, epilepsy/convulsions, migraine/headache, pain conditions, multiple sclerosis, Alzheimer's disease, non-Alzheimer's dementia, Parkinson's disease and secondary Parkinsonism, asthma, pulmonary embolism, chronic obstructive pulmonary disease, hypertension, acute myocardial infarction, atrial fibrillation and flutter, heart failure and non-ischemic heart disease, ischemic heart disease, stroke/transient ischemic attack, hyperlipidemia, obesity, overweight, diabetes type 1, diabetes type 2, and chronic kidney disease. For example, an individual was considered as having depression if that person had at least one related diagnosis in inpatient (IP) claims or at least two diagnoses in non-inpatient claims (non-acute institutional stay (IS), ambulatory visit (AV), emergency department (ED), other ambulatory visit (OA) care) within 2 years. Also, an individual was not eligible to have a stroke/transient ischemic attack event on the same day or days in which that individual also had a stroke/transient ischemic attack excluding code. Please see Appendix B for a list of ICD-10-CM codes used to define the 29 selected health conditions, and Appendix C for a list of ICD-10-CM codes used to define the stroke/transient ischemic attack exclusion criterion in this request. Please refer to Appendix D and Appendix E for the specifications of parameters used to identify cohort-defining events of interest in this request.

Cohort Eligibility Criteria: Individuals were eligible for cohort entry if they were enrolled in health plans with medical and drug coverage for at least one day during the query period, had female sex, and had ages ten to 54 years old. A gap in coverage of up to 45 days was allowed and treated as continuous enrollment.

Baseline Characteristics: We ascertained the following demographic characteristics assessed on the cohort entry date for all cohort qualifying episodes: age, race, ethnicity, and calendar year.

Please refer to Appendix F for the design diagram in this request.

Limitations: Algorithms used to define the selected health conditions are imperfect; thus, it is possible that there may be misclassification. Therefore, data should be interpreted with this limitation in mind.

Overview for Request cder_mpl1r_wp257

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

¹Chronic Conditions Data Warehouse. Condition Categories -Chronic Conditions Data Warehouse.
<https://www.ccwdata.org/web/guest/condition-categories>

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

*all terms may not be used in this report

Table 1a. Characteristics of Individuals with Childbearing Potential with Depression in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023

Patient Characteristics	Number	Percent
Unique patients	11,387,275	N/A ¹
Demographic Characteristics	Mean	Standard Deviation
Age (years)	32.8	12.0
Age²	Number	Percent
10-14 years	1,022,012	9.0%
15-19 years	1,377,725	12.1%
20-24 years	1,153,830	10.1%
25-29 years	1,435,547	12.6%
30-34 years	1,385,972	12.2%
35-39 years	1,280,829	11.2%
40-44 years	1,158,302	10.2%
45-49 years	1,217,941	10.7%
50-54 years	1,355,117	11.9%
Race³		
American Indian or Alaska Native	118,650	1.0%
Asian	139,971	1.2%
Black or African American	1,083,797	9.5%
Multi-racial	123,443	1.1%
Native Hawaiian or Other Pacific Islander	21,633	0.2%
Unknown	5,821,645	51.1%
White	4,078,136	35.8%
Hispanic origin		
Yes	1,003,322	8.8%
No	4,897,584	43.0%
Unknown	5,486,369	48.2%
Year²		
2015	681,768	6.0%
2016	2,364,516	20.8%
2017	1,822,943	16.0%
2018	1,552,061	13.6%
2019	1,655,743	14.5%
2020	1,637,879	14.4%
2021	721,901	6.3%
2022	622,974	5.5%
2023	327,490	2.9%

¹N/A: Not Applicable

²The numbers presented by age and year represent the age group or year of the first captured event.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

Table 1b. Characteristics of Individuals with Childbearing Potential with Anxiety Disorder in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023

Patient Characteristics	Number	Percent
Unique patients	12,848,218	N/A ¹
Demographic Characteristics	Mean	Standard Deviation
Age (years)	33.3	11.7
Age²	Number	Percent
10-14 years	931,989	7.3%
15-19 years	1,342,153	10.4%
20-24 years	1,370,740	10.7%
25-29 years	1,754,906	13.7%
30-34 years	1,702,823	13.3%
35-39 years	1,550,056	12.1%
40-44 years	1,368,683	10.7%
45-49 years	1,371,340	10.7%
50-54 years	1,455,528	11.3%
Race³		
American Indian or Alaska Native	107,621	0.8%
Asian	135,587	1.1%
Black or African American	894,741	7.0%
Multi-racial	150,503	1.2%
Native Hawaiian or Other Pacific Islander	18,718	0.1%
Unknown	7,003,748	54.5%
White	4,537,300	35.3%
Hispanic origin		
Yes	914,733	7.1%
No	4,958,442	38.6%
Unknown	6,975,043	54.3%
Year²		
2015	576,273	4.5%
2016	2,404,076	18.7%
2017	1,970,987	15.3%
2018	1,707,079	13.3%
2019	1,793,388	14.0%
2020	1,896,269	14.8%
2021	979,664	7.6%
2022	996,589	7.8%
2023	523,893	4.1%

¹N/A: Not Applicable

²The numbers presented by age and year represent the age group or year of the first captured event.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

Table 1c. Characteristics of Individuals with Childbearing Potential with Attention Deficit Hyperactivity Disorders in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023

Patient Characteristics	Number	Percent
Unique patients	3,352,700	N/A ¹
Demographic Characteristics	Mean	Standard Deviation
Age (years)	25.5	11.5
Age²	Number	Percent
10-14 years	956,490	28.5%
15-19 years	492,631	14.7%
20-24 years	331,859	9.9%
25-29 years	398,072	11.9%
30-34 years	347,260	10.4%
35-39 years	278,465	8.3%
40-44 years	213,850	6.4%
45-49 years	182,034	5.4%
50-54 years	152,039	4.5%
Race³		
American Indian or Alaska Native	26,574	0.8%
Asian	24,604	0.7%
Black or African American	301,924	9.0%
Multi-racial	42,918	1.3%
Native Hawaiian or Other Pacific Islander	3,757	0.1%
Unknown	1,779,194	53.1%
White	1,173,729	35.0%
Hispanic origin		
Yes	236,586	7.1%
No	1,363,334	40.7%
Unknown	1,752,780	52.3%
Year²		
2015	187,686	5.6%
2016	792,526	23.6%
2017	480,873	14.3%
2018	395,009	11.8%
2019	429,614	12.8%
2020	428,888	12.8%
2021	224,909	6.7%
2022	268,912	8.0%
2023	144,283	4.3%

¹N/A: Not Applicable

²The numbers presented by age and year represent the age group or year of the first captured event.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

Table 1d. Characteristics of Individuals with Childbearing Potential with Personality Disorders in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023

Patient Characteristics	Number	Percent
Unique patients	574,101	N/A ¹
Demographic Characteristics	Mean	Standard Deviation
Age (years)	33.5	10.5
Age²	Number	Percent
10-14 years	15,571	2.7%
15-19 years	58,764	10.2%
20-24 years	84,300	14.7%
25-29 years	87,358	15.2%
30-34 years	78,915	13.7%
35-39 years	70,620	12.3%
40-44 years	60,260	10.5%
45-49 years	59,463	10.4%
50-54 years	58,850	10.3%
Race³		
American Indian or Alaska Native	7,535	1.3%
Asian	5,603	1.0%
Black or African American	53,178	9.3%
Multi-racial	4,766	0.8%
Native Hawaiian or Other Pacific Islander	833	0.1%
Unknown	197,771	34.4%
White	304,415	53.0%
Hispanic origin		
Yes	33,833	5.9%
No	354,783	61.8%
Unknown	185,485	32.3%
Year²		
2015	32,945	5.7%
2016	113,578	19.8%
2017	92,346	16.1%
2018	81,053	14.1%
2019	86,350	15.0%
2020	85,949	15.0%
2021	32,322	5.6%
2022	33,114	5.8%
2023	16,444	2.9%

¹N/A: Not Applicable

²The numbers presented by age and year represent the age group or year of the first captured event.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

Table 1e. Characteristics of Individuals with Childbearing Potential with Schizophrenia and other Psychotic Disorders in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023

Patient Characteristics	Number	Percent
Unique patients	1,004,688	N/A ¹
Demographic Characteristics	Mean	Standard Deviation
Age (years)	35.8	11.8
Age²	Number	Percent
10-14 years	58,955	5.9%
15-19 years	84,992	8.5%
20-24 years	90,767	9.0%
25-29 years	111,677	11.1%
30-34 years	116,740	11.6%
35-39 years	119,560	11.9%
40-44 years	117,366	11.7%
45-49 years	137,161	13.7%
50-54 years	167,470	16.7%
Race³		
American Indian or Alaska Native	14,336	1.4%
Asian	21,692	2.2%
Black or African American	235,422	23.4%
Multi-racial	4,670	0.5%
Native Hawaiian or Other Pacific Islander	2,698	0.3%
Unknown	302,251	30.1%
White	423,619	42.2%
Hispanic origin		
Yes	104,625	10.4%
No	682,257	67.9%
Unknown	217,806	21.7%
Year²		
2015	104,065	10.4%
2016	260,765	26.0%
2017	158,406	15.8%
2018	127,701	12.7%
2019	136,209	13.6%
2020	132,577	13.2%
2021	36,110	3.6%
2022	32,771	3.3%
2023	16,084	1.6%

¹N/A: Not Applicable

²The numbers presented by age and year represent the age group or year of the first captured event.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

Table 1f. Characteristics of Individuals with Childbearing Potential with Bipolar Disorder in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023

Patient Characteristics	Number	Percent
Unique patients	3,027,077	N/A ¹
Demographic Characteristics	Mean	Standard Deviation
Age (years)	33.5	11.6
Age²	Number	Percent
10-14 years	219,676	7.3%
15-19 years	306,535	10.1%
20-24 years	322,001	10.6%
25-29 years	399,888	13.2%
30-34 years	386,506	12.8%
35-39 years	366,942	12.1%
40-44 years	331,630	11.0%
45-49 years	339,040	11.2%
50-54 years	354,859	11.7%
Race³		
American Indian or Alaska Native	32,403	1.1%
Asian	26,957	0.9%
Black or African American	395,585	13.1%
Multi-racial	23,286	0.8%
Native Hawaiian or Other Pacific Islander	4,600	0.2%
Unknown	1,137,868	37.6%
White	1,406,378	46.5%
Hispanic origin		
Yes	234,164	7.7%
No	1,768,927	58.4%
Unknown	1,023,986	33.8%
Year²		
2015	256,715	8.5%
2016	734,458	24.3%
2017	480,247	15.9%
2018	378,924	12.5%
2019	402,147	13.3%
2020	413,624	13.7%
2021	142,108	4.7%
2022	143,456	4.7%
2023	75,398	2.5%

¹N/A: Not Applicable

²The numbers presented by age and year represent the age group or year of the first captured event.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

Table 1g. Characteristics of Individuals with Childbearing Potential with Post-Traumatic Stress Disorder in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023

Patient Characteristics	Number	Percent
Unique patients	2,442,102	N/A ¹
Demographic Characteristics	Mean	Standard Deviation
Age (years)	32.5	11.6
Age²	Number	Percent
10-14 years	211,033	8.6%
15-19 years	273,523	11.2%
20-24 years	262,527	10.8%
25-29 years	330,237	13.5%
30-34 years	324,335	13.3%
35-39 years	297,660	12.2%
40-44 years	255,808	10.5%
45-49 years	246,449	10.1%
50-54 years	240,530	9.8%
Race³		
American Indian or Alaska Native	42,883	1.8%
Asian	24,758	1.0%
Black or African American	258,505	10.6%
Multi-racial	25,180	1.0%
Native Hawaiian or Other Pacific Islander	5,659	0.2%
Unknown	988,223	40.5%
White	1,096,894	44.9%
Hispanic origin		
Yes	210,321	8.6%
No	1,351,217	55.3%
Unknown	880,564	36.1%
Year²		
2015	136,602	5.6%
2016	440,265	18.0%
2017	341,827	14.0%
2018	328,353	13.4%
2019	388,618	15.9%
2020	412,048	16.9%
2021	145,612	6.0%
2022	160,953	6.6%
2023	87,824	3.6%

¹N/A: Not Applicable

²The numbers presented by age and year represent the age group or year of the first captured event.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

Table 1h. Characteristics of Individuals with Childbearing Potential with Epilepsy/Convulsions in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023

Patient Characteristics	Number	Percent
Unique patients	968,516	N/A ¹
Demographic Characteristics	Mean	Standard Deviation
Age (years)	34.6	12.0
Age²	Number	Percent
10-14 years	86,882	9.0%
15-19 years	74,717	7.7%
20-24 years	92,733	9.6%
25-29 years	109,285	11.3%
30-34 years	111,670	11.5%
35-39 years	113,924	11.8%
40-44 years	111,773	11.5%
45-49 years	122,993	12.7%
50-54 years	144,539	14.9%
Race³		
American Indian or Alaska Native	10,654	1.1%
Asian	13,060	1.3%
Black or African American	142,480	14.7%
Multi-racial	5,585	0.6%
Native Hawaiian or Other Pacific Islander	2,019	0.2%
Unknown	363,136	37.5%
White	431,582	44.6%
Hispanic origin		
Yes	91,690	9.5%
No	571,921	59.1%
Unknown	304,905	31.5%
Year²		
2015	68,104	7.0%
2016	272,500	28.1%
2017	168,081	17.4%
2018	122,583	12.7%
2019	121,111	12.5%
2020	111,702	11.5%
2021	42,854	4.4%
2022	41,371	4.3%
2023	20,210	2.1%

¹N/A: Not Applicable

²The numbers presented by age and year represent the age group or year of the first captured event.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

Table 1i. Characteristics of Individuals with Childbearing Potential with Migraine/Headache in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023

Patient Characteristics	Number	Percent
Unique patients	4,283,057	N/A ¹
Demographic Characteristics	Mean	Standard Deviation
Age (years)	35.5	11.1
Age²	Number	Percent
10-14 years	187,744	4.4%
15-19 years	350,605	8.2%
20-24 years	373,769	8.7%
25-29 years	520,553	12.2%
30-34 years	575,702	13.4%
35-39 years	595,293	13.9%
40-44 years	573,937	13.4%
45-49 years	571,222	13.3%
50-54 years	534,232	12.5%
Race³		
American Indian or Alaska Native	30,695	0.7%
Asian	56,900	1.3%
Black or African American	365,089	8.5%
Multi-racial	47,717	1.1%
Native Hawaiian or Other Pacific Islander	8,459	0.2%
Unknown	2,384,938	55.7%
White	1,389,259	32.4%
Hispanic origin		
Yes	343,475	8.0%
No	1,612,833	37.7%
Unknown	2,326,749	54.3%
Year²		
2015	174,147	4.1%
2016	862,463	20.1%
2017	736,090	17.2%
2018	618,272	14.4%
2019	608,654	14.2%
2020	551,062	12.9%
2021	297,573	6.9%
2022	289,141	6.8%
2023	145,655	3.4%

¹N/A: Not Applicable

²The numbers presented by age and year represent the age group or year of the first captured event.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

Table 1j. Characteristics of Individuals with Childbearing Potential with Pain Conditions in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023

Patient Characteristics	Number	Percent
Unique patients	6,479,505	N/A ¹
Demographic Characteristics	Mean	Standard Deviation
Age (years)	40.3	10.4
Age²	Number	Percent
10-14 years	108,250	1.7%
15-19 years	227,667	3.5%
20-24 years	314,938	4.9%
25-29 years	537,110	8.3%
30-34 years	740,742	11.4%
35-39 years	900,545	13.9%
40-44 years	1,001,786	15.5%
45-49 years	1,195,692	18.5%
50-54 years	1,452,775	22.4%
Race³		
American Indian or Alaska Native	53,107	0.8%
Asian	94,614	1.5%
Black or African American	633,492	9.8%
Multi-racial	68,431	1.1%
Native Hawaiian or Other Pacific Islander	10,805	0.2%
Unknown	3,401,005	52.5%
White	2,218,051	34.2%
Hispanic origin		
Yes	391,411	6.0%
No	2,637,756	40.7%
Unknown	3,450,338	53.3%
Year²		
2015	448,170	6.9%
2016	1,382,431	21.3%
2017	1,065,289	16.4%
2018	874,558	13.5%
2019	828,941	12.8%
2020	758,444	11.7%
2021	459,318	7.1%
2022	442,821	6.8%
2023	219,533	3.4%

¹N/A: Not Applicable

²The numbers presented by age and year represent the age group or year of the first captured event.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

Table 1k. Characteristics of Individuals with Childbearing Potential with Multiple Sclerosis in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023

Patient Characteristics	Number	Percent
Unique patients	239,258	N/A ¹
Demographic Characteristics	Mean	Standard Deviation
Age (years)	41.8	8.8
Age²	Number	Percent
10-14 years	563	0.2%
15-19 years	2,898	1.2%
20-24 years	7,668	3.2%
25-29 years	18,513	7.7%
30-34 years	28,209	11.8%
35-39 years	36,761	15.4%
40-44 years	41,247	17.2%
45-49 years	48,923	20.4%
50-54 years	54,476	22.8%
Race³		
American Indian or Alaska Native	1,135	0.5%
Asian	1,486	0.6%
Black or African American	32,026	13.4%
Multi-racial	2,002	0.8%
Native Hawaiian or Other Pacific Islander	201	0.1%
Unknown	104,986	43.9%
White	97,422	40.7%
Hispanic origin		
Yes	12,171	5.1%
No	116,784	48.8%
Unknown	110,303	46.1%
Year²		
2015	36,422	15.2%
2016	61,856	25.9%
2017	32,453	13.6%
2018	24,327	10.2%
2019	25,141	10.5%
2020	24,193	10.1%
2021	14,277	6.0%
2022	13,701	5.7%
2023	6,888	2.9%

¹N/A: Not Applicable

²The numbers presented by age and year represent the age group or year of the first captured event.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

Table 1I. Characteristics of Individuals with Childbearing Potential with Alzheimer’s Disease in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023

Patient Characteristics	Number	Percent
Unique patients	9,677	N/A ¹
Demographic Characteristics	Mean	Standard Deviation
Age (years)	48.7	7.2
Age²	Number	Percent
10-14 years	33	0.3%
15-19 years	53	0.5%
20-24 years	116	1.2%
25-29 years	172	1.8%
30-34 years	253	2.6%
35-39 years	391	4.0%
40-44 years	835	8.6%
45-49 years	2,024	20.9%
50-54 years	5,800	59.9%
Race³		
American Indian or Alaska Native	79	0.8%
Asian	143	1.5%
Black or African American	1,362	14.1%
Multi-racial	17	0.2%
Native Hawaiian or Other Pacific Islander	23	0.2%
Unknown	2,245	23.2%
White	5,808	60.0%
Hispanic origin		
Yes	746	7.7%
No	7,193	74.3%
Unknown	1,738	18.0%
Year²		
2015	695	7.2%
2016	2,244	23.2%
2017	1,526	15.8%
2018	1,321	13.7%
2019	1,305	13.5%
2020	1,041	10.8%
2021	655	6.8%
2022	651	6.7%
2023	239	2.5%

¹N/A: Not Applicable

²The numbers presented by age and year represent the age group or year of the first captured event.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

Table 1m. Characteristics of Individuals with Childbearing Potential with Non-Alzheimer’s Dementia in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023

Patient Characteristics	Number	Percent
Unique patients	130,729	N/A ¹
Demographic Characteristics	Mean	Standard Deviation
Age (years)	42.6	10.9
Age²	Number	Percent
10-14 years	3,248	2.5%
15-19 years	5,688	4.4%
20-24 years	5,243	4.0%
25-29 years	7,262	5.6%
30-34 years	9,235	7.1%
35-39 years	11,913	9.1%
40-44 years	15,755	12.1%
45-49 years	25,373	19.4%
50-54 years	47,012	36.0%
Race³		
American Indian or Alaska Native	1,934	1.5%
Asian	2,084	1.6%
Black or African American	24,798	19.0%
Multi-racial	535	0.4%
Native Hawaiian or Other Pacific Islander	320	0.2%
Unknown	33,496	25.6%
White	67,562	51.7%
Hispanic origin		
Yes	8,799	6.7%
No	93,683	71.7%
Unknown	28,247	21.6%
Year²		
2015	7,001	5.4%
2016	27,701	21.2%
2017	25,885	19.8%
2018	16,987	13.0%
2019	17,787	13.6%
2020	17,566	13.4%
2021	7,987	6.1%
2022	7,150	5.5%
2023	2,665	2.0%

¹N/A: Not Applicable

²The numbers presented by age and year represent the age group or year of the first captured event.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

Table 1n. Characteristics of Individuals with Childbearing Potential with Parkinson’s Disease and Secondary Parkinsonism in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023

Patient Characteristics	Number	Percent
Unique patients	22,893	N/A ¹
Demographic Characteristics	Mean	Standard Deviation
Age (years)	46.9	8.0
Age²	Number	Percent
10-14 years	74	0.3%
15-19 years	187	0.8%
20-24 years	386	1.7%
25-29 years	605	2.6%
30-34 years	948	4.1%
35-39 years	1,610	7.0%
40-44 years	2,818	12.3%
45-49 years	5,220	22.8%
50-54 years	11,045	48.2%
Race³		
American Indian or Alaska Native	200	0.9%
Asian	542	2.4%
Black or African American	2,638	11.5%
Multi-racial	113	0.5%
Native Hawaiian or Other Pacific Islander	40	0.2%
Unknown	6,516	28.5%
White	12,844	56.1%
Hispanic origin		
Yes	1,449	6.3%
No	15,290	66.8%
Unknown	6,154	26.9%
Year²		
2015	1,664	7.3%
2016	5,118	22.4%
2017	3,502	15.3%
2018	2,900	12.7%
2019	3,002	13.1%
2020	2,676	11.7%
2021	1,734	7.6%
2022	1,611	7.0%
2023	686	3.0%

¹N/A: Not Applicable

²The numbers presented by age and year represent the age group or year of the first captured event.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

Table 1o. Characteristics of Individuals with Childbearing Potential with Asthma in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023

Patient Characteristics	Number	Percent
Unique patients	5,040,914	N/A ¹
Demographic Characteristics	Mean	Standard Deviation
Age (years)	32.3	12.6
Age²	Number	Percent
10-14 years	687,138	13.6%
15-19 years	513,229	10.2%
20-24 years	498,406	9.9%
25-29 years	575,610	11.4%
30-34 years	548,601	10.9%
35-39 years	524,754	10.4%
40-44 years	511,640	10.1%
45-49 years	559,460	11.1%
50-54 years	622,076	12.3%
Race³		
American Indian or Alaska Native	50,435	1.0%
Asian	75,349	1.5%
Black or African American	807,797	16.0%
Multi-racial	56,567	1.1%
Native Hawaiian or Other Pacific Islander	15,389	0.3%
Unknown	2,520,154	50.0%
White	1,515,223	30.1%
Hispanic origin		
Yes	563,178	11.2%
No	2,252,889	44.7%
Unknown	2,224,847	44.1%
Year²		
2015	212,605	4.2%
2016	1,180,870	23.4%
2017	964,570	19.1%
2018	733,657	14.6%
2019	690,187	13.7%
2020	629,241	12.5%
2021	256,416	5.1%
2022	247,792	4.9%
2023	125,576	2.5%

¹N/A: Not Applicable

²The numbers presented by age and year represent the age group or year of the first captured event.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

Table 1p. Characteristics of Individuals with Childbearing Potential with Pulmonary Embolism in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023

Patient Characteristics	Number	Percent
Unique patients	195,894	N/A ¹
Demographic Characteristics	Mean	Standard Deviation
Age (years)	40.6	9.6
Age²	Number	Percent
10-14 years	516	0.3%
15-19 years	3,975	2.0%
20-24 years	11,371	5.8%
25-29 years	19,582	10.0%
30-34 years	23,954	12.2%
35-39 years	27,106	13.8%
40-44 years	29,874	15.3%
45-49 years	35,991	18.4%
50-54 years	43,525	22.2%
Race³		
American Indian or Alaska Native	2,190	1.1%
Asian	1,851	0.9%
Black or African American	42,413	21.7%
Multi-racial	1,411	0.7%
Native Hawaiian or Other Pacific Islander	376	0.2%
Unknown	72,935	37.2%
White	74,718	38.1%
Hispanic origin		
Yes	13,030	6.7%
No	113,398	57.9%
Unknown	69,466	35.5%
Year²		
2015	7,091	3.6%
2016	33,054	16.9%
2017	31,420	16.0%
2018	28,917	14.8%
2019	31,336	16.0%
2020	32,075	16.4%
2021	14,871	7.6%
2022	11,946	6.1%
2023	5,184	2.6%

¹N/A: Not Applicable

²The numbers presented by age and year represent the age group or year of the first captured event.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

Table 1q. Characteristics of Individuals with Childbearing Potential with Chronic Obstructive Pulmonary Disease in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023

Patient Characteristics	Number	Percent
Unique patients	1,550,610	N/A ¹
Demographic Characteristics	Mean	Standard Deviation
Age (years)	43.4	10.2
Age²	Number	Percent
10-14 years	32,151	2.1%
15-19 years	40,052	2.6%
20-24 years	51,337	3.3%
25-29 years	75,947	4.9%
30-34 years	107,745	6.9%
35-39 years	151,410	9.8%
40-44 years	211,611	13.6%
45-49 years	330,340	21.3%
50-54 years	550,017	35.5%
Race³		
American Indian or Alaska Native	16,562	1.1%
Asian	16,540	1.1%
Black or African American	204,756	13.2%
Multi-racial	7,914	0.5%
Native Hawaiian or Other Pacific Islander	3,278	0.2%
Unknown	528,698	34.1%
White	772,862	49.8%
Hispanic origin		
Yes	97,616	6.3%
No	967,854	62.4%
Unknown	485,140	31.3%
Year²		
2015	110,143	7.1%
2016	385,011	24.8%
2017	298,232	19.2%
2018	225,396	14.5%
2019	218,037	14.1%
2020	163,408	10.5%
2021	61,157	3.9%
2022	59,492	3.8%
2023	29,734	1.9%

¹N/A: Not Applicable

²The numbers presented by age and year represent the age group or year of the first captured event.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

Table 1r. Characteristics of Individuals with Childbearing Potential with Hypertension in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023

Patient Characteristics	Number	Percent
Unique patients	7,416,204	N/A ¹
Demographic Characteristics	Mean	Standard Deviation
Age (years)	44.0	8.6
Age²	Number	Percent
10-14 years	32,017	0.4%
15-19 years	70,208	0.9%
20-24 years	162,551	2.2%
25-29 years	358,125	4.8%
30-34 years	611,249	8.2%
35-39 years	911,286	12.3%
40-44 years	1,224,228	16.5%
45-49 years	1,704,099	23.0%
50-54 years	2,342,441	31.6%
Race³		
American Indian or Alaska Native	56,408	0.8%
Asian	144,977	2.0%
Black or African American	1,249,721	16.9%
Multi-racial	64,102	0.9%
Native Hawaiian or Other Pacific Islander	19,970	0.3%
Unknown	3,853,457	52.0%
White	2,027,569	27.3%
Hispanic origin		
Yes	557,876	7.5%
No	3,112,943	42.0%
Unknown	3,745,385	50.5%
Year²		
2015	507,710	6.8%
2016	2,015,306	27.2%
2017	1,246,256	16.8%
2018	915,757	12.3%
2019	867,389	11.7%
2020	803,206	10.8%
2021	417,001	5.6%
2022	412,541	5.6%
2023	231,038	3.1%

¹N/A: Not Applicable

²The numbers presented by age and year represent the age group or year of the first captured event.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

Table 1s. Characteristics of Individuals with Childbearing Potential with Acute Myocardial Infarction in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023

Patient Characteristics	Number	Percent
Unique patients	174,042	N/A ¹
Demographic Characteristics	Mean	Standard Deviation
Age (years)	45.9	7.8
Age²	Number	Percent
10-14 years	91	0.1%
15-19 years	762	0.4%
20-24 years	2,733	1.6%
25-29 years	5,515	3.2%
30-34 years	10,067	5.8%
35-39 years	16,721	9.6%
40-44 years	27,095	15.6%
45-49 years	43,014	24.7%
50-54 years	68,044	39.1%
Race³		
American Indian or Alaska Native	2,328	1.3%
Asian	2,698	1.6%
Black or African American	37,861	21.8%
Multi-racial	818	0.5%
Native Hawaiian or Other Pacific Islander	631	0.4%
Unknown	57,854	33.2%
White	71,852	41.3%
Hispanic origin		
Yes	12,848	7.4%
No	110,804	63.7%
Unknown	50,390	29.0%
Year²		
2015	5,660	3.3%
2016	27,643	15.9%
2017	28,001	16.1%
2018	26,650	15.3%
2019	28,710	16.5%
2020	29,013	16.7%
2021	12,286	7.1%
2022	11,289	6.5%
2023	4,790	2.8%

¹N/A: Not Applicable

²The numbers presented by age and year represent the age group or year of the first captured event.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

Table 1t. Characteristics of Individuals with Childbearing Potential with Atrial Fibrillation and Flutter in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023

Patient Characteristics	Number	Percent
Unique patients	235,263	N/A ¹
Demographic Characteristics	Mean	Standard Deviation
Age (years)	45.9	8.2
Age²	Number	Percent
10-14 years	402	0.2%
15-19 years	1,563	0.7%
20-24 years	4,616	2.0%
25-29 years	8,941	3.8%
30-34 years	14,038	6.0%
35-39 years	20,593	8.8%
40-44 years	31,600	13.4%
45-49 years	53,547	22.8%
50-54 years	99,963	42.5%
Race³		
American Indian or Alaska Native	2,101	0.9%
Asian	3,574	1.5%
Black or African American	43,775	18.6%
Multi-racial	1,497	0.6%
Native Hawaiian or Other Pacific Islander	775	0.3%
Unknown	90,188	38.3%
White	93,353	39.7%
Hispanic origin		
Yes	13,721	5.8%
No	132,864	56.5%
Unknown	88,678	37.7%
Year²		
2015	16,146	6.9%
2016	47,747	20.3%
2017	36,723	15.6%
2018	31,473	13.4%
2019	32,386	13.8%
2020	30,201	12.8%
2021	16,919	7.2%
2022	15,921	6.8%
2023	7,747	3.3%

¹N/A: Not Applicable

²The numbers presented by age and year represent the age group or year of the first captured event.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

Table 1u. Characteristics of Individuals with Childbearing Potential with Heart Failure and Non-Ischemic Heart Disease in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023

Patient Characteristics	Number	Percent
Unique patients	611,756	N/A ¹
Demographic Characteristics	Mean	Standard Deviation
Age (years)	44.8	8.8
Age²	Number	Percent
10-14 years	4,117	0.7%
15-19 years	5,902	1.0%
20-24 years	13,766	2.3%
25-29 years	27,030	4.4%
30-34 years	42,010	6.9%
35-39 years	62,141	10.2%
40-44 years	89,043	14.6%
45-49 years	140,147	22.9%
50-54 years	227,600	37.2%
Race³		
American Indian or Alaska Native	7,629	1.2%
Asian	8,917	1.5%
Black or African American	161,570	26.4%
Multi-racial	2,789	0.5%
Native Hawaiian or Other Pacific Islander	2,161	0.4%
Unknown	194,079	31.7%
White	234,611	38.4%
Hispanic origin		
Yes	45,380	7.4%
No	395,213	64.6%
Unknown	171,163	28.0%
Year²		
2015	41,799	6.8%
2016	129,125	21.1%
2017	98,055	16.0%
2018	82,400	13.5%
2019	87,878	14.4%
2020	82,234	13.4%
2021	37,950	6.2%
2022	35,342	5.8%
2023	16,973	2.8%

¹N/A: Not Applicable

²The numbers presented by age and year represent the age group or year of the first captured event.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

Table 1v. Characteristics of Individuals with Childbearing Potential with Ischemic Heart Disease in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023

Patient Characteristics	Number	Percent
Unique patients	641,768	N/A ¹
Demographic Characteristics	Mean	Standard Deviation
Age (years)	47.2	7.1
Age²	Number	Percent
10-14 years	718	0.1%
15-19 years	2,343	0.4%
20-24 years	6,611	1.0%
25-29 years	13,074	2.0%
30-34 years	24,878	3.9%
35-39 years	46,679	7.3%
40-44 years	88,825	13.8%
45-49 years	162,959	25.4%
50-54 years	295,681	46.1%
Race³		
American Indian or Alaska Native	5,979	0.9%
Asian	10,107	1.6%
Black or African American	120,867	18.8%
Multi-racial	3,688	0.6%
Native Hawaiian or Other Pacific Islander	1,444	0.2%
Unknown	240,655	37.5%
White	259,028	40.4%
Hispanic origin		
Yes	44,603	7.0%
No	371,902	57.9%
Unknown	225,263	35.1%
Year²		
2015	41,184	6.4%
2016	143,553	22.4%
2017	105,738	16.5%
2018	87,303	13.6%
2019	86,620	13.5%
2020	78,556	12.2%
2021	41,246	6.4%
2022	38,742	6.0%
2023	18,826	2.9%

¹N/A: Not Applicable

²The numbers presented by age and year represent the age group or year of the first captured event.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

Table 1w. Characteristics of Individuals with Childbearing Potential with Stroke/Transient Ischemic Attack in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023

Patient Characteristics	Number	Percent
Unique patients	804,993	N/A ¹
Demographic Characteristics	Mean	Standard Deviation
Age (years)	43.1	9.7
Age²	Number	Percent
10-14 years	8,322	1.0%
15-19 years	15,493	1.9%
20-24 years	29,505	3.7%
25-29 years	48,112	6.0%
30-34 years	66,399	8.2%
35-39 years	89,408	11.1%
40-44 years	120,999	15.0%
45-49 years	173,899	21.6%
50-54 years	252,856	31.4%
Race³		
American Indian or Alaska Native	7,953	1.0%
Asian	16,438	2.0%
Black or African American	156,113	19.4%
Multi-racial	5,509	0.7%
Native Hawaiian or Other Pacific Islander	2,203	0.3%
Unknown	335,124	41.6%
White	281,653	35.0%
Hispanic origin		
Yes	73,319	9.1%
No	433,714	53.9%
Unknown	297,960	37.0%
Year²		
2015	46,409	5.8%
2016	166,937	20.7%
2017	133,486	16.6%
2018	112,941	14.0%
2019	120,465	15.0%
2020	107,985	13.4%
2021	47,700	5.9%
2022	46,334	5.8%
2023	22,736	2.8%

¹N/A: Not Applicable

²The numbers presented by age and year represent the age group or year of the first captured event.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

Table 1x. Characteristics of Individuals with Childbearing Potential with Hyperlipidemia in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023

Patient Characteristics	Number	Percent
Unique patients	5,970,462	N/A ¹
Demographic Characteristics	Mean	Standard Deviation
Age (years)	43.9	9.6
Age²	Number	Percent
10-14 years	108,917	1.8%
15-19 years	108,976	1.8%
20-24 years	139,734	2.3%
25-29 years	249,871	4.2%
30-34 years	406,427	6.8%
35-39 years	625,900	10.5%
40-44 years	921,515	15.4%
45-49 years	1,369,047	22.9%
50-54 years	2,040,075	34.2%
Race³		
American Indian or Alaska Native	28,413	0.5%
Asian	197,849	3.3%
Black or African American	544,139	9.1%
Multi-racial	65,749	1.1%
Native Hawaiian or Other Pacific Islander	14,108	0.2%
Unknown	3,500,654	58.6%
White	1,619,550	27.1%
Hispanic origin		
Yes	531,473	8.9%
No	2,030,033	34.0%
Unknown	3,408,956	57.1%
Year²		
2015	263,995	4.4%
2016	1,307,750	21.9%
2017	980,789	16.4%
2018	776,874	13.0%
2019	742,161	12.4%
2020	711,741	11.9%
2021	448,277	7.5%
2022	466,885	7.8%
2023	271,990	4.6%

¹N/A: Not Applicable

²The numbers presented by age and year represent the age group or year of the first captured event.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

Table 1y. Characteristics of Individuals with Childbearing Potential with Obesity in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023

