

Disclaimer

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

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

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

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

If you are using a web page screen reader and are unable to access this document, please contact the Sentinel Operations Center for assistance at info@sentinelssystem.org.

Overview for Request: cder_mpl1r_wp246

Request ID: cder_mpl1r_wp246

Request Description: In this report we described trends in healthcare encounters with evidence of disorders related to the use, abuse, or dependence involving cannabis, cocaine, and alcohol.

Sentinel Routine Querying Module: Cohort Identification and Descriptive Analysis (CIDA) module, version 12.0.1

Data Source: We distributed this query to nine Sentinel Data Partners on March 10, 2023. These Data Partners are a subset of the Sentinel Distributed Database (SDD) and do not include patients with Medicare or Medicaid coverage. The study period included data from April 1, 2016 through June 30, 2022. Please see Appendix A for a list of dates of available data for each Data Partner.

Study Design: We identified encounters with evidence of disorders related to cannabis, cocaine, or alcohol among commercially-insured individuals aged 18-64 years old. We described baseline characteristics at the level of the encounter (with the exception of sex, race, and ethnicity); and described annual trends in all encounters and in encounters by age (18-25, 26-44, and 45-64 years old). Additionally, we characterized most frequently coded diagnoses on the day of the encounter. This is a Type 1 analysis in the Query Request Package (QRP) documentation.

Events of Interest: Our events of interest were disorders related to the use, abuse, or dependence involving cannabis, cocaine, or alcohol, including those noted as in remission, or with accompanying withdrawal or psychosis, identified using International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) diagnosis codes. For each substance, we used four definitions of disorders: (1) any disorder (including use, abuse, withdrawal, dependence, disorder, or remission); (2) remission (including early and sustained remission); (3) use, abuse, and dependence with psychotic disorders; and (4) Diagnostic and Statistical Manual of Mental Disorders, Fifth Edition (DSM-5) definition of substance use disorder. Occurrence of encounters of interest were evaluated in any care setting and separately in the outpatient (emergency department or ambulatory), inpatient, and institutional stay settings. Please see Appendix B for the ICD-10-CM codes used to identify cohort-defining events of interest.

Cohort Eligibility Criteria: Encounters were eligible for cohort entry if the individuals contributing the encounters were continuously enrolled in health plans with medical coverage in the 183 days prior to cohort-defining event of interest including the index date. A gap in coverage of up to 45 days was allowed and treated as continuous enrollment. Encounters occurring in individuals of ages 18-64 years, male or female sex, were considered for cohort entry. Individuals could contribute more than one encounter within each cohort of interest as cohort re-entry was allowed and no washout period between encounters was required. Individuals could also contribute encounters to more than one cohort as cohorts were not mutually exclusive.

Exclusion Criteria: For the cohorts based on encounters in the emergency or outpatient care setting, encounters were excluded if there was evidence of an index-defining code in an inpatient care setting in the subsequent three days. For encounters in the overall any care setting scenario, this exclusion criteria was not applied. Please see Appendix B for ICD-10-CM codes used to identify exclusion criteria.

Baseline Characteristics: We ascertained the following demographic characteristics assessed on the cohort entry date for all cohort qualifying encounters: age, sex, race, ethnicity, and calendar year. We ascertained the following clinical characteristics assessed in the 183 days prior to cohort entry date for all cohort qualifying encounters: the Charlson/Elixhauser combined comorbidity score index¹, attention-deficit hyperactivity disorder (ADHD), anorexia and weight loss, anxiety disorders, autism, cancer, cardiovascular conditions (including atrial fibrillation, coronary artery disease, heart failure, hypertension, myocardial infarction, stroke or transient ischemic attack, and other cardiovascular conditions), chronic kidney disease, chronic liver disease, chronic pain, chronic respiratory conditions, dementia, depression, diabetes, epilepsy, glaucoma, human immunodeficiency virus/acquired immunodeficiency syndrome (HIV/AIDS), hyperlipidemia, inflammatory bowel disease, mood disorders, multiple sclerosis, nausea, nicotine use/vaping, obesity, Parkinson's disease, personality disorders, post-traumatic stress disorder, psychotic disorders, rheumatologic and inflammatory conditions, sleep disorders, substance use disorders (including alcohol use disorder, cannabis use disorder, cocaine use disorder, opioid use disorder², and other drug use disorders), and substance poisonings (including opioid poisonings, cannabis poisonings, stimulant poisonings (excluding caffeine), benzodiazepine poisonings, alcohol poisonings, and all other drug poisonings (except caffeine)).

Overview for Request: cder_mpl1r_wp246

We additionally assessed healthcare and drug utilization in the 183 days prior to cohort entry date for all qualifying encounters. Please see Appendix C for a list of ICD-10-CM, Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) codes, and Appendix D for a list of generic and brand names of medical products used to ascertain baseline clinical characteristics.

Please see Appendices E through H for specifications used to define this query package and a design diagram of cohort entry requirements.

Note on Tables with Summary of Encounters: Tables 3-5 consist of a summary of patients with encounters for substance-related disorders per 10,000 eligible members and 10,000 eligible member-years by age group, year, and age group and year. Within these tables, the number of patients with encounters is assessed at every level of the strata such that an individual can be counted more than once if they have valid encounters in multiple levels of the strata. For example, using year strata as an example, if a patient has two encounters in the year 2017, they are counted once in the "number of patients" column and twice in the "number of encounters" column for the year 2017. If a patient has two encounters across 2017 and 2018, they are counted once in the "number of patients" column and once in the "number of encounters" column for the year 2017 and once in each column in the year 2018. Similarly, members that meet eligibility criteria in multiple levels of the strata are counted as part of the eligible member denominator in every strata in which they are deemed eligible.

Limitations: Algorithms used to define substance related disorders and baseline clinical characteristics are imperfect; thus, it is possible that there may be misclassification. Additionally, race information is not well populated in the SDD and there are substantial proportions of "unknown" race and Hispanic indicator values. Specifically, one commercial Data Partner does not provide any race or ethnicity data. Therefore, data should be interpreted with these limitations in mind.

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/SENTINEL/repos/sentinel-routine-querying-tool-documentation/browse>).

¹The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. *J Clin Epidemiol.* 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. *Med Care.* 2017;55(12):1046-1051)

²Opioid Use Disorder. Other Chronic Health, Mental Health, and Potentially Disabling Conditions - Chronic Conditions Data Warehouse. . <https://www2.ccwdata.org/documents/10280/19140001/oth-cond-algo-oud.pdf>

Table of Contents

Glossary List of Terms Found in this Report and their Definitions

Table 1 Characteristics of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

Table 2 Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

Table 3 Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group

Table 4 Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Year

Table 5 Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

Table 6a Most Frequent Diagnoses Among Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

Table 6b Most Frequent Diagnoses (Excluding Encounter-Defining Codes) Among Encounters with Any Cannabis, Cocaine, or Alcohol Related Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

Table 6c Most Frequent Diagnoses (Excluding Encounter-Defining Codes) Among Encounters with Cannabis, Cocaine, or Alcohol-Related Disorders, DSM-5 Substance Use Disorder Definition, in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

Table 7 Summary of Episode Level Cohort Attrition in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

Figure 1 Annual Trends in Proportions of Individuals with Encounters for Substance-Related Disorders in Any Care Setting

Figure 2 Annual Trends in Rates of Individuals with Encounters for Substance-Related Disorders in Any Care Setting

Figure 3 Annual Trends in Proportions of Individuals with Encounters for Substance-Related Disorders in Inpatient Care Setting

Figure 4 Annual Trends in Rates of Individuals with Encounters for Substance-Related Disorders in Inpatient Care Setting

Figure 5 Annual Trends in Proportions of Individuals with Encounters for Substance-Related Disorders in Any Care Setting and with Any Disorder Definition, by Age Group

Figure 6 Annual Trends in Rates of Individuals with Encounters for Substance-Related Disorders in Any Care Setting and with Any Disorder Definition, by Age Group

Figure 7 Annual Trends in Proportions of Individuals with Encounters for Substance-Related Disorders in Any Care Setting and with Diagnostic and Statistical Manual of Mental Disorders, Fifth Edition (DSM-5) Substance Use Disorder Definition, by Age Group

Figure 8 Annual Trends in Rates of Individuals with Encounters for Substance-Related Disorders in Any Care Setting and with Diagnostic and Statistical Manual of Mental Disorders, Fifth Edition (DSM-5) Substance Use Disorder Definition, by Age Group

Figure 9 Annual Trends in Proportions of Individuals with Encounters for Substance-Related Disorders in Inpatient Care Setting and with Any Disorder Definition, by Age Group

Figure 10 Annual Trends in Rates of Individuals with Encounters for Substance-Related Disorders in Inpatient Care Setting and with Any Disorder Definition, by Age Group

Figure 11 Annual Trends in Proportions of Individuals with Encounters for Substance-Related Disorders in Inpatient Care Setting and with Diagnostic and Statistical Manual of Mental Disorders, Fifth Edition (DSM-5) Substance Use Disorder Definition, by Age Group

Figure 12 Annual Trends in Rates of Individuals with Encounters for Substance-Related Disorders in Inpatient Care Setting and with Diagnostic and Statistical Manual of Mental Disorders, Fifth Edition (DSM-5) Substance Use Disorder Definition, by Age Group

Table of Contents

- Appendix A** Dates of Available Data for Each Data Partner (DP) as of Request Distribution Date (March 10, 2023)
- Appendix B** List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Exposures and Exclusion Criteria in this Request
- Appendix C** List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request
- Appendix D** List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request
- Appendix E** Specifications Used to Define Parameters in this Request
- Appendix F** Specifications Used to Define Baseline Characteristics in this Request
- Appendix G** Specifications Used to Define Comorbidity Score, Healthcare Utilization, and Most Frequent Utilization Parameters in this Request
- Appendix H** Design Diagram of Cohort Entry Requirements

**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 1. Characteristics of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

Patient Characteristics ¹	Any Cannabis-Related Disorder		Any Cocaine-Related Disorder		Any Alcohol-Related Disorder	
	Number	Percent	Number	Percent	Number	Percent
Unique patients	667,144	N/A	148,033	N/A	1,370,123	N/A
Episodes	3,826,222	100.0%	1,483,091	100.0%	11,022,179	100.0%
Demographic Characteristics	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation
Age (years)	32.0	11.7	35.3	12.4	42.4	12.9
Age	Number	Percent	Number	Percent	Number	Percent
18-25 years	1,878,011	49.1%	611,944	41.3%	1,898,582	17.2%
26-44 years	1,254,037	32.8%	471,600	31.8%	4,089,559	37.1%
45-64 years	694,174	18.1%	399,547	26.9%	5,034,038	45.7%
Sex						
Female	270,186	40.5%	49,543	33.5%	488,829	35.7%
Male	396,958	59.5%	98,490	66.5%	881,294	64.3%
Race ²						
American Indian or Alaska Native	1,663	0.2%	326	0.2%	3,396	0.2%
Asian	3,396	0.5%	674	0.5%	8,412	0.6%
Black or African American	35,542	5.3%	16,649	11.2%	49,668	3.6%
Multi-racial	12,218	1.8%	2,391	1.6%	20,472	1.5%
Native Hawaiian or Other Pacific Islander	1,162	0.2%	314	0.2%	2,370	0.2%
Unknown	470,824	70.6%	97,091	65.6%	961,006	70.1%
White	142,339	21.3%	30,588	20.7%	324,799	23.7%
Hispanic origin						
Yes	17,535	2.6%	4,252	2.9%	33,329	2.4%
No	107,839	16.2%	32,382	21.9%	206,160	15.0%
Unknown	541,770	81.2%	111,399	75.3%	1,130,634	82.5%

Table 1. Characteristics of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

	Any Cannabis-Related Disorder		Any Cocaine-Related Disorder		Any Alcohol-Related Disorder	
	Number	Percent	Number	Percent	Number	Percent
Year						
2016 ³	353,142	9.2%	155,739	10.5%	1,138,071	10.3%
2017	521,041	13.6%	237,750	16.0%	1,585,373	14.4%
2018	580,585	15.2%	261,533	17.6%	1,714,666	15.6%
2019	624,061	16.3%	251,733	17.0%	1,832,627	16.6%
2020	661,799	17.3%	236,242	15.9%	1,893,973	17.2%
2021	765,965	20.0%	241,389	16.3%	2,037,527	18.5%
2022 ³	319,629	8.4%	98,705	6.7%	819,942	7.4%
Health Characteristics in the -183 to -1 Days Before Index						
	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation
Charlson/Elixhauser combined comorbidity score ⁴	1.6	1.6	2.0	1.8	2.2	2.1
	Number	Percent	Number	Percent	Number	Percent
ADHD	565,225	14.8%	194,303	13.1%	989,634	9.0%
Anorexia and Weight Loss	225,031	5.9%	82,053	5.5%	725,839	6.6%
Anxiety Disorders	2,012,234	52.6%	810,248	54.6%	5,580,193	50.6%
Autism	28,560	0.7%	5,420	0.4%	33,004	0.3%
Cancer	71,771	1.9%	26,757	1.8%	344,978	3.1%
Cardiovascular Conditions						
Atrial Fibrillation	37,961	1.0%	22,005	1.5%	294,632	2.7%
Coronary Artery Disease	136,534	3.6%	86,586	5.8%	642,885	5.8%
Heart Failure	65,419	1.7%	48,656	3.3%	341,511	3.1%
Hypertension	607,676	15.9%	334,478	22.6%	3,496,352	31.7%
Myocardial Infarction	48,975	1.3%	34,316	2.3%	214,016	1.9%
Stroke or Transient Ischemic Attack	39,051	1.0%	25,353	1.7%	223,506	2.0%
Other Cardiovascular Diseases	234,657	6.1%	130,202	8.8%	1,049,941	9.5%

Table 1. Characteristics of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

	Any Cannabis-Related Disorder		Any Cocaine-Related Disorder		Any Alcohol-Related Disorder	
	Number	Percent	Number	Percent	Number	Percent
Chronic Kidney Disease	116,537	3.0%	71,823	4.8%	509,489	4.6%
Chronic Liver Disease	156,212	4.1%	88,328	6.0%	1,412,174	12.8%
Chronic Pain	1,202,408	31.4%	618,474	41.7%	3,979,670	36.1%
Chronic Respiratory Diseases	489,055	12.8%	226,147	15.2%	1,546,964	14.0%
Dementia	13,612	0.4%	6,977	0.5%	85,933	0.8%
Depression	1,856,974	48.5%	778,920	52.5%	5,262,457	47.7%
Diabetes	236,940	6.2%	138,102	9.3%	1,006,716	9.1%
Epilepsy	108,601	2.8%	50,171	3.4%	397,138	3.6%
Glaucoma	11,823	0.3%	7,343	0.5%	58,772	0.5%
HIV/AIDS	31,321	0.8%	24,586	1.7%	84,026	0.8%
Hyperlipidemia	426,902	11.2%	230,733	15.6%	2,215,714	20.1%
Inflammatory Bowel Disease	31,792	0.8%	9,916	0.7%	89,890	0.8%
Mood Disorders	1,023,092	26.7%	450,127	30.4%	2,131,946	19.3%
Multiple Sclerosis	12,692	0.3%	3,409	0.2%	29,812	0.3%
Nausea	499,240	13.0%	180,973	12.2%	1,297,129	11.8%
Nicotine Use/Vaping	1,492,956	39.0%	735,941	49.6%	4,025,045	36.5%
Obesity	497,050	13.0%	216,601	14.6%	1,893,341	17.2%
Parkinsons Disease	4,352	0.1%	2,030	0.1%	19,704	0.2%
Personality Disorders	301,873	7.9%	108,045	7.3%	515,925	4.7%
Post-Traumatic Stress Disorder	582,945	15.2%	278,646	18.8%	1,295,740	11.8%
Psychotic Disorders	395,893	10.3%	146,158	9.9%	640,410	5.8%
Rheumatologic and Inflammatory Conditions	220,259	5.8%	88,099	5.9%	702,363	6.4%
Sleep Disorders	701,824	18.3%	360,917	24.3%	2,486,697	22.6%

Table 1. Characteristics of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

	Any Cannabis-Related Disorder		Any Cocaine-Related Disorder		Any Alcohol-Related Disorder	
	Number	Percent	Number	Percent	Number	Percent
Substance-Related Disorders						
Alcohol-Related Disorder	1,597,862	41.8%	909,109	61.3%	9,445,844	85.7%
Cannabis-Related Disorder	3,104,596	81.1%	716,639	48.3%	2,138,306	19.4%
Cocaine-Related Disorder	674,334	17.6%	1,325,298	89.4%	1,150,207	10.4%
Opioid-Related Disorder	1,050,102	27.4%	718,275	48.4%	1,722,130	15.6%
Other Drug-Related Disorders (excluding alcohol, cannabis, cocaine, opioids, and nicotine)	1,449,680	37.9%	859,224	57.9%	3,018,506	27.4%
Substance Poisonings						
All Opioid Poisonings	80,278	2.1%	68,859	4.6%	128,885	1.2%
Cannabis Poisoning	14,962	0.4%	3,606	0.2%	8,600	0.1%
All Stimulant Poisonings (excluding caffeine)	21,125	0.6%	27,891	1.9%	35,918	0.3%
Benzodiazepine Poisoning	34,690	0.9%	18,664	1.3%	89,003	0.8%
Alcohol Poisoning	6,367	0.2%	3,432	0.2%	71,167	0.6%
All Other Drug Poisonings (excluding opioids, cannabis, stimulants, caffeine, benzodiazepines, and alcohol)	150,642	3.9%	98,141	6.6%	386,456	3.5%
Health Service Utilization Intensity Metrics						
	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation
Mean number of ambulatory encounters	25.4	28.5	35.0	33.7	21.8	23.1
Mean number of emergency room encounters	1.1	2.5	1.4	3.2	1.2	2.8
Mean number of inpatient hospital encounters	0.3	0.8	0.4	1.1	0.4	0.9
Mean number of non-acute institutional encounters	0.3	1.6	0.6	1.2	0.3	0.8
Mean number of other ambulatory encounters	4.8	11.9	6.8	13.5	4.8	10.8
Mean number of filled prescriptions	8.7	13.9	10.5	15.9	10.0	14.7

Table 1. Characteristics of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

	Any Cannabis-Related Disorder		Any Cocaine-Related Disorder		Any Alcohol-Related Disorder	
	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation
Mean number of generics dispensed	3.6	5.0	4.5	5.7	4.1	5.2
Mean number of unique drug classes dispensed	3.4	4.6	4.2	5.3	3.9	4.8

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

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

³Partial year of data.

⁴The Combined Comorbidity Score is calculated based on comorbidities observed during a requester-defined window around the exposure episode start date. (Gagne JJ, Glynn RJ, Avorn J, Levin R, Schneeweiss S. A Combined Comorbidity Score Predicted Mortality in Elderly Patients Better Than Existing Scores. *J Clin Epidemiol.* 2011;64(7):749-759; Sun JW, Rogers JR, Her Q, Welch EC, Panozzo CA, Toh S, Gagne JJ. Adaptation and Validation of the Combined Comorbidity Score for ICD-10-CM. *Med Care.* 2017;55(12):1046-1051)

Table 2. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
Any Care Setting						
Any Cannabis-Related Disorder	667,144	3,826,222	67,247,658	147,833,347.8	99.21	45.13
Any Cocaine-Related Disorder	148,033	1,483,091	67,247,658	147,833,347.8	22.01	10.01
Any Alcohol-Related Disorder	1,370,123	11,022,179	67,247,658	147,833,347.8	203.74	92.68
Cannabis Use Remission	32,165	181,416	67,247,658	147,833,347.8	4.78	2.18
Cocaine Use Remission	27,894	156,974	67,247,658	147,833,347.8	4.15	1.89
Alcohol Use Remission	248,700	1,125,503	67,247,658	147,833,347.8	36.98	16.82
Cannabis Use with Psychotic Disorder	8,135	26,241	67,247,658	147,833,347.8	1.21	0.55
Cocaine Use with Psychotic Disorder	2,311	5,932	67,247,658	147,833,347.8	0.34	0.16
Alcohol Use with Psychotic Disorder	45,840	102,432	67,247,658	147,833,347.8	6.82	3.10
Cannabis Use Disorder (DSM-5 Definition)	415,538	3,164,322	67,247,658	147,833,347.8	61.79	28.11
Cocaine Use Disorder (DSM-5 Definition)	129,020	1,396,693	67,247,658	147,833,347.8	19.19	8.73
Alcohol Use Disorder (DSM-5 Definition)	1,104,323	9,863,711	67,247,658	147,833,347.8	164.22	74.70
Emergency Department Visit or Outpatient Care Setting						
Any Cannabis-Related Disorder	560,689	3,523,861	67,247,658	147,831,772.1	83.38	37.93
Any Cocaine-Related Disorder	122,239	1,377,626	67,247,658	147,832,859.9	18.18	8.27
Any Alcohol-Related Disorder	1,253,337	10,239,206	67,247,658	147,829,142.4	186.38	84.78
Cannabis Use Remission	28,770	175,461	67,247,658	147,833,318.2	4.28	1.95
Cocaine Use Remission	24,196	150,070	67,247,658	147,833,311.5	3.60	1.64
Alcohol Use Remission	228,259	1,073,101	67,247,658	147,833,012.6	33.94	15.44
Cannabis Use with Psychotic Disorder	5,578	22,191	67,247,658	147,833,329.5	0.83	0.38
Cocaine Use with Psychotic Disorder	1,416	4,553	67,247,658	147,833,341.8	0.21	0.10
Alcohol Use with Psychotic Disorder	24,007	52,377	67,247,658	147,833,040.0	3.57	1.62
Cannabis Use Disorder (DSM-5 Definition)	353,384	2,975,882	67,247,658	147,832,476.5	52.55	23.90
Cocaine Use Disorder (DSM-5 Definition)	107,143	1,306,536	67,247,658	147,832,941.8	15.93	7.25
Alcohol Use Disorder (DSM-5 Definition)	1,001,320	9,249,355	67,247,658	147,830,016.6	148.90	67.73

Table 2. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
Inpatient Care Setting						
Any Cannabis-Related Disorder	144,480	195,931	67,247,658	147,833,347.8	21.48	9.77
Any Cocaine-Related Disorder	37,953	61,207	67,247,658	147,833,347.8	5.64	2.57
Any Alcohol-Related Disorder	288,619	543,003	67,247,658	147,833,347.8	42.92	19.52
Cannabis Use Remission	3,144	3,709	67,247,658	147,833,347.8	0.47	0.21
Cocaine Use Remission	3,707	4,473	67,247,658	147,833,347.8	0.55	0.25
Alcohol Use Remission	31,450	41,652	67,247,658	147,833,347.8	4.68	2.13
Cannabis Use with Psychotic Disorder	1,992	2,280	67,247,658	147,833,347.8	0.30	0.13
Cocaine Use with Psychotic Disorder	669	756	67,247,658	147,833,347.8	0.10	0.05
Alcohol Use with Psychotic Disorder	26,527	41,702	67,247,658	147,833,347.8	3.94	1.79
Cannabis Use Disorder (DSM-5 Definition)	78,349	108,449	67,247,658	147,833,347.8	11.65	5.30
Cocaine Use Disorder (DSM-5 Definition)	31,591	50,835	67,247,658	147,833,347.8	4.70	2.14
Alcohol Use Disorder (DSM-5 Definition)	240,227	422,188	67,247,658	147,833,347.8	35.72	16.25
Non-Acute Institutional Stay Care Setting						
Any Cannabis-Related Disorder	59,516	86,912	67,247,658	147,833,347.8	8.85	4.03
Any Cocaine-Related Disorder	23,726	39,299	67,247,658	147,833,347.8	3.53	1.60
Any Alcohol-Related Disorder	105,810	175,002	67,247,658	147,833,347.8	15.73	7.16
Cannabis Use Remission	1,783	2,028	67,247,658	147,833,347.8	0.27	0.12
Cocaine Use Remission	1,865	2,193	67,247,658	147,833,347.8	0.28	0.13
Alcohol Use Remission	6,463	7,737	67,247,658	147,833,347.8	0.96	0.44
Cannabis Use with Psychotic Disorder	1,444	1,583	67,247,658	147,833,347.8	0.21	0.10
Cocaine Use with Psychotic Disorder	506	584	67,247,658	147,833,347.8	0.08	0.03
Alcohol Use with Psychotic Disorder	4,724	5,777	67,247,658	147,833,347.8	0.70	0.32
Cannabis Use Disorder (DSM-5 Definition)	48,675	70,522	67,247,658	147,833,347.8	7.24	3.29
Cocaine Use Disorder (DSM-5 Definition)	21,410	35,131	67,247,658	147,833,347.8	3.18	1.45
Alcohol Use Disorder (DSM-5 Definition)	93,681	149,123	67,247,658	147,833,347.8	13.93	6.34

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

Table 3. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
Any Care Setting						
<i>Any Cannabis-Related Disorder</i>						
18-25 years	253,066	1,878,011	14,757,332	24,359,908.8	171.48	103.89
26-44 years	244,514	1,254,037	31,485,550	58,557,440.0	77.66	41.76
45-64 years	178,283	694,174	27,767,718	64,915,999.0	64.21	27.46
<i>Any Cocaine-Related Disorder</i>						
18-25 years	41,154	611,944	14,757,332	24,359,908.8	27.89	16.89
26-44 years	52,359	471,600	31,485,550	58,557,440.0	16.63	8.94
45-64 years	56,901	399,547	27,767,718	64,915,999.0	20.49	8.77
<i>Any Alcohol-Related Disorder</i>						
18-25 years	219,580	1,898,582	14,757,332	24,359,908.8	148.79	90.14
26-44 years	486,899	4,089,559	31,485,550	58,557,440.0	154.64	83.15
45-64 years	688,379	5,034,038	27,767,718	64,915,999.0	247.91	106.04
<i>Cannabis Use Remission</i>						
18-25 years	11,451	70,917	14,757,332	24,359,908.8	7.76	4.70
26-44 years	11,805	66,475	31,485,550	58,557,440.0	3.75	2.02
45-64 years	9,306	44,024	27,767,718	64,915,999.0	3.35	1.43
<i>Cocaine Use Remission</i>						
18-25 years	4,113	32,769	14,757,332	24,359,908.8	2.79	1.69
26-44 years	8,186	53,767	31,485,550	58,557,440.0	2.60	1.40
45-64 years	15,898	70,438	27,767,718	64,915,999.0	5.73	2.45
<i>Alcohol Use Remission</i>						
18-25 years	14,927	81,850	14,757,332	24,359,908.8	10.11	6.13
26-44 years	79,401	391,043	31,485,550	58,557,440.0	25.22	13.56
45-64 years	158,153	652,610	27,767,718	64,915,999.0	56.96	24.36
<i>Cannabis Use with Psychotic Disorder</i>						
18-25 years	4,590	16,959	14,757,332	24,359,908.8	3.11	1.88
26-44 years	2,291	6,610	31,485,550	58,557,440.0	0.73	0.39
45-64 years	1,295	2,672	27,767,718	64,915,999.0	0.47	0.20
<i>Cocaine Use with Psychotic Disorder</i>						
18-25 years	628	1,355	14,757,332	24,359,908.8	0.43	0.26
26-44 years	793	2,290	31,485,550	58,557,440.0	0.25	0.14
45-64 years	898	2,287	27,767,718	64,915,999.0	0.32	0.14
<i>Alcohol Use with Psychotic Disorder</i>						
18-25 years	4,986	7,717	14,757,332	24,359,908.8	3.38	2.05
26-44 years	13,277	26,883	31,485,550	58,557,440.0	4.22	2.27

Table 3. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
45-64 years	27,754	67,832	27,767,718	64,915,999.0	10.00	4.28
<i>Cannabis Use Disorder (DSM-5 Definition)</i>						
18-25 years	172,625	1,638,436	14,757,332	24,359,908.8	116.98	70.86
26-44 years	150,074	1,024,670	31,485,550	58,557,440.0	47.66	25.63
45-64 years	98,990	501,216	27,767,718	64,915,999.0	35.65	15.25
<i>Cocaine Use Disorder (DSM-5 Definition)</i>						
18-25 years	35,742	588,968	14,757,332	24,359,908.8	24.22	14.67
26-44 years	45,114	442,706	31,485,550	58,557,440.0	14.33	7.70
45-64 years	50,294	365,019	27,767,718	64,915,999.0	18.11	7.75
<i>Alcohol Use Disorder (DSM-5 Definition)</i>						
18-25 years	142,294	1,718,337	14,757,332	24,359,908.8	96.42	58.41
26-44 years	396,270	3,711,102	31,485,550	58,557,440.0	125.86	67.67
45-64 years	587,484	4,434,272	27,767,718	64,915,999.0	211.57	90.50
Emergency Department Visit or Outpatient Care Setting						
<i>Any Cannabis-Related Disorder</i>						
18-25 years	219,408	1,752,294	14,757,332	24,359,305.9	148.68	90.07
26-44 years	207,152	1,159,068	31,485,550	58,556,939.5	65.79	35.38
45-64 years	141,470	612,499	27,767,718	64,915,526.7	50.95	21.79
<i>Any Cocaine-Related Disorder</i>						
18-25 years	34,227	578,326	14,757,332	24,359,767.6	23.19	14.05
26-44 years	43,656	440,548	31,485,550	58,557,299.6	13.87	7.46
45-64 years	46,380	358,752	27,767,718	64,915,792.7	16.70	7.14
<i>Any Alcohol-Related Disorder</i>						
18-25 years	202,374	1,804,258	14,757,332	24,359,487.3	137.13	83.08
26-44 years	454,098	3,860,500	31,485,550	58,556,281.9	144.22	77.55
45-64 years	619,871	4,574,448	27,767,718	64,913,373.1	223.23	95.49
<i>Cannabis Use Remission</i>						
18-25 years	10,172	68,554	14,757,332	24,359,897.1	6.89	4.18
26-44 years	10,646	64,463	31,485,550	58,557,430.4	3.38	1.82
45-64 years	8,331	42,444	27,767,718	64,915,990.7	3.00	1.28
<i>Cocaine Use Remission</i>						
18-25 years	3,467	31,493	14,757,332	24,359,903.0	2.35	1.42
26-44 years	7,156	51,905	31,485,550	58,557,430.6	2.27	1.22
45-64 years	13,850	66,672	27,767,718	64,915,977.8	4.99	2.13
<i>Alcohol Use Remission</i>						
18-25 years	13,608	79,036	14,757,332	24,359,895.2	9.22	5.59