Patient Characteristics	Number	Percent
Unique patients	8,891,357	N/A ¹
Demographic Characteristics	Mean	Standard Deviation
Age (years)	37.0	10.6
Age²	Number	Percent
10-14 years	305,483	3.4%
15-19 years	373,827	4.2%
20-24 years	775,972	8.7%
25-29 years	1,145,622	12.9%
30-34 years	1,229,384	13.8%
35-39 years	1,206,163	13.6%
40-44 years	1,168,320	13.1%
45-49 years	1,268,413	14.3%
50-54 years	1,418,173	16.0%
Race³		
American Indian or Alaska Native	67,388	0.8%
Asian	92,733	1.0%
Black or African American	1,218,130	13.7%
Multi-racial	96,092	1.1%
Native Hawaiian or Other Pacific Islander	24,854	0.3%
Unknown	5,119,681	57.6%
White	2,272,479	25.6%
Hispanic origin		
Yes	1,024,791	11.5%
No	3,194,322	35.9%
Unknown	4,672,244	52.5%
Year²		
2015	275,997	3.1%
2016	1,631,113	18.3%
2017	1,572,554	17.7%
2018	1,374,726	15.5%
2019	1,299,393	14.6%
2020	1,148,784	12.9%
2021	607,244	6.8%
2022	617,236	6.9%
2023	364,310	4.1%

¹N/A: Not Applicable

²The numbers presented by age and year represent the age group or year of the first captured event.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

Table 1z. Characteristics of Individuals with Childbearing Potential with Overweight in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023

Patient Characteristics	Number	Percent
Unique patients	2,447,867	N/A ¹
Demographic Characteristics	Mean	Standard Deviation
Age (years)	37.7	11.1
Age²	Number	Percent
10-14 years	105,149	4.3%
15-19 years	103,065	4.2%
20-24 years	202,576	8.3%
25-29 years	262,055	10.7%
30-34 years	292,225	11.9%
35-39 years	316,524	12.9%
40-44 years	335,056	13.7%
45-49 years	385,120	15.7%
50-54 years	446,097	18.2%
Race³		
American Indian or Alaska Native	8,342	0.3%
Asian	58,266	2.4%
Black or African American	192,585	7.9%
Multi-racial	29,995	1.2%
Native Hawaiian or Other Pacific Islander	3,894	0.2%
Unknown	1,634,978	66.8%
White	519,807	21.2%
Hispanic origin		
Yes	257,434	10.5%
No	624,615	25.5%
Unknown	1,565,818	64.0%
Year²		
2015	32,765	1.3%
2016	299,038	12.2%
2017	393,802	16.1%
2018	420,403	17.2%
2019	417,554	17.1%
2020	322,233	13.2%
2021	211,502	8.6%
2022	220,213	9.0%
2023	130,357	5.3%

¹N/A: Not Applicable

²The numbers presented by age and year represent the age group or year of the first captured event.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

Table 1aa. Characteristics of Individuals with Childbearing Potential with Diabetes Type 1 in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023

Patient Characteristics	Number	Percent
Unique patients	493,380	N/A ¹
Demographic Characteristics	Mean	Standard Deviation
Age (years)	34.9	12.4
Age²	Number	Percent
10-14 years	46,249	9.4%
15-19 years	40,747	8.3%
20-24 years	43,286	8.8%
25-29 years	54,832	11.1%
30-34 years	51,587	10.5%
35-39 years	54,016	10.9%
40-44 years	55,056	11.2%
45-49 years	65,634	13.3%
50-54 years	81,973	16.6%
Race³		
American Indian or Alaska Native	4,741	1.0%
Asian	6,213	1.3%
Black or African American	72,603	14.7%
Multi-racial	3,900	0.8%
Native Hawaiian or Other Pacific Islander	1,126	0.2%
Unknown	234,718	47.6%
White	170,079	34.5%
Hispanic origin		
Yes	46,733	9.5%
No	233,242	47.3%
Unknown	213,405	43.3%
Year²		
2015	61,496	12.5%
2016	136,112	27.6%
2017	75,940	15.4%
2018	56,754	11.5%
2019	53,304	10.8%
2020	52,588	10.7%
2021	23,045	4.7%
2022	23,036	4.7%
2023	11,105	2.3%

¹N/A: Not Applicable

²The numbers presented by age and year represent the age group or year of the first captured event.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

Table 1ab. Characteristics of Individuals with Childbearing Potential with Diabetes Type 2 in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023

Patient Characteristics	Number	Percent
Unique patients	3,419,512	N/A ¹
Demographic Characteristics	Mean	Standard Deviation
Age (years)	43.6	9.2
Age²	Number	Percent
10-14 years	30,213	0.9%
15-19 years	53,421	1.6%
20-24 years	93,900	2.7%
25-29 years	174,308	5.1%
30-34 years	273,021	8.0%
35-39 years	401,133	11.7%
40-44 years	541,337	15.8%
45-49 years	761,603	22.3%
50-54 years	1,090,576	31.9%
Race³		
American Indian or Alaska Native	45,259	1.3%
Asian	94,779	2.8%
Black or African American	550,147	16.1%
Multi-racial	28,408	0.8%
Native Hawaiian or Other Pacific Islander	15,054	0.4%
Unknown	1,712,841	50.1%
White	973,024	28.5%
Hispanic origin		
Yes	404,043	11.8%
No	1,532,333	44.8%
Unknown	1,483,136	43.4%
Year²		
2015	337,421	9.9%
2016	950,605	27.8%
2017	521,004	15.2%
2018	382,046	11.2%
2019	374,615	11.0%
2020	382,258	11.2%
2021	181,027	5.3%
2022	183,243	5.4%
2023	107,293	3.1%

¹N/A: Not Applicable

²The numbers presented by age and year represent the age group or year of the first captured event.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

Table 1ac. Characteristics of Individuals with Childbearing Potential with Chronic Kidney Disease in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023

Patient Characteristics	Number	Percent
Unique patients	912,811	N/A ¹
Demographic Characteristics	Mean	Standard Deviation
Age (years)	43.1	10.1
Age²	Number	Percent
10-14 years	15,275	1.7%
15-19 years	19,773	2.2%
20-24 years	32,041	3.5%
25-29 years	53,176	5.8%
30-34 years	71,835	7.9%
35-39 years	95,565	10.5%
40-44 years	129,443	14.2%
45-49 years	192,648	21.1%
50-54 years	303,055	33.2%
Race³		
American Indian or Alaska Native	11,767	1.3%
Asian	22,522	2.5%
Black or African American	190,000	20.8%
Multi-racial	6,461	0.7%
Native Hawaiian or Other Pacific Islander	3,928	0.4%
Unknown	365,802	40.1%
White	312,331	34.2%
Hispanic origin		
Yes	88,744	9.7%
No	504,012	55.2%
Unknown	320,055	35.1%
Year²		
2015	91,007	10.0%
2016	186,612	20.4%
2017	138,321	15.2%
2018	115,859	12.7%
2019	118,538	13.0%
2020	113,803	12.5%
2021	60,767	6.7%
2022	58,505	6.4%
2023	29,399	3.2%

¹N/A: Not Applicable

²The numbers presented by age and year represent the age group or year of the first captured event.

³Race data may not be completely populated at all Data Partners; therefore, data about race may be incomplete.

Table 2a. Prevalence of the Selected Health Conditions Among Eligible Individuals with Childbearing Potential in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023

	Total Number of ICBP ¹ with the Evaluated Condition	Total Number of Eligible ² ICBP ¹	Total Eligible Person- Years ² Among ICBP ¹
Depression	11,387,275	86,051,820	177,405,967.3
Anxiety Disorder	12,848,218	86,051,820	175,375,300.5
Attention Deficit Hyperactivity Disorders	3,352,700	86,051,820	194,002,820.7
Personality Disorders	574,101	86,051,820	199,964,305.3
Schizophrenia and Other Psychotic Disorders	1,004,688	86,051,820	198,824,913.2
Bipolar Disorder	3,027,077	86,051,820	194,461,457.4
Post-Traumatic Stress Disorder	2,442,102	86,051,820	196,305,783.7
Epilepsy/Convulsions	968,516	86,051,820	198,912,017.8
Migraine/Headache	4,283,057	86,051,820	192,084,110.6
Pain Conditions	6,479,505	86,051,820	187,390,867.9
Multiple Sclerosis	239,258	86,051,820	200,639,799.4
Alzheimer's Disease	9,677	86,051,820	201,193,309.5
Non-Alzheimer's Dementia	130,729	86,051,820	200,960,742.0
Parkinson's Disease and Secondary Parkinsonism	22,893	86,051,820	201,164,842.1
Asthma	5,040,914	86,051,820	190,111,093.0
Pulmonary Embolism	195,894	86,051,820	200,870,483.0
Chronic Obstructive Pulmonary Disease	1,550,610	86,051,820	197,975,578.6
Hypertension	7,416,204	86,051,820	185,916,935.0
Acute Myocardial Infarction	174,042	86,051,820	200,940,789.8
Atrial Fibrillation and Flutter	235,263	86,051,820	200,795,207.5
Heart Failure and Non-Ischemic Heart Disease	611,756	86,051,820	200,104,067.9
Ischemic Heart Disease	641,768	86,051,820	200,034,065.6
Stroke/Transient Ischemic Attack ⁵	804,993	86,051,802	199,672,042.7
Hyperlipidemia	5,970,462	86,051,820	189,381,878.2
Obesity	8,891,357	86,051,820	183,355,895.5
Overweight	2,447,867	86,051,820	196,492,157.8
Diabetes Type 1	493,380	86,051,820	200,078,017.4
Diabetes Type 2	3,419,512	86,051,820	194,046,914.6
Chronic Kidney Disease	912,811	86,051,820	199,381,504.5

Table 2a. Prevalence of the Selected Health Conditions Among Eligible Individuals with Childbearing Potential in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023

	Number of ICBP ¹ with the Evaluated Condition per 100,000 Eligible ² ICBP ¹	Number of ICBP ¹ with the Evaluated Condition per 100,000 Eligible ² ICBP (95% Confidence Interval)	Number of ICBP ¹ with the Evaluated Condition per Eligible ² ICBP ¹ (95% Confidence Interval)
Depression	13,233.04	13,233.04 (13,225.88, 13,240.20)	0.13 (0.13, 0.13)
Anxiety Disorder	14,930.79	14,930.79 (14,923.26, 14,938.32)	0.15 (0.15, 0.15)
Attention Deficit Hyperactivity Disorders	3,896.14	3,896.14 (3,892.05, 3,900.23)	0.04 (0.04, 0.04)
Personality Disorders	667.16	667.16 (665.44, 668.88)	0.01 (0.01, 0.01)
Schizophrenia and Other Psychotic Disorders	1,167.54	1,167.54 (1,165.27, 1,169.81)	0.01 (0.01, 0.01)
Bipolar Disorder	3,517.74	3,517.74 (3,513.84, 3,521.63)	0.04 (0.04, 0.04)
Post-Traumatic Stress Disorder	2,837.94	2,837.94 (2,834.43, 2,841.45)	0.03 (0.03, 0.03)
Epilepsy/Convulsions	1,125.50	1,125.50 (1,123.27, 1,127.73)	0.01 (0.01, 0.01)
Migraine/Headache	4,977.30	4,977.30 (4,972.70, 4,981.89)	0.05 (0.05, 0.05)
Pain Conditions	7,529.77	7,529.77 (7,524.20, 7,535.35)	0.08 (0.08, 0.08)
Multiple Sclerosis	278.04	278.04 (276.93, 279.15)	0.00 (0.00, 0.00)
Alzheimer's Disease	11.25	11.25 (11.02, 11.47)	0.00 (0.00, 0.00)
Non-Alzheimer's Dementia	151.92	151.92 (151.10, 152.74)	0.00 (0.00, 0.00)
Parkinson's Disease and Secondary Parkinsonism	26.60	26.60 (26.26, 26.95)	0.00 (0.00, 0.00)
Asthma	5,858.00	5,858.00 (5,853.04, 5,862.96)	0.06 (0.06, 0.06)
Pulmonary Embolism	227.65	227.65 (226.64, 228.65)	0.00 (0.00, 0.00)
Chronic Obstructive Pulmonary Disease	1,801.95	1,801.95 (1,799.14, 1,804.76)	0.02 (0.02, 0.02)
Hypertension	8,618.30	8,618.30 (8,612.37, 8,624.23)	0.09 (0.09, 0.09)
Acute Myocardial Infarction	202.25	202.25 (201.30, 203.20)	0.00 (0.00, 0.00)
Atrial Fibrillation and Flutter	273.40	273.40 (272.29, 274.50)	0.00 (0.00, 0.00)
Heart Failure and Non-Ischemic Heart Disease	710.92	710.92 (709.14, 712.69)	0.01 (0.01, 0.01)
Ischemic Heart Disease	745.79	745.79 (743.97, 747.61)	0.01 (0.01, 0.01)
Stroke/Transient Ischemic Attack ⁵	935.47	935.47 (933.44, 937.51)	0.01 (0.01, 0.01)
Hyperlipidemia	6,938.22	6,938.22 (6,932.85, 6,943.59)	0.07 (0.07, 0.07)
Obesity	10,332.56	10,332.56 (10,326.13, 10,338.99)	0.10 (0.10, 0.10)
Overweight	2,844.64	2,844.64 (2,841.13, 2,848.16)	0.03 (0.03, 0.03)
Diabetes Type 1	573.35	573.35 (571.76, 574.95)	0.01 (0.01, 0.01)
Diabetes Type 2	3,973.78	3,973.78 (3,969.65, 3,977.91)	0.04 (0.04, 0.04)
Chronic Kidney Disease	1,060.77	1,060.77 (1,058.60, 1,062.93)	0.01 (0.01, 0.01)

Table 2a. Prevalence of the Selected Health Conditions Among Eligible Individuals with Childbearing Potential in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023

	Number of ICBP ¹ with the Evaluated Condition per Eligible Person-Year ² (95% Confidence Interval)	Number of ICBP ¹ with the Evaluated Condition per 100,000 Eligible Person-Years ² (95% Confidence Interval)	Total Person-Years After Index ³	Total Observed Person-Years ⁴
Depression	0.06 (0.06, 0.06)	6,418.77 (6,415.04, 6,422.50)	23,804,925.0	201,210,892.3
Anxiety Disorder	0.07 (0.07, 0.07)	7,326.13 (7,322.12, 7,330.13)	25,835,591.8	201,210,892.3
Attention Deficit Hyperactivity Disorders	0.02 (0.02, 0.02)	1,728.17 (1,726.32, 1,730.02)	7,208,071.6	201,210,892.3
Personality Disorders	0.00 (0.00, 0.00)	287.10 (286.36, 287.85)	1,246,587.0	201,210,892.3
Schizophrenia and Other Psychotic Disorders	0.01 (0.01, 0.01)	505.31 (504.33, 506.30)	2,385,979.1	201,210,892.3
Bipolar Disorder	0.02 (0.02, 0.02)	1,556.65 (1,554.89, 1,558.40)	6,749,434.9	201,210,892.3
Post-Traumatic Stress Disorder	0.01 (0.01, 0.01)	1,244.03 (1,242.47, 1,245.59)	4,905,108.6	201,210,892.3
Epilepsy/Convulsions	0.00 (0.00, 0.00)	486.91 (485.94, 487.88)	2,298,874.5	201,210,892.3
Migraine/Headache	0.02 (0.02, 0.02)	2,229.78 (2,227.67, 2,231.89)	9,126,781.7	201,210,892.3
Pain Conditions	0.03 (0.03, 0.03)	3,457.75 (3,455.09, 3,460.41)	13,820,024.4	201,210,892.3
Multiple Sclerosis	0.00 (0.00, 0.00)	119.25 (118.77, 119.73)	571,092.9	201,210,892.3
Alzheimer's Disease	0.00 (0.00, 0.00)	4.81 (4.71, 4.91)	17,582.8	201,210,892.3
Non-Alzheimer's Dementia	0.00 (0.00, 0.00)	65.05 (64.70, 65.41)	250,150.3	201,210,892.3
Parkinson's Disease and Secondary Parkinsonism	0.00 (0.00, 0.00)	11.38 (11.23, 11.53)	46,050.2	201,210,892.3
Asthma	0.03 (0.03, 0.03)	2,651.56 (2,649.25, 2,653.88)	11,099,799.3	201,210,892.3
Pulmonary Embolism	0.00 (0.00, 0.00)	97.52 (97.09, 97.96)	340,409.3	201,210,892.3
Chronic Obstructive Pulmonary Disease	0.01 (0.01, 0.01)	783.23 (782.00, 784.47)	3,235,313.7	201,210,892.3
Hypertension	0.04 (0.04, 0.04)	3,988.99 (3,986.12, 3,991.86)	15,293,957.3	201,210,892.3
Acute Myocardial Infarction	0.00 (0.00, 0.00)	86.61 (86.21, 87.02)	270,102.5	201,210,892.3
Atrial Fibrillation and Flutter	0.00 (0.00, 0.00)	117.17 (116.69, 117.64)	415,684.8	201,210,892.3
Heart Failure and Non-Ischemic Heart Disease	0.00 (0.00, 0.00)	305.72 (304.95, 306.49)	1,106,824.4	201,210,892.3
Ischemic Heart Disease	0.00 (0.00, 0.00)	320.83 (320.05, 321.62)	1,176,826.7	201,210,892.3
Stroke/Transient Ischemic Attack ⁵	0.00 (0.00, 0.00)	403.16 (402.28, 404.04)	1,536,299.1	201,208,341.8
Hyperlipidemia	0.03 (0.03, 0.03)	3,152.60 (3,150.08, 3,155.13)	11,829,014.1	201,210,892.3
Obesity	0.05 (0.05, 0.05)	4,849.23 (4,846.05, 4,852.42)	17,854,996.8	201,210,892.3
Overweight	0.01 (0.01, 0.01)	1,245.78 (1,244.22, 1,247.35)	4,718,734.5	201,210,892.3
Diabetes Type 1	0.00 (0.00, 0.00)	246.59 (245.91, 247.28)	1,132,874.9	201,210,892.3
Diabetes Type 2	0.02 (0.02, 0.02)	1,762.21 (1,760.34, 1,764.08)	7,163,977.7	201,210,892.3
Chronic Kidney Disease	0.00 (0.00, 0.00)	457.82 (456.88, 458.76)	1,829,387.8	201,210,892.3

¹Individuals with Childbearing Potential (ICBP)

²Eligible Individuals and Eligible Person-Years are reflective of the number of patients that met all cohort entry criteria on at least one day during the query period.

³Total Person-Years After Index is cumulative time of each day after the index date that ICBP have age 10-54 years, satisfy medical and drug coverage requirement, and whose enrollment has not been censored due to disenrollment, death, end of data partner data availability, or end of query period.

⁴Total Observed Person-Years equals the Total Eligible Person-Years plus the Total Person-Years After Index.

⁵For Stroke/Transient Ischemic Attack, the Total Person-Years after Index does not count days that ICBP have a stroke exclusion code.

Table 2b. Prevalence of the Selected Health Conditions among Eligible Individuals with Childbearing Potential in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023, by Age Group

	Total Number of ICBP ¹ with the Evaluated Condition	Total Number of Eligible ² ICBP ¹	Number of ICBP ¹ with the Evaluated Condition per 100,000 Eligible ² ICBP ¹	Number of ICBP ¹ with the Evaluated Condition per 100,000 Eligible ² ICBP ¹ (95% Confidence Interval)	Number of ICBP ¹ with the Evaluated Condition per Eligible ² ICBP ¹ (95% Confidence Interval)
Depression					
10-14 years	1,022,012	15,095,946	6,770.11	6,770.11 (6,757.44, 6,782.78)	0.07 (0.07, 0.07)
15-19 years	1,691,219	14,639,846	11,552.16	11,552.16 (11,535.79, 11,568.54)	0.12 (0.12, 0.12)
20-24 years	1,396,790	15,269,057	9,147.85	9,147.85 (9,133.39, 9,162.31)	0.09 (0.09, 0.09)
25-29 years	1,683,251	17,573,012	9,578.61	9,578.61 (9,564.85, 9,592.37)	0.10 (0.10, 0.10)
30-34 years	1,683,471	15,433,788	10,907.70	10,907.70 (10,892.15, 10,923.25)	0.11 (0.11, 0.11)
35-39 years	1,597,194	13,419,321	11,902.20	11,902.20 (11,884.87, 11,919.52)	0.12 (0.12, 0.12)
40-44 years	1,479,847	11,772,940	12,569.90	12,569.90 (12,550.96, 12,588.84)	0.13 (0.13, 0.13)
45-49 years	1,544,922	11,229,509	13,757.70	13,757.70 (13,737.55, 13,777.85)	0.14 (0.14, 0.14)
50-54 years	1,739,817	11,600,042	14,998.37	14,998.37 (14,977.82, 15,018.92)	0.15 (0.15, 0.15)
Anxiety Disorder					
10-14 years	931,989	15,095,946	6,173.77	6,173.77 (6,161.63, 6,185.91)	0.06 (0.06, 0.06)
15-19 years	1,602,609	14,639,846	10,946.90	10,946.90 (10,930.90, 10,962.89)	0.11 (0.11, 0.11)
20-24 years	1,652,572	15,269,057	10,823.01	10,823.01 (10,807.43, 10,838.60)	0.11 (0.11, 0.11)
25-29 years	2,072,473	17,573,012	11,793.50	11,793.50 (11,778.42, 11,808.58)	0.12 (0.12, 0.12)
30-34 years	2,092,281	15,433,788	13,556.50	13,556.50 (13,539.42, 13,573.58)	0.14 (0.14, 0.14)
35-39 years	1,964,171	13,419,321	14,636.89	14,636.89 (14,617.98, 14,655.80)	0.15 (0.15, 0.15)
40-44 years	1,777,768	11,772,940	15,100.46	15,100.46 (15,080.01, 15,120.91)	0.15 (0.15, 0.15)
45-49 years	1,764,083	11,229,509	15,709.35	15,709.35 (15,688.07, 15,730.63)	0.16 (0.16, 0.16)
50-54 years	1,886,475	11,600,042	16,262.66	16,262.66 (16,241.42, 16,283.89)	0.16 (0.16, 0.16)
Attention Deficit Hyperactivity Disorders					
10-14 years	956,490	15,095,946	6,336.07	6,336.07 (6,323.78, 6,348.36)	0.06 (0.06, 0.06)
15-19 years	714,391	14,639,846	4,879.77	4,879.77 (4,868.73, 4,890.81)	0.05 (0.05, 0.05)
20-24 years	417,689	15,269,057	2,735.53	2,735.53 (2,727.34, 2,743.71)	0.03 (0.03, 0.03)
25-29 years	481,908	17,573,012	2,742.32	2,742.32 (2,734.68, 2,749.95)	0.03 (0.03, 0.03)
30-34 years	439,060	15,433,788	2,844.80	2,844.80 (2,836.50, 2,853.09)	0.03 (0.03, 0.03)
35-39 years	362,703	13,419,321	2,702.84	2,702.84 (2,694.17, 2,711.52)	0.03 (0.03, 0.03)
40-44 years	284,985	11,772,940	2,420.68	2,420.68 (2,411.90, 2,429.46)	0.02 (0.02, 0.02)
45-49 years	240,500	11,229,509	2,141.68	2,141.68 (2,133.21, 2,150.15)	0.02 (0.02, 0.02)
50-54 years	205,554	11,600,042	1,772.01	1,772.01 (1,764.42, 1,779.60)	0.02 (0.02, 0.02)

Table 2b. Prevalence of the Selected Health Conditions among Eligible Individuals with Childbearing Potential in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023, by Age Group

	Total Number of ICBP ¹ with the Evaluated Condition	Total Number of Eligible ² ICBP ¹	Number of ICBP ¹ with the Evaluated Condition per 100,000 Eligible ² ICBP ¹	Number of ICBP ¹ with the Evaluated Condition per 100,000 Eligible ² ICBP ¹ (95% Confidence Interval)	Number of ICBP ¹ with the Evaluated Condition per Eligible ² ICBP ¹ (95% Confidence Interval)
Personality Disorders					
10-14 years	15,571	15,095,946	103.15	103.15 (101.53, 104.77)	0.00 (0.00, 0.00)
15-19 years	61,766	14,639,846	421.90	421.90 (418.58, 425.22)	0.00 (0.00, 0.00)
20-24 years	94,432	15,269,057	618.45	618.45 (614.52, 622.39)	0.01 (0.01, 0.01)
25-29 years	101,130	17,573,012	575.48	575.48 (571.95, 579.02)	0.01 (0.01, 0.01)
30-34 years	94,053	15,433,788	609.40	609.40 (605.51, 613.28)	0.01 (0.01, 0.01)
35-39 years	86,107	13,419,321	641.66	641.66 (637.39, 645.94)	0.01 (0.01, 0.01)
40-44 years	75,355	11,772,940	640.07	640.07 (635.51, 644.62)	0.01 (0.01, 0.01)
45-49 years	73,398	11,229,509	653.62	653.62 (648.90, 658.33)	0.01 (0.01, 0.01)
50-54 years	73,633	11,600,042	634.76	634.76 (630.19, 639.34)	0.01 (0.01, 0.01)
Schizophrenia and Other Psychotic Disorders					
10-14 years	58,955	15,095,946	390.54	390.54 (387.39, 393.68)	0.00 (0.00, 0.00)
15-19 years	94,734	14,639,846	647.10	647.10 (642.99, 651.20)	0.01 (0.01, 0.01)
20-24 years	103,179	15,269,057	675.74	675.74 (671.63, 679.85)	0.01 (0.01, 0.01)
25-29 years	134,675	17,573,012	766.37	766.37 (762.30, 770.45)	0.01 (0.01, 0.01)
30-34 years	148,834	15,433,788	964.34	964.34 (959.46, 969.21)	0.01 (0.01, 0.01)
35-39 years	156,756	13,419,321	1,168.14	1,168.14 (1,162.39, 1,173.89)	0.01 (0.01, 0.01)
40-44 years	158,339	11,772,940	1,344.94	1,344.94 (1,338.36, 1,351.52)	0.01 (0.01, 0.01)
45-49 years	181,162	11,229,509	1,613.27	1,613.27 (1,605.90, 1,620.64)	0.02 (0.02, 0.02)
50-54 years	224,118	11,600,042	1,932.04	1,932.04 (1,924.12, 1,939.97)	0.02 (0.02, 0.02)
Bipolar Disorder					
10-14 years	219,676	15,095,946	1,455.20	1,455.20 (1,449.16, 1,461.24)	0.01 (0.01, 0.01)
15-19 years	364,495	14,639,846	2,489.75	2,489.75 (2,481.76, 2,497.73)	0.02 (0.02, 0.02)
20-24 years	379,058	15,269,057	2,482.52	2,482.52 (2,474.72, 2,490.33)	0.02 (0.02, 0.02)
25-29 years	479,110	17,573,012	2,726.40	2,726.40 (2,718.78, 2,734.01)	0.03 (0.03, 0.03)
30-34 years	488,339	15,433,788	3,164.09	3,164.09 (3,155.36, 3,172.82)	0.03 (0.03, 0.03)
35-39 years	477,306	13,419,321	3,556.86	3,556.86 (3,546.95, 3,566.77)	0.04 (0.04, 0.04)
40-44 years	447,187	11,772,940	3,798.43	3,798.43 (3,787.51, 3,809.35)	0.04 (0.04, 0.04)
45-49 years	454,324	11,229,509	4,045.80	4,045.80 (4,034.28, 4,057.33)	0.04 (0.04, 0.04)
50-54 years	483,515	11,600,042	4,168.22	4,168.22 (4,156.72, 4,179.72)	0.04 (0.04, 0.04)

Table 2b. Prevalence of the Selected Health Conditions among Eligible Individuals with Childbearing Potential in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023, by Age Group

	Total Number of ICBP ¹ with the Evaluated Condition	Total Number of Eligible ² ICBP ¹	Number of ICBP ¹ with the Evaluated Condition per 100,000 Eligible ² ICBP ¹	Number of ICBP ¹ with the Evaluated Condition per 100,000 Eligible ² ICBP ¹ (95% Confidence Interval)	Number of ICBP ¹ with the Evaluated Condition per Eligible ² ICBP ¹ (95% Confidence Interval)
Post-Traumatic Stress Disorder					
10-14 years	211,033	15,095,946	1,397.94	1,397.94 (1,392.02, 1,403.87)	0.01 (0.01, 0.01)
15-19 years	325,175	14,639,846	2,221.16	2,221.16 (2,213.61, 2,228.71)	0.02 (0.02, 0.02)
20-24 years	301,496	15,269,057	1,974.56	1,974.56 (1,967.58, 1,981.53)	0.02 (0.02, 0.02)
25-29 years	381,075	17,573,012	2,168.52	2,168.52 (2,161.71, 2,175.33)	0.02 (0.02, 0.02)
30-34 years	388,670	15,433,788	2,518.31	2,518.31 (2,510.49, 2,526.12)	0.03 (0.03, 0.03)
35-39 years	366,039	13,419,321	2,727.70	2,727.70 (2,718.99, 2,736.42)	0.03 (0.03, 0.03)
40-44 years	323,866	11,772,940	2,750.94	2,750.94 (2,741.59, 2,760.28)	0.03 (0.03, 0.03)
45-49 years	311,487	11,229,509	2,773.83	2,773.83 (2,764.22, 2,783.43)	0.03 (0.03, 0.03)
50-54 years	310,056	11,600,042	2,672.89	2,672.89 (2,663.61, 2,682.17)	0.03 (0.03, 0.03)
Epilepsy/Convulsions					
10-14 years	86,882	15,095,946	575.53	575.53 (571.72, 579.35)	0.01 (0.01, 0.01)
15-19 years	97,525	14,639,846	666.16	666.16 (661.99, 670.33)	0.01 (0.01, 0.01)
20-24 years	115,501	15,269,057	756.44	756.44 (752.09, 760.78)	0.01 (0.01, 0.01)
25-29 years	137,675	17,573,012	783.45	783.45 (779.32, 787.57)	0.01 (0.01, 0.01)
30-34 years	145,079	15,433,788	940.01	940.01 (935.19, 944.82)	0.01 (0.01, 0.01)
35-39 years	149,960	13,419,321	1,117.49	1,117.49 (1,111.87, 1,123.12)	0.01 (0.01, 0.01)
40-44 years	150,448	11,772,940	1,277.91	1,277.91 (1,271.50, 1,284.33)	0.01 (0.01, 0.01)
45-49 years	162,487	11,229,509	1,446.96	1,446.96 (1,439.98, 1,453.95)	0.01 (0.01, 0.01)
50-54 years	190,344	11,600,042	1,640.89	1,640.89 (1,633.58, 1,648.20)	0.02 (0.02, 0.02)
Migraine/Headache					
10-14 years	187,744	15,095,946	1,243.67	1,243.67 (1,238.08, 1,249.26)	0.01 (0.01, 0.01)
15-19 years	388,436	14,639,846	2,653.28	2,653.28 (2,645.05, 2,661.51)	0.03 (0.03, 0.03)
20-24 years	421,473	15,269,057	2,760.31	2,760.31 (2,752.09, 2,768.53)	0.03 (0.03, 0.03)
25-29 years	582,386	17,573,012	3,314.09	3,314.09 (3,305.72, 3,322.46)	0.03 (0.03, 0.03)
30-34 years	666,448	15,433,788	4,318.11	4,318.11 (4,307.97, 4,328.25)	0.04 (0.04, 0.04)
35-39 years	711,411	13,419,321	5,301.39	5,301.39 (5,289.41, 5,313.38)	0.05 (0.05, 0.05)
40-44 years	709,513	11,772,940	6,026.64	6,026.64 (6,013.05, 6,040.24)	0.06 (0.06, 0.06)
45-49 years	714,467	11,229,509	6,362.41	6,362.41 (6,348.13, 6,376.68)	0.06 (0.06, 0.06)
50-54 years	683,324	11,600,042	5,890.70	5,890.70 (5,877.15, 5,904.25)	0.06 (0.06, 0.06)

Table 2b. Prevalence of the Selected Health Conditions among Eligible Individuals with Childbearing Potential in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023, by Age Group

	Total Number of ICBP ¹ with the Evaluated Condition	Total Number of Eligible ² ICBP ¹	Number of ICBP ¹ with the Evaluated Condition per 100,000 Eligible ² ICBP ¹	Number of ICBP ¹ with the Evaluated Condition per 100,000 Eligible ² ICBP ¹ (95% Confidence Interval)	Number of ICBP ¹ with the Evaluated Condition per Eligible ² ICBP ¹ (95% Confidence Interval)
Pain Conditions					
10-14 years	108,250	15,095,946	717.08	717.08 (712.82, 721.34)	0.01 (0.01, 0.01)
15-19 years	244,736	14,639,846	1,671.71	1,671.71 (1,665.14, 1,678.28)	0.02 (0.02, 0.02)
20-24 years	341,346	15,269,057	2,235.54	2,235.54 (2,228.13, 2,242.96)	0.02 (0.02, 0.02)
25-29 years	585,953	17,573,012	3,334.39	3,334.39 (3,326.00, 3,342.79)	0.03 (0.03, 0.03)
30-34 years	839,340	15,433,788	5,438.33	5,438.33 (5,427.01, 5,449.64)	0.05 (0.05, 0.05)
35-39 years	1,062,285	13,419,321	7,916.09	7,916.09 (7,901.64, 7,930.53)	0.08 (0.08, 0.08)
40-44 years	1,224,163	11,772,940	10,398.11	10,398.11 (10,380.67, 10,415.54)	0.10 (0.10, 0.10)
45-49 years	1,474,248	11,229,509	13,128.34	13,128.34 (13,108.59, 13,148.09)	0.13 (0.13, 0.13)
50-54 years	1,823,125	11,600,042	15,716.54	15,716.54 (15,695.59, 15,737.48)	0.16 (0.16, 0.16)
Multiple Sclerosis					
10-14 years	563	15,095,946	3.73	3.73 (3.42, 4.04)	0.00 (0.00, 0.00)
15-19 years	3,119	14,639,846	21.30	21.30 (20.56, 22.05)	0.00 (0.00, 0.00)
20-24 years	8,753	15,269,057	57.33	57.33 (56.12, 58.53)	0.00 (0.00, 0.00)
25-29 years	21,440	17,573,012	122.01	122.01 (120.37, 123.64)	0.00 (0.00, 0.00)
30-34 years	35,000	15,433,788	226.78	226.78 (224.40, 229.15)	0.00 (0.00, 0.00)
35-39 years	48,290	13,419,321	359.85	359.85 (356.65, 363.06)	0.00 (0.00, 0.00)
40-44 years	57,486	11,772,940	488.29	488.29 (484.31, 492.27)	0.00 (0.00, 0.00)
45-49 years	68,197	11,229,509	607.30	607.30 (602.76, 611.85)	0.01 (0.01, 0.01)
50-54 years	78,768	11,600,042	679.03	679.03 (674.31, 683.76)	0.01 (0.01, 0.01)
Alzheimer's Disease					
10-14 years	33	15,095,946	0.22	0.22 (0.14, 0.29)	0.00 (0.00, 0.00)
15-19 years	54	14,639,846	0.37	0.37 (0.27, 0.47)	0.00 (0.00, 0.00)
20-24 years	123	15,269,057	0.81	0.81 (0.66, 0.95)	0.00 (0.00, 0.00)
25-29 years	181	17,573,012	1.03	1.03 (0.88, 1.18)	0.00 (0.00, 0.00)
30-34 years	274	15,433,788	1.78	1.78 (1.57, 1.99)	0.00 (0.00, 0.00)
35-39 years	421	13,419,321	3.14	3.14 (2.84, 3.44)	0.00 (0.00, 0.00)
40-44 years	913	11,772,940	7.76	7.76 (7.25, 8.26)	0.00 (0.00, 0.00)
45-49 years	2,237	11,229,509	19.92	19.92 (19.10, 20.75)	0.00 (0.00, 0.00)
50-54 years	6,392	11,600,042	55.10	55.10 (53.75, 56.45)	0.00 (0.00, 0.00)

Table 2b. Prevalence of the Selected Health Conditions among Eligible Individuals with Childbearing Potential in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023, by Age Group