Table 3. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
26-44 years	74,957	379,840	31,485,550	58,557,372.7	23.81	12.80
45-64 years	143,304	614,225	27,767,718	64,915,744.7	51.61	22.08
<i>Cannabis Use with Psychotic Disorder</i>						
18-25 years	3,099	14,446	14,757,332	24,359,897.1	2.10	1.27
26-44 years	1,607	5,583	31,485,550	58,557,435.3	0.51	0.27
45-64 years	903	2,162	27,767,718	64,915,997.0	0.33	0.14
<i>Cocaine Use with Psychotic Disorder</i>						
18-25 years	384	986	14,757,332	24,359,907.0	0.26	0.16
26-44 years	501	1,832	31,485,550	58,557,438.0	0.16	0.09
45-64 years	537	1,735	27,767,718	64,915,996.8	0.19	0.08
<i>Alcohol Use with Psychotic Disorder</i>						
18-25 years	3,852	5,745	14,757,332	24,359,896.8	2.61	1.58
26-44 years	7,407	13,765	31,485,550	58,557,359.2	2.35	1.26
45-64 years	12,819	32,867	27,767,718	64,915,784.0	4.62	1.97
<i>Cannabis Use Disorder (DSM-5 Definition)</i>						
18-25 years	149,535	1,548,548	14,757,332	24,359,507.5	101.33	61.39
26-44 years	128,494	967,265	31,485,550	58,557,173.6	40.81	21.94
45-64 years	80,667	460,069	27,767,718	64,915,795.4	29.05	12.43
<i>Cocaine Use Disorder (DSM-5 Definition)</i>						
18-25 years	29,964	559,283	14,757,332	24,359,787.6	20.30	12.30
26-44 years	37,821	416,370	31,485,550	58,557,324.6	12.01	6.46
45-64 years	41,189	330,883	27,767,718	64,915,829.5	14.83	6.34
<i>Alcohol Use Disorder (DSM-5 Definition)</i>						
18-25 years	128,111	1,640,594	14,757,332	24,359,574.0	86.81	52.59
26-44 years	368,286	3,534,440	31,485,550	58,556,543.0	116.97	62.89
45-64 years	525,144	4,074,321	27,767,718	64,913,899.5	189.12	80.90
Inpatient Care Setting						
<i>Any Cannabis-Related Disorder</i>						
18-25 years	51,509	74,772	14,757,332	24,359,908.8	34.90	21.14
26-44 years	48,146	62,535	31,485,550	58,557,440.0	15.29	8.22
45-64 years	45,558	58,624	27,767,718	64,915,999.0	16.41	7.02
<i>Any Cocaine-Related Disorder</i>						
18-25 years	10,492	17,509	14,757,332	24,359,908.8	7.11	4.31
26-44 years	11,835	17,602	31,485,550	58,557,440.0	3.76	2.02
45-64 years	15,844	26,096	27,767,718	64,915,999.0	5.71	2.44
<i>Any Alcohol-Related Disorder</i>						

Table 3. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
18-25 years	31,664	53,150	14,757,332	24,359,908.8	21.46	13.00
26-44 years	82,671	150,526	31,485,550	58,557,440.0	26.26	14.12
45-64 years	176,296	339,327	27,767,718	64,915,999.0	63.49	27.16
<i>Cannabis Use Remission</i>						
18-25 years	1,212	1,460	14,757,332	24,359,908.8	0.82	0.50
26-44 years	1,046	1,225	31,485,550	58,557,440.0	0.33	0.18
45-64 years	887	1,024	27,767,718	64,915,999.0	0.32	0.14
<i>Cocaine Use Remission</i>						
18-25 years	580	707	14,757,332	24,359,908.8	0.39	0.24
26-44 years	981	1,148	31,485,550	58,557,440.0	0.31	0.17
45-64 years	2,152	2,618	27,767,718	64,915,999.0	0.78	0.33
<i>Alcohol Use Remission</i>						
18-25 years	1,394	1,696	14,757,332	24,359,908.8	0.94	0.57
26-44 years	6,527	8,401	31,485,550	58,557,440.0	2.07	1.11
45-64 years	23,607	31,555	27,767,718	64,915,999.0	8.50	3.64
<i>Cannabis Use with Psychotic Disorder</i>						
18-25 years	1,243	1,453	14,757,332	24,359,908.8	0.84	0.51
26-44 years	525	582	31,485,550	58,557,440.0	0.17	0.09
45-64 years	229	245	27,767,718	64,915,999.0	0.08	0.04
<i>Cocaine Use with Psychotic Disorder</i>						
18-25 years	202	222	14,757,332	24,359,908.8	0.14	0.08
26-44 years	227	255	31,485,550	58,557,440.0	0.07	0.04
45-64 years	241	279	27,767,718	64,915,999.0	0.09	0.04
<i>Alcohol Use with Psychotic Disorder</i>						
18-25 years	1,216	1,561	14,757,332	24,359,908.8	0.82	0.50
26-44 years	7,190	11,162	31,485,550	58,557,440.0	2.28	1.23
45-64 years	18,209	28,979	27,767,718	64,915,999.0	6.56	2.81
<i>Cannabis Use Disorder (DSM-5 Definition)</i>						
18-25 years	33,370	49,705	14,757,332	24,359,908.8	22.61	13.70
26-44 years	25,441	33,373	31,485,550	58,557,440.0	8.08	4.34
45-64 years	19,938	25,371	27,767,718	64,915,999.0	7.18	3.07
<i>Cocaine Use Disorder (DSM-5 Definition)</i>						
18-25 years	8,858	15,026	14,757,332	24,359,908.8	6.00	3.64
26-44 years	9,666	14,435	31,485,550	58,557,440.0	3.07	1.65
45-64 years	13,251	21,374	27,767,718	64,915,999.0	4.77	2.04
<i>Alcohol Use Disorder (DSM-5 Definition)</i>						

Table 3. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
18-25 years	24,677	41,816	14,757,332	24,359,908.8	16.72	10.13
26-44 years	66,969	114,193	31,485,550	58,557,440.0	21.27	11.44
45-64 years	150,184	266,179	27,767,718	64,915,999.0	54.09	23.14
Non-Acute Institutional Stay Care Setting						
<i>Any Cannabis-Related Disorder</i>						
18-25 years	26,915	41,383	14,757,332	24,359,908.8	18.24	11.05
26-44 years	19,092	26,326	31,485,550	58,557,440.0	6.06	3.26
45-64 years	13,927	19,203	27,767,718	64,915,999.0	5.02	2.15
<i>Any Cocaine-Related Disorder</i>						
18-25 years	7,661	13,532	14,757,332	24,359,908.8	5.19	3.14
26-44 years	7,716	11,881	31,485,550	58,557,440.0	2.45	1.32
45-64 years	8,560	13,886	27,767,718	64,915,999.0	3.08	1.32
<i>Any Alcohol-Related Disorder</i>						
18-25 years	19,591	33,363	14,757,332	24,359,908.8	13.28	8.04
26-44 years	36,140	56,612	31,485,550	58,557,440.0	11.48	6.17
45-64 years	51,012	85,027	27,767,718	64,915,999.0	18.37	7.86
<i>Cannabis Use Remission</i>						
18-25 years	699	787	14,757,332	24,359,908.8	0.47	0.29
26-44 years	617	713	31,485,550	58,557,440.0	0.20	0.11
45-64 years	469	528	27,767,718	64,915,999.0	0.17	0.07
<i>Cocaine Use Remission</i>						
18-25 years	439	500	14,757,332	24,359,908.8	0.30	0.18
26-44 years	553	641	31,485,550	58,557,440.0	0.18	0.09
45-64 years	882	1,052	27,767,718	64,915,999.0	0.32	0.14
<i>Alcohol Use Remission</i>						
18-25 years	809	959	14,757,332	24,359,908.8	0.55	0.33
26-44 years	1,795	2,106	31,485,550	58,557,440.0	0.57	0.31
45-64 years	3,878	4,672	27,767,718	64,915,999.0	1.40	0.60
<i>Cannabis Use with Psychotic Disorder</i>						
18-25 years	837	932	14,757,332	24,359,908.8	0.57	0.34
26-44 years	368	397	31,485,550	58,557,440.0	0.12	0.06
45-64 years	242	254	27,767,718	64,915,999.0	0.09	0.04
<i>Cocaine Use with Psychotic Disorder</i>						
18-25 years	110	124	14,757,332	24,359,908.8	0.07	0.05
26-44 years	163	193	31,485,550	58,557,440.0	0.05	0.03
45-64 years	233	267	27,767,718	64,915,999.0	0.08	0.04

Table 3. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Alcohol Use with Psychotic Disorder</i>						
18-25 years	255	274	14,757,332	24,359,908.8	0.17	0.10
26-44 years	953	1,081	31,485,550	58,557,440.0	0.30	0.16
45-64 years	3,524	4,422	27,767,718	64,915,999.0	1.27	0.54
<i>Cannabis Use Disorder (DSM-5 Definition)</i>						
18-25 years	22,546	34,637	14,757,332	24,359,908.8	15.28	9.26
26-44 years	15,762	21,370	31,485,550	58,557,440.0	5.01	2.69
45-64 years	10,700	14,515	27,767,718	64,915,999.0	3.85	1.65
<i>Cocaine Use Disorder (DSM-5 Definition)</i>						
18-25 years	6,987	12,471	14,757,332	24,359,908.8	4.73	2.87
26-44 years	7,013	10,627	31,485,550	58,557,440.0	2.23	1.20
45-64 years	7,599	12,033	27,767,718	64,915,999.0	2.74	1.17
<i>Alcohol Use Disorder (DSM-5 Definition)</i>						
18-25 years	17,858	30,318	14,757,332	24,359,908.8	12.10	7.33
26-44 years	32,552	49,502	31,485,550	58,557,440.0	10.34	5.56
45-64 years	44,045	69,303	27,767,718	64,915,999.0	15.86	6.78

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

Table 4. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
Any Care Setting						
<i>Any Cannabis-Related Disorder</i>						
2016 ²	79,631	353,142	29,490,572	17,996,293.2	27.00	44.25
2017	112,592	521,041	31,396,920	24,164,340.8	35.86	46.59
2018	127,871	580,585	31,407,616	24,276,311.4	40.71	52.67
2019	142,947	624,061	31,825,864	24,522,571.8	44.92	58.29
2020	148,740	661,799	30,970,191	24,479,337.6	48.03	60.76
2021	169,423	765,965	29,586,186	23,336,452.0	57.26	72.60
2022 ²	85,132	319,629	23,542,791	9,058,041.0	36.16	93.99
<i>Any Cocaine-Related Disorder</i>						
2016 ²	22,027	155,739	29,490,572	17,996,293.2	7.47	12.24
2017	30,021	237,750	31,396,920	24,164,340.8	9.56	12.42
2018	31,703	261,533	31,407,616	24,276,311.4	10.09	13.06
2019	33,052	251,733	31,825,864	24,522,571.8	10.39	13.48
2020	31,877	236,242	30,970,191	24,479,337.6	10.29	13.02
2021	34,148	241,389	29,586,186	23,336,452.0	11.54	14.63
2022 ²	18,140	98,705	23,542,791	9,058,041.0	7.71	20.03
<i>Any Alcohol-Related Disorder</i>						
2016 ²	233,275	1,138,071	29,490,572	17,996,293.2	79.10	129.62
2017	294,474	1,585,373	31,396,920	24,164,340.8	93.79	121.86
2018	312,739	1,714,666	31,407,616	24,276,311.4	99.57	128.82
2019	332,532	1,832,627	31,825,864	24,522,571.8	104.48	135.60
2020	323,084	1,893,973	30,970,191	24,479,337.6	104.32	131.98
2021	349,340	2,037,527	29,586,186	23,336,452.0	118.08	149.70
2022 ²	182,353	819,942	23,542,791	9,058,041.0	77.46	201.32
<i>Cannabis Use Remission</i>						
2016 ²	2,267	7,017	29,490,572	17,996,293.2	0.77	1.26
2017	3,798	12,481	31,396,920	24,164,340.8	1.21	1.57

Table 4. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
2018	6,238	25,372	31,407,616	24,276,311.4	1.99	2.57
2019	7,553	32,310	31,825,864	24,522,571.8	2.37	3.08
2020	8,275	38,784	30,970,191	24,479,337.6	2.67	3.38
2021	9,196	46,347	29,586,186	23,336,452.0	3.11	3.94
2022 ²	5,030	19,105	23,542,791	9,058,041.0	2.14	5.55
<i>Cocaine Use Remission</i>						
2016 ²	1,896	5,459	29,490,572	17,996,293.2	0.64	1.05
2017	3,110	8,634	31,396,920	24,164,340.8	0.99	1.29
2018	5,014	19,670	31,407,616	24,276,311.4	1.60	2.07
2019	6,592	26,732	31,825,864	24,522,571.8	2.07	2.69
2020	7,879	36,005	30,970,191	24,479,337.6	2.54	3.22
2021	8,895	42,624	29,586,186	23,336,452.0	3.01	3.81
2022 ²	5,250	17,850	23,542,791	9,058,041.0	2.23	5.80
<i>Alcohol Use Remission</i>						
2016 ²	25,224	60,047	29,490,572	17,996,293.2	8.55	14.02
2017	37,511	97,953	31,396,920	24,164,340.8	11.95	15.52
2018	50,263	146,561	31,407,616	24,276,311.4	16.00	20.70
2019	63,160	190,310	31,825,864	24,522,571.8	19.85	25.76
2020	70,527	234,568	30,970,191	24,479,337.6	22.77	28.81
2021	79,924	276,566	29,586,186	23,336,452.0	27.01	34.25
2022 ²	44,512	119,498	23,542,791	9,058,041.0	18.91	49.14
<i>Cannabis Use with Psychotic Disorder</i>						
2016 ²	829	2,423	29,490,572	17,996,293.2	0.28	0.46
2017	1,189	2,952	31,396,920	24,164,340.8	0.38	0.49
2018	1,316	3,657	31,407,616	24,276,311.4	0.42	0.54
2019	1,457	4,341	31,825,864	24,522,571.8	0.46	0.59
2020	1,675	5,012	30,970,191	24,479,337.6	0.54	0.68
2021	1,837	5,503	29,586,186	23,336,452.0	0.62	0.79

Table 4. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
2022 ²	850	2,353	23,542,791	9,058,041.0	0.36	0.94
<i>Cocaine Use with Psychotic Disorder</i>						
2016 ²	305	735	29,490,572	17,996,293.2	0.10	0.17
2017	406	873	31,396,920	24,164,340.8	0.13	0.17
2018	385	978	31,407,616	24,276,311.4	0.12	0.16
2019	393	849	31,825,864	24,522,571.8	0.12	0.16
2020	363	750	30,970,191	24,479,337.6	0.12	0.15
2021	447	967	29,586,186	23,336,452.0	0.15	0.19
2022 ²	201	780	23,542,791	9,058,041.0	0.09	0.22
<i>Alcohol Use with Psychotic Disorder</i>						
2016 ²	6,285	11,703	29,490,572	17,996,293.2	2.13	3.49
2017	8,507	16,190	31,396,920	24,164,340.8	2.71	3.52
2018	8,297	16,002	31,407,616	24,276,311.4	2.64	3.42
2019	8,221	15,694	31,825,864	24,522,571.8	2.58	3.35
2020	8,500	17,871	30,970,191	24,479,337.6	2.74	3.47
2021	8,474	17,860	29,586,186	23,336,452.0	2.86	3.63
2022 ²	3,467	7,112	23,542,791	9,058,041.0	1.47	3.83
<i>Cannabis Use Disorder (DSM-5 Definition)</i>						
2016 ²	59,041	306,776	29,490,572	17,996,293.2	20.02	32.81
2017	80,127	452,927	31,396,920	24,164,340.8	25.52	33.16
2018	83,761	492,760	31,407,616	24,276,311.4	26.67	34.50
2019	89,765	516,961	31,825,864	24,522,571.8	28.21	36.61
2020	90,677	538,028	30,970,191	24,479,337.6	29.28	37.04
2021	98,581	607,251	29,586,186	23,336,452.0	33.32	42.24
2022 ²	50,315	249,619	23,542,791	9,058,041.0	21.37	55.55
<i>Cocaine Use Disorder (DSM-5 Definition)</i>						
2016 ²	19,592	145,914	29,490,572	17,996,293.2	6.64	10.89
2017	26,639	225,483	31,396,920	24,164,340.8	8.48	11.02

Table 4. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
2018	27,909	249,470	31,407,616	24,276,311.4	8.89	11.50
2019	28,799	238,299	31,825,864	24,522,571.8	9.05	11.74
2020	27,868	222,378	30,970,191	24,479,337.6	9.00	11.38
2021	29,567	224,057	29,586,186	23,336,452.0	9.99	12.67
2022 ²	15,903	91,092	23,542,791	9,058,041.0	6.75	17.56
<i>Alcohol Use Disorder (DSM-5 Definition)</i>						
2016 ²	182,523	990,768	29,490,572	17,996,293.2	61.89	101.42
2017	236,866	1,408,188	31,396,920	24,164,340.8	75.44	98.02
2018	254,280	1,533,570	31,407,616	24,276,311.4	80.96	104.74
2019	277,229	1,649,731	31,825,864	24,522,571.8	87.11	113.05
2020	276,819	1,708,805	30,970,191	24,479,337.6	89.38	113.08
2021	296,988	1,834,090	29,586,186	23,336,452.0	100.38	127.26
2022 ²	157,738	738,559	23,542,791	9,058,041.0	67.00	174.14
Emergency Department Visit or Outpatient Care Setting						
<i>Any Cannabis-Related Disorder</i>						
2016 ²	65,335	324,175	29,490,567	17,996,137.9	22.15	36.31
2017	93,302	479,289	31,396,915	24,164,118.0	29.72	38.61
2018	107,493	535,424	31,407,609	24,276,075.4	34.23	44.28
2019	120,262	573,131	31,825,855	24,522,306.2	37.79	49.04
2020	124,591	606,484	30,970,189	24,479,048.3	40.23	50.90
2021	143,295	706,883	29,586,181	23,336,146.5	48.43	61.40
2022 ²	74,379	298,475	23,542,791	9,057,939.8	31.59	82.11
<i>Any Cocaine-Related Disorder</i>						
2016 ²	18,083	144,672	29,490,571	17,996,241.4	6.13	10.05
2017	24,803	221,675	31,396,918	24,164,265.9	7.90	10.26
2018	26,406	244,957	31,407,615	24,276,237.1	8.41	10.88
2019	27,408	233,558	31,825,859	24,522,487.9	8.61	11.18
2020	26,163	218,069	30,970,189	24,479,251.9	8.45	10.69

Table 4. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
2021	28,200	222,997	29,586,185	23,336,365.9	9.53	12.08
2022 ²	15,453	91,698	23,542,791	9,058,009.9	6.56	17.06
<i>Any Alcohol-Related Disorder</i>						
2016 ²	210,580	1,050,685	29,490,558	17,995,809.3	71.41	117.02
2017	268,332	1,470,458	31,396,909	24,163,712.7	85.46	111.05
2018	285,815	1,593,951	31,407,597	24,275,658.9	91.00	117.74
2019	305,188	1,699,660	31,825,839	24,521,862.9	95.89	124.46
2020	296,185	1,755,787	30,970,177	24,478,592.9	95.64	121.00
2021	322,768	1,898,371	29,586,167	23,335,712.7	109.09	138.32
2022 ²	170,265	770,294	23,542,791	9,057,793.0	72.32	187.98
<i>Cannabis Use Remission</i>						
2016 ²	2,056	6,723	29,490,572	17,996,291.8	0.70	1.14
2017	3,392	11,882	31,396,920	24,164,337.6	1.08	1.40
2018	5,591	24,373	31,407,616	24,276,306.3	1.78	2.30
2019	6,821	31,096	31,825,864	24,522,565.8	2.14	2.78
2020	7,554	37,575	30,970,191	24,479,331.5	2.44	3.09
2021	8,444	45,129	29,586,186	23,336,446.1	2.85	3.62
2022 ²	4,736	18,683	23,542,791	9,058,039.0	2.01	5.23
<i>Cocaine Use Remission</i>						
2016 ²	1,655	5,136	29,490,572	17,996,291.5	0.56	0.92
2017	2,703	8,079	31,396,920	24,164,337.7	0.86	1.12
2018	4,365	18,656	31,407,616	24,276,305.8	1.39	1.80
2019	5,744	25,340	31,825,863	24,522,564.3	1.80	2.34
2020	6,977	34,420	30,970,191	24,479,329.4	2.25	2.85
2021	8,014	41,139	29,586,185	23,336,444.5	2.71	3.43
2022 ²	4,896	17,300	23,542,791	9,058,038.3	2.08	5.41

Table 4. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Alcohol Use Remission</i>						
2016 ²	22,738	55,983	29,490,571	17,996,266.0	7.71	12.63
2017	34,222	92,055	31,396,919	24,164,302.0	10.90	14.16
2018	46,132	138,751	31,407,615	24,276,261.1	14.69	19.00
2019	58,294	180,561	31,825,862	24,522,510.1	18.32	23.77
2020	65,652	224,406	30,970,190	24,479,272.4	21.20	26.82
2021	75,004	265,899	29,586,184	23,336,385.1	25.35	32.14
2022 ²	42,412	115,446	23,542,791	9,058,015.8	18.01	46.82
<i>Cannabis Use with Psychotic Disorder</i>						
2016 ²	596	2,060	29,490,572	17,996,291.4	0.20	0.33
2017	820	2,405	31,396,920	24,164,338.1	0.26	0.34
2018	908	3,078	31,407,616	24,276,308.7	0.29	0.37
2019	1,030	3,722	31,825,864	24,522,568.8	0.32	0.42
2020	1,157	4,217	30,970,191	24,479,334.2	0.37	0.47
2021	1,283	4,661	29,586,185	23,336,448.4	0.43	0.55
2022 ²	647	2,048	23,542,791	9,058,039.8	0.27	0.71
<i>Cocaine Use with Psychotic Disorder</i>						
2016 ²	195	563	29,490,572	17,996,292.4	0.07	0.11
2017	272	679	31,396,920	24,164,339.9	0.09	0.11
2018	222	754	31,407,616	24,276,310.3	0.07	0.09
2019	240	637	31,825,864	24,522,570.8	0.08	0.10
2020	207	524	30,970,191	24,479,336.7	0.07	0.08
2021	281	698	29,586,186	23,336,451.0	0.09	0.12
2022 ²	140	698	23,542,791	9,058,040.7	0.06	0.15
<i>Alcohol Use with Psychotic Disorder</i>						
2016 ²	3,134	5,842	29,490,570	17,996,256.4	1.06	1.74
2017	4,450	8,249	31,396,919	24,164,291.4	1.42	1.84
2018	4,239	8,100	31,407,615	24,276,262.1	1.35	1.75

Table 4. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
2019	4,217	7,926	31,825,863	24,522,523.4	1.33	1.72
2020	4,129	8,982	30,970,190	24,479,283.4	1.33	1.69
2021	4,202	9,188	29,586,185	23,336,400.1	1.42	1.80
2022 ²	1,853	4,090	23,542,791	9,058,023.2	0.79	2.05
<i>Cannabis Use Disorder (DSM-5 Definition)</i>						
2016 ²	50,229	287,752	29,490,571	17,996,200.3	17.03	27.91
2017	68,596	425,915	31,396,916	24,164,210.3	21.85	28.39
2018	71,697	463,703	31,407,613	24,276,176.3	22.83	29.53
2019	76,658	484,933	31,825,858	24,522,425.8	24.09	31.26
2020	76,891	503,899	30,970,190	24,479,178.2	24.83	31.41
2021	84,089	572,697	29,586,183	23,336,296.0	28.42	36.03
2022 ²	44,150	236,983	23,542,791	9,057,989.6	18.75	48.74
<i>Cocaine Use Disorder (DSM-5 Definition)</i>						
2016 ²	16,226	136,489	29,490,571	17,996,249.7	5.50	9.02
2017	22,203	211,640	31,396,920	24,164,277.6	7.07	9.19
2018	23,493	235,220	31,407,615	24,276,249.8	7.48	9.68
2019	24,036	222,642	31,825,860	24,522,502.0	7.55	9.80
2020	23,013	206,770	30,970,189	24,479,265.8	7.43	9.40
2021	24,501	208,603	29,586,185	23,336,381.2	8.28	10.50
2022 ²	13,602	85,172	23,542,791	9,058,015.6	5.78	15.02
<i>Alcohol Use Disorder (DSM-5 Definition)</i>						
2016 ²	163,589	925,323	29,490,562	17,995,926.4	55.47	90.90
2017	214,038	1,319,630	31,396,912	24,163,850.7	68.17	88.58
2018	230,559	1,439,503	31,407,599	24,275,797.8	73.41	94.97
2019	252,797	1,543,724	31,825,847	24,522,002.5	79.43	103.09
2020	252,486	1,598,684	30,970,181	24,478,738.5	81.53	103.15
2021	272,912	1,723,297	29,586,174	23,335,856.2	92.24	116.95
2022 ²	146,682	699,194	23,542,791	9,057,844.4	62.30	161.94

Table 4. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
Inpatient Care Setting						
<i>Any Cannabis-Related Disorder</i>						
2016 ²	16,132	19,299	29,490,572	17,996,293.2	5.47	8.96
2017	22,789	27,750	31,396,920	24,164,340.8	7.26	9.43
2018	24,224	29,458	31,407,616	24,276,311.4	7.71	9.98
2019	26,854	32,819	31,825,864	24,522,571.8	8.44	10.95
2020	28,413	35,921	30,970,191	24,479,337.6	9.17	11.61
2021	30,303	37,971	29,586,186	23,336,452.0	10.24	12.99
2022 ²	10,817	12,713	23,542,791	9,058,041.0	4.59	11.94
<i>Any Cocaine-Related Disorder</i>						
2016 ²	4,849	6,502	29,490,572	17,996,293.2	1.64	2.69
2017	6,756	9,408	31,396,920	24,164,340.8	2.15	2.80
2018	6,808	9,373	31,407,616	24,276,311.4	2.17	2.80
2019	7,293	10,397	31,825,864	24,522,571.8	2.29	2.97
2020	7,122	10,695	30,970,191	24,479,337.6	2.30	2.91
2021	7,360	10,863	29,586,186	23,336,452.0	2.49	3.15
2022 ²	2,892	3,969	23,542,791	9,058,041.0	1.23	3.19
<i>Any Alcohol-Related Disorder</i>						
2016 ²	42,020	62,297	29,490,572	17,996,293.2	14.25	23.35
2017	52,636	81,142	31,396,920	24,164,340.8	16.76	21.78
2018	54,465	84,281	31,407,616	24,276,311.4	17.34	22.44
2019	57,431	90,986	31,825,864	24,522,571.8	18.05	23.42
2020	58,464	95,946	30,970,191	24,479,337.6	18.88	23.88
2021	58,271	95,881	29,586,186	23,336,452.0	19.70	24.97
2022 ²	22,232	32,470	23,542,791	9,058,041.0	9.44	24.54
<i>Cannabis Use Remission</i>						
2016 ²	150	171	29,490,572	17,996,293.2	0.05	0.08
2017	349	405	31,396,920	24,164,340.8	0.11	0.14

Table 4. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
2018	562	651	31,407,616	24,276,311.4	0.18	0.23
2019	639	744	31,825,864	24,522,571.8	0.20	0.26
2020	670	769	30,970,191	24,479,337.6	0.22	0.27
2021	637	724	29,586,186	23,336,452.0	0.22	0.27
2022 ²	233	245	23,542,791	9,058,041.0	0.10	0.26
<i>Cocaine Use Remission</i>						
2016 ²	193	207	29,490,572	17,996,293.2	0.07	0.11
2017	342	378	31,396,920	24,164,340.8	0.11	0.14
2018	614	695	31,407,616	24,276,311.4	0.20	0.25
2019	796	921	31,825,864	24,522,571.8	0.25	0.32
2020	864	1,010	30,970,191	24,479,337.6	0.28	0.35
2021	795	932	29,586,186	23,336,452.0	0.27	0.34
2022 ²	297	330	23,542,791	9,058,041.0	0.13	0.33
<i>Alcohol Use Remission</i>						
2016 ²	2,858	3,365	29,490,572	17,996,293.2	0.97	1.59
2017	4,055	4,805	31,396,920	24,164,340.8	1.29	1.68
2018	5,192	6,250	31,407,616	24,276,311.4	1.65	2.14
2019	6,230	7,659	31,825,864	24,522,571.8	1.96	2.54
2020	6,554	8,118	30,970,191	24,479,337.6	2.12	2.68
2021	6,662	8,306	29,586,186	23,336,452.0	2.25	2.85
2022 ²	2,617	3,149	23,542,791	9,058,041.0	1.11	2.89
<i>Cannabis Use with Psychotic Disorder</i>						
2016 ²	199	217	29,490,572	17,996,293.2	0.07	0.11
2017	301	332	31,396,920	24,164,340.8	0.10	0.12
2018	302	334	31,407,616	24,276,311.4	0.10	0.12
2019	334	364	31,825,864	24,522,571.8	0.10	0.14
2020	380	421	30,970,191	24,479,337.6	0.12	0.16
2021	395	452	29,586,186	23,336,452.0	0.13	0.17