	Total Number of ICBP ¹ with the Evaluated Condition	Total Number of Eligible ² ICBP ¹	Number of ICBP ¹ with the Evaluated Condition per 100,000 Eligible ² ICBP ¹	Number of ICBP ¹ with the Evaluated Condition per 100,000 Eligible ² ICBP ¹ (95% Confidence Interval)	Number of ICBP ¹ with the Evaluated Condition per Eligible ² ICBP ¹ (95% Confidence Interval)
Non-Alzheimer's Dementia					
10-14 years	3,248	15,095,946	21.52	21.52 (20.78, 22.26)	0.00 (0.00, 0.00)
15-19 years	5,831	14,639,846	39.83	39.83 (38.81, 40.85)	0.00 (0.00, 0.00)
20-24 years	5,383	15,269,057	35.25	35.25 (34.31, 36.20)	0.00 (0.00, 0.00)
25-29 years	7,516	17,573,012	42.77	42.77 (41.80, 43.74)	0.00 (0.00, 0.00)
30-34 years	9,688	15,433,788	62.77	62.77 (61.52, 64.02)	0.00 (0.00, 0.00)
35-39 years	12,568	13,419,321	93.66	93.66 (92.02, 95.29)	0.00 (0.00, 0.00)
40-44 years	16,857	11,772,940	143.18	143.18 (141.02, 145.34)	0.00 (0.00, 0.00)
45-49 years	27,262	11,229,509	242.77	242.77 (239.89, 245.65)	0.00 (0.00, 0.00)
50-54 years	51,062	11,600,042	440.19	440.19 (436.38, 444.00)	0.00 (0.00, 0.00)
Parkinson's Disease and Secondary Parkinsonism					
10-14 years	74	15,095,946	0.49	0.49 (0.38, 0.60)	0.00 (0.00, 0.00)
15-19 years	199	14,639,846	1.36	1.36 (1.17, 1.55)	0.00 (0.00, 0.00)
20-24 years	402	15,269,057	2.63	2.63 (2.38, 2.89)	0.00 (0.00, 0.00)
25-29 years	644	17,573,012	3.66	3.66 (3.38, 3.95)	0.00 (0.00, 0.00)
30-34 years	1,044	15,433,788	6.76	6.76 (6.35, 7.17)	0.00 (0.00, 0.00)
35-39 years	1,820	13,419,321	13.56	13.56 (12.94, 14.19)	0.00 (0.00, 0.00)
40-44 years	3,212	11,772,940	27.28	27.28 (26.34, 28.23)	0.00 (0.00, 0.00)
45-49 years	6,031	11,229,509	53.71	53.71 (52.35, 55.06)	0.00 (0.00, 0.00)
50-54 years	12,775	11,600,042	110.13	110.13 (108.22, 112.04)	0.00 (0.00, 0.00)
Asthma					
10-14 years	687,138	15,095,946	4,551.80	4,551.80 (4,541.29, 4,562.32)	0.05 (0.05, 0.05)
15-19 years	650,845	14,639,846	4,445.71	4,445.71 (4,435.15, 4,456.27)	0.04 (0.04, 0.04)
20-24 years	602,835	15,269,057	3,948.08	3,948.08 (3,938.31, 3,957.85)	0.04 (0.04, 0.04)
25-29 years	681,612	17,573,012	3,878.74	3,878.74 (3,869.72, 3,887.77)	0.04 (0.04, 0.04)
30-34 years	672,455	15,433,788	4,357.03	4,357.03 (4,346.85, 4,367.22)	0.04 (0.04, 0.04)
35-39 years	654,727	13,419,321	4,878.99	4,878.99 (4,867.46, 4,890.51)	0.05 (0.05, 0.05)
40-44 years	652,675	11,772,940	5,543.86	5,543.86 (5,530.79, 5,556.93)	0.06 (0.06, 0.06)
45-49 years	712,427	11,229,509	6,344.24	6,344.24 (6,329.98, 6,358.50)	0.06 (0.06, 0.06)
50-54 years	801,889	11,600,042	6,912.81	6,912.81 (6,898.21, 6,927.41)	0.07 (0.07, 0.07)

Table 2b. Prevalence of the Selected Health Conditions among Eligible Individuals with Childbearing Potential in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023, by Age Group

	Total Number of ICBP ¹ with the Evaluated Condition	Total Number of Eligible ² ICBP ¹	Number of ICBP ¹ with the Evaluated Condition per 100,000 Eligible ² ICBP ¹	Number of ICBP ¹ with the Evaluated Condition per 100,000 Eligible ² ICBP ¹ (95% Confidence Interval)	Number of ICBP ¹ with the Evaluated Condition per Eligible ² ICBP ¹ (95% Confidence Interval)
Pulmonary Embolism					
10-14 years	516	15,095,946	3.42	3.42 (3.12, 3.71)	0.00 (0.00, 0.00)
15-19 years	3,992	14,639,846	27.27	27.27 (26.42, 28.11)	0.00 (0.00, 0.00)
20-24 years	11,517	15,269,057	75.43	75.43 (74.05, 76.80)	0.00 (0.00, 0.00)
25-29 years	20,125	17,573,012	114.52	114.52 (112.94, 116.10)	0.00 (0.00, 0.00)
30-34 years	24,899	15,433,788	161.33	161.33 (159.33, 163.33)	0.00 (0.00, 0.00)
35-39 years	28,207	13,419,321	210.20	210.20 (207.75, 212.65)	0.00 (0.00, 0.00)
40-44 years	31,198	11,772,940	265.00	265.00 (262.06, 267.93)	0.00 (0.00, 0.00)
45-49 years	37,450	11,229,509	333.50	333.50 (330.12, 336.87)	0.00 (0.00, 0.00)
50-54 years	45,325	11,600,042	390.73	390.73 (387.14, 394.32)	0.00 (0.00, 0.00)
Chronic Obstructive Pulmonary Disease					
10-14 years	32,151	15,095,946	212.98	212.98 (210.65, 215.30)	0.00 (0.00, 0.00)
15-19 years	42,227	14,639,846	288.44	288.44 (285.69, 291.19)	0.00 (0.00, 0.00)
20-24 years	53,594	15,269,057	351.00	351.00 (348.03, 353.96)	0.00 (0.00, 0.00)
25-29 years	79,586	17,573,012	452.89	452.89 (449.75, 456.03)	0.00 (0.00, 0.00)
30-34 years	115,018	15,433,788	745.24	745.24 (740.94, 749.53)	0.01 (0.01, 0.01)
35-39 years	165,721	13,419,321	1,234.94	1,234.94 (1,229.03, 1,240.85)	0.01 (0.01, 0.01)
40-44 years	239,295	11,772,940	2,032.58	2,032.58 (2,024.52, 2,040.65)	0.02 (0.02, 0.02)
45-49 years	382,262	11,229,509	3,404.08	3,404.08 (3,393.48, 3,414.69)	0.03 (0.03, 0.03)
50-54 years	651,760	11,600,042	5,618.60	5,618.60 (5,605.35, 5,631.85)	0.06 (0.06, 0.06)
Hypertension					
10-14 years	32,017	15,095,946	212.09	212.09 (209.77, 214.41)	0.00 (0.00, 0.00)
15-19 years	76,555	14,639,846	522.92	522.92 (519.23, 526.62)	0.01 (0.01, 0.01)
20-24 years	175,920	15,269,057	1,152.13	1,152.13 (1,146.78, 1,157.49)	0.01 (0.01, 0.01)
25-29 years	396,870	17,573,012	2,258.41	2,258.41 (2,251.46, 2,265.35)	0.02 (0.02, 0.02)
30-34 years	709,636	15,433,788	4,597.94	4,597.94 (4,587.49, 4,608.39)	0.05 (0.05, 0.05)
35-39 years	1,102,680	13,419,321	8,217.11	8,217.11 (8,202.41, 8,231.80)	0.08 (0.08, 0.08)
40-44 years	1,541,443	11,772,940	13,093.10	13,093.10 (13,073.83, 13,112.37)	0.13 (0.13, 0.13)
45-49 years	2,171,289	11,229,509	19,335.56	19,335.56 (19,312.47, 19,358.66)	0.19 (0.19, 0.19)
50-54 years	3,057,655	11,600,042	26,359.00	26,359.00 (26,333.65, 26,384.35)	0.26 (0.26, 0.26)

Table 2b. Prevalence of the Selected Health Conditions among Eligible Individuals with Childbearing Potential in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023, by Age Group

	Total Number of ICBP ¹ with the Evaluated Condition	Total Number of Eligible ² ICBP ¹	Number of ICBP ¹ with the Evaluated Condition per 100,000 Eligible ² ICBP ¹	Number of ICBP ¹ with the Evaluated Condition per 100,000 Eligible ² ICBP ¹ (95% Confidence Interval)	Number of ICBP ¹ with the Evaluated Condition per Eligible ² ICBP ¹ (95% Confidence Interval)
Acute Myocardial Infarction					
10-14 years	91	15,095,946	0.60	0.60 (0.48, 0.73)	0.00 (0.00, 0.00)
15-19 years	763	14,639,846	5.21	5.21 (4.84, 5.58)	0.00 (0.00, 0.00)
20-24 years	2,753	15,269,057	18.03	18.03 (17.36, 18.70)	0.00 (0.00, 0.00)
25-29 years	5,584	17,573,012	31.78	31.78 (30.94, 32.61)	0.00 (0.00, 0.00)
30-34 years	10,258	15,433,788	66.46	66.46 (65.18, 67.75)	0.00 (0.00, 0.00)
35-39 years	17,164	13,419,321	127.91	127.91 (125.99, 129.82)	0.00 (0.00, 0.00)
40-44 years	27,854	11,772,940	236.59	236.59 (233.82, 239.37)	0.00 (0.00, 0.00)
45-49 years	44,367	11,229,509	395.09	395.09 (391.42, 398.76)	0.00 (0.00, 0.00)
50-54 years	70,399	11,600,042	606.89	606.89 (602.42, 611.36)	0.01 (0.01, 0.01)
Atrial Fibrillation and Flutter					
10-14 years	402	15,095,946	2.66	2.66 (2.40, 2.92)	0.00 (0.00, 0.00)
15-19 years	1,596	14,639,846	10.90	10.90 (10.37, 11.44)	0.00 (0.00, 0.00)
20-24 years	4,780	15,269,057	31.31	31.31 (30.42, 32.19)	0.00 (0.00, 0.00)
25-29 years	9,524	17,573,012	54.20	54.20 (53.11, 55.28)	0.00 (0.00, 0.00)
30-34 years	15,407	15,433,788	99.83	99.83 (98.25, 101.40)	0.00 (0.00, 0.00)
35-39 years	23,292	13,419,321	173.57	173.57 (171.34, 175.80)	0.00 (0.00, 0.00)
40-44 years	36,174	11,772,940	307.26	307.26 (304.10, 310.43)	0.00 (0.00, 0.00)
45-49 years	61,554	11,229,509	548.15	548.15 (543.83, 552.46)	0.01 (0.01, 0.01)
50-54 years	115,232	11,600,042	993.38	993.38 (987.67, 999.08)	0.01 (0.01, 0.01)
Heart Failure and Non-Ischemic Heart Disease					
10-14 years	4,117	15,095,946	27.27	27.27 (26.44, 28.11)	0.00 (0.00, 0.00)
15-19 years	6,533	14,639,846	44.62	44.62 (43.54, 45.71)	0.00 (0.00, 0.00)
20-24 years	14,639	15,269,057	95.87	95.87 (94.32, 97.43)	0.00 (0.00, 0.00)
25-29 years	29,458	17,573,012	167.63	167.63 (165.72, 169.54)	0.00 (0.00, 0.00)
30-34 years	47,466	15,433,788	307.55	307.55 (304.78, 310.31)	0.00 (0.00, 0.00)
35-39 years	71,494	13,419,321	532.77	532.77 (528.87, 536.66)	0.01 (0.01, 0.01)
40-44 years	104,492	11,772,940	887.56	887.56 (882.20, 892.92)	0.01 (0.01, 0.01)
45-49 years	164,427	11,229,509	1,464.24	1,464.24 (1,457.21, 1,471.27)	0.01 (0.01, 0.01)
50-54 years	268,839	11,600,042	2,317.57	2,317.57 (2,308.91, 2,326.23)	0.02 (0.02, 0.02)

Table 2b. Prevalence of the Selected Health Conditions among Eligible Individuals with Childbearing Potential in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023, by Age Group

	Total Number of ICBP ¹ with the Evaluated Condition	Total Number of Eligible ² ICBP ¹	Number of ICBP ¹ with the Evaluated Condition per 100,000 Eligible ² ICBP ¹	Number of ICBP ¹ with the Evaluated Condition per 100,000 Eligible ² ICBP ¹ (95% Confidence Interval)	Number of ICBP ¹ with the Evaluated Condition per Eligible ² ICBP ¹ (95% Confidence Interval)
Ischemic Heart Disease					
10-14 years	718	15,095,946	4.76	4.76 (4.41, 5.10)	0.00 (0.00, 0.00)
15-19 years	2,421	14,639,846	16.54	16.54 (15.88, 17.20)	0.00 (0.00, 0.00)
20-24 years	6,775	15,269,057	44.37	44.37 (43.31, 45.43)	0.00 (0.00, 0.00)
25-29 years	13,551	17,573,012	77.11	77.11 (75.81, 78.41)	0.00 (0.00, 0.00)
30-34 years	26,347	15,433,788	170.71	170.71 (168.65, 172.77)	0.00 (0.00, 0.00)
35-39 years	50,708	13,419,321	377.87	377.87 (374.59, 381.16)	0.00 (0.00, 0.00)
40-44 years	98,600	11,772,940	837.51	837.51 (832.31, 842.72)	0.01 (0.01, 0.01)
45-49 years	185,041	11,229,509	1,647.81	1,647.81 (1,640.36, 1,655.26)	0.02 (0.02, 0.02)
50-54 years	341,736	11,600,042	2,945.99	2,945.99 (2,936.26, 2,955.72)	0.03 (0.03, 0.03)
Stroke/Transient Ischemic Attack					
10-14 years	8,322	15,095,946	55.13	55.13 (53.94, 56.31)	0.00 (0.00, 0.00)
15-19 years	16,172	14,639,843	110.47	110.47 (108.76, 112.17)	0.00 (0.00, 0.00)
20-24 years	30,520	15,269,052	199.88	199.88 (197.64, 202.12)	0.00 (0.00, 0.00)
25-29 years	50,036	17,573,005	284.73	284.73 (282.24, 287.22)	0.00 (0.00, 0.00)
30-34 years	70,081	15,433,782	454.08	454.08 (450.72, 457.43)	0.00 (0.00, 0.00)
35-39 years	95,498	13,419,315	711.65	711.65 (707.15, 716.14)	0.01 (0.01, 0.01)
40-44 years	131,577	11,772,933	1,117.62	1,117.62 (1,111.62, 1,123.63)	0.01 (0.01, 0.01)
45-49 years	190,636	11,229,507	1,697.63	1,697.63 (1,690.08, 1,705.19)	0.02 (0.02, 0.02)
50-54 years	280,605	11,600,034	2,419.00	2,419.00 (2,410.16, 2,427.84)	0.02 (0.02, 0.02)
Hyperlipidemia					
10-14 years	108,917	15,095,946	721.50	721.50 (717.23, 725.77)	0.01 (0.01, 0.01)
15-19 years	121,746	14,639,846	831.61	831.61 (826.96, 836.26)	0.01 (0.01, 0.01)
20-24 years	152,225	15,269,057	996.95	996.95 (991.97, 1,001.93)	0.01 (0.01, 0.01)
25-29 years	273,032	17,573,012	1,553.70	1,553.70 (1,547.92, 1,559.48)	0.02 (0.02, 0.02)
30-34 years	454,488	15,433,788	2,944.76	2,944.76 (2,936.33, 2,953.19)	0.03 (0.03, 0.03)
35-39 years	720,929	13,419,321	5,372.32	5,372.32 (5,360.26, 5,384.38)	0.05 (0.05, 0.05)
40-44 years	1,096,323	11,772,940	9,312.23	9,312.23 (9,295.63, 9,328.83)	0.09 (0.09, 0.09)
45-49 years	1,662,595	11,229,509	14,805.59	14,805.59 (14,784.82, 14,826.36)	0.15 (0.15, 0.15)
50-54 years	2,538,507	11,600,042	21,883.60	21,883.60 (21,859.81, 21,907.40)	0.22 (0.22, 0.22)

Table 2b. Prevalence of the Selected Health Conditions among Eligible Individuals with Childbearing Potential in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023, by Age Group

	Total Number of ICBP ¹ with the Evaluated Condition	Total Number of Eligible ² ICBP ¹	Number of ICBP ¹ with the Evaluated Condition per 100,000 Eligible ² ICBP ¹	Number of ICBP ¹ with the Evaluated Condition per 100,000 Eligible ² ICBP ¹ (95% Confidence Interval)	Number of ICBP ¹ with the Evaluated Condition per Eligible ² ICBP ¹ (95% Confidence Interval)
Obesity					
10-14 years	305,483	15,095,946	2,023.61	2,023.61 (2,016.51, 2,030.71)	0.02 (0.02, 0.02)
15-19 years	421,759	14,639,846	2,880.90	2,880.90 (2,872.33, 2,889.47)	0.03 (0.03, 0.03)
20-24 years	841,675	15,269,057	5,512.29	5,512.29 (5,500.84, 5,523.74)	0.06 (0.06, 0.06)
25-29 years	1,291,914	17,573,012	7,351.69	7,351.69 (7,339.49, 7,363.90)	0.07 (0.07, 0.07)
30-34 years	1,446,764	15,433,788	9,374.00	9,374.00 (9,359.46, 9,388.55)	0.09 (0.09, 0.09)
35-39 years	1,467,636	13,419,321	10,936.74	10,936.74 (10,920.04, 10,953.44)	0.11 (0.11, 0.11)
40-44 years	1,465,955	11,772,940	12,451.90	12,451.90 (12,433.04, 12,470.76)	0.12 (0.12, 0.12)
45-49 years	1,597,355	11,229,509	14,224.62	14,224.62 (14,204.19, 14,245.05)	0.14 (0.14, 0.14)
50-54 years	1,816,686	11,600,042	15,661.03	15,661.03 (15,640.11, 15,681.94)	0.16 (0.16, 0.16)
Overweight					
10-14 years	105,149	15,095,946	696.54	696.54 (692.34, 700.73)	0.01 (0.01, 0.01)
15-19 years	110,944	14,639,846	757.82	757.82 (753.38, 762.26)	0.01 (0.01, 0.01)
20-24 years	211,607	15,269,057	1,385.86	1,385.86 (1,379.99, 1,391.72)	0.01 (0.01, 0.01)
25-29 years	283,667	17,573,012	1,614.22	1,614.22 (1,608.33, 1,620.11)	0.02 (0.02, 0.02)
30-34 years	321,115	15,433,788	2,080.60	2,080.60 (2,073.48, 2,087.72)	0.02 (0.02, 0.02)
35-39 years	354,170	13,419,321	2,639.25	2,639.25 (2,630.68, 2,647.83)	0.03 (0.03, 0.03)
40-44 years	383,042	11,772,940	3,253.58	3,253.58 (3,243.45, 3,263.71)	0.03 (0.03, 0.03)
45-49 years	442,244	11,229,509	3,938.23	3,938.23 (3,926.85, 3,949.61)	0.04 (0.04, 0.04)
50-54 years	520,051	11,600,042	4,483.18	4,483.18 (4,471.27, 4,495.09)	0.04 (0.04, 0.04)
Diabetes Type 1					
10-14 years	46,249	15,095,946	306.37	306.37 (303.58, 309.15)	0.00 (0.00, 0.00)
15-19 years	59,396	14,639,846	405.71	405.71 (402.46, 408.97)	0.00 (0.00, 0.00)
20-24 years	62,023	15,269,057	406.20	406.20 (403.01, 409.39)	0.00 (0.00, 0.00)
25-29 years	73,316	17,573,012	417.21	417.21 (414.19, 420.22)	0.00 (0.00, 0.00)
30-34 years	71,506	15,433,788	463.31	463.31 (459.92, 466.70)	0.00 (0.00, 0.00)
35-39 years	74,013	13,419,321	551.54	551.54 (547.58, 555.50)	0.01 (0.01, 0.01)
40-44 years	75,411	11,772,940	640.55	640.55 (635.99, 645.10)	0.01 (0.01, 0.01)
45-49 years	85,792	11,229,509	763.99	763.99 (758.89, 769.08)	0.01 (0.01, 0.01)
50-54 years	105,034	11,600,042	905.46	905.46 (900.01, 910.91)	0.01 (0.01, 0.01)

Table 2b. Prevalence of the Selected Health Conditions among Eligible Individuals with Childbearing Potential in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023, by Age Group

	Total Number of ICBP ¹ with the Evaluated Condition	Total Number of Eligible ² ICBP ¹	Number of ICBP ¹ with the Evaluated Condition per 100,000 Eligible ² ICBP ¹	Number of ICBP ¹ with the Evaluated Condition per 100,000 Eligible ² ICBP ¹ (95% Confidence Interval)	Number of ICBP ¹ with the Evaluated Condition per Eligible ² ICBP ¹ (95% Confidence Interval)
Diabetes Type 2					
10-14 years	30,213	15,095,946	200.14	200.14 (197.89, 202.39)	0.00 (0.00, 0.00)
15-19 years	62,399	14,639,846	426.23	426.23 (422.89, 429.56)	0.00 (0.00, 0.00)
20-24 years	108,435	15,269,057	710.16	710.16 (705.95, 714.37)	0.01 (0.01, 0.01)
25-29 years	202,442	17,573,012	1,152.01	1,152.01 (1,147.02, 1,156.99)	0.01 (0.01, 0.01)
30-34 years	328,421	15,433,788	2,127.94	2,127.94 (2,120.74, 2,135.14)	0.02 (0.02, 0.02)
35-39 years	496,948	13,419,321	3,703.23	3,703.23 (3,693.12, 3,713.33)	0.04 (0.04, 0.04)
40-44 years	696,569	11,772,940	5,916.70	5,916.70 (5,903.22, 5,930.17)	0.06 (0.06, 0.06)
45-49 years	988,875	11,229,509	8,806.04	8,806.04 (8,789.46, 8,822.61)	0.09 (0.09, 0.09)
50-54 years	1,437,262	11,600,042	12,390.14	12,390.14 (12,371.18, 12,409.10)	0.12 (0.12, 0.12)
Chronic Kidney Disease					
10-14 years	15,275	15,095,946	101.19	101.19 (99.58, 102.79)	0.00 (0.00, 0.00)
15-19 years	23,816	14,639,846	162.68	162.68 (160.61, 164.74)	0.00 (0.00, 0.00)
20-24 years	37,250	15,269,057	243.96	243.96 (241.48, 246.43)	0.00 (0.00, 0.00)
25-29 years	62,013	17,573,012	352.89	352.89 (350.12, 355.66)	0.00 (0.00, 0.00)
30-34 years	87,073	15,433,788	564.17	564.17 (560.43, 567.91)	0.01 (0.01, 0.01)
35-39 years	117,395	13,419,321	874.82	874.82 (869.84, 879.80)	0.01 (0.01, 0.01)
40-44 years	160,184	11,772,940	1,360.61	1,360.61 (1,353.99, 1,367.23)	0.01 (0.01, 0.01)
45-49 years	236,618	11,229,509	2,107.11	2,107.11 (2,098.71, 2,115.51)	0.02 (0.02, 0.02)
50-54 years	371,092	11,600,042	3,199.06	3,199.06 (3,188.93, 3,209.18)	0.03 (0.03, 0.03)

¹Individuals with Childbearing Potential (ICBP)

²Eligible Individuals and Eligible Person-Years are reflective of the number of patients that met all cohort entry criteria on at least one day during the query period.

Table 2c. Prevalence of the Selected Health Conditions Among Eligible Individuals with Childbearing Potential in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023, by Year¹

	Total Number of ICBP ² with the Evaluated Condition	Total Number of Eligible ³ ICBP ²	Number of ICBP ² with the Evaluated Condition per 100,000 Eligible ³ ICBP ²	Number of ICBP ² with the Evaluated Condition per 100,000 Eligible ³ ICBP ² (95% Confidence Interval)	Number of ICBP ² with the Evaluated Condition per Eligible ³ ICBP ² (95% Confidence Interval)
Depression					
2015	681,768	23,916,174	2,850.66	2,850.66 (2,843.99, 2,857.33)	0.03 (0.03, 0.03)
2016	2,851,938	40,536,689	7,035.45	7,035.45 (7,027.58, 7,043.32)	0.07 (0.07, 0.07)
2017	3,277,989	40,696,776	8,054.67	8,054.67 (8,046.30, 8,063.03)	0.08 (0.08, 0.08)
2018	3,324,440	39,221,801	8,476.00	8,476.00 (8,467.28, 8,484.72)	0.08 (0.08, 0.08)
2019	3,713,214	40,752,681	9,111.58	9,111.58 (9,102.75, 9,120.42)	0.09 (0.09, 0.09)
2020	3,841,370	40,197,200	9,556.31	9,556.31 (9,547.22, 9,565.40)	0.10 (0.10, 0.10)
2021	1,761,159	16,117,502	10,927.00	10,927.00 (10,911.77, 10,942.23)	0.11 (0.11, 0.11)
2022	1,594,390	16,231,750	9,822.66	9,822.66 (9,808.18, 9,837.14)	0.10 (0.10, 0.10)
2023	1,098,358	14,085,556	7,797.76	7,797.76 (7,783.76, 7,811.76)	0.08 (0.08, 0.08)
Anxiety Disorder					
2015	576,273	23,916,174	2,409.55	2,409.55 (2,403.41, 2,415.70)	0.02 (0.02, 0.02)
2016	2,814,538	40,536,689	6,943.19	6,943.19 (6,935.36, 6,951.01)	0.07 (0.07, 0.07)
2017	3,445,132	40,696,776	8,465.37	8,465.37 (8,456.82, 8,473.92)	0.08 (0.08, 0.08)
2018	3,600,673	39,221,801	9,180.28	9,180.28 (9,171.25, 9,189.32)	0.09 (0.09, 0.09)
2019	4,029,921	40,752,681	9,888.73	9,888.73 (9,879.56, 9,897.89)	0.10 (0.10, 0.10)
2020	4,383,606	40,197,200	10,905.25	10,905.25 (10,895.62, 10,914.89)	0.11 (0.11, 0.11)
2021	2,386,914	16,117,502	14,809.45	14,809.45 (14,792.11, 14,826.79)	0.15 (0.15, 0.15)
2022	2,506,316	16,231,750	15,440.82	15,440.82 (15,423.25, 15,458.40)	0.15 (0.15, 0.15)
2023	1,775,399	14,085,556	12,604.39	12,604.39 (12,587.06, 12,621.73)	0.13 (0.13, 0.13)
Attention Deficit Hyperactivity Disorders					
2015	187,686	23,916,174	784.77	784.77 (781.23, 788.30)	0.01 (0.01, 0.01)
2016	935,363	40,536,689	2,307.45	2,307.45 (2,302.83, 2,312.07)	0.02 (0.02, 0.02)
2017	991,759	40,696,776	2,436.95	2,436.95 (2,432.21, 2,441.68)	0.02 (0.02, 0.02)
2018	998,422	39,221,801	2,545.58	2,545.58 (2,540.65, 2,550.51)	0.03 (0.03, 0.03)
2019	1,112,522	40,752,681	2,729.94	2,729.94 (2,724.93, 2,734.94)	0.03 (0.03, 0.03)
2020	1,137,517	40,197,200	2,829.84	2,829.84 (2,824.72, 2,834.97)	0.03 (0.03, 0.03)
2021	546,389	16,117,502	3,390.04	3,390.04 (3,381.20, 3,398.87)	0.03 (0.03, 0.03)
2022	633,777	16,231,750	3,904.55	3,904.55 (3,895.13, 3,913.97)	0.04 (0.04, 0.04)
2023	495,277	14,085,556	3,516.20	3,516.20 (3,506.59, 3,525.82)	0.04 (0.04, 0.04)

Table 2c. Prevalence of the Selected Health Conditions Among Eligible Individuals with Childbearing Potential in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023, by Year¹

	Total Number of ICBP ² with the Evaluated Condition	Total Number of Eligible ³ ICBP ²	Number of ICBP ² with the Evaluated Condition per 100,000 Eligible ³ ICBP ²	Number of ICBP ² with the Evaluated Condition per 100,000 Eligible ³ ICBP ² (95% Confidence Interval)	Number of ICBP ² with the Evaluated Condition per Eligible ³ ICBP ² (95% Confidence Interval)
Personality Disorders					
2015	32,945	23,916,174	137.75	137.75 (136.27, 139.24)	0.00 (0.00, 0.00)
2016	135,296	40,536,689	333.76	333.76 (331.99, 335.54)	0.00 (0.00, 0.00)
2017	152,080	40,696,776	373.69	373.69 (371.82, 375.57)	0.00 (0.00, 0.00)
2018	154,298	39,221,801	393.40	393.40 (391.44, 395.36)	0.00 (0.00, 0.00)
2019	169,833	40,752,681	416.74	416.74 (414.76, 418.72)	0.00 (0.00, 0.00)
2020	173,610	40,197,200	431.90	431.90 (429.87, 433.92)	0.00 (0.00, 0.00)
2021	74,006	16,117,502	459.17	459.17 (455.86, 462.47)	0.00 (0.00, 0.00)
2022	74,744	16,231,750	460.48	460.48 (457.19, 463.77)	0.00 (0.00, 0.00)
2023	50,176	14,085,556	356.22	356.22 (353.11, 359.33)	0.00 (0.00, 0.00)
Schizophrenia and Other Psychotic Disorders					
2015	104,065	23,916,174	435.12	435.12 (432.49, 437.76)	0.00 (0.00, 0.00)
2016	342,954	40,536,689	846.03	846.03 (843.21, 848.85)	0.01 (0.01, 0.01)
2017	357,321	40,696,776	878.01	878.01 (875.14, 880.87)	0.01 (0.01, 0.01)
2018	352,360	39,221,801	898.38	898.38 (895.42, 901.33)	0.01 (0.01, 0.01)
2019	381,045	40,752,681	935.02	935.02 (932.06, 937.97)	0.01 (0.01, 0.01)
2020	373,601	40,197,200	929.42	929.42 (926.45, 932.39)	0.01 (0.01, 0.01)
2021	122,973	16,117,502	762.98	762.98 (758.73, 767.23)	0.01 (0.01, 0.01)
2022	114,216	16,231,750	703.66	703.66 (699.59, 707.72)	0.01 (0.01, 0.01)
2023	77,130	14,085,556	547.58	547.58 (543.73, 551.44)	0.01 (0.01, 0.01)
Bipolar Disorder					
2015	256,715	23,916,174	1,073.39	1,073.39 (1,069.26, 1,077.52)	0.01 (0.01, 0.01)
2016	935,514	40,536,689	2,307.82	2,307.82 (2,303.20, 2,312.44)	0.02 (0.02, 0.02)
2017	1,018,266	40,696,776	2,502.08	2,502.08 (2,497.28, 2,506.88)	0.03 (0.02, 0.03)
2018	994,412	39,221,801	2,535.36	2,535.36 (2,530.44, 2,540.27)	0.03 (0.03, 0.03)
2019	1,086,741	40,752,681	2,666.67	2,666.67 (2,661.73, 2,671.62)	0.03 (0.03, 0.03)
2020	1,111,522	40,197,200	2,765.17	2,765.17 (2,760.10, 2,770.24)	0.03 (0.03, 0.03)
2021	404,843	16,117,502	2,511.82	2,511.82 (2,504.18, 2,519.46)	0.03 (0.03, 0.03)
2022	400,444	16,231,750	2,467.04	2,467.04 (2,459.50, 2,474.59)	0.02 (0.02, 0.02)
2023	281,180	14,085,556	1,996.23	1,996.23 (1,988.92, 2,003.53)	0.02 (0.02, 0.02)

Table 2c. Prevalence of the Selected Health Conditions Among Eligible Individuals with Childbearing Potential in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023, by Year¹

	Total Number of ICBP ² with the Evaluated Condition	Total Number of Eligible ³ ICBP ²	Number of ICBP ² with the Evaluated Condition per 100,000 Eligible ³ ICBP ²	Number of ICBP ² with the Evaluated Condition per 100,000 Eligible ³ ICBP ² (95% Confidence Interval)	Number of ICBP ² with the Evaluated Condition per Eligible ³ ICBP ² (95% Confidence Interval)
Post-Traumatic Stress Disorder					
2015	136,602	23,916,174	571.17	571.17 (568.15, 574.19)	0.01 (0.01, 0.01)
2016	544,086	40,536,689	1,342.21	1,342.21 (1,338.66, 1,345.75)	0.01 (0.01, 0.01)
2017	617,921	40,696,776	1,518.35	1,518.35 (1,514.60, 1,522.11)	0.02 (0.02, 0.02)
2018	669,613	39,221,801	1,707.25	1,707.25 (1,703.19, 1,711.30)	0.02 (0.02, 0.02)
2019	801,071	40,752,681	1,965.69	1,965.69 (1,961.43, 1,969.95)	0.02 (0.02, 0.02)
2020	880,233	40,197,200	2,189.79	2,189.79 (2,185.26, 2,194.31)	0.02 (0.02, 0.02)
2021	310,023	16,117,502	1,923.52	1,923.52 (1,916.81, 1,930.22)	0.02 (0.02, 0.02)
2022	340,732	16,231,750	2,099.17	2,099.17 (2,092.20, 2,106.14)	0.02 (0.02, 0.02)
2023	252,343	14,085,556	1,791.50	1,791.50 (1,784.57, 1,798.43)	0.02 (0.02, 0.02)
Epilepsy/Convulsions					
2015	68,104	23,916,174	284.76	284.76 (282.63, 286.90)	0.00 (0.00, 0.00)
2016	322,531	40,536,689	795.65	795.65 (792.92, 798.39)	0.01 (0.01, 0.01)
2017	363,669	40,696,776	893.61	893.61 (890.72, 896.50)	0.01 (0.01, 0.01)
2018	358,032	39,221,801	912.84	912.84 (909.86, 915.82)	0.01 (0.01, 0.01)
2019	379,944	40,752,681	932.32	932.32 (929.37, 935.27)	0.01 (0.01, 0.01)
2020	364,970	40,197,200	907.95	907.95 (905.02, 910.88)	0.01 (0.01, 0.01)
2021	152,804	16,117,502	948.06	948.06 (943.33, 952.79)	0.01 (0.01, 0.01)
2022	147,004	16,231,750	905.66	905.66 (901.05, 910.27)	0.01 (0.01, 0.01)
2023	92,089	14,085,556	653.78	653.78 (649.57, 657.99)	0.01 (0.01, 0.01)
Migraine/Headache					
2015	174,147	23,916,174	728.16	728.16 (724.75, 731.56)	0.01 (0.01, 0.01)
2016	969,509	40,536,689	2,391.68	2,391.68 (2,386.98, 2,396.39)	0.02 (0.02, 0.02)
2017	1,173,407	40,696,776	2,883.29	2,883.29 (2,878.15, 2,888.43)	0.03 (0.03, 0.03)
2018	1,172,897	39,221,801	2,990.42	2,990.42 (2,985.09, 2,995.75)	0.03 (0.03, 0.03)
2019	1,233,280	40,752,681	3,026.25	3,026.25 (3,021.00, 3,031.51)	0.03 (0.03, 0.03)
2020	1,187,731	40,197,200	2,954.76	2,954.76 (2,949.53, 2,960.00)	0.03 (0.03, 0.03)
2021	686,586	16,117,502	4,259.88	4,259.88 (4,250.02, 4,269.74)	0.04 (0.04, 0.04)
2022	682,632	16,231,750	4,205.54	4,205.54 (4,195.77, 4,215.30)	0.04 (0.04, 0.04)
2023	430,819	14,085,556	3,058.59	3,058.59 (3,049.59, 3,067.58)	0.03 (0.03, 0.03)

Table 2c. Prevalence of the Selected Health Conditions Among Eligible Individuals with Childbearing Potential in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023, by Year¹