Table 4. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
2022 ²	136	160	23,542,791	9,058,041.0	0.06	0.15
<i>Cocaine Use with Psychotic Disorder</i>						
2016 ²	91	101	29,490,572	17,996,293.2	0.03	0.05
2017	105	116	31,396,920	24,164,340.8	0.03	0.04
2018	128	143	31,407,616	24,276,311.4	0.04	0.05
2019	105	115	31,825,864	24,522,571.8	0.03	0.04
2020	108	121	30,970,191	24,479,337.6	0.03	0.04
2021	111	129	29,586,186	23,336,452.0	0.04	0.05
2022 ²	27	31	23,542,791	9,058,041.0	0.01	0.03
<i>Alcohol Use with Psychotic Disorder</i>						
2016 ²	3,535	4,937	29,490,572	17,996,293.2	1.20	1.96
2017	4,657	6,668	31,396,920	24,164,340.8	1.48	1.93
2018	4,691	6,655	31,407,616	24,276,311.4	1.49	1.93
2019	4,605	6,512	31,825,864	24,522,571.8	1.45	1.88
2020	5,051	7,347	30,970,191	24,479,337.6	1.63	2.06
2021	4,859	7,137	29,586,186	23,336,452.0	1.64	2.08
2022 ²	1,786	2,446	23,542,791	9,058,041.0	0.76	1.97
<i>Cannabis Use Disorder (DSM-5 Definition)</i>						
2016 ²	9,606	11,572	29,490,572	17,996,293.2	3.26	5.34
2017	13,191	16,280	31,396,920	24,164,340.8	4.20	5.46
2018	13,676	16,925	31,407,616	24,276,311.4	4.35	5.63
2019	14,449	18,048	31,825,864	24,522,571.8	4.54	5.89
2020	15,016	19,722	30,970,191	24,479,337.6	4.85	6.13
2021	15,137	19,442	29,586,186	23,336,452.0	5.12	6.49
2022 ²	5,421	6,460	23,542,791	9,058,041.0	2.30	5.98
<i>Cocaine Use Disorder (DSM-5 Definition)</i>						
2016 ²	4,090	5,447	29,490,572	17,996,293.2	1.39	2.27
2017	5,702	7,924	31,396,920	24,164,340.8	1.82	2.36

Table 4. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
2018	5,639	7,744	31,407,616	24,276,311.4	1.80	2.32
2019	6,028	8,624	31,825,864	24,522,571.8	1.89	2.46
2020	5,885	8,939	30,970,191	24,479,337.6	1.90	2.40
2021	6,040	8,928	29,586,186	23,336,452.0	2.04	2.59
2022 ²	2,375	3,229	23,542,791	9,058,041.0	1.01	2.62
<i>Alcohol Use Disorder (DSM-5 Definition)</i>						
2016 ²	33,066	46,356	29,490,572	17,996,293.2	11.21	18.37
2017	42,845	62,152	31,396,920	24,164,340.8	13.65	17.73
2018	44,749	65,168	31,407,616	24,276,311.4	14.25	18.43
2019	47,862	71,842	31,825,864	24,522,571.8	15.04	19.52
2020	48,943	75,723	30,970,191	24,479,337.6	15.80	19.99
2021	48,813	75,784	29,586,186	23,336,452.0	16.50	20.92
2022 ²	18,251	25,163	23,542,791	9,058,041.0	7.75	20.15
Non-Acute Institutional Stay Care Setting						
<i>Any Cannabis-Related Disorder</i>						
2016 ²	6,818	8,243	29,490,572	17,996,293.2	2.31	3.79
2017	9,375	11,672	31,396,920	24,164,340.8	2.99	3.88
2018	10,130	12,931	31,407,616	24,276,311.4	3.23	4.17
2019	11,097	14,236	31,825,864	24,522,571.8	3.49	4.53
2020	12,035	15,366	30,970,191	24,479,337.6	3.89	4.92
2021	13,514	17,254	29,586,186	23,336,452.0	4.57	5.79
2022 ²	6,123	7,210	23,542,791	9,058,041.0	2.60	6.76
<i>Any Cocaine-Related Disorder</i>						
2016 ²	3,129	4,078	29,490,572	17,996,293.2	1.06	1.74
2017	4,440	5,973	31,396,920	24,164,340.8	1.41	1.84
2018	4,683	6,493	31,407,616	24,276,311.4	1.49	1.93
2019	4,635	6,586	31,825,864	24,522,571.8	1.46	1.89
2020	4,477	6,476	30,970,191	24,479,337.6	1.45	1.83

Table 4. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
2021	4,881	6,849	29,586,186	23,336,452.0	1.65	2.09
2022 ²	2,256	2,844	23,542,791	9,058,041.0	0.96	2.49
<i>Any Alcohol-Related Disorder</i>						
2016 ²	14,170	18,902	29,490,572	17,996,293.2	4.80	7.87
2017	18,531	24,812	31,396,920	24,164,340.8	5.90	7.67
2018	19,526	26,650	31,407,616	24,276,311.4	6.22	8.04
2019	21,118	29,492	31,825,864	24,522,571.8	6.64	8.61
2020	21,174	29,928	30,970,191	24,479,337.6	6.84	8.65
2021	22,540	31,575	29,586,186	23,336,452.0	7.62	9.66
2022 ²	10,690	13,643	23,542,791	9,058,041.0	4.54	11.80
<i>Cannabis Use Remission</i>						
2016 ²	112	116	29,490,572	17,996,293.2	0.04	0.06
2017	166	181	31,396,920	24,164,340.8	0.05	0.07
2018	296	325	31,407,616	24,276,311.4	0.09	0.12
2019	349	391	31,825,864	24,522,571.8	0.11	0.14
2020	367	398	30,970,191	24,479,337.6	0.12	0.15
2021	404	444	29,586,186	23,336,452.0	0.14	0.17
2022 ²	162	173	23,542,791	9,058,041.0	0.07	0.18
<i>Cocaine Use Remission</i>						
2016 ²	104	108	29,490,572	17,996,293.2	0.04	0.06
2017	164	171	31,396,920	24,164,340.8	0.05	0.07
2018	258	284	31,407,616	24,276,311.4	0.08	0.11
2019	368	408	31,825,864	24,522,571.8	0.12	0.15
2020	460	507	30,970,191	24,479,337.6	0.15	0.19
2021	453	511	29,586,186	23,336,452.0	0.15	0.19
2022 ²	184	204	23,542,791	9,058,041.0	0.08	0.20

Table 4. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Alcohol Use Remission</i>						
2016 ²	500	531	29,490,572	17,996,293.2	0.17	0.28
2017	719	800	31,396,920	24,164,340.8	0.23	0.30
2018	1,042	1,154	31,407,616	24,276,311.4	0.33	0.43
2019	1,302	1,527	31,825,864	24,522,571.8	0.41	0.53
2020	1,270	1,421	30,970,191	24,479,337.6	0.41	0.52
2021	1,456	1,648	29,586,186	23,336,452.0	0.49	0.62
2022 ²	602	656	23,542,791	9,058,041.0	0.26	0.66
<i>Cannabis Use with Psychotic Disorder</i>						
2016 ²	118	124	29,490,572	17,996,293.2	0.04	0.07
2017	174	193	31,396,920	24,164,340.8	0.06	0.07
2018	220	231	31,407,616	24,276,311.4	0.07	0.09
2019	208	222	31,825,864	24,522,571.8	0.07	0.08
2020	315	341	30,970,191	24,479,337.6	0.10	0.13
2021	318	340	29,586,186	23,336,452.0	0.11	0.14
2022 ²	124	132	23,542,791	9,058,041.0	0.05	0.14
<i>Cocaine Use with Psychotic Disorder</i>						
2016 ²	59	65	29,490,572	17,996,293.2	0.02	0.03
2017	70	75	31,396,920	24,164,340.8	0.02	0.03
2018	68	75	31,407,616	24,276,311.4	0.02	0.03
2019	83	89	31,825,864	24,522,571.8	0.03	0.03
2020	91	101	30,970,191	24,479,337.6	0.03	0.04
2021	107	132	29,586,186	23,336,452.0	0.04	0.05
2022 ²	46	47	23,542,791	9,058,041.0	0.02	0.05
<i>Alcohol Use with Psychotic Disorder</i>						
2016 ²	569	640	29,490,572	17,996,293.2	0.19	0.32
2017	771	871	31,396,920	24,164,340.8	0.25	0.32
2018	720	828	31,407,616	24,276,311.4	0.23	0.30

Table 4. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
2019	772	884	31,825,864	24,522,571.8	0.24	0.31
2020	928	1,056	30,970,191	24,479,337.6	0.30	0.38
2021	946	1,071	29,586,186	23,336,452.0	0.32	0.41
2022 ²	397	427	23,542,791	9,058,041.0	0.17	0.44
<i>Cannabis Use Disorder (DSM-5 Definition)</i>						
2016 ²	5,552	6,690	29,490,572	17,996,293.2	1.88	3.09
2017	7,740	9,587	31,396,920	24,164,340.8	2.47	3.20
2018	8,385	10,755	31,407,616	24,276,311.4	2.67	3.45
2019	9,174	11,801	31,825,864	24,522,571.8	2.88	3.74
2020	9,809	12,452	30,970,191	24,479,337.6	3.17	4.01
2021	10,721	13,553	29,586,186	23,336,452.0	3.62	4.59
2022 ²	4,865	5,684	23,542,791	9,058,041.0	2.07	5.37
<i>Cocaine Use Disorder (DSM-5 Definition)</i>						
2016 ²	2,779	3,582	29,490,572	17,996,293.2	0.94	1.54
2017	3,992	5,347	31,396,920	24,164,340.8	1.27	1.65
2018	4,264	5,909	31,407,616	24,276,311.4	1.36	1.76
2019	4,182	5,946	31,825,864	24,522,571.8	1.31	1.71
2020	4,050	5,818	30,970,191	24,479,337.6	1.31	1.65
2021	4,337	6,006	29,586,186	23,336,452.0	1.47	1.86
2022 ²	2,011	2,523	23,542,791	9,058,041.0	0.85	2.22
<i>Alcohol Use Disorder (DSM-5 Definition)</i>						
2016 ²	11,879	15,385	29,490,572	17,996,293.2	4.03	6.60
2017	16,024	20,837	31,396,920	24,164,340.8	5.10	6.63
2018	17,092	22,743	31,407,616	24,276,311.4	5.44	7.04
2019	18,683	25,492	31,825,864	24,522,571.8	5.87	7.62
2020	18,707	25,685	30,970,191	24,479,337.6	6.04	7.64

Table 4. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Year

	Number of Patients	Number of Encounters	Number of Eligible Members¹	Total Eligible Member-Years¹	Number of Patients per 10,000 Eligible Members¹	Number of Patients per 10,000 Eligible Member-Years¹
2021	19,937	27,180	29,586,186	23,336,452.0	6.74	8.54
2022 ²	9,378	11,801	23,542,791	9,058,041.0	3.98	10.35

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

²Partial year of data.

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
Any Care Setting						
<i>Any Cannabis-Related Disorder</i>						
<i>18-25 years</i>						
2016 ²	37,546	221,361	5,338,640	3,003,473.8	70.33	125.01
2017	51,235	314,655	5,750,481	4,012,606.7	89.10	127.69
2018	53,892	324,685	5,726,981	4,011,793.5	94.10	134.33
2019	55,121	315,707	5,789,758	4,052,879.9	95.20	136.00
2020	53,286	294,383	5,594,033	4,015,956.5	95.26	132.69
2021	55,872	293,006	5,245,449	3,770,137.2	106.52	148.20
2022 ²	26,271	114,214	4,026,680	1,493,061.3	65.24	175.95
<i>26-44 years</i>						
2016 ²	24,439	85,405	12,250,443	7,059,706.1	19.95	34.62
2017	35,929	132,932	13,238,996	9,536,413.0	27.14	37.68
2018	43,257	166,541	13,314,021	9,622,997.1	32.49	44.95
2019	50,308	196,585	13,475,265	9,733,351.7	37.33	51.69
2020	54,860	234,677	13,124,417	9,739,549.9	41.80	56.33
2021	64,988	306,545	12,587,109	9,291,267.6	51.63	69.95
2022 ²	32,667	131,352	9,641,839	3,574,154.6	33.88	91.40
<i>45-64 years</i>						
2016 ²	17,991	46,376	12,718,241	7,933,113.3	14.15	22.68
2017	25,977	73,454	13,461,661	10,615,321.1	19.30	24.47
2018	31,355	89,359	13,408,318	10,641,520.8	23.38	29.46
2019	38,265	111,769	13,609,587	10,736,340.2	28.12	35.64
2020	41,477	132,739	13,288,354	10,723,831.2	31.21	38.68
2021	49,519	166,414	12,739,914	10,275,047.2	38.87	48.19
2022 ²	26,452	74,063	10,250,603	3,990,825.1	25.81	66.28

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Any Cocaine-Related Disorder</i>						
<i>18-25 years</i>						
2016 ²	8,022	82,689	5,338,640	3,003,473.8	15.03	26.71
2017	10,960	127,004	5,750,481	4,012,606.7	19.06	27.31
2018	10,333	130,439	5,726,981	4,011,793.5	18.04	25.76
2019	8,908	105,970	5,789,758	4,052,879.9	15.39	21.98
2020	7,088	80,525	5,594,033	4,015,956.5	12.67	17.65
2021	6,090	62,427	5,245,449	3,770,137.2	11.61	16.15
2022 ²	2,808	22,890	4,026,680	1,493,061.3	6.97	18.81
<i>26-44 years</i>						
2016 ²	6,948	41,282	12,250,443	7,059,706.1	5.67	9.84
2017	9,337	61,625	13,238,996	9,536,413.0	7.05	9.79
2018	10,422	76,223	13,314,021	9,622,997.1	7.83	10.83
2019	11,007	80,038	13,475,265	9,733,351.7	8.17	11.31
2020	10,822	83,842	13,124,417	9,739,549.9	8.25	11.11
2021	11,984	91,649	12,587,109	9,291,267.6	9.52	12.90
2022 ²	6,061	36,941	9,641,839	3,574,154.6	6.29	16.96
<i>45-64 years</i>						
2016 ²	7,200	31,768	12,718,241	7,933,113.3	5.66	9.08
2017	9,944	49,121	13,461,661	10,615,321.1	7.39	9.37
2018	11,203	54,871	13,408,318	10,641,520.8	8.36	10.53
2019	13,358	65,725	13,609,587	10,736,340.2	9.82	12.44
2020	14,186	71,875	13,288,354	10,723,831.2	10.68	13.23
2021	16,301	87,313	12,739,914	10,275,047.2	12.80	15.86
2022 ²	9,326	38,874	10,250,603	3,990,825.1	9.10	23.37

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Any Alcohol-Related Disorder</i>						
<i>18-25 years</i>						
2016 ²	41,104	252,562	5,338,640	3,003,473.8	76.99	136.85
2017	50,876	345,040	5,750,481	4,012,606.7	88.47	126.79
2018	47,906	337,014	5,726,981	4,011,793.5	83.65	119.41
2019	46,339	320,136	5,789,758	4,052,879.9	80.04	114.34
2020	37,619	278,909	5,594,033	4,015,956.5	67.25	93.67
2021	38,799	262,212	5,245,449	3,770,137.2	73.97	102.91
2022 ²	17,635	102,709	4,026,680	1,493,061.3	43.80	118.11
<i>26-44 years</i>						
2016 ²	74,444	388,056	12,250,443	7,059,706.1	60.77	105.45
2017	95,649	547,847	13,238,996	9,536,413.0	72.25	100.30
2018	104,698	615,519	13,314,021	9,622,997.1	78.64	108.80
2019	113,047	681,103	13,475,265	9,733,351.7	83.89	116.14
2020	111,222	727,081	13,124,417	9,739,549.9	84.74	114.20
2021	122,586	803,722	12,587,109	9,291,267.6	97.39	131.94
2022 ²	63,421	326,231	9,641,839	3,574,154.6	65.78	177.44
<i>45-64 years</i>						
2016 ²	118,846	497,453	12,718,241	7,933,113.3	93.45	149.81
2017	149,686	692,486	13,461,661	10,615,321.1	111.19	141.01
2018	161,918	762,133	13,408,318	10,641,520.8	120.76	152.16
2019	175,099	831,388	13,609,587	10,736,340.2	128.66	163.09
2020	176,327	887,983	13,288,354	10,723,831.2	132.69	164.43
2021	190,155	971,593	12,739,914	10,275,047.2	149.26	185.06
2022 ²	101,895	391,002	10,250,603	3,990,825.1	99.40	255.32

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Cannabis Use Remission</i>						
<i>18-25 years</i>						
2016 ²	828	2,938	5,338,640	3,003,473.8	1.55	2.76
2017	1,370	4,996	5,750,481	4,012,606.7	2.38	3.41
2018	2,417	11,936	5,726,981	4,011,793.5	4.22	6.02
2019	2,752	14,039	5,789,758	4,052,879.9	4.75	6.79
2020	2,752	15,817	5,594,033	4,015,956.5	4.92	6.85
2021	2,848	15,353	5,245,449	3,770,137.2	5.43	7.55
2022 ²	1,294	5,838	4,026,680	1,493,061.3	3.21	8.67
<i>26-44 years</i>						
2016 ²	707	2,214	12,250,443	7,059,706.1	0.58	1.00
2017	1,227	3,947	13,238,996	9,536,413.0	0.93	1.29
2018	2,095	7,924	13,314,021	9,622,997.1	1.57	2.18
2019	2,670	10,747	13,475,265	9,733,351.7	1.98	2.74
2020	3,063	14,005	13,124,417	9,739,549.9	2.33	3.14
2021	3,636	19,633	12,587,109	9,291,267.6	2.89	3.91
2022 ²	2,014	8,005	9,641,839	3,574,154.6	2.09	5.63
<i>45-64 years</i>						
2016 ²	744	1,865	12,718,241	7,933,113.3	0.58	0.94
2017	1,218	3,538	13,461,661	10,615,321.1	0.90	1.15
2018	1,762	5,512	13,408,318	10,641,520.8	1.31	1.66
2019	2,174	7,524	13,609,587	10,736,340.2	1.60	2.02
2020	2,520	8,962	13,288,354	10,723,831.2	1.90	2.35
2021	2,778	11,361	12,739,914	10,275,047.2	2.18	2.70
2022 ²	1,741	5,262	10,250,603	3,990,825.1	1.70	4.36

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Cocaine Use Remission</i>						
<i>18-25 years</i>						
2016 ²	248	1,020	5,338,640	3,003,473.8	0.46	0.83
2017	486	1,907	5,750,481	4,012,606.7	0.85	1.21
2018	866	6,084	5,726,981	4,011,793.5	1.51	2.16
2019	1,025	7,380	5,789,758	4,052,879.9	1.77	2.53
2020	1,069	7,217	5,594,033	4,015,956.5	1.91	2.66
2021	969	6,706	5,245,449	3,770,137.2	1.85	2.57
2022 ²	423	2,455	4,026,680	1,493,061.3	1.05	2.83
<i>26-44 years</i>						
2016 ²	532	1,763	12,250,443	7,059,706.1	0.43	0.75
2017	764	2,222	13,238,996	9,536,413.0	0.58	0.80
2018	1,364	5,906	13,314,021	9,622,997.1	1.02	1.42
2019	1,772	7,356	13,475,265	9,733,351.7	1.32	1.82
2020	2,245	12,821	13,124,417	9,739,549.9	1.71	2.31
2021	2,611	16,990	12,587,109	9,291,267.6	2.07	2.81
2022 ²	1,437	6,709	9,641,839	3,574,154.6	1.49	4.02
<i>45-64 years</i>						
2016 ²	1,124	2,676	12,718,241	7,933,113.3	0.88	1.42
2017	1,867	4,505	13,461,661	10,615,321.1	1.39	1.76
2018	2,803	7,680	13,408,318	10,641,520.8	2.09	2.63
2019	3,817	11,996	13,609,587	10,736,340.2	2.80	3.56
2020	4,600	15,967	13,288,354	10,723,831.2	3.46	4.29
2021	5,369	18,928	12,739,914	10,275,047.2	4.21	5.23
2022 ²	3,397	8,686	10,250,603	3,990,825.1	3.31	8.51

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Alcohol Use Remission</i>						
<i>18-25 years</i>						
2016 ²	1,225	3,982	5,338,640	3,003,473.8	2.29	4.08
2017	1,920	6,118	5,750,481	4,012,606.7	3.34	4.78
2018	2,901	12,778	5,726,981	4,011,793.5	5.07	7.23
2019	3,595	15,639	5,789,758	4,052,879.9	6.21	8.87
2020	3,620	17,704	5,594,033	4,015,956.5	6.47	9.01
2021	3,883	18,228	5,245,449	3,770,137.2	7.40	10.30
2022 ²	2,001	7,401	4,026,680	1,493,061.3	4.97	13.40
<i>26-44 years</i>						
2016 ²	6,431	16,793	12,250,443	7,059,706.1	5.25	9.11
2017	10,117	28,486	13,238,996	9,536,413.0	7.64	10.61
2018	14,688	47,445	13,314,021	9,622,997.1	11.03	15.26
2019	19,186	64,540	13,475,265	9,733,351.7	14.24	19.71
2020	21,935	84,149	13,124,417	9,739,549.9	16.71	22.52
2021	25,966	105,127	12,587,109	9,291,267.6	20.63	27.95
2022 ²	14,155	44,503	9,641,839	3,574,154.6	14.68	39.60
<i>45-64 years</i>						
2016 ²	17,648	39,272	12,718,241	7,933,113.3	13.88	22.25
2017	25,644	63,349	13,461,661	10,615,321.1	19.05	24.16
2018	32,875	86,338	13,408,318	10,641,520.8	24.52	30.89
2019	40,647	110,131	13,609,587	10,736,340.2	29.87	37.86
2020	45,335	132,715	13,288,354	10,723,831.2	34.12	42.28
2021	50,496	153,211	12,739,914	10,275,047.2	39.64	49.14
2022 ²	28,472	67,594	10,250,603	3,990,825.1	27.78	71.34

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Cannabis Use with Psychotic Disorder</i>						
<i>18-25 years</i>						
2016 ²	536	1,685	5,338,640	3,003,473.8	1.00	1.78
2017	762	2,169	5,750,481	4,012,606.7	1.33	1.90
2018	815	2,472	5,726,981	4,011,793.5	1.42	2.03
2019	832	2,939	5,789,758	4,052,879.9	1.44	2.05
2020	916	3,190	5,594,033	4,015,956.5	1.64	2.28
2021	928	3,057	5,245,449	3,770,137.2	1.77	2.46
2022 ²	439	1,447	4,026,680	1,493,061.3	1.09	2.94
<i>26-44 years</i>						
2016 ²	186	487	12,250,443	7,059,706.1	0.15	0.26
2017	258	504	13,238,996	9,536,413.0	0.19	0.27
2018	315	844	13,314,021	9,622,997.1	0.24	0.33
2019	417	911	13,475,265	9,733,351.7	0.31	0.43
2020	493	1,340	13,124,417	9,739,549.9	0.38	0.51
2021	596	1,891	12,587,109	9,291,267.6	0.47	0.64
2022 ²	265	633	9,641,839	3,574,154.6	0.27	0.74
<i>45-64 years</i>						
2016 ²	110	251	12,718,241	7,933,113.3	0.09	0.14
2017	171	279	13,461,661	10,615,321.1	0.13	0.16
2018	188	341	13,408,318	10,641,520.8	0.14	0.18
2019	215	491	13,609,587	10,736,340.2	0.16	0.20
2020	270	482	13,288,354	10,723,831.2	0.20	0.25
2021	316	555	12,739,914	10,275,047.2	0.25	0.31
2022 ²	148	273	10,250,603	3,990,825.1	0.14	0.37

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Cocaine Use with Psychotic Disorder</i>						
<i>18-25 years</i>						
2016 ²	102	314	5,338,640	3,003,473.8	0.19	0.34
2017	140	283	5,750,481	4,012,606.7	0.24	0.35
2018	130	243	5,726,981	4,011,793.5	0.23	0.32
2019	111	207	5,789,758	4,052,879.9	0.19	0.27
2020	76	149	5,594,033	4,015,956.5	0.14	0.19
2021	67	115	5,245,449	3,770,137.2	0.13	0.18
2022 ²	29	44	4,026,680	1,493,061.3	0.07	0.19
<i>26-44 years</i>						
2016 ²	97	229	12,250,443	7,059,706.1	0.08	0.14
2017	133	326	13,238,996	9,536,413.0	0.10	0.14
2018	121	412	13,314,021	9,622,997.1	0.09	0.13
2019	132	254	13,475,265	9,733,351.7	0.10	0.14
2020	144	271	13,124,417	9,739,549.9	0.11	0.15
2021	161	391	12,587,109	9,291,267.6	0.13	0.17
2022 ²	81	407	9,641,839	3,574,154.6	0.08	0.23
<i>45-64 years</i>						
2016 ²	106	192	12,718,241	7,933,113.3	0.08	0.13
2017	135	264	13,461,661	10,615,321.1	0.10	0.13
2018	135	323	13,408,318	10,641,520.8	0.10	0.13
2019	151	388	13,609,587	10,736,340.2	0.11	0.14
2020	143	330	13,288,354	10,723,831.2	0.11	0.13
2021	219	461	12,739,914	10,275,047.2	0.17	0.21
2022 ²	91	329	10,250,603	3,990,825.1	0.09	0.23

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Alcohol Use with Psychotic Disorder</i>						
<i>18-25 years</i>						
2016 ²	754	1,055	5,338,640	3,003,473.8	1.41	2.51
2017	1,005	1,406	5,750,481	4,012,606.7	1.75	2.50
2018	946	1,344	5,726,981	4,011,793.5	1.65	2.36
2019	894	1,356	5,789,758	4,052,879.9	1.54	2.21
2020	657	1,041	5,594,033	4,015,956.5	1.17	1.64
2021	686	1,062	5,245,449	3,770,137.2	1.31	1.82
2022 ²	248	453	4,026,680	1,493,061.3	0.62	1.66
<i>26-44 years</i>						
2016 ²	1,661	2,910	12,250,443	7,059,706.1	1.36	2.35
2017	2,360	4,095	13,238,996	9,536,413.0	1.78	2.47
2018	2,351	4,266	13,314,021	9,622,997.1	1.77	2.44
2019	2,330	4,145	13,475,265	9,733,351.7	1.73	2.39
2020	2,500	4,830	13,124,417	9,739,549.9	1.90	2.57
2021	2,488	4,720	12,587,109	9,291,267.6	1.98	2.68
2022 ²	1,003	1,917	9,641,839	3,574,154.6	1.04	2.81
<i>45-64 years</i>						
2016 ²	3,876	7,738	12,718,241	7,933,113.3	3.05	4.89
2017	5,150	10,689	13,461,661	10,615,321.1	3.83	4.85
2018	5,010	10,392	13,408,318	10,641,520.8	3.74	4.71
2019	5,003	10,193	13,609,587	10,736,340.2	3.68	4.66
2020	5,350	12,000	13,288,354	10,723,831.2	4.03	4.99
2021	5,311	12,078	12,739,914	10,275,047.2	4.17	5.17
2022 ²	2,217	4,742	10,250,603	3,990,825.1	2.16	5.56

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Cannabis Use Disorder (DSM-5 Definition)</i>						
<i>18-25 years</i>						
2016 ²	29,786	199,650	5,338,640	3,003,473.8	55.79	99.17
2017	39,378	284,685	5,750,481	4,012,606.7	68.48	98.14
2018	38,418	289,429	5,726,981	4,011,793.5	67.08	95.76
2019	37,640	277,084	5,789,758	4,052,879.9	65.01	92.87
2020	34,823	251,628	5,594,033	4,015,956.5	62.25	86.71
2021	34,768	242,821	5,245,449	3,770,137.2	66.28	92.22
2022 ²	16,326	93,139	4,026,680	1,493,061.3	40.54	109.35
<i>26-44 years</i>						
2016 ²	17,698	71,666	12,250,443	7,059,706.1	14.45	25.07
2017	24,759	111,938	13,238,996	9,536,413.0	18.70	25.96
2018	27,572	137,053	13,314,021	9,622,997.1	20.71	28.65
2019	31,148	159,599	13,475,265	9,733,351.7	23.11	32.00
2020	33,470	190,804	13,124,417	9,739,549.9	25.50	34.37
2021	38,164	247,952	12,587,109	9,291,267.6	30.32	41.08
2022 ²	19,831	105,658	9,641,839	3,574,154.6	20.57	55.48
<i>45-64 years</i>						
2016 ²	11,841	35,460	12,718,241	7,933,113.3	9.31	14.93
2017	16,458	56,304	13,461,661	10,615,321.1	12.23	15.50
2018	18,303	66,278	13,408,318	10,641,520.8	13.65	17.20
2019	21,582	80,278	13,609,587	10,736,340.2	15.86	20.10
2020	23,071	95,596	13,288,354	10,723,831.2	17.36	21.51
2021	26,373	116,478	12,739,914	10,275,047.2	20.70	25.67
2022 ²	14,361	50,822	10,250,603	3,990,825.1	14.01	35.99