	Total Number of ICBP ² with the Evaluated Condition	Total Number of Eligible ³ ICBP ²	Number of ICBP ² with the Evaluated Condition per 100,000 Eligible ³ ICBP ²	Number of ICBP ² with the Evaluated Condition per 100,000 Eligible ³ ICBP ² (95% Confidence Interval)	Number of ICBP ² with the Evaluated Condition per Eligible ³ ICBP ² (95% Confidence Interval)
Pain Conditions					
2015	448,170	23,916,174	1,873.92	1,873.92 (1,868.49, 1,879.35)	0.02 (0.02, 0.02)
2016	1,707,851	40,536,689	4,213.10	4,213.10 (4,206.92, 4,219.28)	0.04 (0.04, 0.04)
2017	1,941,310	40,696,776	4,770.18	4,770.18 (4,763.63, 4,776.73)	0.05 (0.05, 0.05)
2018	1,884,907	39,221,801	4,805.76	4,805.76 (4,799.07, 4,812.46)	0.05 (0.05, 0.05)
2019	1,875,756	40,752,681	4,602.78	4,602.78 (4,596.35, 4,609.21)	0.05 (0.05, 0.05)
2020	1,759,956	40,197,200	4,378.30	4,378.30 (4,371.98, 4,384.63)	0.04 (0.04, 0.04)
2021	1,043,827	16,117,502	6,476.36	6,476.36 (6,464.34, 6,488.37)	0.06 (0.06, 0.06)
2022	1,009,376	16,231,750	6,218.53	6,218.53 (6,206.78, 6,230.28)	0.06 (0.06, 0.06)
2023	637,623	14,085,556	4,526.79	4,526.79 (4,515.93, 4,537.64)	0.05 (0.05, 0.05)
Multiple Sclerosis					
2015	36,422	23,916,174	152.29	152.29 (150.73, 153.85)	0.00 (0.00, 0.00)
2016	92,853	40,536,689	229.06	229.06 (227.59, 230.53)	0.00 (0.00, 0.00)
2017	97,937	40,696,776	240.65	240.65 (239.15, 242.16)	0.00 (0.00, 0.00)
2018	93,748	39,221,801	239.02	239.02 (237.49, 240.55)	0.00 (0.00, 0.00)
2019	96,322	40,752,681	236.36	236.36 (234.87, 237.85)	0.00 (0.00, 0.00)
2020	93,043	40,197,200	231.47	231.47 (229.98, 232.95)	0.00 (0.00, 0.00)
2021	59,430	16,117,502	368.73	368.73 (365.77, 371.69)	0.00 (0.00, 0.00)
2022	56,930	16,231,750	350.73	350.73 (347.86, 353.61)	0.00 (0.00, 0.00)
2023	42,457	14,085,556	301.42	301.42 (298.56, 304.29)	0.00 (0.00, 0.00)
Alzheimer's Disease					
2015	695	23,916,174	2.91	2.91 (2.69, 3.12)	0.00 (0.00, 0.00)
2016	2,697	40,536,689	6.65	6.65 (6.40, 6.90)	0.00 (0.00, 0.00)
2017	2,706	40,696,776	6.65	6.65 (6.40, 6.90)	0.00 (0.00, 0.00)
2018	2,596	39,221,801	6.62	6.62 (6.36, 6.87)	0.00 (0.00, 0.00)
2019	2,602	40,752,681	6.38	6.38 (6.14, 6.63)	0.00 (0.00, 0.00)
2020	2,203	40,197,200	5.48	5.48 (5.25, 5.71)	0.00 (0.00, 0.00)
2021	1,470	16,117,502	9.12	9.12 (8.65, 9.59)	0.00 (0.00, 0.00)
2022	1,412	16,231,750	8.70	8.70 (8.25, 9.15)	0.00 (0.00, 0.00)
2023	793	14,085,556	5.63	5.63 (5.24, 6.02)	0.00 (0.00, 0.00)

Table 2c. Prevalence of the Selected Health Conditions Among Eligible Individuals with Childbearing Potential in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023, by Year¹

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Non-Alzheimer's Dementia					
2015	7,001	23,916,174	29.27	29.27 (28.59, 29.96)	0.00 (0.00, 0.00)
2016	30,755	40,536,689	75.87	75.87 (75.02, 76.72)	0.00 (0.00, 0.00)
2017	33,800	40,696,776	83.05	83.05 (82.17, 83.94)	0.00 (0.00, 0.00)
2018	25,422	39,221,801	64.82	64.82 (64.02, 65.61)	0.00 (0.00, 0.00)
2019	26,527	40,752,681	65.09	65.09 (64.31, 65.88)	0.00 (0.00, 0.00)
2020	25,923	40,197,200	64.49	64.49 (63.70, 65.27)	0.00 (0.00, 0.00)
2021	13,335	16,117,502	82.74	82.74 (81.33, 84.14)	0.00 (0.00, 0.00)
2022	12,158	16,231,750	74.90	74.90 (73.57, 76.23)	0.00 (0.00, 0.00)
2023	5,849	14,085,556	41.52	41.52 (40.46, 42.59)	0.00 (0.00, 0.00)
Parkinson's Disease and Secondary Parkinsonism					
2015	1,664	23,916,174	6.96	6.96 (6.62, 7.29)	0.00 (0.00, 0.00)
2016	6,304	40,536,689	15.55	15.55 (15.17, 15.94)	0.00 (0.00, 0.00)
2017	6,662	40,696,776	16.37	16.37 (15.98, 16.76)	0.00 (0.00, 0.00)
2018	6,414	39,221,801	16.35	16.35 (15.95, 16.75)	0.00 (0.00, 0.00)
2019	6,606	40,752,681	16.21	16.21 (15.82, 16.60)	0.00 (0.00, 0.00)
2020	6,104	40,197,200	15.19	15.19 (14.80, 15.57)	0.00 (0.00, 0.00)
2021	4,173	16,117,502	25.89	25.89 (25.11, 26.68)	0.00 (0.00, 0.00)
2022	4,023	16,231,750	24.78	24.78 (24.02, 25.55)	0.00 (0.00, 0.00)
2023	2,464	14,085,556	17.49	17.49 (16.80, 18.18)	0.00 (0.00, 0.00)
Asthma					
2015	212,605	23,916,174	888.96	888.96 (885.20, 892.72)	0.01 (0.01, 0.01)
2016	1,314,298	40,536,689	3,242.24	3,242.24 (3,236.79, 3,247.70)	0.03 (0.03, 0.03)
2017	1,636,261	40,696,776	4,020.62	4,020.62 (4,014.58, 4,026.65)	0.04 (0.04, 0.04)
2018	1,621,177	39,221,801	4,133.36	4,133.36 (4,127.13, 4,139.59)	0.04 (0.04, 0.04)
2019	1,704,083	40,752,681	4,181.52	4,181.52 (4,175.38, 4,187.67)	0.04 (0.04, 0.04)
2020	1,643,629	40,197,200	4,088.91	4,088.91 (4,082.79, 4,095.04)	0.04 (0.04, 0.04)
2021	690,696	16,117,502	4,285.38	4,285.38 (4,275.49, 4,295.27)	0.04 (0.04, 0.04)
2022	676,464	16,231,750	4,167.54	4,167.54 (4,157.81, 4,177.26)	0.04 (0.04, 0.04)
2023	402,793	14,085,556	2,859.62	2,859.62 (2,850.91, 2,868.32)	0.03 (0.03, 0.03)

Table 2c. Prevalence of the Selected Health Conditions Among Eligible Individuals with Childbearing Potential in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023, by Year¹

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Pulmonary Embolism					
2015	7,091	23,916,174	29.65	29.65 (28.96, 30.34)	0.00 (0.00, 0.00)
2016	34,453	40,536,689	84.99	84.99 (84.10, 85.89)	0.00 (0.00, 0.00)
2017	35,248	40,696,776	86.61	86.61 (85.71, 87.52)	0.00 (0.00, 0.00)
2018	33,504	39,221,801	85.42	85.42 (84.51, 86.34)	0.00 (0.00, 0.00)
2019	36,758	40,752,681	90.20	90.20 (89.28, 91.12)	0.00 (0.00, 0.00)
2020	37,487	40,197,200	93.26	93.26 (92.31, 94.20)	0.00 (0.00, 0.00)
2021	17,422	16,117,502	108.09	108.09 (106.49, 109.70)	0.00 (0.00, 0.00)
2022	14,464	16,231,750	89.11	89.11 (87.66, 90.56)	0.00 (0.00, 0.00)
2023	6,394	14,085,556	45.39	45.39 (44.28, 46.51)	0.00 (0.00, 0.00)
Chronic Obstructive Pulmonary Disease					
2015	110,143	23,916,174	460.54	460.54 (457.82, 463.25)	0.00 (0.00, 0.00)
2016	458,333	40,536,689	1,130.66	1,130.66 (1,127.41, 1,133.92)	0.01 (0.01, 0.01)
2017	508,014	40,696,776	1,248.29	1,248.29 (1,244.88, 1,251.70)	0.01 (0.01, 0.01)
2018	456,724	39,221,801	1,164.46	1,164.46 (1,161.11, 1,167.82)	0.01 (0.01, 0.01)
2019	458,484	40,752,681	1,125.04	1,125.04 (1,121.80, 1,128.28)	0.01 (0.01, 0.01)
2020	377,549	40,197,200	939.24	939.24 (936.26, 942.22)	0.01 (0.01, 0.01)
2021	149,546	16,117,502	927.85	927.85 (923.17, 932.53)	0.01 (0.01, 0.01)
2022	137,342	16,231,750	846.13	846.13 (841.68, 850.59)	0.01 (0.01, 0.01)
2023	81,328	14,085,556	577.39	577.39 (573.43, 581.34)	0.01 (0.01, 0.01)
Hypertension					
2015	507,710	23,916,174	2,122.87	2,122.87 (2,117.10, 2,128.65)	0.02 (0.02, 0.02)
2016	2,397,193	40,536,689	5,913.64	5,913.64 (5,906.38, 5,920.90)	0.06 (0.06, 0.06)
2017	2,695,261	40,696,776	6,622.79	6,622.79 (6,615.15, 6,630.43)	0.07 (0.07, 0.07)
2018	2,611,676	39,221,801	6,658.74	6,658.74 (6,650.93, 6,666.54)	0.07 (0.07, 0.07)
2019	2,686,382	40,752,681	6,591.91	6,591.91 (6,584.30, 6,599.53)	0.07 (0.07, 0.07)
2020	2,562,714	40,197,200	6,375.35	6,375.35 (6,367.80, 6,382.91)	0.06 (0.06, 0.06)
2021	1,357,941	16,117,502	8,425.26	8,425.26 (8,411.70, 8,438.82)	0.08 (0.08, 0.08)
2022	1,323,121	16,231,750	8,151.44	8,151.44 (8,138.13, 8,164.75)	0.08 (0.08, 0.08)
2023	914,360	14,085,556	6,491.47	6,491.47 (6,478.61, 6,504.34)	0.06 (0.06, 0.07)

Table 2c. Prevalence of the Selected Health Conditions Among Eligible Individuals with Childbearing Potential in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023, by Year¹

	Total Number of ICBP ² with the Evaluated Condition	Total Number of Eligible ³ ICBP ²	Number of ICBP ² with the Evaluated Condition per 100,000 Eligible ³ ICBP ²	Number of ICBP ² with the Evaluated Condition per 100,000 Eligible ³ ICBP ² (95% Confidence Interval)	Number of ICBP ² with the Evaluated Condition per Eligible ³ ICBP ² (95% Confidence Interval)
Acute Myocardial Infarction					
2015	5,660	23,916,174	23.67	23.67 (23.05, 24.28)	0.00 (0.00, 0.00)
2016	28,426	40,536,689	70.12	70.12 (69.31, 70.94)	0.00 (0.00, 0.00)
2017	30,458	40,696,776	74.84	74.84 (74.00, 75.68)	0.00 (0.00, 0.00)
2018	30,066	39,221,801	76.66	76.66 (75.79, 77.52)	0.00 (0.00, 0.00)
2019	32,859	40,752,681	80.63	80.63 (79.76, 81.50)	0.00 (0.00, 0.00)
2020	33,477	40,197,200	83.28	83.28 (82.39, 84.17)	0.00 (0.00, 0.00)
2021	14,426	16,117,502	89.51	89.51 (88.05, 90.97)	0.00 (0.00, 0.00)
2022	13,350	16,231,750	82.25	82.25 (80.85, 83.64)	0.00 (0.00, 0.00)
2023	5,689	14,085,556	40.39	40.39 (39.34, 41.44)	0.00 (0.00, 0.00)
Atrial Fibrillation and Flutter					
2015	16,146	23,916,174	67.51	67.51 (66.47, 68.55)	0.00 (0.00, 0.00)
2016	58,493	40,536,689	144.30	144.30 (143.13, 145.46)	0.00 (0.00, 0.00)
2017	63,965	40,696,776	157.17	157.17 (155.96, 158.39)	0.00 (0.00, 0.00)
2018	62,965	39,221,801	160.54	160.54 (159.28, 161.79)	0.00 (0.00, 0.00)
2019	66,340	40,752,681	162.79	162.79 (161.55, 164.02)	0.00 (0.00, 0.00)
2020	63,851	40,197,200	158.84	158.84 (157.61, 160.08)	0.00 (0.00, 0.00)
2021	37,166	16,117,502	230.59	230.59 (228.25, 232.94)	0.00 (0.00, 0.00)
2022	35,986	16,231,750	221.70	221.70 (219.41, 223.99)	0.00 (0.00, 0.00)
2023	23,003	14,085,556	163.31	163.31 (161.20, 165.42)	0.00 (0.00, 0.00)
Heart Failure and Non-Ischemic Heart Disease					
2015	41,799	23,916,174	174.77	174.77 (173.10, 176.45)	0.00 (0.00, 0.00)
2016	156,852	40,536,689	386.94	386.94 (385.03, 388.85)	0.00 (0.00, 0.00)
2017	173,429	40,696,776	426.15	426.15 (424.15, 428.15)	0.00 (0.00, 0.00)
2018	172,587	39,221,801	440.03	440.03 (437.96, 442.10)	0.00 (0.00, 0.00)
2019	188,032	40,752,681	461.40	461.40 (459.32, 463.48)	0.00 (0.00, 0.00)
2020	183,354	40,197,200	456.14	456.14 (454.05, 458.22)	0.00 (0.00, 0.00)
2021	90,206	16,117,502	559.68	559.68 (556.04, 563.32)	0.01 (0.01, 0.01)
2022	85,339	16,231,750	525.75	525.75 (522.24, 529.27)	0.01 (0.01, 0.01)
2023	53,739	14,085,556	381.52	381.52 (378.30, 384.74)	0.00 (0.00, 0.00)

Table 2c. Prevalence of the Selected Health Conditions Among Eligible Individuals with Childbearing Potential in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023, by Year¹

	Total Number of ICBP ² with the Evaluated Condition	Total Number of Eligible ³ ICBP ²	Number of ICBP ² with the Evaluated Condition per 100,000 Eligible ³ ICBP ²	Number of ICBP ² with the Evaluated Condition per 100,000 Eligible ³ ICBP ² (95% Confidence Interval)	Number of ICBP ² with the Evaluated Condition per Eligible ³ ICBP ² (95% Confidence Interval)
Ischemic Heart Disease					
2015	41,184	23,916,174	172.20	172.20 (170.54, 173.86)	0.00 (0.00, 0.00)
2016	169,921	40,536,689	419.18	419.18 (417.19, 421.17)	0.00 (0.00, 0.00)
2017	183,481	40,696,776	450.85	450.85 (448.79, 452.91)	0.00 (0.00, 0.00)
2018	174,931	39,221,801	446.00	446.00 (443.92, 448.09)	0.00 (0.00, 0.00)
2019	178,527	40,752,681	438.07	438.07 (436.05, 440.10)	0.00 (0.00, 0.00)
2020	165,777	40,197,200	412.41	412.41 (410.43, 414.39)	0.00 (0.00, 0.00)
2021	90,082	16,117,502	558.91	558.91 (555.27, 562.55)	0.01 (0.01, 0.01)
2022	83,571	16,231,750	514.86	514.86 (511.38, 518.34)	0.01 (0.01, 0.01)
2023	50,307	14,085,556	357.15	357.15 (354.04, 360.27)	0.00 (0.00, 0.00)
Stroke/Transient Ischemic Attack					
2015	46,409	23,916,156	194.05	194.05 (192.28, 195.81)	0.00 (0.00, 0.00)
2016	186,702	40,536,673	460.58	460.58 (458.49, 462.66)	0.00 (0.00, 0.00)
2017	181,617	40,696,762	446.27	446.27 (444.22, 448.32)	0.00 (0.00, 0.00)
2018	167,261	39,221,778	426.45	426.45 (424.41, 428.49)	0.00 (0.00, 0.00)
2019	179,383	40,752,636	440.18	440.18 (438.14, 442.21)	0.00 (0.00, 0.00)
2020	165,042	40,197,161	410.58	410.58 (408.60, 412.56)	0.00 (0.00, 0.00)
2021	77,556	16,117,502	481.19	481.19 (477.81, 484.57)	0.00 (0.00, 0.00)
2022	74,686	16,231,749	460.12	460.12 (456.83, 463.42)	0.00 (0.00, 0.00)
2023	41,159	14,085,555	292.21	292.21 (289.39, 295.03)	0.00 (0.00, 0.00)
Hyperlipidemia					
2015	263,995	23,916,174	1,103.83	1,103.83 (1,099.65, 1,108.02)	0.01 (0.01, 0.01)
2016	1,490,398	40,536,689	3,676.66	3,676.66 (3,670.87, 3,682.46)	0.04 (0.04, 0.04)
2017	1,797,684	40,696,776	4,417.26	4,417.26 (4,410.95, 4,423.58)	0.04 (0.04, 0.04)
2018	1,775,074	39,221,801	4,525.73	4,525.73 (4,519.23, 4,532.24)	0.05 (0.05, 0.05)
2019	1,813,651	40,752,681	4,450.38	4,450.38 (4,444.05, 4,456.72)	0.04 (0.04, 0.04)
2020	1,765,055	40,197,200	4,390.99	4,390.99 (4,384.66, 4,397.32)	0.04 (0.04, 0.04)
2021	1,174,810	16,117,502	7,289.03	7,289.03 (7,276.34, 7,301.72)	0.07 (0.07, 0.07)
2022	1,207,674	16,231,750	7,440.20	7,440.20 (7,427.43, 7,452.96)	0.07 (0.07, 0.07)
2023	827,915	14,085,556	5,877.76	5,877.76 (5,865.48, 5,890.04)	0.06 (0.06, 0.06)

Table 2c. Prevalence of the Selected Health Conditions Among Eligible Individuals with Childbearing Potential in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023, by Year¹

	Total Number of ICBP ² with the Evaluated Condition	Total Number of Eligible ³ ICBP ²	Number of ICBP ² with the Evaluated Condition per 100,000 Eligible ³ ICBP ²	Number of ICBP ² with the Evaluated Condition per 100,000 Eligible ³ ICBP ² (95% Confidence Interval)	Number of ICBP ² with the Evaluated Condition per Eligible ³ ICBP ² (95% Confidence Interval)
Obesity					
2015	275,997	23,916,174	1,154.02	1,154.02 (1,149.74, 1,158.30)	0.01 (0.01, 0.01)
2016	1,796,570	40,536,689	4,431.96	4,431.96 (4,425.62, 4,438.30)	0.04 (0.04, 0.04)
2017	2,418,518	40,696,776	5,942.78	5,942.78 (5,935.51, 5,950.04)	0.06 (0.06, 0.06)
2018	2,620,693	39,221,801	6,681.73	6,681.73 (6,673.91, 6,689.54)	0.07 (0.07, 0.07)
2019	2,782,720	40,752,681	6,828.31	6,828.31 (6,820.57, 6,836.06)	0.07 (0.07, 0.07)
2020	2,637,034	40,197,200	6,560.24	6,560.24 (6,552.59, 6,567.90)	0.07 (0.07, 0.07)
2021	1,525,267	16,117,502	9,463.42	9,463.42 (9,449.13, 9,477.71)	0.09 (0.09, 0.09)
2022	1,570,695	16,231,750	9,676.68	9,676.68 (9,662.30, 9,691.07)	0.10 (0.10, 0.10)
2023	1,111,992	14,085,556	7,894.56	7,894.56 (7,880.47, 7,908.64)	0.08 (0.08, 0.08)
Overweight					
2015	32,765	23,916,174	137.00	137.00 (135.52, 138.48)	0.00 (0.00, 0.00)
2016	314,282	40,536,689	775.30	775.30 (772.60, 778.00)	0.01 (0.01, 0.01)
2017	504,208	40,696,776	1,238.94	1,238.94 (1,235.54, 1,242.34)	0.01 (0.01, 0.01)
2018	619,660	39,221,801	1,579.89	1,579.89 (1,575.98, 1,583.79)	0.02 (0.02, 0.02)
2019	671,017	40,752,681	1,646.56	1,646.56 (1,642.65, 1,650.47)	0.02 (0.02, 0.02)
2020	567,567	40,197,200	1,411.96	1,411.96 (1,408.31, 1,415.60)	0.01 (0.01, 0.01)
2021	388,460	16,117,502	2,410.17	2,410.17 (2,402.69, 2,417.66)	0.02 (0.02, 0.02)
2022	406,394	16,231,750	2,503.70	2,503.70 (2,496.10, 2,511.30)	0.03 (0.02, 0.03)
2023	274,223	14,085,556	1,946.84	1,946.84 (1,939.62, 1,954.05)	0.02 (0.02, 0.02)
Diabetes Type 1					
2015	61,496	23,916,174	257.13	257.13 (255.10, 259.16)	0.00 (0.00, 0.00)
2016	185,183	40,536,689	456.83	456.83 (454.75, 458.90)	0.00 (0.00, 0.00)
2017	196,367	40,696,776	482.51	482.51 (480.38, 484.64)	0.00 (0.00, 0.00)
2018	188,774	39,221,801	481.30	481.30 (479.13, 483.46)	0.00 (0.00, 0.00)
2019	194,645	40,752,681	477.63	477.63 (475.51, 479.74)	0.00 (0.00, 0.00)
2020	193,032	40,197,200	480.21	480.21 (478.08, 482.35)	0.00 (0.00, 0.00)
2021	85,418	16,117,502	529.97	529.97 (526.43, 533.52)	0.01 (0.01, 0.01)
2022	83,303	16,231,750	513.21	513.21 (509.73, 516.69)	0.01 (0.01, 0.01)
2023	62,321	14,085,556	442.45	442.45 (438.98, 445.91)	0.00 (0.00, 0.00)

Table 2c. Prevalence of the Selected Health Conditions Among Eligible Individuals with Childbearing Potential in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023, by Year¹

	Total Number of ICBP ² with the Evaluated Condition	Total Number of Eligible ³ ICBP ²	Number of ICBP ² with the Evaluated Condition per 100,000 Eligible ³ ICBP ²	Number of ICBP ² with the Evaluated Condition per 100,000 Eligible ³ ICBP ² (95% Confidence Interval)	Number of ICBP ² with the Evaluated Condition per Eligible ³ ICBP ² (95% Confidence Interval)
Diabetes Type 2					
2015	337,421	23,916,174	1,410.85	1,410.85 (1,406.12, 1,415.58)	0.01 (0.01, 0.01)
2016	1,223,928	40,536,689	3,019.31	3,019.31 (3,014.04, 3,024.58)	0.03 (0.03, 0.03)
2017	1,338,135	40,696,776	3,288.06	3,288.06 (3,282.58, 3,293.54)	0.03 (0.03, 0.03)
2018	1,280,110	39,221,801	3,263.77	3,263.77 (3,258.21, 3,269.33)	0.03 (0.03, 0.03)
2019	1,314,935	40,752,681	3,226.62	3,226.62 (3,221.20, 3,232.05)	0.03 (0.03, 0.03)
2020	1,301,988	40,197,200	3,239.00	3,239.00 (3,233.53, 3,244.47)	0.03 (0.03, 0.03)
2021	593,230	16,117,502	3,680.66	3,680.66 (3,671.46, 3,689.85)	0.04 (0.04, 0.04)
2022	583,470	16,231,750	3,594.62	3,594.62 (3,585.57, 3,603.68)	0.04 (0.04, 0.04)
2023	434,514	14,085,556	3,084.82	3,084.82 (3,075.79, 3,093.85)	0.03 (0.03, 0.03)
Chronic Kidney Disease					
2015	91,007	23,916,174	380.52	380.52 (378.06, 382.99)	0.00 (0.00, 0.00)
2016	259,817	40,536,689	640.94	640.94 (638.49, 643.40)	0.01 (0.01, 0.01)
2017	290,522	40,696,776	713.87	713.87 (711.28, 716.46)	0.01 (0.01, 0.01)
2018	290,354	39,221,801	740.29	740.29 (737.60, 742.97)	0.01 (0.01, 0.01)
2019	305,991	40,752,681	750.85	750.85 (748.20, 753.50)	0.01 (0.01, 0.01)
2020	301,594	40,197,200	750.29	750.29 (747.62, 752.95)	0.01 (0.01, 0.01)
2021	171,745	16,117,502	1,065.58	1,065.58 (1,060.57, 1,070.59)	0.01 (0.01, 0.01)
2022	165,586	16,231,750	1,020.14	1,020.14 (1,015.25, 1,025.02)	0.01 (0.01, 0.01)
2023	113,315	14,085,556	804.48	804.48 (799.81, 809.14)	0.01 (0.01, 0.01)

¹As the query start date was October 1, 2015, the year 2015 only included data from October 1 to December 31. There were partial data in years 2022 and 2023 due to the Data Partners' end dates.

²Individuals with Childbearing Potential (ICBP)

³Eligible Individuals and Eligible Person-Years are reflective of the number of patients that met all cohort entry criteria on at least one day during the query period.

Table 3. Summary of Patient-Level Cohort Attrition in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023

	Depression		Anxiety Disorder		Attention Deficit Hyperactivity Disorders	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements¹						
Enrolled at any point during the query period	316,138,887	N/A ²	316,138,887	N/A ²	316,138,887	N/A ²
Had required coverage type (medical and/or drug coverage)	242,591,950	73,546,937	242,591,950	73,546,937	242,591,950	73,546,937
Enrolled during specified age range	176,372,080	66,219,870	176,372,080	66,219,870	176,372,080	66,219,870
Had requestable medical charts	176,372,080	0	176,372,080	0	176,372,080	0
Met demographic requirements (sex, race, and Hispanic origin) ³	91,310,625	85,061,455	91,310,625	85,061,455	91,310,625	85,061,455
Members with a valid index event						
Had any cohort-defining claim during the query period	12,274,438	79,036,187	13,898,421	77,412,204	3,631,690	87,678,935
Claim recorded during specified age range	11,387,275	887,163	12,848,218	1,050,203	3,352,700	278,990
Episode defining index claim recorded during the query period	11,387,275	0	12,848,218	0	3,352,700	0
Members with required pre-index history						
Had sufficient pre-index continuous enrollment	11,387,275	0	12,848,218	0	3,352,700	0
Met inclusion and exclusion criteria ⁴	11,387,275	0	12,848,218	0	3,352,700	0
Evidence of Stroke Exclusion	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²
Had sufficient post-index continuous enrollment	11,387,275	0	12,848,218	0	3,352,700	0
Final cohort						
Number of members	11,387,275	N/A ²	12,848,218	N/A ²	3,352,700	N/A ²
Number of episodes	11,387,275	N/A ²	12,848,218	N/A ²	3,352,700	N/A ²

Table 3. Summary of Patient-Level Cohort Attrition in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023

	Personality Disorders		Schizophrenia and Other Psychotic Disorders		Bipolar Disorder	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements¹						
Enrolled at any point during the query period	316,138,887	N/A ²	316,138,887	N/A ²	316,138,887	N/A ²
Had required coverage type (medical and/or drug coverage)	242,591,950	73,546,937	242,591,950	73,546,937	242,591,950	73,546,937
Enrolled during specified age range	176,372,080	66,219,870	176,372,080	66,219,870	176,372,080	66,219,870
Had requestable medical charts	176,372,080	0	176,372,080	0	176,372,080	0
Met demographic requirements (sex, race, and Hispanic origin) ³	91,310,625	85,061,455	91,310,625	85,061,455	91,310,625	85,061,455
Members with a valid index event						
Had any cohort-defining claim during the query period	606,954	90,703,671	1,090,163	90,220,462	3,232,596	88,078,029
Claim recorded during specified age range	574,101	32,853	1,004,688	85,475	3,027,077	205,519
Episode defining index claim recorded during the query period	574,101	0	1,004,688	0	3,027,077	0
Members with required pre-index history						
Had sufficient pre-index continuous enrollment	574,101	0	1,004,688	0	3,027,077	0
Met inclusion and exclusion criteria ⁴	574,101	0	1,004,688	0	3,027,077	0
Evidence of Stroke Exclusion	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²
Had sufficient post-index continuous enrollment	574,101	0	1,004,688	0	3,027,077	0
Final cohort						
Number of members	574,101	N/A ²	1,004,688	N/A ²	3,027,077	N/A ²
Number of episodes	574,101	N/A ²	1,004,688	N/A ²	3,027,077	N/A ²

Table 3. Summary of Patient-Level Cohort Attrition in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023

	Post-Traumatic Stress Disorder		Epilepsy/Convulsions		Migraine/Headache	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements¹						
Enrolled at any point during the query period	316,138,887	N/A ²	316,138,887	N/A ²	316,138,887	N/A ²
Had required coverage type (medical and/or drug coverage)	242,591,950	73,546,937	242,591,950	73,546,937	242,591,950	73,546,937
Enrolled during specified age range	176,372,080	66,219,870	176,372,080	66,219,870	176,372,080	66,219,870
Had requestable medical charts	176,372,080	0	176,372,080	0	176,372,080	0
Met demographic requirements (sex, race, and Hispanic origin) ³	91,310,625	85,061,455	91,310,625	85,061,455	91,310,625	85,061,455
Members with a valid index event						
Had any cohort-defining claim during the query period	2,609,592	88,701,033	1,077,034	90,233,591	4,622,894	86,687,731
Claim recorded during specified age range	2,442,102	167,490	968,516	108,518	4,283,057	339,837
Episode defining index claim recorded during the query period	2,442,102	0	968,516	0	4,283,057	0
Members with required pre-index history						
Had sufficient pre-index continuous enrollment	2,442,102	0	968,516	0	4,283,057	0
Met inclusion and exclusion criteria ⁴	2,442,102	0	968,516	0	4,283,057	0
Evidence of Stroke Exclusion	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²
Had sufficient post-index continuous enrollment	2,442,102	0	968,516	0	4,283,057	0
Final cohort						
Number of members	2,442,102	N/A ²	968,516	N/A ²	4,283,057	N/A ²
Number of episodes	2,442,102	N/A ²	968,516	N/A ²	4,283,057	N/A ²

Table 3. Summary of Patient-Level Cohort Attrition in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023

	Pain Conditions		Multiple Sclerosis		Alzheimer's Disease	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements¹						
Enrolled at any point during the query period	316,138,887	N/A ²	316,138,887	N/A ²	316,138,887	N/A ²
Had required coverage type (medical and/or drug coverage)	242,591,950	73,546,937	242,591,950	73,546,937	242,591,950	73,546,937
Enrolled during specified age range	176,372,080	66,219,870	176,372,080	66,219,870	176,372,080	66,219,870
Had requestable medical charts	176,372,080	0	176,372,080	0	176,372,080	0
Met demographic requirements (sex, race, and Hispanic origin) ³	91,310,625	85,061,455	91,310,625	85,061,455	91,310,625	85,061,455
Members with a valid index event						
Had any cohort-defining claim during the query period	7,439,464	83,871,161	266,102	91,044,523	17,838	91,292,787
Claim recorded during specified age range	6,479,505	959,959	239,258	26,844	9,677	8,161
Episode defining index claim recorded during the query period	6,479,505	0	239,258	0	9,677	0
Members with required pre-index history						
Had sufficient pre-index continuous enrollment	6,479,505	0	239,258	0	9,677	0
Met inclusion and exclusion criteria ⁴	6,479,505	0	239,258	0	9,677	0
Evidence of Stroke Exclusion	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²
Had sufficient post-index continuous enrollment	6,479,505	0	239,258	0	9,677	0
Final cohort						
Number of members	6,479,505	N/A ²	239,258	N/A ²	9,677	N/A ²
Number of episodes	6,479,505	N/A ²	239,258	N/A ²	9,677	N/A ²

Table 3. Summary of Patient-Level Cohort Attrition in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023

	Non-Alzheimer's Dementia		Parkinson's Disease and Secondary Parkinsonism		Asthma	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements¹						
Enrolled at any point during the query period	316,138,887	N/A ²	316,138,887	N/A ²	316,138,887	N/A ²
Had required coverage type (medical and/or drug coverage)	242,591,950	73,546,937	242,591,950	73,546,937	242,591,950	73,546,937
Enrolled during specified age range	176,372,080	66,219,870	176,372,080	66,219,870	176,372,080	66,219,870
Had requestable medical charts	176,372,080	0	176,372,080	0	176,372,080	0
Met demographic requirements (sex, race, and Hispanic origin) ³	91,310,625	85,061,455	91,310,625	85,061,455	91,310,625	85,061,455
Members with a valid index event						
Had any cohort-defining claim during the query period	181,680	91,128,945	35,653	91,274,972	5,671,098	85,639,527
Claim recorded during specified age range	130,729	50,951	22,893	12,760	5,040,914	630,184
Episode defining index claim recorded during the query period	130,729	0	22,893	0	5,040,914	0
Members with required pre-index history						
Had sufficient pre-index continuous enrollment	130,729	0	22,893	0	5,040,914	0
Met inclusion and exclusion criteria ⁴	130,729	0	22,893	0	5,040,914	0
Evidence of Stroke Exclusion	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²
Had sufficient post-index continuous enrollment	130,729	0	22,893	0	5,040,914	0
Final cohort						
Number of members	130,729	N/A ²	22,893	N/A ²	5,040,914	N/A ²
Number of episodes	130,729	N/A ²	22,893	N/A ²	5,040,914	N/A ²

Table 3. Summary of Patient-Level Cohort Attrition in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023

	Chronic Obstructive Pulmonary Disease					
	Pulmonary Embolism		Disease		Hypertension	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements¹						
Enrolled at any point during the query period	316,138,887	N/A ²	316,138,887	N/A ²	316,138,887	N/A ²
Had required coverage type (medical and/or drug coverage)	242,591,950	73,546,937	242,591,950	73,546,937	242,591,950	73,546,937
Enrolled during specified age range	176,372,080	66,219,870	176,372,080	66,219,870	176,372,080	66,219,870
Had requestable medical charts	176,372,080	0	176,372,080	0	176,372,080	0
Met demographic requirements (sex, race, and Hispanic origin) ³	91,310,625	85,061,455	91,310,625	85,061,455	91,310,625	85,061,455
Members with a valid index event						
Had any cohort-defining claim during the query period	234,845	91,075,780	1,996,080	89,314,545	8,920,828	82,389,797
Claim recorded during specified age range	195,894	38,951	1,550,610	445,470	7,416,204	1,504,624
Episode defining index claim recorded during the query period	195,894	0	1,550,610	0	7,416,204	0
Members with required pre-index history						
Had sufficient pre-index continuous enrollment	195,894	0	1,550,610	0	7,416,204	0
Met inclusion and exclusion criteria ⁴	195,894	0	1,550,610	0	7,416,204	0
Evidence of Stroke Exclusion	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²
Had sufficient post-index continuous enrollment	195,894	0	1,550,610	0	7,416,204	0
Final cohort						
Number of members	195,894	N/A ²	1,550,610	N/A ²	7,416,204	N/A ²
Number of episodes	195,894	N/A ²	1,550,610	N/A ²	7,416,204	N/A ²

Table 3. Summary of Patient-Level Cohort Attrition in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023

	Acute Myocardial Infarction		Atrial Fibrillation and Flutter		Heart Failure and Non-Ischemic Heart Disease	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements¹						
Enrolled at any point during the query period	316,138,887	N/A ²	316,138,887	N/A ²	316,138,887	N/A ²
Had required coverage type (medical and/or drug coverage)	242,591,950	73,546,937	242,591,950	73,546,937	242,591,950	73,546,937
Enrolled during specified age range	176,372,080	66,219,870	176,372,080	66,219,870	176,372,080	66,219,870
Had requestable medical charts	176,372,080	0	176,372,080	0	176,372,080	0
Met demographic requirements (sex, race, and Hispanic origin) ³	91,310,625	85,061,455	91,310,625	85,061,455	91,310,625	85,061,455
Members with a valid index event						
Had any cohort-defining claim during the query period	244,339	91,066,286	343,725	90,966,900	819,744	90,490,881
Claim recorded during specified age range	174,042	70,297	235,263	108,462	611,756	207,988
Episode defining index claim recorded during the query period	174,042	0	235,263	0	611,756	0
Members with required pre-index history						
Had sufficient pre-index continuous enrollment	174,042	0	235,263	0	611,756	0
Met inclusion and exclusion criteria ⁴	174,042	0	235,263	0	611,756	0
Evidence of Stroke Exclusion	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²
Had sufficient post-index continuous enrollment	174,042	0	235,263	0	611,756	0
Final cohort						
Number of members	174,042	N/A ²	235,263	N/A ²	611,756	N/A ²
Number of episodes	174,042	N/A ²	235,263	N/A ²	611,756	N/A ²

Table 3. Summary of Patient-Level Cohort Attrition in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023

	Ischemic Heart Disease		Stroke/Transient Ischemic Attack		Hyperlipidemia	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements¹						
Enrolled at any point during the query period	316,138,887	N/A ²	316,138,887	N/A ²	316,138,887	N/A ²
Had required coverage type (medical and/or drug coverage)	242,591,950	73,546,937	242,591,950	73,546,937	242,591,950	73,546,937
Enrolled during specified age range	176,372,080	66,219,870	176,372,080	66,219,870	176,372,080	66,219,870
Had requestable medical charts	176,372,080	0	176,372,080	0	176,372,080	0
Met demographic requirements (sex, race, and Hispanic origin) ³	91,310,625	85,061,455	91,310,625	85,061,455	91,310,625	85,061,455
Members with a valid index event						
Had any cohort-defining claim during the query period	922,564	90,388,061	1,030,648	90,279,977	7,522,260	83,788,365
Claim recorded during specified age range	641,768	280,796	817,529	213,119	5,970,462	1,551,798
Episode defining index claim recorded during the query period	641,768	0	817,529	0	5,970,462	0
Members with required pre-index history						
Had sufficient pre-index continuous enrollment	641,768	0	817,529	0	5,970,462	0
Met inclusion and exclusion criteria ⁴	641,768	0	804,993	12,536	5,970,462	0
Evidence of Stroke Exclusion	N/A ²	N/A ²	804,993	12,536	N/A ²	N/A ²
Had sufficient post-index continuous enrollment	641,768	0	804,993	0	5,970,462	0
Final cohort						
Number of members	641,768	N/A ²	804,993	N/A ²	5,970,462	N/A ²
Number of episodes	641,768	N/A ²	804,993	N/A ²	5,970,462	N/A ²

Table 3. Summary of Patient-Level Cohort Attrition in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023

	Obesity		Overweight		Diabetes Type 1	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements¹						
Enrolled at any point during the query period	316,138,887	N/A ²	316,138,887	N/A ²	316,138,887	N/A ²
Had required coverage type (medical and/or drug coverage)	242,591,950	73,546,937	242,591,950	73,546,937	242,591,950	73,546,937
Enrolled during specified age range	176,372,080	66,219,870	176,372,080	66,219,870	176,372,080	66,219,870
Had requestable medical charts	176,372,080	0	176,372,080	0	176,372,080	0
Met demographic requirements (sex, race, and Hispanic origin) ³	91,310,625	85,061,455	91,310,625	85,061,455	91,310,625	85,061,455
Members with a valid index event						
Had any cohort-defining claim during the query period	9,912,054	81,398,571	2,846,356	88,464,269	545,471	90,765,154
Claim recorded during specified age range	8,891,357	1,020,697	2,447,867	398,489	493,380	52,091
Episode defining index claim recorded during the query period	8,891,357	0	2,447,867	0	493,380	0
Members with required pre-index history						
Had sufficient pre-index continuous enrollment	8,891,357	0	2,447,867	0	493,380	0
Met inclusion and exclusion criteria ⁴	8,891,357	0	2,447,867	0	493,380	0
Evidence of Stroke Exclusion	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²
Had sufficient post-index continuous enrollment	8,891,357	0	2,447,867	0	493,380	0
Final cohort						
Number of members	8,891,357	N/A ²	2,447,867	N/A ²	493,380	N/A ²
Number of episodes	8,891,357	N/A ²	2,447,867	N/A ²	493,380	N/A ²

Table 3. Summary of Patient-Level Cohort Attrition in the Sentinel Distributed Database (SDD) from October 1, 2015 to September 30, 2023

	Diabetes Type 2		Chronic Kidney Disease	
	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements¹				
Enrolled at any point during the query period	316,138,887	N/A ²	316,138,887	N/A ²
Had required coverage type (medical and/or drug coverage)	242,591,950	73,546,937	242,591,950	73,546,937
Enrolled during specified age range	176,372,080	66,219,870	176,372,080	66,219,870
Had requestable medical charts	176,372,080	0	176,372,080	0
Met demographic requirements (sex, race, and Hispanic origin) ³	91,310,625	85,061,455	91,310,625	85,061,455
Members with a valid index event				
Had any cohort-defining claim during the query period	4,118,943	87,191,682	1,190,826	90,119,799
Claim recorded during specified age range	3,419,512	699,431	912,811	278,015
Episode defining index claim recorded during the query period	3,419,512	0	912,811	0
Members with required pre-index history				
Had sufficient pre-index continuous enrollment	3,419,512	0	912,811	0
Met inclusion and exclusion criteria ⁴	3,419,512	0	912,811	0
Evidence of Stroke Exclusion	N/A ²	N/A ²	N/A ²	N/A ²
Had sufficient post-index continuous enrollment	3,419,512	0	912,811	0
Final cohort				
Number of members	3,419,512	N/A ²	912,811	N/A ²
Number of episodes	3,419,512	N/A ²	912,811	N/A ²

¹One of the Data Partners applied an exclusion criterion to remove patients whose date of birth was prior to October 1, 1960 as the first step of cohort creation to increase the program runtime efficiency.