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Cocaine Use Disorder (DSM-5 Definition)</i>						
<i>18-25 years</i>						
2016 ²	7,186	78,756	5,338,640	3,003,473.8	13.46	23.93
2017	9,801	122,250	5,750,481	4,012,606.7	17.04	24.43
2018	9,145	126,724	5,726,981	4,011,793.5	15.97	22.80
2019	7,752	102,442	5,789,758	4,052,879.9	13.39	19.13
2020	6,139	77,477	5,594,033	4,015,956.5	10.97	15.29
2021	5,157	59,616	5,245,449	3,770,137.2	9.83	13.68
2022 ²	2,404	21,703	4,026,680	1,493,061.3	5.97	16.10
<i>26-44 years</i>						
2016 ²	6,148	38,409	12,250,443	7,059,706.1	5.02	8.71
2017	8,162	57,923	13,238,996	9,536,413.0	6.17	8.56
2018	9,088	72,236	13,314,021	9,622,997.1	6.83	9.44
2019	9,470	75,621	13,475,265	9,733,351.7	7.03	9.73
2020	9,357	79,090	13,124,417	9,739,549.9	7.13	9.61
2021	10,240	85,188	12,587,109	9,291,267.6	8.14	11.02
2022 ²	5,241	34,239	9,641,839	3,574,154.6	5.44	14.66
<i>45-64 years</i>						
2016 ²	6,383	28,749	12,718,241	7,933,113.3	5.02	8.05
2017	8,882	45,310	13,461,661	10,615,321.1	6.60	8.37
2018	9,911	50,510	13,408,318	10,641,520.8	7.39	9.31
2019	11,788	60,236	13,609,587	10,736,340.2	8.66	10.98
2020	12,572	65,811	13,288,354	10,723,831.2	9.46	11.72
2021	14,380	79,253	12,739,914	10,275,047.2	11.29	14.00
2022 ²	8,311	35,150	10,250,603	3,990,825.1	8.11	20.83

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Alcohol Use Disorder (DSM-5 Definition)</i>						
<i>18-25 years</i>						
2016 ²	26,913	223,006	5,338,640	3,003,473.8	50.41	89.61
2017	33,883	311,606	5,750,481	4,012,606.7	58.92	84.44
2018	32,034	306,748	5,726,981	4,011,793.5	55.94	79.85
2019	31,336	291,146	5,789,758	4,052,879.9	54.12	77.32
2020	27,270	255,396	5,594,033	4,015,956.5	48.75	67.90
2021	26,634	236,989	5,245,449	3,770,137.2	50.78	70.64
2022 ²	12,826	93,446	4,026,680	1,493,061.3	31.85	85.90
<i>26-44 years</i>						
2016 ²	58,342	341,624	12,250,443	7,059,706.1	47.62	82.64
2017	76,973	492,023	13,238,996	9,536,413.0	58.14	80.71
2018	85,401	556,525	13,314,021	9,622,997.1	64.14	88.75
2019	94,657	620,927	13,475,265	9,733,351.7	70.25	97.25
2020	95,738	665,606	13,124,417	9,739,549.9	72.95	98.30
2021	105,035	735,817	12,587,109	9,291,267.6	83.45	113.05
2022 ²	55,288	298,580	9,641,839	3,574,154.6	57.34	154.69
<i>45-64 years</i>						
2016 ²	98,253	426,138	12,718,241	7,933,113.3	77.25	123.85
2017	127,572	604,559	13,461,661	10,615,321.1	94.77	120.18
2018	138,451	670,297	13,408,318	10,641,520.8	103.26	130.10
2019	153,004	737,658	13,609,587	10,736,340.2	112.42	142.51
2020	155,735	787,803	13,288,354	10,723,831.2	117.20	145.22
2021	167,335	861,284	12,739,914	10,275,047.2	131.35	162.86
2022 ²	90,174	346,533	10,250,603	3,990,825.1	87.97	225.95

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
Emergency Department Visit or Outpatient Care Setting						
<i>Any Cannabis-Related Disorder</i>						
<i>18-25 years</i>						
2016 ²	31,686	207,046	5,338,638	3,003,403.0	59.35	105.50
2017	43,680	294,477	5,750,478	4,012,506.9	75.96	108.86
2018	46,436	304,243	5,726,979	4,011,696.8	81.08	115.75
2019	47,722	294,571	5,789,754	4,052,780.9	82.42	117.75
2020	45,685	272,603	5,594,033	4,015,851.0	81.67	113.76
2021	48,331	272,153	5,245,448	3,770,036.2	92.14	128.20
2022 ²	23,325	107,201	4,026,680	1,493,031.2	57.93	156.23
<i>26-44 years</i>						
2016 ²	20,091	77,363	12,250,440	7,059,661.6	16.40	28.46
2017	29,820	121,180	13,238,994	9,536,347.1	22.52	31.27
2018	36,586	153,006	13,314,017	9,622,922.7	27.48	38.02
2019	42,766	180,833	13,475,263	9,733,267.9	31.74	43.94
2020	46,624	216,536	13,124,415	9,739,455.1	35.52	47.87
2021	55,741	286,114	12,587,106	9,291,164.4	44.28	59.99
2022 ²	28,873	124,036	9,641,839	3,574,120.7	29.95	80.78
<i>45-64 years</i>						
2016 ²	13,866	39,766	12,718,241	7,933,073.3	10.90	17.48
2017	20,284	63,632	13,461,661	10,615,264.0	15.07	19.11
2018	25,040	78,175	13,408,317	10,641,455.8	18.67	23.53
2019	30,432	97,727	13,609,584	10,736,257.4	22.36	28.35
2020	33,079	117,345	13,288,354	10,723,742.2	24.89	30.85
2021	40,079	148,616	12,739,913	10,274,946.0	31.46	39.01
2022 ²	22,419	67,238	10,250,603	3,990,787.9	21.87	56.18

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Any Cocaine-Related Disorder</i>						
<i>18-25 years</i>						
2016 ²	6,640	78,158	5,338,640	3,003,453.8	12.44	22.11
2017	9,162	120,430	5,750,479	4,012,578.3	15.93	22.83
2018	8,698	124,217	5,726,981	4,011,768.8	15.19	21.68
2019	7,444	100,186	5,789,755	4,052,857.1	12.86	18.37
2020	5,772	75,402	5,594,033	4,015,934.6	10.32	14.37
2021	4,932	58,392	5,245,449	3,770,119.1	9.40	13.08
2022 ²	2,344	21,541	4,026,680	1,493,056.0	5.82	15.70
<i>26-44 years</i>						
2016 ²	5,761	38,242	12,250,442	7,059,692.1	4.70	8.16
2017	7,802	57,265	13,238,996	9,536,392.7	5.89	8.18
2018	8,735	71,451	13,314,021	9,622,975.3	6.56	9.08
2019	9,274	74,722	13,475,264	9,733,326.9	6.88	9.53
2020	8,969	78,366	13,124,416	9,739,524.4	6.83	9.21
2021	9,994	85,846	12,587,109	9,291,242.5	7.94	10.76
2022 ²	5,164	34,656	9,641,839	3,574,145.7	5.36	14.45
<i>45-64 years</i>						
2016 ²	5,806	28,272	12,718,241	7,933,095.5	4.57	7.32
2017	8,043	43,980	13,461,661	10,615,295.0	5.97	7.58
2018	9,193	49,289	13,408,317	10,641,493.0	6.86	8.64
2019	10,888	58,650	13,609,586	10,736,303.9	8.00	10.14
2020	11,615	64,301	13,288,353	10,723,792.8	8.74	10.83
2021	13,471	78,759	12,739,913	10,275,004.4	10.57	13.11
2022 ²	7,995	35,501	10,250,603	3,990,808.1	7.80	20.03

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Any Alcohol-Related Disorder</i>						
<i>18-25 years</i>						
2016 ²	37,631	240,042	5,338,640	3,003,415.3	70.49	125.29
2017	46,723	328,574	5,750,480	4,012,530.8	81.25	116.44
2018	44,029	321,567	5,726,980	4,011,726.8	76.88	109.75
2019	42,715	304,292	5,789,756	4,052,812.6	73.78	105.40
2020	34,121	263,570	5,594,033	4,015,886.3	61.00	84.97
2021	35,544	248,140	5,245,448	3,770,072.6	67.76	94.28
2022 ²	16,306	98,073	4,026,680	1,493,042.9	40.49	109.21
<i>26-44 years</i>						
2016 ²	68,722	364,204	12,250,438	7,059,580.6	56.10	97.35
2017	88,961	515,852	13,238,991	9,536,246.9	67.20	93.29
2018	97,557	581,004	13,314,017	9,622,818.8	73.27	101.38
2019	105,810	641,872	13,475,254	9,733,154.8	78.52	108.71
2020	103,858	685,379	13,124,412	9,739,338.4	79.13	106.64
2021	115,062	761,333	12,587,103	9,291,057.4	91.41	123.84
2022 ²	60,016	310,856	9,641,839	3,574,085.1	62.25	167.92
<i>45-64 years</i>						
2016 ²	105,289	446,439	12,718,231	7,932,813.3	82.79	132.73
2017	134,265	626,032	13,461,655	10,614,935.0	99.74	126.49
2018	145,905	691,380	13,408,304	10,641,113.3	108.82	137.11
2019	158,520	753,496	13,609,574	10,735,895.5	116.48	147.65
2020	160,169	806,838	13,288,345	10,723,368.2	120.53	149.36
2021	174,228	888,898	12,739,902	10,274,582.7	136.76	169.57
2022 ²	94,502	361,365	10,250,603	3,990,665.1	92.19	236.81

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Cannabis Use Remission</i>						
<i>18-25 years</i>						
2016 ²	734	2,816	5,338,640	3,003,473.2	1.37	2.44
2017	1,181	4,725	5,750,481	4,012,605.3	2.05	2.94
2018	2,141	11,509	5,726,981	4,011,791.4	3.74	5.34
2019	2,468	13,517	5,789,758	4,052,877.4	4.26	6.09
2020	2,492	15,347	5,594,033	4,015,954.2	4.45	6.21
2021	2,612	14,929	5,245,449	3,770,135.0	4.98	6.93
2022 ²	1,220	5,711	4,026,680	1,493,060.6	3.03	8.17
<i>26-44 years</i>						
2016 ²	640	2,113	12,250,443	7,059,705.7	0.52	0.91
2017	1,112	3,774	13,238,996	9,536,412.1	0.84	1.17
2018	1,880	7,585	13,314,021	9,622,995.4	1.41	1.95
2019	2,432	10,369	13,475,265	9,733,349.9	1.80	2.50
2020	2,814	13,597	13,124,417	9,739,547.8	2.14	2.89
2021	3,353	19,180	12,587,109	9,291,265.6	2.66	3.61
2022 ²	1,899	7,845	9,641,839	3,574,153.9	1.97	5.31
<i>45-64 years</i>						
2016 ²	693	1,794	12,718,241	7,933,112.9	0.54	0.87
2017	1,116	3,383	13,461,661	10,615,320.3	0.83	1.05
2018	1,605	5,279	13,408,318	10,641,519.5	1.20	1.51
2019	1,962	7,210	13,609,587	10,736,338.5	1.44	1.83
2020	2,307	8,631	13,288,354	10,723,829.5	1.74	2.15
2021	2,545	11,020	12,739,914	10,275,045.6	2.00	2.48
2022 ²	1,636	5,127	10,250,603	3,990,824.5	1.60	4.10

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Cocaine Use Remission</i>						
<i>18-25 years</i>						
2016 ²	193	942	5,338,640	3,003,473.3	0.36	0.64
2017	388	1,777	5,750,481	4,012,606.0	0.67	0.97
2018	748	5,883	5,726,981	4,011,792.5	1.31	1.86
2019	896	7,138	5,789,758	4,052,878.9	1.55	2.21
2020	908	6,917	5,594,033	4,015,955.3	1.62	2.26
2021	842	6,447	5,245,449	3,770,136.0	1.61	2.23
2022 ²	385	2,389	4,026,680	1,493,061.0	0.96	2.58
<i>26-44 years</i>						
2016 ²	459	1,660	12,250,443	7,059,705.5	0.37	0.65
2017	658	2,081	13,238,996	9,536,412.3	0.50	0.69
2018	1,175	5,625	13,314,021	9,622,995.6	0.88	1.22
2019	1,547	7,000	13,475,265	9,733,349.8	1.15	1.59
2020	2,018	12,384	13,124,417	9,739,547.7	1.54	2.07
2021	2,373	16,601	12,587,109	9,291,265.7	1.89	2.55
2022 ²	1,344	6,554	9,641,839	3,574,154.0	1.39	3.76
<i>45-64 years</i>						
2016 ²	1,011	2,534	12,718,241	7,933,112.6	0.79	1.27
2017	1,664	4,221	13,461,661	10,615,319.4	1.24	1.57
2018	2,457	7,148	13,408,318	10,641,517.7	1.83	2.31
2019	3,322	11,202	13,609,586	10,736,335.6	2.44	3.09
2020	4,084	15,119	13,288,354	10,723,826.4	3.07	3.81
2021	4,850	18,091	12,739,913	10,275,042.8	3.81	4.72
2022 ²	3,174	8,357	10,250,603	3,990,823.4	3.10	7.95

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Alcohol Use Remission</i>						
<i>18-25 years</i>						
2016 ²	1,093	3,785	5,338,640	3,003,472.7	2.05	3.64
2017	1,711	5,766	5,750,481	4,012,604.8	2.98	4.26
2018	2,632	12,299	5,726,981	4,011,791.4	4.60	6.56
2019	3,299	15,095	5,789,758	4,052,877.4	5.70	8.14
2020	3,362	17,172	5,594,033	4,015,953.9	6.01	8.37
2021	3,612	17,695	5,245,449	3,770,134.6	6.89	9.58
2022 ²	1,906	7,224	4,026,680	1,493,060.5	4.73	12.77
<i>26-44 years</i>						
2016 ²	5,937	15,969	12,250,443	7,059,701.0	4.85	8.41
2017	9,400	27,255	13,238,996	9,536,405.4	7.10	9.86
2018	13,820	45,785	13,314,021	9,622,986.7	10.38	14.36
2019	18,156	62,490	13,475,263	9,733,339.6	13.47	18.65
2020	20,925	81,985	13,124,417	9,739,536.9	15.94	21.48
2021	24,917	102,771	12,587,109	9,291,253.6	19.80	26.82
2022 ²	13,691	43,585	9,641,839	3,574,149.5	14.20	38.31
<i>45-64 years</i>						
2016 ²	15,781	36,229	12,718,240	7,933,092.3	12.41	19.89
2017	23,273	59,034	13,461,660	10,615,291.8	17.29	21.92
2018	29,876	80,667	13,408,317	10,641,483.1	22.28	28.08
2019	37,096	102,976	13,609,587	10,736,293.1	27.26	34.55
2020	41,717	125,249	13,288,353	10,723,781.6	31.39	38.90
2021	46,884	145,433	12,739,912	10,274,997.0	36.80	45.63
2022 ²	26,927	64,637	10,250,603	3,990,805.8	26.27	67.47