²N/A: Not Applicable

³The number of members after applied demographic requirements might not suffice all query inclusion criteria (e.g., the date that a member was satisfied age requirement would not be necessarily required to have enrollment coverage). The true denominator for the prevalence calculation is 86,051,820 which is shown as “Total Number of Eligible ICBP” in Table 2a.

⁴Patients can meet multiple inclusion and/or exclusion criteria; therefore, the total number of patients excluded overall may not equal the sum of all patients in each criterion.

Appendix A. Dates of Available Data for Each Data Partner (DP) as of Request Distribution Date (February 16, 2024)

Masked DP ID	DP Start Date	DP End Date ¹
DP01	01/01/2004	07/31/2023
DP02	01/01/2005	07/31/2022
DP03	01/01/2008	04/30/2023
DP04	01/01/2006	06/30/2023
DP05	01/01/2000	05/31/2023
DP06	01/01/2000	04/30/2023
DP07	01/01/2000	08/31/2022
DP08	01/01/2000	08/31/2022
DP09	01/01/2000	10/31/2022
DP10	01/01/2007	06/30/2023
DP11	01/01/2014	12/31/2020
DP12	01/01/2008	09/30/2023
DP13	01/01/2010	03/31/2023

¹End Date represents the earliest of: (1) query end date, or (2) last day of the most recent month for which all of a Data Partner's data tables (enrollment, dispensing, etc.) have at least 80% of the record count relative to the prior month.

Appendix B. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define the 29 Selected Health Conditions in this Request

Code	Description	Code Category	Code Type
Depression			
F32.0	Major depressive disorder, single episode, mild	Diagnosis	ICD-10-CM
F32.1	Major depressive disorder, single episode, moderate	Diagnosis	ICD-10-CM
F32.2	Major depressive disorder, single episode, severe without psychotic features	Diagnosis	ICD-10-CM
F32.3	Major depressive disorder, single episode, severe with psychotic features	Diagnosis	ICD-10-CM
F32.4	Major depressive disorder, single episode, in partial remission	Diagnosis	ICD-10-CM
F32.5	Major depressive disorder, single episode, in full remission	Diagnosis	ICD-10-CM
F32.9	Major depressive disorder, single episode, unspecified	Diagnosis	ICD-10-CM
F33.0	Major depressive disorder, recurrent, mild	Diagnosis	ICD-10-CM
F33.1	Major depressive disorder, recurrent, moderate	Diagnosis	ICD-10-CM
F33.2	Major depressive disorder, recurrent severe without psychotic features	Diagnosis	ICD-10-CM
F33.3	Major depressive disorder, recurrent, severe with psychotic symptoms	Diagnosis	ICD-10-CM
F33.40	Major depressive disorder, recurrent, in remission, unspecified	Diagnosis	ICD-10-CM
F33.41	Major depressive disorder, recurrent, in partial remission	Diagnosis	ICD-10-CM
F33.42	Major depressive disorder, recurrent, in full remission	Diagnosis	ICD-10-CM
F33.8	Other recurrent depressive disorders	Diagnosis	ICD-10-CM
F33.9	Major depressive disorder, recurrent, unspecified	Diagnosis	ICD-10-CM
F34.1	Dysthymic disorder	Diagnosis	ICD-10-CM
F43.21	Adjustment disorder with depressed mood	Diagnosis	ICD-10-CM
F43.23	Adjustment disorder with mixed anxiety and depressed mood	Diagnosis	ICD-10-CM
Anxiety Disorder			
F06.4	Anxiety disorder due to known physiological condition	Diagnosis	ICD-10-CM
F40.00	Agoraphobia, unspecified	Diagnosis	ICD-10-CM
F40.01	Agoraphobia with panic disorder	Diagnosis	ICD-10-CM
F40.02	Agoraphobia without panic disorder	Diagnosis	ICD-10-CM
F40.10	Social phobia, unspecified	Diagnosis	ICD-10-CM
F40.11	Social phobia, generalized	Diagnosis	ICD-10-CM
F40.210	Arachnophobia	Diagnosis	ICD-10-CM
F40.218	Other animal type phobia	Diagnosis	ICD-10-CM
F40.220	Fear of thunderstorms	Diagnosis	ICD-10-CM
F40.228	Other natural environment type phobia	Diagnosis	ICD-10-CM
F40.230	Fear of blood	Diagnosis	ICD-10-CM
F40.231	Fear of injections and transfusions	Diagnosis	ICD-10-CM
F40.232	Fear of other medical care	Diagnosis	ICD-10-CM
F40.233	Fear of injury	Diagnosis	ICD-10-CM
F40.240	Claustrophobia	Diagnosis	ICD-10-CM
F40.241	Acrophobia	Diagnosis	ICD-10-CM
F40.242	Fear of bridges	Diagnosis	ICD-10-CM
F40.243	Fear of flying	Diagnosis	ICD-10-CM
F40.248	Other situational type phobia	Diagnosis	ICD-10-CM
F40.290	Androphobia	Diagnosis	ICD-10-CM
F40.291	Gynephobia	Diagnosis	ICD-10-CM
F40.298	Other specified phobia	Diagnosis	ICD-10-CM
F40.8	Other phobic anxiety disorders	Diagnosis	ICD-10-CM
F40.9	Phobic anxiety disorder, unspecified	Diagnosis	ICD-10-CM
F41.0	Panic disorder [episodic paroxysmal anxiety]	Diagnosis	ICD-10-CM
F41.1	Generalized anxiety disorder	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define the 29 Selected Health Conditions in this Request

Code	Description	Code Category	Code Type
F41.3	Other mixed anxiety disorders	Diagnosis	ICD-10-CM
F41.8	Other specified anxiety disorders	Diagnosis	ICD-10-CM
F41.9	Anxiety disorder, unspecified	Diagnosis	ICD-10-CM
F42	Obsessive-compulsive disorder	Diagnosis	ICD-10-CM
F42.2	Mixed obsessional thoughts and acts	Diagnosis	ICD-10-CM
F42.3	Hoarding disorder	Diagnosis	ICD-10-CM
F42.4	Excoriation (skin-picking) disorder	Diagnosis	ICD-10-CM
F42.8	Other obsessive-compulsive disorder	Diagnosis	ICD-10-CM
F42.9	Obsessive-compulsive disorder, unspecified	Diagnosis	ICD-10-CM
F43.0	Acute stress reaction	Diagnosis	ICD-10-CM
F44.9	Dissociative and conversion disorder, unspecified	Diagnosis	ICD-10-CM
F45.8	Other somatoform disorders	Diagnosis	ICD-10-CM
F48.8	Other specified nonpsychotic mental disorders	Diagnosis	ICD-10-CM
F48.9	Nonpsychotic mental disorder, unspecified	Diagnosis	ICD-10-CM
F93.8	Other childhood emotional disorders	Diagnosis	ICD-10-CM
F99	Mental disorder, not otherwise specified	Diagnosis	ICD-10-CM
R45.2	Unhappiness	Diagnosis	ICD-10-CM
R45.5	Hostility	Diagnosis	ICD-10-CM
R45.6	Violent behavior	Diagnosis	ICD-10-CM
R45.7	State of emotional shock and stress, unspecified	Diagnosis	ICD-10-CM
Attention Deficit Hyperactivity Disorders			
F63.0	Pathological gambling	Diagnosis	ICD-10-CM
F63.1	Pyromania	Diagnosis	ICD-10-CM
F63.2	Kleptomania	Diagnosis	ICD-10-CM
F63.3	Trichotillomania	Diagnosis	ICD-10-CM
F63.81	Intermittent explosive disorder	Diagnosis	ICD-10-CM
F63.89	Other impulse disorders	Diagnosis	ICD-10-CM
F63.9	Impulse disorder, unspecified	Diagnosis	ICD-10-CM
F90.0	Attention-deficit hyperactivity disorder, predominantly inattentive type	Diagnosis	ICD-10-CM
F90.1	Attention-deficit hyperactivity disorder, predominantly hyperactive type	Diagnosis	ICD-10-CM
F90.2	Attention-deficit hyperactivity disorder, combined type	Diagnosis	ICD-10-CM
F90.8	Attention-deficit hyperactivity disorder, other type	Diagnosis	ICD-10-CM
F90.9	Attention-deficit hyperactivity disorder, unspecified type	Diagnosis	ICD-10-CM
F91.0	Conduct disorder confined to family context	Diagnosis	ICD-10-CM
F91.1	Conduct disorder, childhood-onset type	Diagnosis	ICD-10-CM
F91.2	Conduct disorder, adolescent-onset type	Diagnosis	ICD-10-CM
F91.3	Oppositional defiant disorder	Diagnosis	ICD-10-CM
F91.8	Other conduct disorders	Diagnosis	ICD-10-CM
F91.9	Conduct disorder, unspecified	Diagnosis	ICD-10-CM
Personality Disorders			
F21	Schizotypal disorder	Diagnosis	ICD-10-CM
F60.0	Paranoid personality disorder	Diagnosis	ICD-10-CM
F60.1	Schizoid personality disorder	Diagnosis	ICD-10-CM
F60.2	Antisocial personality disorder	Diagnosis	ICD-10-CM
F60.3	Borderline personality disorder	Diagnosis	ICD-10-CM
F60.4	Histrionic personality disorder	Diagnosis	ICD-10-CM
F60.5	Obsessive-compulsive personality disorder	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define the 29 Selected Health Conditions in this Request

Code	Description	Code Category	Code Type
F60.6	Avoidant personality disorder	Diagnosis	ICD-10-CM
F60.7	Dependent personality disorder	Diagnosis	ICD-10-CM
F60.81	Narcissistic personality disorder	Diagnosis	ICD-10-CM
F60.89	Other specific personality disorders	Diagnosis	ICD-10-CM
F60.9	Personality disorder, unspecified	Diagnosis	ICD-10-CM
F68.10	Factitious disorder imposed on self, unspecified	Diagnosis	ICD-10-CM
F68.11	Factitious disorder imposed on self, with predominantly psychological signs and symptoms	Diagnosis	ICD-10-CM
F68.12	Factitious disorder imposed on self, with predominantly physical signs and symptoms	Diagnosis	ICD-10-CM
F68.13	Factitious disorder imposed on self, with combined psychological and physical signs and symptoms	Diagnosis	ICD-10-CM
F69	Unspecified disorder of adult personality and behavior	Diagnosis	ICD-10-CM
Schizophrenia and Other Psychotic Disorders			
F06.0	Psychotic disorder with hallucinations due to known physiological condition	Diagnosis	ICD-10-CM
F06.2	Psychotic disorder with delusions due to known physiological condition	Diagnosis	ICD-10-CM
F20.0	Paranoid schizophrenia	Diagnosis	ICD-10-CM
F20.1	Disorganized schizophrenia	Diagnosis	ICD-10-CM
F20.2	Catatonic schizophrenia	Diagnosis	ICD-10-CM
F20.3	Undifferentiated schizophrenia	Diagnosis	ICD-10-CM
F20.5	Residual schizophrenia	Diagnosis	ICD-10-CM
F20.81	Schizophreniform disorder	Diagnosis	ICD-10-CM
F20.89	Other schizophrenia	Diagnosis	ICD-10-CM
F20.9	Schizophrenia, unspecified	Diagnosis	ICD-10-CM
F22	Delusional disorders	Diagnosis	ICD-10-CM
F23	Brief psychotic disorder	Diagnosis	ICD-10-CM
F24	Shared psychotic disorder	Diagnosis	ICD-10-CM
F25.0	Schizoaffective disorder, bipolar type	Diagnosis	ICD-10-CM
F25.1	Schizoaffective disorder, depressive type	Diagnosis	ICD-10-CM
F25.8	Other schizoaffective disorders	Diagnosis	ICD-10-CM
F25.9	Schizoaffective disorder, unspecified	Diagnosis	ICD-10-CM
F28	Other psychotic disorder not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F29	Unspecified psychosis not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F32.3	Major depressive disorder, single episode, severe with psychotic features	Diagnosis	ICD-10-CM
F44.89	Other dissociative and conversion disorders	Diagnosis	ICD-10-CM
Bipolar Disorder			
F30.10	Manic episode without psychotic symptoms, unspecified	Diagnosis	ICD-10-CM
F30.11	Manic episode without psychotic symptoms, mild	Diagnosis	ICD-10-CM
F30.12	Manic episode without psychotic symptoms, moderate	Diagnosis	ICD-10-CM
F30.13	Manic episode, severe, without psychotic symptoms	Diagnosis	ICD-10-CM
F30.2	Manic episode, severe with psychotic symptoms	Diagnosis	ICD-10-CM
F30.3	Manic episode in partial remission	Diagnosis	ICD-10-CM
F30.4	Manic episode in full remission	Diagnosis	ICD-10-CM
F30.8	Other manic episodes	Diagnosis	ICD-10-CM
F30.9	Manic episode, unspecified	Diagnosis	ICD-10-CM
F31.0	Bipolar disorder, current episode hypomanic	Diagnosis	ICD-10-CM
F31.10	Bipolar disorder, current episode manic without psychotic features, unspecified	Diagnosis	ICD-10-CM
F31.11	Bipolar disorder, current episode manic without psychotic features, mild	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define the 29 Selected Health Conditions in this Request

Code	Description	Code Category	Code Type
F31.12	Bipolar disorder, current episode manic without psychotic features, moderate	Diagnosis	ICD-10-CM
F31.13	Bipolar disorder, current episode manic without psychotic features, severe	Diagnosis	ICD-10-CM
F31.2	Bipolar disorder, current episode manic severe with psychotic features	Diagnosis	ICD-10-CM
F31.30	Bipolar disorder, current episode depressed, mild or moderate severity, unspecified	Diagnosis	ICD-10-CM
F31.31	Bipolar disorder, current episode depressed, mild	Diagnosis	ICD-10-CM
F31.32	Bipolar disorder, current episode depressed, moderate	Diagnosis	ICD-10-CM
F31.4	Bipolar disorder, current episode depressed, severe, without psychotic features	Diagnosis	ICD-10-CM
F31.5	Bipolar disorder, current episode depressed, severe, with psychotic features	Diagnosis	ICD-10-CM
F31.60	Bipolar disorder, current episode mixed, unspecified	Diagnosis	ICD-10-CM
F31.61	Bipolar disorder, current episode mixed, mild	Diagnosis	ICD-10-CM
F31.62	Bipolar disorder, current episode mixed, moderate	Diagnosis	ICD-10-CM
F31.63	Bipolar disorder, current episode mixed, severe, without psychotic features	Diagnosis	ICD-10-CM
F31.64	Bipolar disorder, current episode mixed, severe, with psychotic features	Diagnosis	ICD-10-CM
F31.70	Bipolar disorder, currently in remission, most recent episode unspecified	Diagnosis	ICD-10-CM
F31.71	Bipolar disorder, in partial remission, most recent episode hypomanic	Diagnosis	ICD-10-CM
F31.72	Bipolar disorder, in full remission, most recent episode hypomanic	Diagnosis	ICD-10-CM
F31.73	Bipolar disorder, in partial remission, most recent episode manic	Diagnosis	ICD-10-CM
F31.74	Bipolar disorder, in full remission, most recent episode manic	Diagnosis	ICD-10-CM
F31.75	Bipolar disorder, in partial remission, most recent episode depressed	Diagnosis	ICD-10-CM
F31.76	Bipolar disorder, in full remission, most recent episode depressed	Diagnosis	ICD-10-CM
F31.77	Bipolar disorder, in partial remission, most recent episode mixed	Diagnosis	ICD-10-CM
F31.78	Bipolar disorder, in full remission, most recent episode mixed	Diagnosis	ICD-10-CM
F31.81	Bipolar II disorder	Diagnosis	ICD-10-CM
F31.89	Other bipolar disorder	Diagnosis	ICD-10-CM
F31.9	Bipolar disorder, unspecified	Diagnosis	ICD-10-CM
F34.0	Cyclothymic disorder	Diagnosis	ICD-10-CM
F34.81	Disruptive mood dysregulation disorder	Diagnosis	ICD-10-CM
F34.89	Other specified persistent mood disorders	Diagnosis	ICD-10-CM
F34.9	Persistent mood [affective] disorder, unspecified	Diagnosis	ICD-10-CM
F39	Unspecified mood [affective] disorder	Diagnosis	ICD-10-CM
Post-Traumatic Stress Disorder			
F43.1	Post-traumatic stress disorder (PTSD)	Diagnosis	ICD-10-CM
F43.10	Post-traumatic stress disorder, unspecified	Diagnosis	ICD-10-CM
F43.11	Post-traumatic stress disorder, acute	Diagnosis	ICD-10-CM
F43.12	Post-traumatic stress disorder, chronic	Diagnosis	ICD-10-CM
Epilepsy/Convulsions			
G40.001	Localization-related (focal) (partial) idiopathic epilepsy and epileptic syndromes with seizures of localized onset, not intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.009	Localization-related (focal) (partial) idiopathic epilepsy and epileptic syndromes with seizures of localized onset, not intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.011	Localization-related (focal) (partial) idiopathic epilepsy and epileptic syndromes with seizures of localized onset, intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.019	Localization-related (focal) (partial) idiopathic epilepsy and epileptic syndromes with seizures of localized onset, intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.101	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, not intractable, with status epilepticus	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define the 29 Selected Health Conditions in this Request

Code	Description	Code Category	Code Type
G40.109	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, not intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.111	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.119	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.201	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with complex partial seizures, not intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.209	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with complex partial seizures, not intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.211	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with complex partial seizures, intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.219	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with complex partial seizures, intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.301	Generalized idiopathic epilepsy and epileptic syndromes, not intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.309	Generalized idiopathic epilepsy and epileptic syndromes, not intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.311	Generalized idiopathic epilepsy and epileptic syndromes, intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.319	Generalized idiopathic epilepsy and epileptic syndromes, intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.401	Other generalized epilepsy and epileptic syndromes, not intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.409	Other generalized epilepsy and epileptic syndromes, not intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.411	Other generalized epilepsy and epileptic syndromes, intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.419	Other generalized epilepsy and epileptic syndromes, intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.42	Cyclin-Dependent Kinase-Like 5 Deficiency Disorder	Diagnosis	ICD-10-CM
G40.501	Epileptic seizures related to external causes, not intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.509	Epileptic seizures related to external causes, not intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.801	Other epilepsy, not intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.802	Other epilepsy, not intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.803	Other epilepsy, intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.804	Other epilepsy, intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.811	Lennox-Gastaut syndrome, not intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.812	Lennox-Gastaut syndrome, not intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.813	Lennox-Gastaut syndrome, intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.814	Lennox-Gastaut syndrome, intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.821	Epileptic spasms, not intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.822	Epileptic spasms, not intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.823	Epileptic spasms, intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.824	Epileptic spasms, intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.833	Dravet syndrome intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.834	Dravet syndrome intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.89	Other seizures	Diagnosis	ICD-10-CM
G40.901	Epilepsy, unspecified, not intractable, with status epilepticus	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define the 29 Selected Health Conditions in this Request

Code	Description	Code Category	Code Type
G40.909	Epilepsy, unspecified, not intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.911	Epilepsy, unspecified, intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.919	Epilepsy, unspecified, intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.A01	Absence epileptic syndrome, not intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.A09	Absence epileptic syndrome, not intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.A11	Absence epileptic syndrome, intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.A19	Absence epileptic syndrome, intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.B01	Juvenile myoclonic epilepsy, not intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.B09	Juvenile myoclonic epilepsy, not intractable, without status epilepticus	Diagnosis	ICD-10-CM
G40.B11	Juvenile myoclonic epilepsy, intractable, with status epilepticus	Diagnosis	ICD-10-CM
G40.B19	Juvenile myoclonic epilepsy, intractable, without status epilepticus	Diagnosis	ICD-10-CM
Migraine/Headache			
G43.001	Migraine without aura, not intractable, with status migrainosus	Diagnosis	ICD-10-CM
G43.009	Migraine without aura, not intractable, without status migrainosus	Diagnosis	ICD-10-CM
G43.011	Migraine without aura, intractable, with status migrainosus	Diagnosis	ICD-10-CM
G43.019	Migraine without aura, intractable, without status migrainosus	Diagnosis	ICD-10-CM
G43.101	Migraine with aura, not intractable, with status migrainosus	Diagnosis	ICD-10-CM
G43.109	Migraine with aura, not intractable, without status migrainosus	Diagnosis	ICD-10-CM
G43.111	Migraine with aura, intractable, with status migrainosus	Diagnosis	ICD-10-CM
G43.119	Migraine with aura, intractable, without status migrainosus	Diagnosis	ICD-10-CM
G43.401	Hemiplegic migraine, not intractable, with status migrainosus	Diagnosis	ICD-10-CM
G43.409	Hemiplegic migraine, not intractable, without status migrainosus	Diagnosis	ICD-10-CM
G43.411	Hemiplegic migraine, intractable, with status migrainosus	Diagnosis	ICD-10-CM
G43.419	Hemiplegic migraine, intractable, without status migrainosus	Diagnosis	ICD-10-CM
G43.501	Persistent migraine aura without cerebral infarction, not intractable, with status migrainosus	Diagnosis	ICD-10-CM
G43.509	Persistent migraine aura without cerebral infarction, not intractable, without status migrainosus	Diagnosis	ICD-10-CM
G43.511	Persistent migraine aura without cerebral infarction, intractable, with status migrainosus	Diagnosis	ICD-10-CM
G43.519	Persistent migraine aura without cerebral infarction, intractable, without status migrainosus	Diagnosis	ICD-10-CM
G43.601	Persistent migraine aura with cerebral infarction, not intractable, with status migrainosus	Diagnosis	ICD-10-CM
G43.609	Persistent migraine aura with cerebral infarction, not intractable, without status migrainosus	Diagnosis	ICD-10-CM
G43.611	Persistent migraine aura with cerebral infarction, intractable, with status migrainosus	Diagnosis	ICD-10-CM
G43.619	Persistent migraine aura with cerebral infarction, intractable, without status migrainosus	Diagnosis	ICD-10-CM
G43.701	Chronic migraine without aura, not intractable, with status migrainosus	Diagnosis	ICD-10-CM
G43.709	Chronic migraine without aura, not intractable, without status migrainosus	Diagnosis	ICD-10-CM
G43.711	Chronic migraine without aura, intractable, with status migrainosus	Diagnosis	ICD-10-CM
G43.719	Chronic migraine without aura, intractable, without status migrainosus	Diagnosis	ICD-10-CM
G43.801	Other migraine, not intractable, with status migrainosus	Diagnosis	ICD-10-CM
G43.809	Other migraine, not intractable, without status migrainosus	Diagnosis	ICD-10-CM
G43.811	Other migraine, intractable, with status migrainosus	Diagnosis	ICD-10-CM
G43.819	Other migraine, intractable, without status migrainosus	Diagnosis	ICD-10-CM
G43.821	Menstrual migraine, not intractable, with status migrainosus	Diagnosis	ICD-10-CM
G43.829	Menstrual migraine, not intractable, without status migrainosus	Diagnosis	ICD-10-CM
G43.831	Menstrual migraine, intractable, with status migrainosus	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define the 29 Selected Health Conditions in this Request

Code	Description	Code Category	Code Type
G43.839	Menstrual migraine, intractable, without status migrainosus	Diagnosis	ICD-10-CM
G43.901	Migraine, unspecified, not intractable, with status migrainosus	Diagnosis	ICD-10-CM
G43.909	Migraine, unspecified, not intractable, without status migrainosus	Diagnosis	ICD-10-CM
G43.911	Migraine, unspecified, intractable, with status migrainosus	Diagnosis	ICD-10-CM
G43.919	Migraine, unspecified, intractable, without status migrainosus	Diagnosis	ICD-10-CM
G43.A0	Cyclical vomiting, not intractable	Diagnosis	ICD-10-CM
G43.A1	Cyclical vomiting, intractable	Diagnosis	ICD-10-CM
G43.B0	Ophthalmoplegic migraine, not intractable	Diagnosis	ICD-10-CM
G43.B1	Ophthalmoplegic migraine, intractable	Diagnosis	ICD-10-CM
G43.C0	Periodic headache syndromes in child or adult, not intractable	Diagnosis	ICD-10-CM
G43.C1	Periodic headache syndromes in child or adult, intractable	Diagnosis	ICD-10-CM
G43.D0	Abdominal migraine, not intractable	Diagnosis	ICD-10-CM
G43.D1	Abdominal migraine, intractable	Diagnosis	ICD-10-CM
G44.001	Cluster headache syndrome, unspecified, intractable	Diagnosis	ICD-10-CM
G44.009	Cluster headache syndrome, unspecified, not intractable	Diagnosis	ICD-10-CM
G44.011	Episodic cluster headache, intractable	Diagnosis	ICD-10-CM
G44.019	Episodic cluster headache, not intractable	Diagnosis	ICD-10-CM
G44.021	Chronic cluster headache, intractable	Diagnosis	ICD-10-CM
G44.029	Chronic cluster headache, not intractable	Diagnosis	ICD-10-CM
G44.031	Episodic paroxysmal hemicrania, intractable	Diagnosis	ICD-10-CM
G44.039	Episodic paroxysmal hemicrania, not intractable	Diagnosis	ICD-10-CM
G44.041	Chronic paroxysmal hemicrania, intractable	Diagnosis	ICD-10-CM
G44.049	Chronic paroxysmal hemicrania, not intractable	Diagnosis	ICD-10-CM
G44.051	Short lasting unilateral neuralgiform headache with conjunctival injection and tearing (SUNCT), intractable	Diagnosis	ICD-10-CM
G44.059	Short lasting unilateral neuralgiform headache with conjunctival injection and tearing (SUNCT), not intractable	Diagnosis	ICD-10-CM
G44.091	Other trigeminal autonomic cephalgias (TAC), intractable	Diagnosis	ICD-10-CM
G44.099	Other trigeminal autonomic cephalgias (TAC), not intractable	Diagnosis	ICD-10-CM
G44.1	Vascular headache, not elsewhere classified	Diagnosis	ICD-10-CM
G44.201	Tension-type headache, unspecified, intractable	Diagnosis	ICD-10-CM
G44.209	Tension-type headache, unspecified, not intractable	Diagnosis	ICD-10-CM
G44.211	Episodic tension-type headache, intractable	Diagnosis	ICD-10-CM
G44.219	Episodic tension-type headache, not intractable	Diagnosis	ICD-10-CM
G44.221	Chronic tension-type headache, intractable	Diagnosis	ICD-10-CM
G44.229	Chronic tension-type headache, not intractable	Diagnosis	ICD-10-CM
G44.301	Post-traumatic headache, unspecified, intractable	Diagnosis	ICD-10-CM
G44.309	Post-traumatic headache, unspecified, not intractable	Diagnosis	ICD-10-CM
G44.311	Acute post-traumatic headache, intractable	Diagnosis	ICD-10-CM
G44.319	Acute post-traumatic headache, not intractable	Diagnosis	ICD-10-CM
G44.321	Chronic post-traumatic headache, intractable	Diagnosis	ICD-10-CM
G44.329	Chronic post-traumatic headache, not intractable	Diagnosis	ICD-10-CM
G44.40	Drug-induced headache, not elsewhere classified, not intractable	Diagnosis	ICD-10-CM
G44.41	Drug-induced headache, not elsewhere classified, intractable	Diagnosis	ICD-10-CM
G44.51	Hemicrania continua	Diagnosis	ICD-10-CM
G44.52	New daily persistent headache (NDPH)	Diagnosis	ICD-10-CM
G44.53	Primary thunderclap headache	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define the 29 Selected Health Conditions in this Request

Code	Description	Code Category	Code Type
G44.59	Other complicated headache syndrome	Diagnosis	ICD-10-CM
G44.81	Hypnic headache	Diagnosis	ICD-10-CM
G44.82	Headache associated with sexual activity	Diagnosis	ICD-10-CM
G44.83	Primary cough headache	Diagnosis	ICD-10-CM
G44.84	Primary exertional headache	Diagnosis	ICD-10-CM
G44.85	Primary stabbing headache	Diagnosis	ICD-10-CM
G44.86	Cervicogenic headache	Diagnosis	ICD-10-CM
G44.89	Other headache syndrome	Diagnosis	ICD-10-CM
Pain Conditions			
G89.21	Chronic pain due to trauma	Diagnosis	ICD-10-CM
G89.22	Chronic post-thoracotomy pain	Diagnosis	ICD-10-CM
G89.28	Other chronic postprocedural pain	Diagnosis	ICD-10-CM
G89.29	Other chronic pain	Diagnosis	ICD-10-CM
G89.3	Neoplasm related pain (acute) (chronic)	Diagnosis	ICD-10-CM
G89.4	Chronic pain syndrome	Diagnosis	ICD-10-CM
M54.10	Radiculopathy, site unspecified	Diagnosis	ICD-10-CM
M54.11	Radiculopathy, occipito-atlanto-axial region	Diagnosis	ICD-10-CM
M54.12	Radiculopathy, cervical region	Diagnosis	ICD-10-CM
M54.13	Radiculopathy, cervicothoracic region	Diagnosis	ICD-10-CM
M54.14	Radiculopathy, thoracic region	Diagnosis	ICD-10-CM
M54.15	Radiculopathy, thoracolumbar region	Diagnosis	ICD-10-CM
M54.16	Radiculopathy, lumbar region	Diagnosis	ICD-10-CM
M54.17	Radiculopathy, lumbosacral region	Diagnosis	ICD-10-CM
M54.18	Radiculopathy, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M60.80	Other myositis, unspecified site	Diagnosis	ICD-10-CM
M60.811	Other myositis, right shoulder	Diagnosis	ICD-10-CM
M60.812	Other myositis, left shoulder	Diagnosis	ICD-10-CM
M60.819	Other myositis, unspecified shoulder	Diagnosis	ICD-10-CM
M60.821	Other myositis, right upper arm	Diagnosis	ICD-10-CM
M60.822	Other myositis, left upper arm	Diagnosis	ICD-10-CM
M60.829	Other myositis, unspecified upper arm	Diagnosis	ICD-10-CM
M60.831	Other myositis, right forearm	Diagnosis	ICD-10-CM
M60.832	Other myositis, left forearm	Diagnosis	ICD-10-CM
M60.839	Other myositis, unspecified forearm	Diagnosis	ICD-10-CM
M60.841	Other myositis, right hand	Diagnosis	ICD-10-CM
M60.842	Other myositis, left hand	Diagnosis	ICD-10-CM
M60.849	Other myositis, unspecified hand	Diagnosis	ICD-10-CM
M60.851	Other myositis, right thigh	Diagnosis	ICD-10-CM
M60.852	Other myositis, left thigh	Diagnosis	ICD-10-CM
M60.859	Other myositis, unspecified thigh	Diagnosis	ICD-10-CM
M60.861	Other myositis, right lower leg	Diagnosis	ICD-10-CM
M60.862	Other myositis, left lower leg	Diagnosis	ICD-10-CM
M60.869	Other myositis, unspecified lower leg	Diagnosis	ICD-10-CM
M60.871	Other myositis, right ankle and foot	Diagnosis	ICD-10-CM
M60.872	Other myositis, left ankle and foot	Diagnosis	ICD-10-CM
M60.879	Other myositis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M60.88	Other myositis, other site	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define the 29 Selected Health Conditions in this Request

Code	Description	Code Category	Code Type
M60.89	Other myositis, multiple sites	Diagnosis	ICD-10-CM
M60.9	Myositis, unspecified	Diagnosis	ICD-10-CM
M79.1	Myalgia	Diagnosis	ICD-10-CM
M79.10	Myalgia, unspecified site	Diagnosis	ICD-10-CM
M79.11	Myalgia of mastication muscle	Diagnosis	ICD-10-CM
M79.12	Myalgia of auxiliary muscles, head and neck	Diagnosis	ICD-10-CM
M79.18	Myalgia, other site	Diagnosis	ICD-10-CM
M79.2	Neuralgia and neuritis, unspecified	Diagnosis	ICD-10-CM
M79.7	Fibromyalgia	Diagnosis	ICD-10-CM
Multiple Sclerosis			
G35	Multiple sclerosis	Diagnosis	ICD-10-CM
Alzheimer's Disease			
G30.0	Alzheimer's disease with early onset	Diagnosis	ICD-10-CM
G30.1	Alzheimer's disease with late onset	Diagnosis	ICD-10-CM
G30.8	Other Alzheimer's disease	Diagnosis	ICD-10-CM
G30.9	Alzheimer's disease, unspecified	Diagnosis	ICD-10-CM
Non-Alzheimer's Dementia			
F01.50	Vascular dementia, unspecified severity, without behavioral disturbance, psychotic disturbance, mood disturbance, and anxiety	Diagnosis	ICD-10-CM
F01.51	Vascular dementia, unspecified severity, with behavioral disturbance	Diagnosis	ICD-10-CM
F01.511	Vascular dementia, unspecified severity, with agitation	Diagnosis	ICD-10-CM
F01.518	Vascular dementia, unspecified severity, with other behavioral disturbance	Diagnosis	ICD-10-CM
F01.52	Vascular dementia, unspecified severity, with psychotic disturbance	Diagnosis	ICD-10-CM
F01.53	Vascular dementia, unspecified severity, with mood disturbance	Diagnosis	ICD-10-CM
F01.54	Vascular dementia, unspecified severity, with anxiety	Diagnosis	ICD-10-CM
F01.A0	Vascular dementia, mild, without behavioral disturbance, psychotic disturbance, mood disturbance, and anxiety	Diagnosis	ICD-10-CM
F01.A11	Vascular dementia, mild, with agitation	Diagnosis	ICD-10-CM
F01.A18	Vascular dementia, mild, with other behavioral disturbance	Diagnosis	ICD-10-CM
F01.A2	Vascular dementia, mild, with psychotic disturbance	Diagnosis	ICD-10-CM
F01.A3	Vascular dementia, mild, with mood disturbance	Diagnosis	ICD-10-CM
F01.A4	Vascular dementia, mild, with anxiety	Diagnosis	ICD-10-CM
F01.B0	Vascular dementia, moderate, without behavioral disturbance, psychotic disturbance, mood disturbance, and anxiety	Diagnosis	ICD-10-CM
F01.B11	Vascular dementia, moderate, with agitation	Diagnosis	ICD-10-CM
F01.B18	Vascular dementia, moderate, with other behavioral disturbance	Diagnosis	ICD-10-CM
F01.B2	Vascular dementia, moderate, with psychotic disturbance	Diagnosis	ICD-10-CM
F01.B3	Vascular dementia, moderate, with mood disturbance	Diagnosis	ICD-10-CM
F01.B4	Vascular dementia, moderate, with anxiety	Diagnosis	ICD-10-CM
F01.C0	Vascular dementia, severe, without behavioral disturbance, psychotic disturbance, mood disturbance, and anxiety	Diagnosis	ICD-10-CM
F01.C11	Vascular dementia, severe, with agitation	Diagnosis	ICD-10-CM
F01.C18	Vascular dementia, severe, with other behavioral disturbance	Diagnosis	ICD-10-CM
F01.C2	Vascular dementia, severe, with psychotic disturbance	Diagnosis	ICD-10-CM
F01.C3	Vascular dementia, severe, with mood disturbance	Diagnosis	ICD-10-CM
F01.C4	Vascular dementia, severe, with anxiety	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define the 29 Selected Health Conditions in this Request

Code	Description	Code Category	Code Type
F02.80	Dementia in other diseases classified elsewhere, unspecified severity, without behavioral disturbance, psychotic disturbance, mood disturbance, and anxiety	Diagnosis	ICD-10-CM
F02.81	Dementia in other diseases classified elsewhere, unspecified severity, with behavioral disturbance	Diagnosis	ICD-10-CM
F02.811	Dementia in other diseases classified elsewhere, unspecified severity, with agitation	Diagnosis	ICD-10-CM
F02.818	Dementia in other diseases classified elsewhere, unspecified severity, with other behavioral disturbance	Diagnosis	ICD-10-CM
F02.82	Dementia in other diseases classified elsewhere, unspecified severity, with psychotic disturbance	Diagnosis	ICD-10-CM
F02.83	Dementia in other diseases classified elsewhere, unspecified severity, with mood disturbance	Diagnosis	ICD-10-CM
F02.84	Dementia in other diseases classified elsewhere, unspecified severity, with anxiety	Diagnosis	ICD-10-CM
F02.A0	Dementia in other diseases classified elsewhere, mild, without behavioral disturbance, psychotic disturbance, mood disturbance, and anxiety	Diagnosis	ICD-10-CM
F02.A11	Dementia in other diseases classified elsewhere, mild, with agitation	Diagnosis	ICD-10-CM
F02.A18	Dementia in other diseases classified elsewhere, mild, with other behavioral disturbance	Diagnosis	ICD-10-CM
F02.A2	Dementia in other diseases classified elsewhere, mild, with psychotic disturbance	Diagnosis	ICD-10-CM
F02.A3	Dementia in other diseases classified elsewhere, mild, with mood disturbance	Diagnosis	ICD-10-CM
F02.A4	Dementia in other diseases classified elsewhere, mild, with anxiety	Diagnosis	ICD-10-CM
F02.B0	Dementia in other diseases classified elsewhere, moderate, without behavioral disturbance, psychotic disturbance, mood disturbance, and anxiety	Diagnosis	ICD-10-CM
F02.B11	Dementia in other diseases classified elsewhere, moderate, with agitation	Diagnosis	ICD-10-CM
F02.B18	Dementia in other diseases classified elsewhere, moderate, with other behavioral disturbance	Diagnosis	ICD-10-CM
F02.B2	Dementia in other diseases classified elsewhere, moderate, with psychotic disturbance	Diagnosis	ICD-10-CM
F02.B3	Dementia in other diseases classified elsewhere, moderate, with mood disturbance	Diagnosis	ICD-10-CM
F02.B4	Dementia in other diseases classified elsewhere, moderate, with anxiety	Diagnosis	ICD-10-CM
F02.C0	Dementia in other diseases classified elsewhere, severe, without behavioral disturbance, psychotic disturbance, mood disturbance, and anxiety	Diagnosis	ICD-10-CM
F02.C11	Dementia in other diseases classified elsewhere, severe, with agitation	Diagnosis	ICD-10-CM
F02.C18	Dementia in other diseases classified elsewhere, severe, with other behavioral disturbance	Diagnosis	ICD-10-CM
F02.C2	Dementia in other diseases classified elsewhere, severe, with psychotic disturbance	Diagnosis	ICD-10-CM
F02.C3	Dementia in other diseases classified elsewhere, severe, with mood disturbance	Diagnosis	ICD-10-CM
F02.C4	Dementia in other diseases classified elsewhere, severe, with anxiety	Diagnosis	ICD-10-CM
F03.90	Unspecified dementia, unspecified severity, without behavioral disturbance, psychotic disturbance, mood disturbance, and anxiety	Diagnosis	ICD-10-CM
F03.91	Unspecified dementia, unspecified severity, with behavioral disturbance	Diagnosis	ICD-10-CM
F03.911	Unspecified dementia, unspecified severity, with agitation	Diagnosis	ICD-10-CM
F03.918	Unspecified dementia, unspecified severity, with other behavioral disturbance	Diagnosis	ICD-10-CM
F03.92	Unspecified dementia, unspecified severity, with psychotic disturbance	Diagnosis	ICD-10-CM
F03.93	Unspecified dementia, unspecified severity, with mood disturbance	Diagnosis	ICD-10-CM
F03.94	Unspecified dementia, unspecified severity, with anxiety	Diagnosis	ICD-10-CM
F03.A0	Unspecified dementia, mild, without behavioral disturbance, psychotic disturbance, mood disturbance, and anxiety	Diagnosis	ICD-10-CM
F03.A11	Unspecified dementia, mild, with agitation	Diagnosis	ICD-10-CM
F03.A18	Unspecified dementia, mild, with other behavioral disturbance	Diagnosis	ICD-10-CM
F03.A2	Unspecified dementia, mild, with psychotic disturbance	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define the 29 Selected Health Conditions in this Request

Code	Description	Code Category	Code Type
F03.A3	Unspecified dementia, mild, with mood disturbance	Diagnosis	ICD-10-CM
F03.A4	Unspecified dementia, mild, with anxiety	Diagnosis	ICD-10-CM
F03.B0	Unspecified dementia, moderate, without behavioral disturbance, psychotic disturbance, mood disturbance, and anxiety	Diagnosis	ICD-10-CM
F03.B11	Unspecified dementia, moderate, with agitation	Diagnosis	ICD-10-CM
F03.B18	Unspecified dementia, moderate, with other behavioral disturbance	Diagnosis	ICD-10-CM
F03.B2	Unspecified dementia, moderate, with psychotic disturbance	Diagnosis	ICD-10-CM
F03.B3	Unspecified dementia, moderate, with mood disturbance	Diagnosis	ICD-10-CM
F03.B4	Unspecified dementia, moderate, with anxiety	Diagnosis	ICD-10-CM
F03.C0	Unspecified dementia, severe, without behavioral disturbance, psychotic disturbance, mood disturbance, and anxiety	Diagnosis	ICD-10-CM
F03.C11	Unspecified dementia, severe, with agitation	Diagnosis	ICD-10-CM
F03.C18	Unspecified dementia, severe, with other behavioral disturbance	Diagnosis	ICD-10-CM
F03.C2	Unspecified dementia, severe, with psychotic disturbance	Diagnosis	ICD-10-CM
F03.C3	Unspecified dementia, severe, with mood disturbance	Diagnosis	ICD-10-CM
F03.C4	Unspecified dementia, severe, with anxiety	Diagnosis	ICD-10-CM
F05	Delirium due to known physiological condition	Diagnosis	ICD-10-CM
G13.8	Systemic atrophy primarily affecting central nervous system in other diseases classified elsewhere	Diagnosis	ICD-10-CM
G31.01	Pick's disease	Diagnosis	ICD-10-CM
G31.09	Other frontotemporal neurocognitive disorder	Diagnosis	ICD-10-CM
G31.1	Senile degeneration of brain, not elsewhere classified	Diagnosis	ICD-10-CM
G31.2	Degeneration of nervous system due to alcohol	Diagnosis	ICD-10-CM
G31.83	Neurocognitive disorder with Lewy bodies	Diagnosis	ICD-10-CM
G94	Other disorders of brain in diseases classified elsewhere	Diagnosis	ICD-10-CM
R41.81	Age-related cognitive decline	Diagnosis	ICD-10-CM
Parkinson's Disease and Secondary Parkinsonism			
G20	Parkinson's disease	Diagnosis	ICD-10-CM
G21.11	Neuroleptic induced parkinsonism	Diagnosis	ICD-10-CM
G21.19	Other drug induced secondary parkinsonism	Diagnosis	ICD-10-CM
G21.3	Postencephalitic parkinsonism	Diagnosis	ICD-10-CM
G21.4	Vascular parkinsonism	Diagnosis	ICD-10-CM
G21.8	Other secondary parkinsonism	Diagnosis	ICD-10-CM
G21.9	Secondary parkinsonism, unspecified	Diagnosis	ICD-10-CM
G31.83	Neurocognitive disorder with Lewy bodies	Diagnosis	ICD-10-CM
Asthma			
J45.20	Mild intermittent asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.21	Mild intermittent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.22	Mild intermittent asthma with status asthmaticus	Diagnosis	ICD-10-CM
J45.30	Mild persistent asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.31	Mild persistent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.32	Mild persistent asthma with status asthmaticus	Diagnosis	ICD-10-CM
J45.40	Moderate persistent asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.41	Moderate persistent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.42	Moderate persistent asthma with status asthmaticus	Diagnosis	ICD-10-CM
J45.50	Severe persistent asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.51	Severe persistent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define the 29 Selected Health Conditions in this Request

Code	Description	Code Category	Code Type
J45.52	Severe persistent asthma with status asthmaticus	Diagnosis	ICD-10-CM
J45.901	Unspecified asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.902	Unspecified asthma with status asthmaticus	Diagnosis	ICD-10-CM
J45.909	Unspecified asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.990	Exercise induced bronchospasm	Diagnosis	ICD-10-CM
J45.991	Cough variant asthma	Diagnosis	ICD-10-CM
J45.998	Other asthma	Diagnosis	ICD-10-CM
Pulmonary Embolism			
I26	Pulmonary embolism	Diagnosis	ICD-10-CM
I26.0	Pulmonary embolism with acute cor pulmonale	Diagnosis	ICD-10-CM
I26.01	Septic pulmonary embolism with acute cor pulmonale	Diagnosis	ICD-10-CM
I26.02	Saddle embolus of pulmonary artery with acute cor pulmonale	Diagnosis	ICD-10-CM
I26.09	Other pulmonary embolism with acute cor pulmonale	Diagnosis	ICD-10-CM
I26.9	Pulmonary embolism without acute cor pulmonale	Diagnosis	ICD-10-CM
I26.90	Septic pulmonary embolism without acute cor pulmonale	Diagnosis	ICD-10-CM
I26.92	Saddle embolus of pulmonary artery without acute cor pulmonale	Diagnosis	ICD-10-CM
I26.93	Single subsegmental pulmonary embolism without acute cor pulmonale	Diagnosis	ICD-10-CM
I26.94	Multiple subsegmental pulmonary emboli without acute cor pulmonale	Diagnosis	ICD-10-CM
I26.99	Other pulmonary embolism without acute cor pulmonale	Diagnosis	ICD-10-CM
I27.82	Chronic pulmonary embolism	Diagnosis	ICD-10-CM
Chronic Obstructive Pulmonary Disease			
J40	Bronchitis, not specified as acute or chronic	Diagnosis	ICD-10-CM
J41.0	Simple chronic bronchitis	Diagnosis	ICD-10-CM
J41.1	Mucopurulent chronic bronchitis	Diagnosis	ICD-10-CM
J41.8	Mixed simple and mucopurulent chronic bronchitis	Diagnosis	ICD-10-CM
J42	Unspecified chronic bronchitis	Diagnosis	ICD-10-CM
J43.0	Unilateral pulmonary emphysema [MacLeod's syndrome]	Diagnosis	ICD-10-CM
J43.1	Panlobular emphysema	Diagnosis	ICD-10-CM
J43.2	Centrilobular emphysema	Diagnosis	ICD-10-CM
J43.9	Emphysema, unspecified	Diagnosis	ICD-10-CM
J44.0	Chronic obstructive pulmonary disease with (acute) lower respiratory infection	Diagnosis	ICD-10-CM
J44.1	Chronic obstructive pulmonary disease with (acute) exacerbation	Diagnosis	ICD-10-CM
J44.9	Chronic obstructive pulmonary disease, unspecified	Diagnosis	ICD-10-CM
J47.0	Bronchiectasis with acute lower respiratory infection	Diagnosis	ICD-10-CM
J47.1	Bronchiectasis with (acute) exacerbation	Diagnosis	ICD-10-CM
J47.9	Bronchiectasis, uncomplicated	Diagnosis	ICD-10-CM
J98.2	Interstitial emphysema	Diagnosis	ICD-10-CM
J98.3	Compensatory emphysema	Diagnosis	ICD-10-CM
Hypertension			
H35.031	Hypertensive retinopathy, right eye	Diagnosis	ICD-10-CM
H35.032	Hypertensive retinopathy, left eye	Diagnosis	ICD-10-CM
H35.033	Hypertensive retinopathy, bilateral	Diagnosis	ICD-10-CM
H35.039	Hypertensive retinopathy, unspecified eye	Diagnosis	ICD-10-CM
I10	Essential (primary) hypertension	Diagnosis	ICD-10-CM
I11.0	Hypertensive heart disease with heart failure	Diagnosis	ICD-10-CM
I11.9	Hypertensive heart disease without heart failure	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define the 29 Selected Health Conditions in this Request

Code	Description	Code Category	Code Type
I12.0	Hypertensive chronic kidney disease with stage 5 chronic kidney disease or end stage renal disease	Diagnosis	ICD-10-CM
I12.9	Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I13.0	Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I13.10	Hypertensive heart and chronic kidney disease without heart failure, with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I13.11	Hypertensive heart and chronic kidney disease without heart failure, with stage 5 chronic kidney disease, or end stage renal disease	Diagnosis	ICD-10-CM
I13.2	Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage renal disease	Diagnosis	ICD-10-CM
I15.0	Renovascular hypertension	Diagnosis	ICD-10-CM
I15.1	Hypertension secondary to other renal disorders	Diagnosis	ICD-10-CM
I15.2	Hypertension secondary to endocrine disorders	Diagnosis	ICD-10-CM
I15.8	Other secondary hypertension	Diagnosis	ICD-10-CM
I15.9	Secondary hypertension, unspecified	Diagnosis	ICD-10-CM
I67.4	Hypertensive encephalopathy	Diagnosis	ICD-10-CM
N26.2	Page kidney	Diagnosis	ICD-10-CM
Acute Myocardial Infarction			
I21.01	ST elevation (STEMI) myocardial infarction involving left main coronary artery	Diagnosis	ICD-10-CM
I21.02	ST elevation (STEMI) myocardial infarction involving left anterior descending coronary artery	Diagnosis	ICD-10-CM
I21.09	ST elevation (STEMI) myocardial infarction involving other coronary artery of anterior	Diagnosis	ICD-10-CM
I21.11	ST elevation (STEMI) myocardial infarction involving right coronary artery	Diagnosis	ICD-10-CM
I21.19	ST elevation (STEMI) myocardial infarction involving other coronary artery of inferior wall	Diagnosis	ICD-10-CM
I21.21	ST elevation (STEMI) myocardial infarction involving left circumflex coronary artery	Diagnosis	ICD-10-CM
I21.29	ST elevation (STEMI) myocardial infarction involving other sites	Diagnosis	ICD-10-CM
I21.3	ST elevation (STEMI) myocardial infarction of unspecified site	Diagnosis	ICD-10-CM
I21.4	Non-ST elevation (NSTEMI) myocardial infarction	Diagnosis	ICD-10-CM
I21.9	Acute myocardial infarction, unspecified	Diagnosis	ICD-10-CM
I21.A1	Myocardial infarction type 2	Diagnosis	ICD-10-CM
I21.A9	Other myocardial infarction type	Diagnosis	ICD-10-CM
I22.0	Subsequent ST elevation (STEMI) myocardial infarction of anterior wall	Diagnosis	ICD-10-CM
I22.1	Subsequent ST elevation (STEMI) myocardial infarction of inferior wall	Diagnosis	ICD-10-CM
I22.2	Subsequent non-ST elevation (NSTEMI) myocardial infarction	Diagnosis	ICD-10-CM
I22.8	Subsequent ST elevation (STEMI) myocardial infarction of other sites	Diagnosis	ICD-10-CM
I22.9	Subsequent ST elevation (STEMI) myocardial infarction of unspecified site	Diagnosis	ICD-10-CM
I23.0	Hemopericardium as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.1	Atrial septal defect as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.2	Ventricular septal defect as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.3	Rupture of cardiac wall without hemopericardium as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.4	Rupture of chordae tendineae as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.5	Rupture of papillary muscle as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define the 29 Selected Health Conditions in this Request

Code	Description	Code Category	Code Type
I23.6	Thrombosis of atrium, auricular appendage, and ventricle as current complications following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.7	Postinfarction angina	Diagnosis	ICD-10-CM
I23.8	Other current complications following acute myocardial infarction	Diagnosis	ICD-10-CM
Atrial Fibrillation and Flutter			
I48.0	Paroxysmal atrial fibrillation	Diagnosis	ICD-10-CM
I48.1	Persistent atrial fibrillation	Diagnosis	ICD-10-CM
I48.11	Longstanding persistent atrial fibrillation	Diagnosis	ICD-10-CM
I48.19	Other persistent atrial fibrillation	Diagnosis	ICD-10-CM
I48.2	Chronic atrial fibrillation	Diagnosis	ICD-10-CM
I48.20	Chronic atrial fibrillation, unspecified	Diagnosis	ICD-10-CM
I48.21	Permanent atrial fibrillation	Diagnosis	ICD-10-CM
I48.3	Typical atrial flutter	Diagnosis	ICD-10-CM
I48.4	Atypical atrial flutter	Diagnosis	ICD-10-CM
I48.91	Unspecified atrial fibrillation	Diagnosis	ICD-10-CM
Heart Failure and Non-Ischemic Heart Disease			
I09.81	Rheumatic heart failure	Diagnosis	ICD-10-CM
I11.0	Hypertensive heart disease with heart failure	Diagnosis	ICD-10-CM
I13.0	Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I13.2	Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage renal disease	Diagnosis	ICD-10-CM
I42.0	Dilated cardiomyopathy	Diagnosis	ICD-10-CM
I42.5	Other restrictive cardiomyopathy	Diagnosis	ICD-10-CM
I42.6	Alcoholic cardiomyopathy	Diagnosis	ICD-10-CM
I42.7	Cardiomyopathy due to drug and external agent	Diagnosis	ICD-10-CM
I42.8	Other cardiomyopathies	Diagnosis	ICD-10-CM
I43	Cardiomyopathy in diseases classified elsewhere	Diagnosis	ICD-10-CM
I50.1	Left ventricular failure, unspecified	Diagnosis	ICD-10-CM
I50.20	Unspecified systolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.21	Acute systolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.22	Chronic systolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.23	Acute on chronic systolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.30	Unspecified diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.31	Acute diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.32	Chronic diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.33	Acute on chronic diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.40	Unspecified combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.41	Acute combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.42	Chronic combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.43	Acute on chronic combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.810	Right heart failure, unspecified	Diagnosis	ICD-10-CM
I50.811	Acute right heart failure	Diagnosis	ICD-10-CM
I50.812	Chronic right heart failure	Diagnosis	ICD-10-CM
I50.813	Acute on chronic right heart failure	Diagnosis	ICD-10-CM
I50.814	Right heart failure due to left heart failure	Diagnosis	ICD-10-CM
I50.82	Biventricular heart failure	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define the 29 Selected Health Conditions in this Request

Code	Description	Code Category	Code Type
I50.83	High output heart failure	Diagnosis	ICD-10-CM
I50.84	End stage heart failure	Diagnosis	ICD-10-CM
I50.89	Other heart failure	Diagnosis	ICD-10-CM
I50.9	Heart failure, unspecified	Diagnosis	ICD-10-CM
Ischemic Heart Disease			
I20.0	Unstable angina	Diagnosis	ICD-10-CM
I20.1	Angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I20.8	Other forms of angina pectoris	Diagnosis	ICD-10-CM
I24.0	Acute coronary thrombosis not resulting in myocardial infarction	Diagnosis	ICD-10-CM
I24.1	Dressler's syndrome	Diagnosis	ICD-10-CM
I24.8	Other forms of acute ischemic heart disease	Diagnosis	ICD-10-CM
I25.10	Atherosclerotic heart disease of native coronary artery without angina pectoris	Diagnosis	ICD-10-CM
I25.110	Atherosclerotic heart disease of native coronary artery with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.111	Atherosclerotic heart disease of native coronary artery with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.118	Atherosclerotic heart disease of native coronary artery with other forms of angina	Diagnosis	ICD-10-CM
I25.119	Atherosclerotic heart disease of native coronary artery with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.3	Aneurysm of heart	Diagnosis	ICD-10-CM
I25.41	Coronary artery aneurysm	Diagnosis	ICD-10-CM
I25.42	Coronary artery dissection	Diagnosis	ICD-10-CM
I25.5	Ischemic cardiomyopathy	Diagnosis	ICD-10-CM
I25.6	Silent myocardial ischemia	Diagnosis	ICD-10-CM
I25.700	Atherosclerosis of coronary artery bypass graft(s), unspecified, with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.701	Atherosclerosis of coronary artery bypass graft(s), unspecified, with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.708	Atherosclerosis of coronary artery bypass graft(s), unspecified, with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.710	Atherosclerosis of autologous vein coronary artery bypass graft(s) with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.711	Atherosclerosis of autologous vein coronary artery bypass graft(s) with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.718	Atherosclerosis of autologous vein coronary artery bypass graft(s) with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.719	Atherosclerosis of autologous vein coronary artery bypass graft(s) with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.720	Atherosclerosis of autologous artery coronary artery bypass graft(s) with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.721	Atherosclerosis of autologous artery coronary artery bypass graft(s) with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.728	Atherosclerosis of autologous artery coronary artery bypass graft(s) with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.729	Atherosclerosis of autologous artery coronary artery bypass graft(s) with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.730	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with unstable angina pectoris	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define the 29 Selected Health Conditions in this Request

Code	Description	Code Category	Code Type
I25.731	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.738	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.739	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.750	Atherosclerosis of native coronary artery of transplanted heart with unstable angina	Diagnosis	ICD-10-CM
I25.751	Atherosclerosis of native coronary artery of transplanted heart with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.758	Atherosclerosis of native coronary artery of transplanted heart with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.759	Atherosclerosis of native coronary artery of transplanted heart with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.760	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unstable angina	Diagnosis	ICD-10-CM
I25.761	Atherosclerosis of bypass graft of coronary artery of transplanted heart with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.768	Atherosclerosis of bypass graft of coronary artery of transplanted heart with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.769	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.790	Atherosclerosis of other coronary artery bypass graft(s) with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.791	Atherosclerosis of other coronary artery bypass graft(s) with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.798	Atherosclerosis of other coronary artery bypass graft(s) with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.799	Atherosclerosis of other coronary artery bypass graft(s) with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.810	Atherosclerosis of coronary artery bypass graft(s) without angina pectoris	Diagnosis	ICD-10-CM
I25.811	Atherosclerosis of native coronary artery of transplanted heart without angina pectoris	Diagnosis	ICD-10-CM
I25.812	Atherosclerosis of bypass graft of coronary artery of transplanted heart without angina pectoris	Diagnosis	ICD-10-CM
I25.82	Chronic total occlusion of coronary artery	Diagnosis	ICD-10-CM
I25.83	Coronary atherosclerosis due to lipid rich plaque	Diagnosis	ICD-10-CM
I25.84	Coronary atherosclerosis due to calcified coronary lesion	Diagnosis	ICD-10-CM
I25.89	Other forms of chronic ischemic heart disease	Diagnosis	ICD-10-CM
I25.9	Chronic ischemic heart disease, unspecified	Diagnosis	ICD-10-CM
Stroke/Transient Ischemic Attack			
G45.0	Vertebro-basilar artery syndrome	Diagnosis	ICD-10-CM
G45.1	Carotid artery syndrome (hemispheric)	Diagnosis	ICD-10-CM
G45.2	Multiple and bilateral precerebral artery syndromes	Diagnosis	ICD-10-CM
G45.3	Amaurosis fugax	Diagnosis	ICD-10-CM
G45.8	Other transient cerebral ischemic attacks and related syndromes	Diagnosis	ICD-10-CM
G45.9	Transient cerebral ischemic attack, unspecified	Diagnosis	ICD-10-CM
G46.0	Middle cerebral artery syndrome	Diagnosis	ICD-10-CM
G46.1	Anterior cerebral artery syndrome	Diagnosis	ICD-10-CM
G46.2	Posterior cerebral artery syndrome	Diagnosis	ICD-10-CM
G46.3	Brain stem stroke syndrome	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define the 29 Selected Health Conditions in this Request

Code	Description	Code Category	Code Type
G46.4	Cerebellar stroke syndrome	Diagnosis	ICD-10-CM
G46.5	Pure motor lacunar syndrome	Diagnosis	ICD-10-CM
G46.6	Pure sensory lacunar syndrome	Diagnosis	ICD-10-CM
G46.7	Other lacunar syndromes	Diagnosis	ICD-10-CM
G46.8	Other vascular syndromes of brain in cerebrovascular diseases	Diagnosis	ICD-10-CM
G97.31	Intraoperative hemorrhage and hematoma of a nervous system organ or structure complicating a nervous system procedure	Diagnosis	ICD-10-CM
G97.32	Intraoperative hemorrhage and hematoma of a nervous system organ or structure complicating other procedure	Diagnosis	ICD-10-CM
I60.00	Nontraumatic subarachnoid hemorrhage from unspecified carotid siphon and bifurcation	Diagnosis	ICD-10-CM
I60.01	Nontraumatic subarachnoid hemorrhage from right carotid siphon and bifurcation	Diagnosis	ICD-10-CM
I60.02	Nontraumatic subarachnoid hemorrhage from left carotid siphon and bifurcation	Diagnosis	ICD-10-CM
I60.10	Nontraumatic subarachnoid hemorrhage from unspecified middle cerebral artery	Diagnosis	ICD-10-CM
I60.11	Nontraumatic subarachnoid hemorrhage from right middle cerebral artery	Diagnosis	ICD-10-CM
I60.12	Nontraumatic subarachnoid hemorrhage from left middle cerebral artery	Diagnosis	ICD-10-CM
I60.2	Nontraumatic subarachnoid hemorrhage from anterior communicating artery	Diagnosis	ICD-10-CM
I60.20	Nontraumatic subarachnoid hemorrhage from unspecified anterior communicating	Diagnosis	ICD-10-CM
I60.21	Nontraumatic subarachnoid hemorrhage from right anterior communicating artery	Diagnosis	ICD-10-CM
I60.22	Nontraumatic subarachnoid hemorrhage from left anterior communicating artery	Diagnosis	ICD-10-CM
I60.30	Nontraumatic subarachnoid hemorrhage from unspecified posterior communicating artery	Diagnosis	ICD-10-CM
I60.31	Nontraumatic subarachnoid hemorrhage from right posterior communicating artery	Diagnosis	ICD-10-CM
I60.32	Nontraumatic subarachnoid hemorrhage from left posterior communicating artery	Diagnosis	ICD-10-CM
I60.4	Nontraumatic subarachnoid hemorrhage from basilar artery	Diagnosis	ICD-10-CM
I60.50	Nontraumatic subarachnoid hemorrhage from unspecified vertebral artery	Diagnosis	ICD-10-CM
I60.51	Nontraumatic subarachnoid hemorrhage from right vertebral artery	Diagnosis	ICD-10-CM
I60.52	Nontraumatic subarachnoid hemorrhage from left vertebral artery	Diagnosis	ICD-10-CM
I60.6	Nontraumatic subarachnoid hemorrhage from other intracranial arteries	Diagnosis	ICD-10-CM
I60.7	Nontraumatic subarachnoid hemorrhage from unspecified intracranial artery	Diagnosis	ICD-10-CM
I60.8	Other nontraumatic subarachnoid hemorrhage	Diagnosis	ICD-10-CM
I60.9	Nontraumatic subarachnoid hemorrhage, unspecified	Diagnosis	ICD-10-CM
I61.0	Nontraumatic intracerebral hemorrhage in hemisphere, subcortical	Diagnosis	ICD-10-CM
I61.1	Nontraumatic intracerebral hemorrhage in hemisphere, cortical	Diagnosis	ICD-10-CM
I61.2	Nontraumatic intracerebral hemorrhage in hemisphere, unspecified	Diagnosis	ICD-10-CM
I61.3	Nontraumatic intracerebral hemorrhage in brain stem	Diagnosis	ICD-10-CM
I61.4	Nontraumatic intracerebral hemorrhage in cerebellum	Diagnosis	ICD-10-CM
I61.5	Nontraumatic intracerebral hemorrhage, intraventricular	Diagnosis	ICD-10-CM
I61.6	Nontraumatic intracerebral hemorrhage, multiple localized	Diagnosis	ICD-10-CM
I61.8	Other nontraumatic intracerebral hemorrhage	Diagnosis	ICD-10-CM
I61.9	Nontraumatic intracerebral hemorrhage, unspecified	Diagnosis	ICD-10-CM
I62.00	Nontraumatic subdural hemorrhage, unspecified	Diagnosis	ICD-10-CM
I62.01	Nontraumatic acute subdural hemorrhage	Diagnosis	ICD-10-CM
I62.02	Nontraumatic subacute subdural hemorrhage	Diagnosis	ICD-10-CM
I62.9	Nontraumatic intracranial hemorrhage, unspecified	Diagnosis	ICD-10-CM
I63.00	Cerebral infarction due to thrombosis of unspecified precerebral artery	Diagnosis	ICD-10-CM
I63.011	Cerebral infarction due to thrombosis of right vertebral artery	Diagnosis	ICD-10-CM
I63.012	Cerebral infarction due to thrombosis of left vertebral artery	Diagnosis	ICD-10-CM

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Code	Description	Code Category	Code Type
I63.013	Cerebral infarction due to thrombosis of bilateral vertebral arteries	Diagnosis	ICD-10-CM
I63.019	Cerebral infarction due to thrombosis of unspecified vertebral artery	Diagnosis	ICD-10-CM
I63.02	Cerebral infarction due to thrombosis of basilar artery	Diagnosis	ICD-10-CM
I63.031	Cerebral infarction due to thrombosis of right carotid artery	Diagnosis	ICD-10-CM
I63.032	Cerebral infarction due to thrombosis of left carotid artery	Diagnosis	ICD-10-CM
I63.033	Cerebral infarction due to thrombosis of bilateral carotid arteries	Diagnosis	ICD-10-CM
I63.039	Cerebral infarction due to thrombosis of unspecified carotid artery	Diagnosis	ICD-10-CM
I63.09	Cerebral infarction due to thrombosis of other precerebral artery	Diagnosis	ICD-10-CM
I63.10	Cerebral infarction due to embolism of unspecified precerebral artery	Diagnosis	ICD-10-CM
I63.111	Cerebral infarction due to embolism of right vertebral artery	Diagnosis	ICD-10-CM
I63.112	Cerebral infarction due to embolism of left vertebral artery	Diagnosis	ICD-10-CM
I63.113	Cerebral infarction due to embolism of bilateral vertebral arteries	Diagnosis	ICD-10-CM
I63.119	Cerebral infarction due to embolism of unspecified vertebral artery	Diagnosis	ICD-10-CM
I63.12	Cerebral infarction due to embolism of basilar artery	Diagnosis	ICD-10-CM
I63.131	Cerebral infarction due to embolism of right carotid artery	Diagnosis	ICD-10-CM
I63.132	Cerebral infarction due to embolism of left carotid artery	Diagnosis	ICD-10-CM
I63.133	Cerebral infarction due to embolism of bilateral carotid arteries	Diagnosis	ICD-10-CM
I63.139	Cerebral infarction due to embolism of unspecified carotid artery	Diagnosis	ICD-10-CM
I63.19	Cerebral infarction due to embolism of other precerebral artery	Diagnosis	ICD-10-CM
I63.20	Cerebral infarction due to unspecified occlusion or stenosis of unspecified precerebral arteries	Diagnosis	ICD-10-CM
I63.211	Cerebral infarction due to unspecified occlusion or stenosis of right vertebral artery	Diagnosis	ICD-10-CM
I63.212	Cerebral infarction due to unspecified occlusion or stenosis of left vertebral artery	Diagnosis	ICD-10-CM
I63.213	Cerebral infarction due to unspecified occlusion or stenosis of bilateral vertebral arteries	Diagnosis	ICD-10-CM
I63.219	Cerebral infarction due to unspecified occlusion or stenosis of unspecified vertebral	Diagnosis	ICD-10-CM
I63.22	Cerebral infarction due to unspecified occlusion or stenosis of basilar artery	Diagnosis	ICD-10-CM
I63.231	Cerebral infarction due to unspecified occlusion or stenosis of right carotid arteries	Diagnosis	ICD-10-CM
I63.232	Cerebral infarction due to unspecified occlusion or stenosis of left carotid arteries	Diagnosis	ICD-10-CM
I63.233	Cerebral infarction due to unspecified occlusion or stenosis of bilateral carotid arteries	Diagnosis	ICD-10-CM
I63.239	Cerebral infarction due to unspecified occlusion or stenosis of unspecified carotid artery	Diagnosis	ICD-10-CM
I63.29	Cerebral infarction due to unspecified occlusion or stenosis of other precerebral arteries	Diagnosis	ICD-10-CM
I63.30	Cerebral infarction due to thrombosis of unspecified cerebral artery	Diagnosis	ICD-10-CM
I63.311	Cerebral infarction due to thrombosis of right middle cerebral artery	Diagnosis	ICD-10-CM
I63.312	Cerebral infarction due to thrombosis of left middle cerebral artery	Diagnosis	ICD-10-CM
I63.313	Cerebral infarction due to thrombosis of bilateral middle cerebral arteries	Diagnosis	ICD-10-CM
I63.319	Cerebral infarction due to thrombosis of unspecified middle cerebral artery	Diagnosis	ICD-10-CM
I63.321	Cerebral infarction due to thrombosis of right anterior cerebral artery	Diagnosis	ICD-10-CM
I63.322	Cerebral infarction due to thrombosis of left anterior cerebral artery	Diagnosis	ICD-10-CM
I63.323	Cerebral infarction due to thrombosis of bilateral anterior cerebral arteries	Diagnosis	ICD-10-CM
I63.329	Cerebral infarction due to thrombosis of unspecified anterior cerebral artery	Diagnosis	ICD-10-CM
I63.331	Cerebral infarction due to thrombosis of right posterior cerebral artery	Diagnosis	ICD-10-CM
I63.332	Cerebral infarction due to thrombosis of left posterior cerebral artery	Diagnosis	ICD-10-CM
I63.333	Cerebral infarction due to thrombosis of bilateral posterior cerebral arteries	Diagnosis	ICD-10-CM
I63.339	Cerebral infarction due to thrombosis of unspecified posterior cerebral artery	Diagnosis	ICD-10-CM
I63.341	Cerebral infarction due to thrombosis of right cerebellar artery	Diagnosis	ICD-10-CM
I63.342	Cerebral infarction due to thrombosis of left cerebellar artery	Diagnosis	ICD-10-CM
I63.343	Cerebral infarction due to thrombosis of bilateral cerebellar arteries	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define the 29 Selected Health Conditions in this Request

Code	Description	Code Category	Code Type
I63.349	Cerebral infarction due to thrombosis of unspecified cerebellar artery	Diagnosis	ICD-10-CM
I63.39	Cerebral infarction due to thrombosis of other cerebral artery	Diagnosis	ICD-10-CM
I63.40	Cerebral infarction due to embolism of unspecified cerebral artery	Diagnosis	ICD-10-CM
I63.411	Cerebral infarction due to embolism of right middle cerebral artery	Diagnosis	ICD-10-CM
I63.412	Cerebral infarction due to embolism of left middle cerebral artery	Diagnosis	ICD-10-CM
I63.413	Cerebral infarction due to embolism of bilateral middle cerebral arteries	Diagnosis	ICD-10-CM
I63.419	Cerebral infarction due to embolism of unspecified middle cerebral artery	Diagnosis	ICD-10-CM
I63.421	Cerebral infarction due to embolism of right anterior cerebral artery	Diagnosis	ICD-10-CM
I63.422	Cerebral infarction due to embolism of left anterior cerebral artery	Diagnosis	ICD-10-CM
I63.423	Cerebral infarction due to embolism of bilateral anterior cerebral arteries	Diagnosis	ICD-10-CM
I63.429	Cerebral infarction due to embolism of unspecified anterior cerebral artery	Diagnosis	ICD-10-CM
I63.431	Cerebral infarction due to embolism of right posterior cerebral artery	Diagnosis	ICD-10-CM
I63.432	Cerebral infarction due to embolism of left posterior cerebral artery	Diagnosis	ICD-10-CM
I63.433	Cerebral infarction due to embolism of bilateral posterior cerebral arteries	Diagnosis	ICD-10-CM
I63.439	Cerebral infarction due to embolism of unspecified posterior cerebral artery	Diagnosis	ICD-10-CM
I63.441	Cerebral infarction due to embolism of right cerebellar artery	Diagnosis	ICD-10-CM
I63.442	Cerebral infarction due to embolism of left cerebellar artery	Diagnosis	ICD-10-CM
I63.443	Cerebral infarction due to embolism of bilateral cerebellar arteries	Diagnosis	ICD-10-CM
I63.449	Cerebral infarction due to embolism of unspecified cerebellar artery	Diagnosis	ICD-10-CM
I63.49	Cerebral infarction due to embolism of other cerebral artery	Diagnosis	ICD-10-CM
I63.50	Cerebral infarction due to unspecified occlusion or stenosis of unspecified cerebral artery	Diagnosis	ICD-10-CM
I63.511	Cerebral infarction due to unspecified occlusion or stenosis of right middle cerebral	Diagnosis	ICD-10-CM
I63.512	Cerebral infarction due to unspecified occlusion or stenosis of left middle cerebral artery	Diagnosis	ICD-10-CM
I63.513	Cerebral infarction due to unspecified occlusion or stenosis of bilateral middle cerebral arteries	Diagnosis	ICD-10-CM
I63.519	Cerebral infarction due to unspecified occlusion or stenosis of unspecified middle cerebral artery	Diagnosis	ICD-10-CM
I63.521	Cerebral infarction due to unspecified occlusion or stenosis of right anterior cerebral artery	Diagnosis	ICD-10-CM
I63.522	Cerebral infarction due to unspecified occlusion or stenosis of left anterior cerebral	Diagnosis	ICD-10-CM
I63.523	Cerebral infarction due to unspecified occlusion or stenosis of bilateral anterior cerebral arteries	Diagnosis	ICD-10-CM
I63.529	Cerebral infarction due to unspecified occlusion or stenosis of unspecified anterior cerebral artery	Diagnosis	ICD-10-CM
I63.531	Cerebral infarction due to unspecified occlusion or stenosis of right posterior cerebral artery	Diagnosis	ICD-10-CM
I63.532	Cerebral infarction due to unspecified occlusion or stenosis of left posterior cerebral	Diagnosis	ICD-10-CM
I63.533	Cerebral infarction due to unspecified occlusion or stenosis of bilateral posterior cerebral arteries	Diagnosis	ICD-10-CM
I63.539	Cerebral infarction due to unspecified occlusion or stenosis of unspecified posterior cerebral artery	Diagnosis	ICD-10-CM
I63.541	Cerebral infarction due to unspecified occlusion or stenosis of right cerebellar artery	Diagnosis	ICD-10-CM
I63.542	Cerebral infarction due to unspecified occlusion or stenosis of left cerebellar artery	Diagnosis	ICD-10-CM
I63.543	Cerebral infarction due to unspecified occlusion or stenosis of bilateral cerebellar arteries	Diagnosis	ICD-10-CM
I63.549	Cerebral infarction due to unspecified occlusion or stenosis of unspecified cerebellar	Diagnosis	ICD-10-CM
I63.59	Cerebral infarction due to unspecified occlusion or stenosis of other cerebral artery	Diagnosis	ICD-10-CM
I63.6	Cerebral infarction due to cerebral venous thrombosis, nonpyogenic	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define the 29 Selected Health Conditions in this Request

Code	Description	Code Category	Code Type
I63.8	Other cerebral infarction	Diagnosis	ICD-10-CM
I63.81	Other cerebral infarction due to occlusion or stenosis of small artery	Diagnosis	ICD-10-CM
I63.89	Other cerebral infarction	Diagnosis	ICD-10-CM
I63.9	Cerebral infarction, unspecified	Diagnosis	ICD-10-CM
I67.841	Reversible cerebrovascular vasoconstriction syndrome	Diagnosis	ICD-10-CM
I67.848	Other cerebrovascular vasospasm and vasoconstriction	Diagnosis	ICD-10-CM
I67.89	Other cerebrovascular disease	Diagnosis	ICD-10-CM
I97.810	Intraoperative cerebrovascular infarction during cardiac surgery	Diagnosis	ICD-10-CM
I97.811	Intraoperative cerebrovascular infarction during other surgery	Diagnosis	ICD-10-CM
I97.820	Postprocedural cerebrovascular infarction following cardiac surgery	Diagnosis	ICD-10-CM
I97.821	Postprocedural cerebrovascular infarction following other surgery	Diagnosis	ICD-10-CM
Hyperlipidemia			
E78.0	Pure hypercholesterolemia	Diagnosis	ICD-10-CM
E78.00	Pure hypercholesterolemia, unspecified	Diagnosis	ICD-10-CM
E78.01	Familial hypercholesterolemia	Diagnosis	ICD-10-CM
E78.1	Pure hyperglyceridemia	Diagnosis	ICD-10-CM
E78.2	Mixed hyperlipidemia	Diagnosis	ICD-10-CM
E78.3	Hyperchylomicronemia	Diagnosis	ICD-10-CM
E78.4	Other hyperlipidemia	Diagnosis	ICD-10-CM
E78.41	Elevated Lipoprotein(a)	Diagnosis	ICD-10-CM
E78.49	Other hyperlipidemia	Diagnosis	ICD-10-CM
E78.5	Hyperlipidemia, unspecified	Diagnosis	ICD-10-CM
Obesity			
E66.01	Morbid (severe) obesity due to excess calories	Diagnosis	ICD-10-CM
E66.09	Other obesity due to excess calories	Diagnosis	ICD-10-CM
E66.1	Drug-induced obesity	Diagnosis	ICD-10-CM
E66.2	Morbid (severe) obesity with alveolar hypoventilation	Diagnosis	ICD-10-CM
E66.8	Other obesity	Diagnosis	ICD-10-CM
E66.9	Obesity, unspecified	Diagnosis	ICD-10-CM
Z68.30	Body mass index (BMI) 30.0-30.9, adult	Diagnosis	ICD-10-CM
Z68.31	Body mass index (BMI) 31.0-31.9, adult	Diagnosis	ICD-10-CM
Z68.32	Body mass index (BMI) 32.0-32.9, adult	Diagnosis	ICD-10-CM
Z68.33	Body mass index (BMI) 33.0-33.9, adult	Diagnosis	ICD-10-CM
Z68.34	Body mass index (BMI) 34.0-34.9, adult	Diagnosis	ICD-10-CM
Z68.35	Body mass index (BMI) 35.0-35.9, adult	Diagnosis	ICD-10-CM
Z68.36	Body mass index (BMI) 36.0-36.9, adult	Diagnosis	ICD-10-CM
Z68.37	Body mass index (BMI) 37.0-37.9, adult	Diagnosis	ICD-10-CM
Z68.38	Body mass index (BMI) 38.0-38.9, adult	Diagnosis	ICD-10-CM
Z68.39	Body mass index (BMI) 39.0-39.9, adult	Diagnosis	ICD-10-CM
Z68.41	Body mass index (BMI) 40.0-44.9, adult	Diagnosis	ICD-10-CM
Z68.42	Body mass index (BMI) 45.0-49.9, adult	Diagnosis	ICD-10-CM
Z68.43	Body mass index (BMI) 50-59.9, adult	Diagnosis	ICD-10-CM
Z68.44	Body mass index (BMI) 60.0-69.9, adult	Diagnosis	ICD-10-CM
Z68.45	Body mass index (BMI) 70 or greater, adult	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define the 29 Selected Health Conditions in this Request

Code	Description	Code Category	Code Type
Overweight			
E66.3	Overweight	Diagnosis	ICD-10-CM
Z68.25	Body mass index (BMI) 25.0-25.9, adult	Diagnosis	ICD-10-CM
Z68.26	Body mass index (BMI) 26.0-26.9, adult	Diagnosis	ICD-10-CM
Z68.27	Body mass index (BMI) 27.0-27.9, adult	Diagnosis	ICD-10-CM
Z68.28	Body mass index (BMI) 28.0-28.9, adult	Diagnosis	ICD-10-CM
Z68.29	Body mass index (BMI) 29.0-29.9, adult	Diagnosis	ICD-10-CM
Diabetes Type 1			
E10	Type 1 diabetes mellitus	Diagnosis	ICD-10-CM
E10.1	Type 1 diabetes mellitus with ketoacidosis	Diagnosis	ICD-10-CM
E10.10	Type 1 diabetes mellitus with ketoacidosis without coma	Diagnosis	ICD-10-CM
E10.11	Type 1 diabetes mellitus with ketoacidosis with coma	Diagnosis	ICD-10-CM
E10.2	Type 1 diabetes mellitus with kidney complications	Diagnosis	ICD-10-CM
E10.21	Type 1 diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E10.22	Type 1 diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E10.29	Type 1 diabetes mellitus with other diabetic kidney complication	Diagnosis	ICD-10-CM
E10.3	Type 1 diabetes mellitus with ophthalmic complications	Diagnosis	ICD-10-CM
E10.31	Type 1 diabetes mellitus with unspecified diabetic retinopathy	Diagnosis	ICD-10-CM
E10.311	Type 1 diabetes mellitus with unspecified diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E10.319	Type 1 diabetes mellitus with unspecified diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E10.32	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E10.321	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E10.3211	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E10.3212	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E10.3213	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3219	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.329	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E10.3291	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E10.3292	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E10.3293	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3299	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.33	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E10.331	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E10.3311	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define the 29 Selected Health Conditions in this Request

Code	Description	Code Category	Code Type
E10.3312	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E10.3313	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3319	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.339	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E10.3391	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E10.3392	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E10.3393	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3399	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.34	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E10.341	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E10.3411	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E10.3412	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E10.3413	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3419	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.349	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E10.3491	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E10.3492	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E10.3493	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3499	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.35	Type 1 diabetes mellitus with proliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E10.351	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E10.3511	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E10.3512	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E10.3513	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3519	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define the 29 Selected Health Conditions in this Request

Code	Description	Code Category	Code Type
E10.352	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula	Diagnosis	ICD-10-CM
E10.3521	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	Diagnosis	ICD-10-CM
E10.3522	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	Diagnosis	ICD-10-CM
E10.3523	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral	Diagnosis	ICD-10-CM
E10.3529	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E10.353	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula	Diagnosis	ICD-10-CM
E10.3531	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye	Diagnosis	ICD-10-CM
E10.3532	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye	Diagnosis	ICD-10-CM
E10.3533	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral	Diagnosis	ICD-10-CM
E10.3539	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E10.354	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment	Diagnosis	ICD-10-CM
E10.3541	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye	Diagnosis	ICD-10-CM
E10.3542	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye	Diagnosis	ICD-10-CM
E10.3543	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral	Diagnosis	ICD-10-CM
E10.3549	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye	Diagnosis	ICD-10-CM
E10.355	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E10.3551	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, right eye	Diagnosis	ICD-10-CM
E10.3552	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, left eye	Diagnosis	ICD-10-CM
E10.3553	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, bilateral	Diagnosis	ICD-10-CM
E10.3559	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye	Diagnosis	ICD-10-CM
E10.359	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E10.3591	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E10.3592	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E10.3593	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3599	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.36	Type 1 diabetes mellitus with diabetic cataract	Diagnosis	ICD-10-CM
E10.37	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define the 29 Selected Health Conditions in this Request

Code	Description	Code Category	Code Type
E10.37X1	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, right eye	Diagnosis	ICD-10-CM
E10.37X2	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, left eye	Diagnosis	ICD-10-CM
E10.37X3	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral	Diagnosis	ICD-10-CM
E10.37X9	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye	Diagnosis	ICD-10-CM
E10.39	Type 1 diabetes mellitus with other diabetic ophthalmic complication	Diagnosis	ICD-10-CM
E10.4	Type 1 diabetes mellitus with neurological complications	Diagnosis	ICD-10-CM
E10.40	Type 1 diabetes mellitus with diabetic neuropathy, unspecified	Diagnosis	ICD-10-CM
E10.41	Type 1 diabetes mellitus with diabetic mononeuropathy	Diagnosis	ICD-10-CM
E10.42	Type 1 diabetes mellitus with diabetic polyneuropathy	Diagnosis	ICD-10-CM
E10.43	Type 1 diabetes mellitus with diabetic autonomic (poly)neuropathy	Diagnosis	ICD-10-CM
E10.44	Type 1 diabetes mellitus with diabetic amyotrophy	Diagnosis	ICD-10-CM
E10.49	Type 1 diabetes mellitus with other diabetic neurological complication	Diagnosis	ICD-10-CM
E10.5	Type 1 diabetes mellitus with circulatory complications	Diagnosis	ICD-10-CM
E10.51	Type 1 diabetes mellitus with diabetic peripheral angiopathy without gangrene	Diagnosis	ICD-10-CM
E10.52	Type 1 diabetes mellitus with diabetic peripheral angiopathy with gangrene	Diagnosis	ICD-10-CM
E10.59	Type 1 diabetes mellitus with other circulatory complications	Diagnosis	ICD-10-CM
E10.6	Type 1 diabetes mellitus with other specified complications	Diagnosis	ICD-10-CM
E10.61	Type 1 diabetes mellitus with diabetic arthropathy	Diagnosis	ICD-10-CM
E10.610	Type 1 diabetes mellitus with diabetic neuropathic arthropathy	Diagnosis	ICD-10-CM
E10.618	Type 1 diabetes mellitus with other diabetic arthropathy	Diagnosis	ICD-10-CM
E10.62	Type 1 diabetes mellitus with skin complications	Diagnosis	ICD-10-CM
E10.620	Type 1 diabetes mellitus with diabetic dermatitis	Diagnosis	ICD-10-CM
E10.621	Type 1 diabetes mellitus with foot ulcer	Diagnosis	ICD-10-CM
E10.622	Type 1 diabetes mellitus with other skin ulcer	Diagnosis	ICD-10-CM
E10.628	Type 1 diabetes mellitus with other skin complications	Diagnosis	ICD-10-CM
E10.63	Type 1 diabetes mellitus with oral complications	Diagnosis	ICD-10-CM
E10.630	Type 1 diabetes mellitus with periodontal disease	Diagnosis	ICD-10-CM
E10.638	Type 1 diabetes mellitus with other oral complications	Diagnosis	ICD-10-CM
E10.64	Type 1 diabetes mellitus with hypoglycemia	Diagnosis	ICD-10-CM
E10.641	Type 1 diabetes mellitus with hypoglycemia with coma	Diagnosis	ICD-10-CM
E10.649	Type 1 diabetes mellitus with hypoglycemia without coma	Diagnosis	ICD-10-CM
E10.65	Type 1 diabetes mellitus with hyperglycemia	Diagnosis	ICD-10-CM
E10.69	Type 1 diabetes mellitus with other specified complication	Diagnosis	ICD-10-CM
E10.8	Type 1 diabetes mellitus with unspecified complications	Diagnosis	ICD-10-CM
E10.9	Type 1 diabetes mellitus without complications	Diagnosis	ICD-10-CM
Diabetes Type 2			
E11	Type 2 diabetes mellitus	Diagnosis	ICD-10-CM
E11.0	Type 2 diabetes mellitus with hyperosmolarity	Diagnosis	ICD-10-CM
E11.00	Type 2 diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)	Diagnosis	ICD-10-CM
E11.01	Type 2 diabetes mellitus with hyperosmolarity with coma	Diagnosis	ICD-10-CM
E11.1	Type 2 diabetes mellitus with ketoacidosis	Diagnosis	ICD-10-CM
E11.10	Type 2 diabetes mellitus with ketoacidosis without coma	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define the 29 Selected Health Conditions in this Request

Code	Description	Code Category	Code Type
E11.11	Type 2 diabetes mellitus with ketoacidosis with coma	Diagnosis	ICD-10-CM
E11.2	Type 2 diabetes mellitus with kidney complications	Diagnosis	ICD-10-CM
E11.21	Type 2 diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E11.22	Type 2 diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E11.29	Type 2 diabetes mellitus with other diabetic kidney complication	Diagnosis	ICD-10-CM
E11.3	Type 2 diabetes mellitus with ophthalmic complications	Diagnosis	ICD-10-CM
E11.31	Type 2 diabetes mellitus with unspecified diabetic retinopathy	Diagnosis	ICD-10-CM
E11.311	Type 2 diabetes mellitus with unspecified diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E11.319	Type 2 diabetes mellitus with unspecified diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E11.32	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E11.321	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E11.3211	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E11.3212	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E11.3213	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3219	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.329	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E11.3291	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E11.3292	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E11.3293	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3299	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.33	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E11.331	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E11.3311	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E11.3312	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E11.3313	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3319	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.339	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E11.3391	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E11.3392	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define the 29 Selected Health Conditions in this Request

Code	Description	Code Category	Code Type
E11.3393	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3399	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.34	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E11.341	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E11.3411	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E11.3412	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E11.3413	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3419	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.349	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E11.3491	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E11.3492	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E11.3493	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3499	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.35	Type 2 diabetes mellitus with proliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E11.351	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E11.3511	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E11.3512	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E11.3513	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3519	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.352	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula	Diagnosis	ICD-10-CM
E11.3521	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	Diagnosis	ICD-10-CM
E11.3522	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	Diagnosis	ICD-10-CM
E11.3523	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral	Diagnosis	ICD-10-CM
E11.3529	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E11.353	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define the 29 Selected Health Conditions in this Request

Code	Description	Code Category	Code Type
E11.3531	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye	Diagnosis	ICD-10-CM
E11.3532	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye	Diagnosis	ICD-10-CM
E11.3533	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral	Diagnosis	ICD-10-CM
E11.3539	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E11.354	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment	Diagnosis	ICD-10-CM
E11.3541	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye	Diagnosis	ICD-10-CM
E11.3542	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye	Diagnosis	ICD-10-CM
E11.3543	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral	Diagnosis	ICD-10-CM
E11.3549	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye	Diagnosis	ICD-10-CM
E11.355	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E11.3551	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, right eye	Diagnosis	ICD-10-CM
E11.3552	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, left eye	Diagnosis	ICD-10-CM
E11.3553	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, bilateral	Diagnosis	ICD-10-CM
E11.3559	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye	Diagnosis	ICD-10-CM
E11.359	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E11.3591	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E11.3592	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E11.3593	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E11.3599	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E11.36	Type 2 diabetes mellitus with diabetic cataract	Diagnosis	ICD-10-CM
E11.37	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment	Diagnosis	ICD-10-CM
E11.37X1	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, right eye	Diagnosis	ICD-10-CM
E11.37X2	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, left eye	Diagnosis	ICD-10-CM
E11.37X3	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral	Diagnosis	ICD-10-CM
E11.37X9	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye	Diagnosis	ICD-10-CM
E11.39	Type 2 diabetes mellitus with other diabetic ophthalmic complication	Diagnosis	ICD-10-CM
E11.4	Type 2 diabetes mellitus with neurological complications	Diagnosis	ICD-10-CM
E11.40	Type 2 diabetes mellitus with diabetic neuropathy, unspecified	Diagnosis	ICD-10-CM
E11.41	Type 2 diabetes mellitus with diabetic mononeuropathy	Diagnosis	ICD-10-CM
E11.42	Type 2 diabetes mellitus with diabetic polyneuropathy	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define the 29 Selected Health Conditions in this Request

Code	Description	Code Category	Code Type
E11.43	Type 2 diabetes mellitus with diabetic autonomic (poly)neuropathy	Diagnosis	ICD-10-CM
E11.44	Type 2 diabetes mellitus with diabetic amyotrophy	Diagnosis	ICD-10-CM
E11.49	Type 2 diabetes mellitus with other diabetic neurological complication	Diagnosis	ICD-10-CM
E11.5	Type 2 diabetes mellitus with circulatory complications	Diagnosis	ICD-10-CM
E11.51	Type 2 diabetes mellitus with diabetic peripheral angiopathy without gangrene	Diagnosis	ICD-10-CM
E11.52	Type 2 diabetes mellitus with diabetic peripheral angiopathy with gangrene	Diagnosis	ICD-10-CM
E11.59	Type 2 diabetes mellitus with other circulatory complications	Diagnosis	ICD-10-CM
E11.6	Type 2 diabetes mellitus with other specified complications	Diagnosis	ICD-10-CM
E11.61	Type 2 diabetes mellitus with diabetic arthropathy	Diagnosis	ICD-10-CM
E11.610	Type 2 diabetes mellitus with diabetic neuropathic arthropathy	Diagnosis	ICD-10-CM
E11.618	Type 2 diabetes mellitus with other diabetic arthropathy	Diagnosis	ICD-10-CM
E11.62	Type 2 diabetes mellitus with skin complications	Diagnosis	ICD-10-CM
E11.620	Type 2 diabetes mellitus with diabetic dermatitis	Diagnosis	ICD-10-CM
E11.621	Type 2 diabetes mellitus with foot ulcer	Diagnosis	ICD-10-CM
E11.622	Type 2 diabetes mellitus with other skin ulcer	Diagnosis	ICD-10-CM
E11.628	Type 2 diabetes mellitus with other skin complications	Diagnosis	ICD-10-CM
E11.63	Type 2 diabetes mellitus with oral complications	Diagnosis	ICD-10-CM
E11.630	Type 2 diabetes mellitus with periodontal disease	Diagnosis	ICD-10-CM
E11.638	Type 2 diabetes mellitus with other oral complications	Diagnosis	ICD-10-CM
E11.64	Type 2 diabetes mellitus with hypoglycemia	Diagnosis	ICD-10-CM
E11.641	Type 2 diabetes mellitus with hypoglycemia with coma	Diagnosis	ICD-10-CM
E11.649	Type 2 diabetes mellitus with hypoglycemia without coma	Diagnosis	ICD-10-CM
E11.65	Type 2 diabetes mellitus with hyperglycemia	Diagnosis	ICD-10-CM
E11.69	Type 2 diabetes mellitus with other specified complication	Diagnosis	ICD-10-CM
E11.8	Type 2 diabetes mellitus with unspecified complications	Diagnosis	ICD-10-CM
E11.9	Type 2 diabetes mellitus without complications	Diagnosis	ICD-10-CM
Chronic Kidney Disease			
A18.11	Tuberculosis of kidney and ureter	Diagnosis	ICD-10-CM
A52.75	Syphilis of kidney and ureter	Diagnosis	ICD-10-CM
B52.0	Plasmodium malariae malaria with nephropathy	Diagnosis	ICD-10-CM
E08.21	Diabetes mellitus due to underlying condition with diabetic nephropathy	Diagnosis	ICD-10-CM
E08.22	Diabetes mellitus due to underlying condition with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E08.29	Diabetes mellitus due to underlying condition with other diabetic kidney complication	Diagnosis	ICD-10-CM
E09.21	Drug or chemical induced diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E09.22	Drug or chemical induced diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E09.29	Drug or chemical induced diabetes mellitus with other diabetic kidney complication	Diagnosis	ICD-10-CM
E10.21	Type 1 diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E10.22	Type 1 diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E10.29	Type 1 diabetes mellitus with other diabetic kidney complication	Diagnosis	ICD-10-CM
E11.21	Type 2 diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E11.22	Type 2 diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E11.29	Type 2 diabetes mellitus with other diabetic kidney complication	Diagnosis	ICD-10-CM
E13.21	Other specified diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E13.22	Other specified diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E13.29	Other specified diabetes mellitus with other diabetic kidney complication	Diagnosis	ICD-10-CM
I12.0	Hypertensive chronic kidney disease with stage 5 chronic kidney disease or end stage renal disease	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define the 29 Selected Health Conditions in this Request

Code	Description	Code Category	Code Type
I12.9	Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I13.0	Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I13.10	Hypertensive heart and chronic kidney disease without heart failure, with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I13.11	Hypertensive heart and chronic kidney disease without heart failure, with stage 5 chronic kidney disease, or end stage renal disease	Diagnosis	ICD-10-CM
I13.2	Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage renal disease	Diagnosis	ICD-10-CM
K76.7	Hepatorenal syndrome	Diagnosis	ICD-10-CM
M10.30	Gout due to renal impairment, unspecified site	Diagnosis	ICD-10-CM
M10.311	Gout due to renal impairment, right shoulder	Diagnosis	ICD-10-CM
M10.312	Gout due to renal impairment, left shoulder	Diagnosis	ICD-10-CM
M10.319	Gout due to renal impairment, unspecified shoulder	Diagnosis	ICD-10-CM
M10.321	Gout due to renal impairment, right elbow	Diagnosis	ICD-10-CM
M10.322	Gout due to renal impairment, left elbow	Diagnosis	ICD-10-CM
M10.329	Gout due to renal impairment, unspecified elbow	Diagnosis	ICD-10-CM
M10.331	Gout due to renal impairment, right wrist	Diagnosis	ICD-10-CM
M10.332	Gout due to renal impairment, left wrist	Diagnosis	ICD-10-CM
M10.339	Gout due to renal impairment, unspecified wrist	Diagnosis	ICD-10-CM
M10.341	Gout due to renal impairment, right hand	Diagnosis	ICD-10-CM
M10.342	Gout due to renal impairment, left hand	Diagnosis	ICD-10-CM
M10.349	Gout due to renal impairment, unspecified hand	Diagnosis	ICD-10-CM
M10.351	Gout due to renal impairment, right hip	Diagnosis	ICD-10-CM
M10.352	Gout due to renal impairment, left hip	Diagnosis	ICD-10-CM
M10.359	Gout due to renal impairment, unspecified hip	Diagnosis	ICD-10-CM
M10.361	Gout due to renal impairment, right knee	Diagnosis	ICD-10-CM
M10.362	Gout due to renal impairment, left knee	Diagnosis	ICD-10-CM
M10.369	Gout due to renal impairment, unspecified knee	Diagnosis	ICD-10-CM
M10.371	Gout due to renal impairment, right ankle and foot	Diagnosis	ICD-10-CM
M10.372	Gout due to renal impairment, left ankle and foot	Diagnosis	ICD-10-CM
M10.379	Gout due to renal impairment, unspecified ankle and foot	Diagnosis	ICD-10-CM
M10.38	Gout due to renal impairment, vertebrae	Diagnosis	ICD-10-CM
M10.39	Gout due to renal impairment, multiple sites	Diagnosis	ICD-10-CM
M32.14	Glomerular disease in systemic lupus erythematosus	Diagnosis	ICD-10-CM
M32.15	Tubulo-interstitial nephropathy in systemic lupus erythematosus	Diagnosis	ICD-10-CM
M35.04	Sjogren syndrome with tubulo-interstitial nephropathy	Diagnosis	ICD-10-CM
M35.0A	Sjogren syndrome with glomerular disease	Diagnosis	ICD-10-CM
N01.0	Rapidly progressive nephritic syndrome with minor glomerular abnormality	Diagnosis	ICD-10-CM
N01.1	Rapidly progressive nephritic syndrome with focal and segmental glomerular lesions	Diagnosis	ICD-10-CM
N01.2	Rapidly progressive nephritic syndrome with diffuse membranous glomerulonephritis	Diagnosis	ICD-10-CM
N01.3	Rapidly progressive nephritic syndrome with diffuse mesangial proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N01.4	Rapidly progressive nephritic syndrome with diffuse endocapillary proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N01.5	Rapidly progressive nephritic syndrome with diffuse mesangiocapillary	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define the 29 Selected Health Conditions in this Request

Code	Description	Code Category	Code Type
N01.6	Rapidly progressive nephritic syndrome with dense deposit disease	Diagnosis	ICD-10-CM
N01.7	Rapidly progressive nephritic syndrome with diffuse crescentic glomerulonephritis	Diagnosis	ICD-10-CM
N01.8	Rapidly progressive nephritic syndrome with other morphologic changes	Diagnosis	ICD-10-CM
N01.9	Rapidly progressive nephritic syndrome with unspecified morphologic changes	Diagnosis	ICD-10-CM
N01.A	Rapidly progressive nephritic syndrome with C3 glomerulonephritis	Diagnosis	ICD-10-CM
N02.0	Recurrent and persistent hematuria with minor glomerular abnormality	Diagnosis	ICD-10-CM
N02.1	Recurrent and persistent hematuria with focal and segmental glomerular lesions	Diagnosis	ICD-10-CM
N02.2	Recurrent and persistent hematuria with diffuse membranous glomerulonephritis	Diagnosis	ICD-10-CM
N02.3	Recurrent and persistent hematuria with diffuse mesangial proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N02.4	Recurrent and persistent hematuria with diffuse endocapillary proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N02.5	Recurrent and persistent hematuria with diffuse mesangiocapillary glomerulonephritis	Diagnosis	ICD-10-CM
N02.6	Recurrent and persistent hematuria with dense deposit disease	Diagnosis	ICD-10-CM
N02.7	Recurrent and persistent hematuria with diffuse crescentic glomerulonephritis	Diagnosis	ICD-10-CM
N02.8	Recurrent and persistent hematuria with other morphologic changes	Diagnosis	ICD-10-CM
N02.9	Recurrent and persistent hematuria with unspecified morphologic changes	Diagnosis	ICD-10-CM
N02.A	Recurrent and persistent hematuria with C3 glomerulonephritis	Diagnosis	ICD-10-CM
N03.0	Chronic nephritic syndrome with minor glomerular abnormality	Diagnosis	ICD-10-CM
N03.1	Chronic nephritic syndrome with focal and segmental glomerular lesions	Diagnosis	ICD-10-CM
N03.2	Chronic nephritic syndrome with diffuse membranous glomerulonephritis	Diagnosis	ICD-10-CM
N03.3	Chronic nephritic syndrome with diffuse mesangial proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N03.4	Chronic nephritic syndrome with diffuse endocapillary proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N03.5	Chronic nephritic syndrome with diffuse mesangiocapillary glomerulonephritis	Diagnosis	ICD-10-CM
N03.6	Chronic nephritic syndrome with dense deposit disease	Diagnosis	ICD-10-CM
N03.7	Chronic nephritic syndrome with diffuse crescentic glomerulonephritis	Diagnosis	ICD-10-CM
N03.8	Chronic nephritic syndrome with other morphologic changes	Diagnosis	ICD-10-CM
N03.9	Chronic nephritic syndrome with unspecified morphologic changes	Diagnosis	ICD-10-CM
N03.A	Chronic nephritic syndrome with C3 glomerulonephritis	Diagnosis	ICD-10-CM
N04.0	Nephrotic syndrome with minor glomerular abnormality	Diagnosis	ICD-10-CM
N04.1	Nephrotic syndrome with focal and segmental glomerular lesions	Diagnosis	ICD-10-CM
N04.2	Nephrotic syndrome with diffuse membranous glomerulonephritis	Diagnosis	ICD-10-CM
N04.3	Nephrotic syndrome with diffuse mesangial proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N04.4	Nephrotic syndrome with diffuse endocapillary proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N04.5	Nephrotic syndrome with diffuse mesangiocapillary glomerulonephritis	Diagnosis	ICD-10-CM
N04.6	Nephrotic syndrome with dense deposit disease	Diagnosis	ICD-10-CM
N04.7	Nephrotic syndrome with diffuse crescentic glomerulonephritis	Diagnosis	ICD-10-CM
N04.8	Nephrotic syndrome with other morphologic changes	Diagnosis	ICD-10-CM
N04.9	Nephrotic syndrome with unspecified morphologic changes	Diagnosis	ICD-10-CM
N04.A	Nephrotic syndrome with C3 glomerulonephritis	Diagnosis	ICD-10-CM
N05.0	Unspecified nephritic syndrome with minor glomerular abnormality	Diagnosis	ICD-10-CM
N05.1	Unspecified nephritic syndrome with focal and segmental glomerular lesions	Diagnosis	ICD-10-CM
N05.2	Unspecified nephritic syndrome with diffuse membranous glomerulonephritis	Diagnosis	ICD-10-CM
N05.3	Unspecified nephritic syndrome with diffuse mesangial proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N05.4	Unspecified nephritic syndrome with diffuse endocapillary proliferative	Diagnosis	ICD-10-CM
N05.5	Unspecified nephritic syndrome with diffuse mesangiocapillary glomerulonephritis	Diagnosis	ICD-10-CM
N05.6	Unspecified nephritic syndrome with dense deposit disease	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define the 29 Selected Health Conditions in this Request

Code	Description	Code Category	Code Type
N05.7	Unspecified nephritic syndrome with diffuse crescentic glomerulonephritis	Diagnosis	ICD-10-CM
N05.8	Unspecified nephritic syndrome with other morphologic changes	Diagnosis	ICD-10-CM
N05.9	Unspecified nephritic syndrome with unspecified morphologic changes	Diagnosis	ICD-10-CM
N05.A	Unspecified nephritic syndrome with C3 glomerulonephritis	Diagnosis	ICD-10-CM
N06.0	Isolated proteinuria with minor glomerular abnormality	Diagnosis	ICD-10-CM
N06.1	Isolated proteinuria with focal and segmental glomerular lesions	Diagnosis	ICD-10-CM
N06.2	Isolated proteinuria with diffuse membranous glomerulonephritis	Diagnosis	ICD-10-CM
N06.3	Isolated proteinuria with diffuse mesangial proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N06.4	Isolated proteinuria with diffuse endocapillary proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N06.5	Isolated proteinuria with diffuse mesangiocapillary glomerulonephritis	Diagnosis	ICD-10-CM
N06.6	Isolated proteinuria with dense deposit disease	Diagnosis	ICD-10-CM
N06.7	Isolated proteinuria with diffuse crescentic glomerulonephritis	Diagnosis	ICD-10-CM
N06.8	Isolated proteinuria with other morphologic lesion	Diagnosis	ICD-10-CM
N06.9	Isolated proteinuria with unspecified morphologic lesion	Diagnosis	ICD-10-CM
N06.A	Isolated proteinuria with C3 glomerulonephritis	Diagnosis	ICD-10-CM
N07.0	Hereditary nephropathy, not elsewhere classified with minor glomerular abnormality	Diagnosis	ICD-10-CM
N07.1	Hereditary nephropathy, not elsewhere classified with focal and segmental glomerular lesions	Diagnosis	ICD-10-CM
N07.2	Hereditary nephropathy, not elsewhere classified with diffuse membranous glomerulonephritis	Diagnosis	ICD-10-CM
N07.3	Hereditary nephropathy, not elsewhere classified with diffuse mesangial proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N07.4	Hereditary nephropathy, not elsewhere classified with diffuse endocapillary proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N07.5	Hereditary nephropathy, not elsewhere classified with diffuse mesangiocapillary glomerulonephritis	Diagnosis	ICD-10-CM
N07.6	Hereditary nephropathy, not elsewhere classified with dense deposit disease	Diagnosis	ICD-10-CM
N07.7	Hereditary nephropathy, not elsewhere classified with diffuse crescentic glomerulonephritis	Diagnosis	ICD-10-CM
N07.8	Hereditary nephropathy, not elsewhere classified with other morphologic lesions	Diagnosis	ICD-10-CM
N07.9	Hereditary nephropathy, not elsewhere classified with unspecified morphologic lesions	Diagnosis	ICD-10-CM
N07.A	Hereditary nephropathy, not elsewhere classified with C3 glomerulonephritis	Diagnosis	ICD-10-CM
N08	Glomerular disorders in diseases classified elsewhere	Diagnosis	ICD-10-CM
N14.0	Analgesic nephropathy	Diagnosis	ICD-10-CM
N14.1	Nephropathy induced by other drugs, medicaments and biological substances	Diagnosis	ICD-10-CM
N14.2	Nephropathy induced by unspecified drug, medicament or biological substance	Diagnosis	ICD-10-CM
N14.3	Nephropathy induced by heavy metals	Diagnosis	ICD-10-CM
N14.4	Toxic nephropathy, not elsewhere classified	Diagnosis	ICD-10-CM
N15.0	Balkan nephropathy	Diagnosis	ICD-10-CM
N15.8	Other specified renal tubulo-interstitial diseases	Diagnosis	ICD-10-CM
N15.9	Renal tubulo-interstitial disease, unspecified	Diagnosis	ICD-10-CM
N16	Renal tubulo-interstitial disorders in diseases classified elsewhere	Diagnosis	ICD-10-CM
N18.1	Chronic kidney disease, stage 1	Diagnosis	ICD-10-CM
N18.2	Chronic kidney disease, stage 2 (mild)	Diagnosis	ICD-10-CM
N18.3	Chronic kidney disease, stage 3 (moderate)	Diagnosis	ICD-10-CM
N18.30	Chronic kidney disease, stage 3 unspecified	Diagnosis	ICD-10-CM
N18.31	Chronic kidney disease, stage 3a	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define the 29 Selected Health Conditions in this Request

Code	Description	Code Category	Code Type
N18.32	Chronic kidney disease, stage 3b	Diagnosis	ICD-10-CM
N18.4	Chronic kidney disease, stage 4 (severe)	Diagnosis	ICD-10-CM
N18.5	Chronic kidney disease, stage 5	Diagnosis	ICD-10-CM
N18.6	End stage renal disease	Diagnosis	ICD-10-CM
N18.9	Chronic kidney disease, unspecified	Diagnosis	ICD-10-CM
N25.1	Nephrogenic diabetes insipidus	Diagnosis	ICD-10-CM
N25.89	Other disorders resulting from impaired renal tubular function	Diagnosis	ICD-10-CM
N25.9	Disorder resulting from impaired renal tubular function, unspecified	Diagnosis	ICD-10-CM
N26.1	Atrophy of kidney (terminal)	Diagnosis	ICD-10-CM
N26.9	Renal sclerosis, unspecified	Diagnosis	ICD-10-CM
N99.0	Postprocedural (acute) (chronic) kidney failure	Diagnosis	ICD-10-CM
Q61.02	Congenital multiple renal cysts	Diagnosis	ICD-10-CM
Q61.11	Cystic dilatation of collecting ducts	Diagnosis	ICD-10-CM
Q61.19	Other polycystic kidney, infantile type	Diagnosis	ICD-10-CM
Q61.2	Polycystic kidney, adult type	Diagnosis	ICD-10-CM
Q61.3	Polycystic kidney, unspecified	Diagnosis	ICD-10-CM
Q61.4	Renal dysplasia	Diagnosis	ICD-10-CM
Q61.5	Medullary cystic kidney	Diagnosis	ICD-10-CM
Q61.8	Other cystic kidney diseases	Diagnosis	ICD-10-CM

Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define the Stroke/Transient Ischemic Attack Exclusion Criterion in this Request

Code	Description	Code Category	Code Type
S06.340A	Traumatic hemorrhage of right cerebrum without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.341A	Traumatic hemorrhage of right cerebrum with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.342A	Traumatic hemorrhage of right cerebrum with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.343A	Traumatic hemorrhage of right cerebrum with loss of consciousness of 1 hours to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.344A	Traumatic hemorrhage of right cerebrum with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.345A	Traumatic hemorrhage of right cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.346A	Traumatic hemorrhage of right cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.347A	Traumatic hemorrhage of right cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.348A	Traumatic hemorrhage of right cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.349A	Traumatic hemorrhage of right cerebrum with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.350A	Traumatic hemorrhage of left cerebrum without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.351A	Traumatic hemorrhage of left cerebrum with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.352A	Traumatic hemorrhage of left cerebrum with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.353A	Traumatic hemorrhage of left cerebrum with loss of consciousness of 1 hours to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.354A	Traumatic hemorrhage of left cerebrum with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.355A	Traumatic hemorrhage of left cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.356A	Traumatic hemorrhage of left cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.357A	Traumatic hemorrhage of left cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.358A	Traumatic hemorrhage of left cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.359A	Traumatic hemorrhage of left cerebrum with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.360A	Traumatic hemorrhage of cerebrum, unspecified, without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.361A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.362A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.363A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 1 hours to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM

Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define the Stroke/Transient Ischemic Attack Exclusion Criterion in this Request

Code	Description	Code Category	Code Type
S06.364A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.365A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.366A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.367A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial	Diagnosis	ICD-10-CM
S06.368A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial	Diagnosis	ICD-10-CM
S06.369A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.370A	Contusion, laceration, and hemorrhage of cerebellum without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.371A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.372A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.373A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.374A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.375A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.376A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.377A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial	Diagnosis	ICD-10-CM
S06.378A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial	Diagnosis	ICD-10-CM
S06.379A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.380A	Contusion, laceration, and hemorrhage of brainstem without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.381A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.382A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.383A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.384A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.385A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM

Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define the Stroke/Transient Ischemic Attack Exclusion Criterion in this Request

Code	Description	Code Category	Code Type
S06.386A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.387A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.388A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.389A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.5X0A	Traumatic subdural hemorrhage without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.5X1A	Traumatic subdural hemorrhage with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.5X2A	Traumatic subdural hemorrhage with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.5X3A	Traumatic subdural hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.5X4A	Traumatic subdural hemorrhage with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.5X5A	Traumatic subdural hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.5X6A	Traumatic subdural hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.5X7A	Traumatic subdural hemorrhage with loss of consciousness of any duration with death due to brain injury before regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.5X8A	Traumatic subdural hemorrhage with loss of consciousness of any duration with death due to other cause before regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.5X9A	Traumatic subdural hemorrhage with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.6X0A	Traumatic subarachnoid hemorrhage without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.6X1A	Traumatic subarachnoid hemorrhage with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.6X2A	Traumatic subarachnoid hemorrhage with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.6X3A	Traumatic subarachnoid hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.6X4A	Traumatic subarachnoid hemorrhage with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.6X5A	Traumatic subarachnoid hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.6X6A	Traumatic subarachnoid hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.6X7A	Traumatic subarachnoid hemorrhage with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.6X8A	Traumatic subarachnoid hemorrhage with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.6X9A	Traumatic subarachnoid hemorrhage with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM

Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define the Stroke/Transient Ischemic Attack Exclusion Criterion in this Request

Code	Description	Code Category	Code Type
S06.810A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.811A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.812A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.813A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.814A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.815A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.816A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.817A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.818A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.819A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.820A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.821A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.822A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.823A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.824A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.825A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.826A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.827A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.828A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM

Appendix C. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define the Stroke/Transient Ischemic Attack Exclusion Criterion in this Request

Code	Description	Code Category	Code Type
S06.829A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.890A	Other specified intracranial injury without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.891A	Other specified intracranial injury with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.892A	Other specified intracranial injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.893A	Other specified intracranial injury with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.894A	Other specified intracranial injury with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.895A	Other specified intracranial injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.896A	Other specified intracranial injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.897A	Other specified intracranial injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.898A	Other specified intracranial injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.899A	Other specified intracranial injury with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.9X0A	Unspecified intracranial injury without loss of consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.9X1A	Unspecified intracranial injury with loss of consciousness of 30 minutes or less, initial encounter	Diagnosis	ICD-10-CM
S06.9X2A	Unspecified intracranial injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.9X3A	Unspecified intracranial injury with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter	Diagnosis	ICD-10-CM
S06.9X4A	Unspecified intracranial injury with loss of consciousness of 6 hours to 24 hours, initial encounter	Diagnosis	ICD-10-CM
S06.9X5A	Unspecified intracranial injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter	Diagnosis	ICD-10-CM
S06.9X6A	Unspecified intracranial injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter	Diagnosis	ICD-10-CM
S06.9X7A	Unspecified intracranial injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.9X8A	Unspecified intracranial injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter	Diagnosis	ICD-10-CM
S06.9X9A	Unspecified intracranial injury with loss of consciousness of unspecified duration, initial encounter	Diagnosis	ICD-10-CM
S06.A0XA	Traumatic brain compression without herniation, initial encounter	Diagnosis	ICD-10-CM
S06.A1XA	Traumatic brain compression with herniation, initial encounter	Diagnosis	ICD-10-CM

Appendix D. Specifications Defining Parameters in this Request for Run 1 without Cohort Re-Entry

This request executed the Cohort Identification and Descriptive Analysis (CIDA) tool, version 12.2.2, to help support Prescription Drug User Fee Act (PDUFA) VII prep by identifying prevalence of specific conditions among individuals of child-bearing potential in the Sentinel Distributed Database (SDD).

Query period: 10/01/2015 to 09/30/2023
Coverage requirement: Medical & drug coverage
Pre-index enrollment requirement: 0 days
Enrollment gap: 45 days
Sex: Female
Age groups: 10-14, 15-19, 20-24, 25-29, 30-34, 35-39, 40-44, 45-49, 50-54 years
Stratifications: Calendar year, age group
Envelope macro: *Reclassify encounters during inpatient stay as inpatient
Freeze data: No

Exposure/Event

Scenario	Index Exposure/ Event	Cohort Definition	Washout Period	Care Setting ¹	Principal Diagnosis Position	Create Baseline Table?	Censor Enrollment at Evidence of
1	Depression	*First valid index date during query period (01) (re-entry NOT allowed)	0 days	1 Inpatient Claim: IP* OR 2 Non-inpatient Claims (Combo): IS*, AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
2	Anxiety Disorder	*First valid index date during query period (01) (re-entry NOT allowed)	0 days	1 Inpatient Claim: IP* OR 2 Non-inpatient Claims (Combo): IS*, AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
3	Attention Deficit Hyperactivity Disorders	*First valid index date during query period (01) (re-entry NOT allowed)	0 days	1 Inpatient Claim: IP* OR 2 Non-inpatient Claims (Combo): IS*, AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date

Appendix D. Specifications Defining Parameters in this Request for Run 1 without Cohort Re-Entry

Scenario	Exposure/Event				Principal Diagnosis Position	Create Baseline Table?	Censor Enrollment at Evidence of
	Index Exposure/ Event	Cohort Definition	Washout Period	Care Setting ¹			
4	Personality Disorders	*First valid index date during query period (01) (re-entry NOT allowed)	0 days	1 Inpatient Claim: IP* OR 2 Non-inpatient Claims (Combo): IS*, AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
5	Schizophrenia and Other Psychotic Disorders	*First valid index date during query period (01) (re-entry NOT allowed)	0 days	1 Inpatient Claim: IP* OR 2 Non-inpatient Claims (Combo): IS*, AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
6	Bipolar Disorder	*First valid index date during query period (01) (re-entry NOT allowed)	0 days	1 Inpatient Claim: IP* OR 2 Non-inpatient Claims (Combo): IS*, AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
7	Post-Traumatic Stress Disorder	*First valid index date during query period (01) (re-entry NOT allowed)	0 days	1 Inpatient Claim: IP* OR 2 Non-inpatient Claims (Combo): IS*, AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
8	Epilepsy/Convulsions	*First valid index date during query period (01) (re-entry NOT allowed)	0 days	1 Inpatient Claim: IP* OR 2 Non-inpatient Claims (Combo): IS*, AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date

Appendix D. Specifications Defining Parameters in this Request for Run 1 without Cohort Re-Entry

Scenario	Index Exposure/ Event	Cohort Definition	Washout Period	Exposure/Event		Principal Diagnosis Position	Create Baseline Table?	Censor Enrollment at Evidence of
				Care Setting ¹				
9	Migraine/Headache	*First valid index date during query period (01) (re-entry NOT allowed)	0 days	1 Inpatient Claim: IP* OR 2 Non-inpatient Claims (Combo): IS*, AV*, ED*, OA*		*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
10	Pain Conditions	*First valid index date during query period (01) (re-entry NOT allowed)	0 days	1 Inpatient or 1 Institutional Stay Claim: IP*, IS* OR 2 Outpatient Claims (Combo): AV*, ED*, OA*		*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
11	Multiple Sclerosis	*First valid index date during query period (01) (re-entry NOT allowed)	0 days	1 Inpatient Claim: IP* OR 2 Non-inpatient Claims (Combo): IS*, AV*, ED*, OA*		*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
12	Alzheimer's Disease	*First valid index date during query period (01) (re-entry NOT allowed)	0 days	1 Inpatient or 1 Institutional Stay Claim: IP*, IS* OR 2 Outpatient Claims (Combo): AV*, ED*, OA*		*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
13	Non-Alzheimer's Dementia	*First valid index date during query period (01) (re-entry NOT allowed)	0 days	1 Inpatient or 1 Institutional Stay Claim: IP*, IS* OR 2 Outpatient Claims (Combo): AV*, ED*, OA*		*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date

Appendix D. Specifications Defining Parameters in this Request for Run 1 without Cohort Re-Entry

Scenario	Exposure/Event				Principal Diagnosis Position	Create Baseline Table?	Censor Enrollment at Evidence of
	Index Exposure/ Event	Cohort Definition	Washout Period	Care Setting ¹			
14	Parkinson's Disease and Secondary Parkinsonism	*First valid index date during query period (01) (re-entry NOT allowed)	0 days	1 Inpatient or 1 Institutional Stay Claim: IP*, IS* OR 2 Outpatient Claims (Combo): AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
15	Asthma	*First valid index date during query period (01) (re-entry NOT allowed)	0 days	1 Inpatient or 1 Institutional Stay Claim: IP*, IS* OR 2 Outpatient Claims (Combo): AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
16	Pulmonary Embolism**	*First valid index date during query period (01) (re-entry NOT allowed)	0 days	1 Inpatient or 1 Emergency Department Claim: IP*, ED*	*PDX	Yes	*End of Enrollment *Death *Query end date *DP Max Date
17	Chronic Obstructive Pulmonary Disease	*First valid index date during query period (01) (re-entry NOT allowed)	0 days	1 Inpatient or 1 Institutional Stay Claim: IP*, IS* OR 2 Outpatient Claims (Combo): AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
18	Hypertension	*First valid index date during query period (01) (re-entry NOT allowed)	0 days	1 Inpatient or 1 Institutional Stay Claim: IP*, IS* OR 2 Outpatient Claims (Combo): AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date

Appendix D. Specifications Defining Parameters in this Request for Run 1 without Cohort Re-Entry

Scenario	Exposure/Event				Principal Diagnosis Position	Create Baseline Table?	Censor Enrollment at Evidence of
	Index Exposure/ Event	Cohort Definition	Washout Period	Care Setting ¹			
19	Acute Myocardial Infarction	*First valid index date during query period (01) (re-entry NOT allowed)	0 days	1 Inpatient Claim: IP*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
20	Atrial Fibrillation and Flutter	*First valid index date during query period (01) (re-entry NOT allowed)	0 days	1 Inpatient or 1 Institutional Stay Claim: IP*, IS* OR 2 Outpatient Claims (Combo): AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
21	Heart Failure and Non-Ischemic Heart Disease	*First valid index date during query period (01) (re-entry NOT allowed)	0 days	1 Inpatient or 1 Institutional Stay Claim: IP*, IS* OR 2 Outpatient Claims (Combo): AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
22	Ischemic Heart Disease	*First valid index date during query period (01) (re-entry NOT allowed)	0 days	1 Inpatient or 1 Institutional Stay Claim: IP*, IS* OR 2 Outpatient Claims (Combo): AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
23	Stroke/Transient Ischemic Attack	*First valid index date during query period (01) (re-entry NOT allowed)	0 days	1 Inpatient or 1 Outpatient Claim: IP*, AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date

Appendix D. Specifications Defining Parameters in this Request for Run 1 without Cohort Re-Entry

Scenario	Exposure/Event				Principal Diagnosis Position	Create Baseline Table?	Censor Enrollment at Evidence of
	Index Exposure/ Event	Cohort Definition	Washout Period	Care Setting ¹			
24	Hyperlipidemia	*First valid index date during query period (01) (re-entry NOT allowed)	0 days	1 Inpatient or 1 Institutional Stay Claim: IP*, IS* OR 2 Outpatient Claims (Combo): AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
25	Obesity	*First valid index date during query period (01) (re-entry NOT allowed)	0 days	1 Inpatient Claim: IP* OR 2 Non-inpatient Claims (Combo): IS*, AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
26	Overweight	*First valid index date during query period (01) (re-entry NOT allowed)	0 days	1 Inpatient Claim: IP* OR 2 Non-inpatient Claims (Combo): IS*, AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
27	Diabetes Type1	*First valid index date during query period (01) (re-entry NOT allowed)	0 days	1 Inpatient or 1 Institutional Stay Claim: IP*, IS* OR 2 Outpatient Claims (Combo): AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
28	Diabetes Type 2	*First valid index date during query period (01) (re-entry NOT allowed)	0 days	1 Inpatient or 1 Institutional Stay Claim: IP*, IS* OR 2 Outpatient Claims (Combo): AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
29	Chronic Kidney Disease	*First valid index date during query period (01) (re-entry NOT allowed)	0 days	1 Inpatient or 1 Institutional Stay Claim: IP*, IS* OR 2 Outpatient Claims (Combo): AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date

Appendix D. Specifications Defining Parameters in this Request for Run 1 without Cohort Re-Entry

Scenario	Inclusion/ Exclusion	Criteria	Care Setting	Inclusion/Exclusion Criteria		Exclude Evidence of Days Supply if Inclusion/Exclusion Period Includes Dispensings	Number of Instances the Criteria Should Be Found in Evaluation Period
				Evaluation Period Start	Evaluation Period End		
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23	stro_trans	Exclusion	Any	0	0	N	1
24							
25							

Appendix D. Specifications Defining Parameters in this Request for Run 1 without Cohort Re-Entry

Inclusion/Exclusion Criteria							
Scenario	Inclusion/ Exclusion	Criteria	Care Setting	Evaluation Period Start	Evaluation Period End	Exclude Evidence of Days Supply if Inclusion/Exclusion Evaluation Period Includes Dispensings	Number of Instances the Criteria Should Be Found in Evaluation Period
26							
27							
28							
29							
<p>International Classification of Diseases, Ninth Revision (ICD-9), International Classification of Diseases, Tenth Revision (ICD-10), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology (CPT) codes are provided by Optum360. National Drug Codes (NDC) codes are checked against First Data Bank's FDB MedKnowledge®.</p> <p>¹Caresetting/ Principal Diagnosis Ambulatory Visit (AV) - includes visits at outpatient clinics, same-day surgeries, urgent care visits, and other same-day ambulatory hospital encounters, but excludes emergency department encounters. Emergency Department (ED) - includes ED encounters that become inpatient stays (in which case inpatient stays would be a separate encounter). Excludes urgent care visits. Inpatient Hospital Stay (IP) - includes all inpatient stays, same-day hospital discharges, hospital transfers, and acute hospital care where the discharge is after the admission date. Non-Acute Institutional Stay (IS) - includes hospice, skilled nursing facility (SNF), rehab center, nursing home, residential, overnight non-hospital dialysis and other non-hospital stays. Other Ambulatory Visit (OA) - includes other non overnight AV encounters such as hospice visits, home health visits, skilled nursing facility visits, other non-hospital visits, as well as telemedicine, telephone and email consultations. 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 Care setting/PDX parameter.</p> <p>** Pulmonary embolism is defined by at least one primary diagnosis code in inpatient or emergency department claims based on the validation of study by Fang et al. (2018). Validity of Using Inpatient and Outpatient Administrative Codes to Identify Acute Venous Thromboembolism: The CVRN VTE Study.</p>							

Appendix E. Specifications Defining Parameters in this Request for Run 2 with Cohort Re-Entry

This request executed the Cohort Identification and Descriptive Analysis (CIDA) tool, version 12.2.2, to help support Prescription Drug User Fee Act (PDUFA) VII prep by identifying prevalence of specific conditions among individuals of child-bearing potential in the Sentinel Distributed Database (SDD).

Query period: 10/01/2015 to 09/30/2023
Coverage requirement: Medical & drug coverage
Pre-index enrollment requirement: 0 days
Enrollment gap: 45 days
Sex: Female
Age groups: 10-14, 15-19, 20-24, 25-29, 30-34, 35-39, 40-44, 45-49, 50-54 years
Stratifications: Calendar year, age group
Envelope macro: *Reclassify encounters during inpatient stay as inpatient
Freeze data: No

Exposure/Event

Scenario	Index Exposure/ Event	Cohort Definition	Washout Period	Care Setting ¹	Principal Diagnosis Position	Create Baseline Table?	Censor Enrollment at Evidence of
1	Depression	*All valid index dates during query period (02) (re-entry allowed)	0 days	1 Inpatient Claim: IP* OR 2 Non-inpatient Claims (Combo): IS*, AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
2	Anxiety Disorder	*All valid index dates during query period (02) (re-entry allowed)	0 days	1 Inpatient Claim: IP* OR 2 Non-inpatient Claims (Combo): IS*, AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
3	Attention Deficit Hyperactivity Disorders	*All valid index dates during query period (02) (re-entry allowed)	0 days	1 Inpatient Claim: IP* OR 2 Non-inpatient Claims (Combo): IS*, AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date

Appendix E. Specifications Defining Parameters in this Request for Run 2 with Cohort Re-Entry

Scenario	Exposure/Event				Principal Diagnosis Position	Create Baseline Table?	Censor Enrollment at Evidence of
	Index Exposure/ Event	Cohort Definition	Washout Period	Care Setting ¹			
4	Personality Disorders	*All valid index dates during query period (02) (re-entry allowed)	0 days	1 Inpatient Claim: IP* OR 2 Non-inpatient Claims (Combo): IS*, AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
5	Schizophrenia and Other Psychotic Disorders	*All valid index dates during query period (02) (re-entry allowed)	0 days	1 Inpatient Claim: IP* OR 2 Non-inpatient Claims (Combo): IS*, AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
6	Bipolar Disorder	*All valid index dates during query period (02) (re-entry allowed)	0 days	1 Inpatient Claim: IP* OR 2 Non-inpatient Claims (Combo): IS*, AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
7	Post-Traumatic Stress Disorder	*All valid index dates during query period (02) (re-entry allowed)	0 days	1 Inpatient Claim: IP* OR 2 Non-inpatient Claims (Combo): IS*, AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
8	Epilepsy/Convulsions	*All valid index dates during query period (02) (re-entry allowed)	0 days	1 Inpatient Claim: IP* OR 2 Non-inpatient Claims (Combo): IS*, AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date

Appendix E. Specifications Defining Parameters in this Request for Run 2 with Cohort Re-Entry

Scenario	Exposure/Event				Principal Diagnosis Position	Create Baseline Table?	Censor Enrollment at Evidence of
	Index Exposure/Event	Cohort Definition	Washout Period	Care Setting ¹			
9	Migraine/Headache	*All valid index dates during query period (02) (re-entry allowed)	0 days	1 Inpatient Claim: IP* OR 2 Non-inpatient Claims (Combo): IS*, AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
10	Pain Conditions	*All valid index dates during query period (02) (re-entry allowed)	0 days	1 Inpatient or 1 Institutional Stay Claim: IP*, IS* OR 2 Outpatient Claims (Combo): AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
11	Multiple Sclerosis	*All valid index dates during query period (02) (re-entry allowed)	0 days	1 Inpatient Claim: IP* OR 2 Non-inpatient Claims (Combo): IS*, AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
12	Alzheimer's Disease	*All valid index dates during query period (02) (re-entry allowed)	0 days	1 Inpatient or 1 Institutional Stay Claim: IP*, IS* OR 2 Outpatient Claims (Combo): AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
13	Non-Alzheimer's Dementia	*All valid index dates during query period (02) (re-entry allowed)	0 days	1 Inpatient or 1 Institutional Stay Claim: IP*, IS* OR 2 Outpatient Claims (Combo): AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date

Appendix E. Specifications Defining Parameters in this Request for Run 2 with Cohort Re-Entry

Scenario	Exposure/Event				Principal Diagnosis Position	Create Baseline Table?	Censor Enrollment at Evidence of
	Index Exposure/Event	Cohort Definition	Washout Period	Care Setting ¹			
14	Parkinson's Disease and Secondary Parkinsonism	*All valid index dates during query period (02) (re-entry allowed)	0 days	1 Inpatient or 1 Institutional Stay Claim: IP*, IS* OR 2 Outpatient Claims (Combo): AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
15	Asthma	*All valid index dates during query period (02) (re-entry allowed)	0 days	1 Inpatient or 1 Institutional Stay Claim: IP*, IS* OR 2 Outpatient Claims (Combo): AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
16	Pulmonary Embolism**	*All valid index dates during query period (02) (re-entry allowed)	0 days	1 Inpatient or 1 Emergency Department Claim: IP*, ED*	*PDX	Yes	*End of Enrollment *Death *Query end date *DP Max Date
17	Chronic Obstructive Pulmonary Disease	*All valid index dates during query period (02) (re-entry allowed)	0 days	1 Inpatient or 1 Institutional Stay Claim: IP*, IS* OR 2 Outpatient Claims (Combo): AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
18	Hypertension	*All valid index dates during query period (02) (re-entry allowed)	0 days	1 Inpatient or 1 Institutional Stay Claim: IP*, IS* OR 2 Outpatient Claims (Combo): AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date

Appendix E. Specifications Defining Parameters in this Request for Run 2 with Cohort Re-Entry

Scenario	Exposure/Event				Principal Diagnosis Position	Create Baseline Table?	Censor Enrollment at Evidence of
	Index Exposure/Event	Cohort Definition	Washout Period	Care Setting ¹			
19	Acute Myocardial Infarction	*All valid index dates during query period (02) (re-entry allowed)	0 days	1 Inpatient Claim: IP*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
20	Atrial Fibrillation and Flutter	*All valid index dates during query period (02) (re-entry allowed)	0 days	1 Inpatient or 1 Institutional Stay Claim: IP*, IS* OR 2 Outpatient Claims (Combo): AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
21	Heart Failure and Non-Ischemic Heart Disease	*All valid index dates during query period (02) (re-entry allowed)	0 days	1 Inpatient or 1 Institutional Stay Claim: IP*, IS* OR 2 Outpatient Claims (Combo): AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
22	Ischemic Heart Disease	*All valid index dates during query period (02) (re-entry allowed)	0 days	1 Inpatient or 1 Institutional Stay Claim: IP*, IS* OR 2 Outpatient Claims (Combo): AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
23	Stroke/Transient Ischemic Attack	*All valid index dates during query period (02) (re-entry allowed)	0 days	1 Inpatient or 1 Outpatient Claim: IP*, AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date

Appendix E. Specifications Defining Parameters in this Request for Run 2 with Cohort Re-Entry

Exposure/Event							
Scenario	Index Exposure/ Event	Cohort Definition	Washout Period	Care Setting ¹	Principal Diagnosis Position	Create Baseline Table?	Censor Enrollment at Evidence of
24	Hyperlipidemia	*All valid index dates during query period (02) (re-entry allowed)	0 days	1 Inpatient or 1 Institutional Stay Claim: IP*, IS* OR 2 Outpatient Claims (Combo): AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
25	Obesity	*All valid index dates during query period (02) (re-entry allowed)	0 days	1 Inpatient Claim: IP* OR 2 Non-inpatient Claims (Combo): IS*, AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
26	Overweight	*All valid index dates during query period (02) (re-entry allowed)	0 days	1 Inpatient Claim: IP* OR 2 Non-inpatient Claims (Combo): IS*, AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
27	Diabetes Type1	*All valid index dates during query period (02) (re-entry allowed)	0 days	1 Inpatient or 1 Institutional Stay Claim: IP*, IS* OR 2 Outpatient Claims (Combo): AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
28	Diabetes Type 2	*All valid index dates during query period (02) (re-entry allowed)	0 days	1 Inpatient or 1 Institutional Stay Claim: IP*, IS* OR 2 Outpatient Claims (Combo): AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date
29	Chronic Kidney Disease	*All valid index dates during query period (02) (re-entry allowed)	0 days	1 Inpatient or 1 Institutional Stay Claim: IP*, IS* OR 2 Outpatient Claims (Combo): AV*, ED*, OA*	*Any	Yes	*End of Enrollment *Death *Query end date *DP Max Date

Appendix E. Specifications Defining Parameters in this Request for Run 2 with Cohort Re-Entry

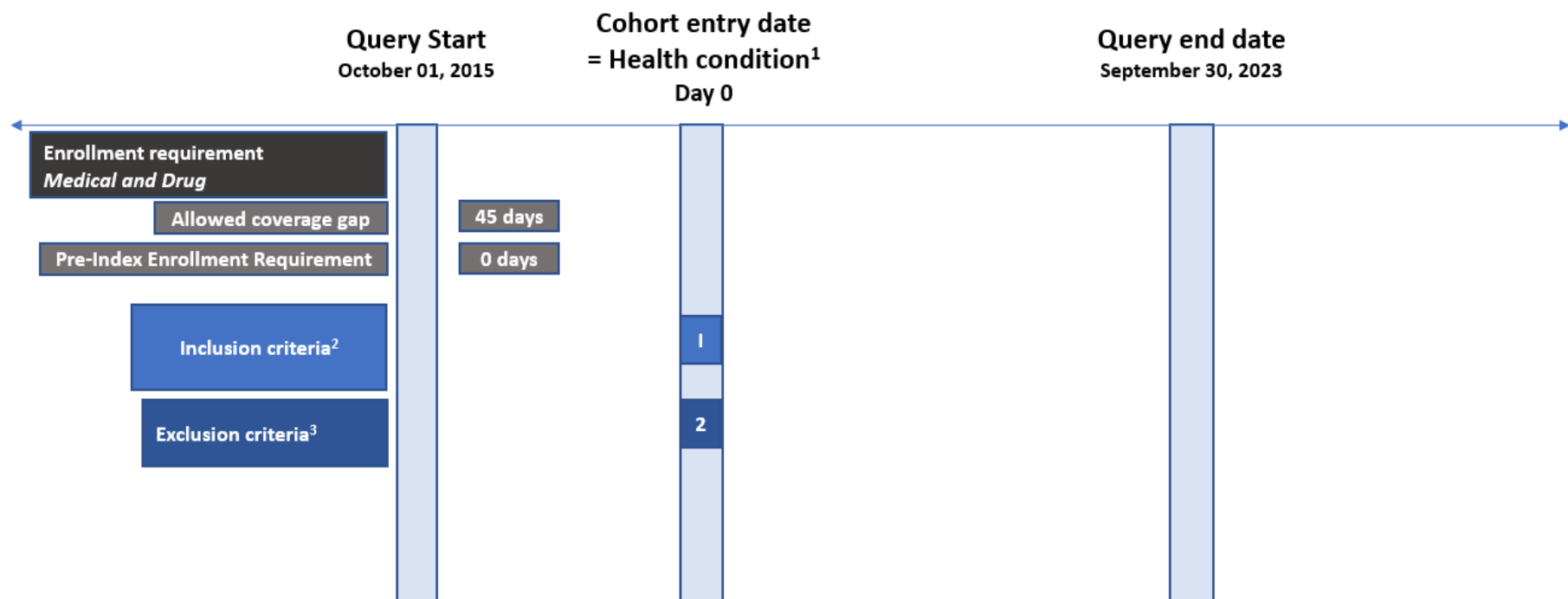
Scenario	Inclusion/ Exclusion	Criteria	Care Setting	Inclusion/Exclusion Criteria		Exclude Evidence of Days Supply if Inclusion/Exclusion Period Includes Dispensings	Number of Instances the Criteria Should Be Found in Evaluation Period
				Evaluation Period Start	Evaluation Period End		
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
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18							
19							
20							
21							
22							
23	stro_trans	Exclusion	Any	0	0	N	1
24							
25							

Appendix E. Specifications Defining Parameters in this Request for Run 2 with Cohort Re-Entry

Inclusion/Exclusion Criteria							
Scenario	Inclusion/ Exclusion	Criteria	Care Setting	Evaluation Period Start	Evaluation Period End	Exclude Evidence of Days Supply if Inclusion/Exclusion Evaluation Period Includes Dispensings	Number of Instances the Criteria Should Be Found in Evaluation Period
26							
27							
28							
29							
<p>International Classification of Diseases, Ninth Revision (ICD-9), International Classification of Diseases, Tenth Revision (ICD-10), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology (CPT) codes are provided by Optum360. National Drug Codes (NDC) codes are checked against First Data Bank's FDB MedKnowledge®.</p> <p>¹Caresetting/ Principal Diagnosis</p> <p>Ambulatory Visit (AV) - includes visits at outpatient clinics, same-day surgeries, urgent care visits, and other same-day ambulatory hospital encounters, but excludes emergency department encounters.</p> <p>Emergency Department (ED) - includes ED encounters that become inpatient stays (in which case inpatient stays would be a separate encounter). Excludes urgent care visits.</p> <p>Inpatient Hospital Stay (IP) - includes all inpatient stays, same-day hospital discharges, hospital transfers, and acute hospital care where the discharge is after the admission date.</p> <p>Non-Acute Institutional Stay (IS) - includes hospice, skilled nursing facility (SNF), rehab center, nursing home, residential, overnight non-hospital dialysis and other non-hospital stays.</p> <p>Other Ambulatory Visit (OA) - includes other non overnight AV encounters such as hospice visits, home health visits, skilled nursing facility visits, other non-hospital visits, as well as telemedicine, telephone and email consultations.</p> <p>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 Care setting/PDX parameter.</p> <p>** Pulmonary embolism is defined by at least one primary diagnosis code in inpatient or emergency department claims based on the validation of study by Fang et al. (2018). Validity of Using Inpatient and Outpatient Administrative Codes to Identify Acute Venous Thromboembolism: The CVRN VTE Study.</p>							

Appendix F. Design Diagram Used in this Request

Cohort Design¹
r01: Cohort Def 01 (re-entry not allowed)
r02: Cohort Def 02 (re-entry allowed)



¹Includes one of 29 selected health conditions during the query period

²Inclusion Criteria:

Window I: Age 10-54 years and Female

³Exclusion Criteria:

Window II: Exclusion codes for Stroke/Transient Ischemic Attack provided by Chronic Conditions Data Warehouse : <https://www2.ccwdata.org/documents/10280/86658989/chr-cond-algo-stroke.pdf>