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Cannabis Use with Psychotic Disorder</i>						
<i>18-25 years</i>						
2016 ²	379	1,439	5,338,640	3,003,472.5	0.71	1.26
2017	524	1,792	5,750,481	4,012,604.9	0.91	1.31
2018	553	2,079	5,726,981	4,011,791.7	0.97	1.38
2019	572	2,549	5,789,758	4,052,878.1	0.99	1.41
2020	624	2,714	5,594,033	4,015,954.3	1.12	1.55
2021	647	2,600	5,245,448	3,770,135.1	1.23	1.72
2022 ²	332	1,273	4,026,680	1,493,060.6	0.82	2.22
<i>26-44 years</i>						
2016 ²	134	406	12,250,443	7,059,705.7	0.11	0.19
2017	171	390	13,238,996	9,536,412.4	0.13	0.18
2018	222	721	13,314,021	9,622,996.5	0.17	0.23
2019	310	754	13,475,265	9,733,350.9	0.23	0.32
2020	361	1,147	13,124,417	9,739,549.2	0.28	0.37
2021	413	1,624	12,587,109	9,291,266.5	0.33	0.44
2022 ²	202	541	9,641,839	3,574,154.2	0.21	0.57
<i>45-64 years</i>						
2016 ²	86	215	12,718,241	7,933,113.1	0.07	0.11
2017	127	223	13,461,661	10,615,320.9	0.09	0.12
2018	135	278	13,408,318	10,641,520.6	0.10	0.13
2019	154	419	13,609,587	10,736,339.8	0.11	0.14
2020	176	356	13,288,354	10,723,830.8	0.13	0.16
2021	224	437	12,739,914	10,275,046.9	0.18	0.22
2022 ²	115	234	10,250,603	3,990,825.0	0.11	0.29

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Cocaine Use with Psychotic Disorder</i>						
<i>18-25 years</i>						
2016 ²	66	252	5,338,640	3,003,473.5	0.12	0.22
2017	91	209	5,750,481	4,012,606.4	0.16	0.23
2018	72	162	5,726,981	4,011,793.1	0.13	0.18
2019	68	155	5,789,758	4,052,879.7	0.12	0.17
2020	48	110	5,594,033	4,015,956.4	0.09	0.12
2021	36	64	5,245,449	3,770,136.9	0.07	0.10
2022 ²	21	34	4,026,680	1,493,061.2	0.05	0.14
<i>26-44 years</i>						
2016 ²	64	178	12,250,443	7,059,705.9	0.05	0.09
2017	99	271	13,238,996	9,536,412.7	0.07	0.10
2018	74	354	13,314,021	9,622,996.8	0.06	0.08
2019	76	177	13,475,265	9,733,351.3	0.06	0.08
2020	84	180	13,124,417	9,739,549.5	0.06	0.09
2021	106	298	12,587,109	9,291,267.3	0.08	0.11
2022 ²	56	374	9,641,839	3,574,154.5	0.06	0.16
<i>45-64 years</i>						
2016 ²	65	133	12,718,241	7,933,113.0	0.05	0.08
2017	84	199	13,461,661	10,615,320.8	0.06	0.08
2018	77	238	13,408,318	10,641,520.4	0.06	0.07
2019	97	305	13,609,587	10,736,339.9	0.07	0.09
2020	75	234	13,288,354	10,723,830.8	0.06	0.07
2021	139	336	12,739,914	10,275,046.8	0.11	0.14
2022 ²	63	290	10,250,603	3,990,825.0	0.06	0.16

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Alcohol Use with Psychotic Disorder</i>						
<i>18-25 years</i>						
2016 ²	561	774	5,338,640	3,003,472.0	1.05	1.87
2017	789	1,091	5,750,481	4,012,604.7	1.37	1.97
2018	720	997	5,726,981	4,011,791.3	1.26	1.79
2019	714	1,066	5,789,758	4,052,878.2	1.23	1.76
2020	473	735	5,594,033	4,015,954.7	0.85	1.18
2021	521	735	5,245,449	3,770,135.3	0.99	1.38
2022 ²	181	347	4,026,680	1,493,060.6	0.45	1.21
<i>26-44 years</i>						
2016 ²	916	1,550	12,250,443	7,059,697.6	0.75	1.30
2017	1,327	2,166	13,238,996	9,536,401.0	1.00	1.39
2018	1,284	2,265	13,314,021	9,622,984.5	0.96	1.33
2019	1,284	2,049	13,475,264	9,733,338.7	0.95	1.32
2020	1,322	2,409	13,124,417	9,739,535.1	1.01	1.36
2021	1,267	2,271	12,587,109	9,291,252.8	1.01	1.36
2022 ²	554	1,055	9,641,839	3,574,149.5	0.57	1.55
<i>45-64 years</i>						
2016 ²	1,661	3,518	12,718,239	7,933,086.8	1.31	2.09
2017	2,336	4,992	13,461,660	10,615,285.7	1.74	2.20
2018	2,236	4,838	13,408,317	10,641,486.4	1.67	2.10
2019	2,222	4,811	13,609,587	10,736,306.5	1.63	2.07
2020	2,338	5,838	13,288,353	10,723,793.6	1.76	2.18
2021	2,417	6,182	12,739,913	10,275,012.0	1.90	2.35
2022 ²	1,118	2,688	10,250,603	3,990,813.0	1.09	2.80

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Cannabis Use Disorder (DSM-5 Definition)</i>						
<i>18-25 years</i>						
2016 ²	25,667	189,177	5,338,639	3,003,425.4	48.08	85.46
2017	34,134	270,017	5,750,479	4,012,538.3	59.36	85.07
2018	33,258	274,671	5,726,981	4,011,728.9	58.07	82.90
2019	32,521	261,675	5,789,756	4,052,813.6	56.17	80.24
2020	29,722	236,106	5,594,033	4,015,885.6	53.13	74.01
2021	29,819	228,608	5,245,449	3,770,073.1	56.85	79.09
2022 ²	14,369	88,294	4,026,680	1,493,042.6	35.68	96.24
<i>26-44 years</i>						
2016 ²	15,102	66,659	12,250,443	7,059,680.8	12.33	21.39
2017	21,213	104,785	13,238,994	9,536,376.9	16.02	22.24
2018	23,775	128,735	13,314,018	9,622,956.6	17.86	24.71
2019	26,891	150,109	13,475,263	9,733,307.8	19.96	27.63
2020	28,721	179,732	13,124,416	9,739,498.4	21.88	29.49
2021	32,972	236,027	12,587,107	9,291,215.7	26.20	35.49
2022 ²	17,575	101,218	9,641,839	3,574,137.3	18.23	49.17
<i>45-64 years</i>						
2016 ²	9,722	31,916	12,718,241	7,933,094.1	7.64	12.25
2017	13,671	51,113	13,461,661	10,615,295.0	10.16	12.88
2018	15,143	60,297	13,408,318	10,641,490.8	11.29	14.23
2019	17,788	73,149	13,609,585	10,736,304.4	13.07	16.57
2020	19,080	88,061	13,288,354	10,723,794.1	14.36	17.79
2021	21,965	108,062	12,739,913	10,275,007.2	17.24	21.38
2022 ²	12,396	47,471	10,250,603	3,990,809.8	12.09	31.06

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Cocaine Use Disorder (DSM-5 Definition)</i>						
<i>18-25 years</i>						
2016 ²	6,019	74,851	5,338,640	3,003,456.8	11.27	20.04
2017	8,286	116,461	5,750,481	4,012,582.2	14.41	20.65
2018	7,797	121,205	5,726,981	4,011,772.6	13.61	19.44
2019	6,540	97,280	5,789,756	4,052,860.3	11.30	16.14
2020	5,043	72,909	5,594,033	4,015,937.5	9.01	12.56
2021	4,172	56,053	5,245,449	3,770,121.4	7.95	11.07
2022 ²	2,005	20,524	4,026,680	1,493,056.8	4.98	13.43
<i>26-44 years</i>						
2016 ²	5,138	35,822	12,250,442	7,059,694.4	4.19	7.28
2017	6,876	54,214	13,238,996	9,536,396.3	5.19	7.21
2018	7,704	68,175	13,314,021	9,622,979.3	5.79	8.01
2019	8,038	71,117	13,475,264	9,733,331.5	5.97	8.26
2020	7,791	74,395	13,124,416	9,739,528.5	5.94	8.00
2021	8,562	80,341	12,587,109	9,291,247.2	6.80	9.22
2022 ²	4,476	32,306	9,641,839	3,574,147.4	4.64	12.52
<i>45-64 years</i>						
2016 ²	5,184	25,816	12,718,241	7,933,098.5	4.08	6.53
2017	7,233	40,965	13,461,661	10,615,299.2	5.37	6.81
2018	8,199	45,840	13,408,317	10,641,498.0	6.11	7.70
2019	9,648	54,245	13,609,586	10,736,310.2	7.09	8.99
2020	10,354	59,466	13,288,353	10,723,799.8	7.79	9.66
2021	11,950	72,209	12,739,913	10,275,012.6	9.38	11.63
2022 ²	7,169	32,342	10,250,603	3,990,811.3	6.99	17.96

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Alcohol Use Disorder (DSM-5 Definition)</i>						
<i>18-25 years</i>						
2016 ²	24,290	213,347	5,338,640	3,003,430.3	45.50	80.87
2017	30,516	298,241	5,750,481	4,012,547.3	53.07	76.05
2018	28,825	293,992	5,726,980	4,011,740.9	50.33	71.85
2019	28,324	277,838	5,789,757	4,052,826.0	48.92	69.89
2020	24,281	242,412	5,594,033	4,015,898.8	43.41	60.46
2021	23,853	225,242	5,245,448	3,770,084.2	45.47	63.27
2022 ²	11,688	89,522	4,026,680	1,493,046.5	29.03	78.28
<i>26-44 years</i>						
2016 ²	53,753	324,049	12,250,439	7,059,613.1	43.88	76.14
2017	71,289	467,806	13,238,992	9,536,286.2	53.85	74.76
2018	79,353	530,342	13,314,018	9,622,861.2	59.60	82.46
2019	88,431	590,261	13,475,256	9,733,197.4	65.62	90.86
2020	89,192	632,877	13,124,414	9,739,382.7	67.96	91.58
2021	98,397	702,620	12,587,106	9,291,101.6	78.17	105.90
2022 ²	52,211	286,485	9,641,839	3,574,100.8	54.15	146.08
<i>45-64 years</i>						
2016 ²	86,487	387,927	12,718,235	7,932,883.0	68.00	109.02
2017	113,693	553,583	13,461,656	10,615,017.2	84.46	107.11
2018	123,887	615,169	13,408,305	10,641,195.7	92.40	116.42
2019	137,719	675,625	13,609,579	10,735,979.2	101.19	128.28
2020	140,828	723,395	13,288,347	10,723,457.0	105.98	131.33
2021	152,548	795,435	12,739,906	10,274,670.4	119.74	148.47
2022 ²	83,300	323,187	10,250,603	3,990,697.2	81.26	208.74

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
Inpatient Care Setting						
<i>Any Cannabis-Related Disorder</i>						
<i>18-25 years</i>						
2016 ²	7,114	8,788	5,338,640	3,003,473.8	13.33	23.69
2017	9,783	12,431	5,750,481	4,012,606.7	17.01	24.38
2018	9,567	12,047	5,726,981	4,011,793.5	16.71	23.85
2019	9,493	12,217	5,789,758	4,052,879.9	16.40	23.42
2020	9,745	13,011	5,594,033	4,015,956.5	17.42	24.27
2021	9,551	12,525	5,245,449	3,770,137.2	18.21	25.33
2022 ²	3,135	3,753	4,026,680	1,493,061.3	7.79	21.00
<i>26-44 years</i>						
2016 ²	4,743	5,562	12,250,443	7,059,706.1	3.87	6.72
2017	6,921	8,226	13,238,996	9,536,413.0	5.23	7.26
2018	7,832	9,342	13,314,021	9,622,997.1	5.88	8.14
2019	8,765	10,376	13,475,265	9,733,351.7	6.50	9.01
2020	9,499	11,833	13,124,417	9,739,549.9	7.24	9.75
2021	10,450	12,912	12,587,109	9,291,267.6	8.30	11.25
2022 ²	3,677	4,284	9,641,839	3,574,154.6	3.81	10.29
<i>45-64 years</i>						
2016 ²	4,288	4,949	12,718,241	7,933,113.3	3.37	5.41
2017	6,113	7,093	13,461,661	10,615,321.1	4.54	5.76
2018	6,846	8,069	13,408,318	10,641,520.8	5.11	6.43
2019	8,628	10,226	13,609,587	10,736,340.2	6.34	8.04
2020	9,204	11,077	13,288,354	10,723,831.2	6.93	8.58
2021	10,334	12,534	12,739,914	10,275,047.2	8.11	10.06
2022 ²	4,009	4,676	10,250,603	3,990,825.1	3.91	10.05

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Any Cocaine-Related Disorder</i>						
<i>18-25 years</i>						
2016 ²	1,828	2,502	5,338,640	3,003,473.8	3.42	6.09
2017	2,479	3,540	5,750,481	4,012,606.7	4.31	6.18
2018	2,198	3,097	5,726,981	4,011,793.5	3.84	5.48
2019	1,909	2,783	5,789,758	4,052,879.9	3.30	4.71
2020	1,685	2,671	5,594,033	4,015,956.5	3.01	4.20
2021	1,466	2,268	5,245,449	3,770,137.2	2.79	3.89
2022 ²	483	648	4,026,680	1,493,061.3	1.20	3.23
<i>26-44 years</i>						
2016 ²	1,361	1,747	12,250,443	7,059,706.1	1.11	1.93
2017	1,953	2,564	13,238,996	9,536,413.0	1.48	2.05
2018	2,101	2,732	13,314,021	9,622,997.1	1.58	2.18
2019	2,233	3,064	13,475,265	9,733,351.7	1.66	2.29
2020	2,194	3,183	13,124,417	9,739,549.9	1.67	2.25
2021	2,242	3,156	12,587,109	9,291,267.6	1.78	2.41
2022 ²	860	1,156	9,641,839	3,574,154.6	0.89	2.41
<i>45-64 years</i>						
2016 ²	1,666	2,253	12,718,241	7,933,113.3	1.31	2.10
2017	2,333	3,304	13,461,661	10,615,321.1	1.73	2.20
2018	2,514	3,544	13,408,318	10,641,520.8	1.87	2.36
2019	3,160	4,550	13,609,587	10,736,340.2	2.32	2.94
2020	3,256	4,841	13,288,354	10,723,831.2	2.45	3.04
2021	3,669	5,439	12,739,914	10,275,047.2	2.88	3.57
2022 ²	1,551	2,165	10,250,603	3,990,825.1	1.51	3.89

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Any Alcohol-Related Disorder</i>						
<i>18-25 years</i>						
2016 ²	5,279	7,457	5,338,640	3,003,473.8	9.89	17.58
2017	6,684	9,614	5,750,481	4,012,606.7	11.62	16.66
2018	6,015	8,434	5,726,981	4,011,793.5	10.50	14.99
2019	5,708	8,389	5,789,758	4,052,879.9	9.86	14.08
2020	5,605	8,702	5,594,033	4,015,956.5	10.02	13.96
2021	5,252	8,194	5,245,449	3,770,137.2	10.01	13.93
2022 ²	1,746	2,360	4,026,680	1,493,061.3	4.34	11.69
<i>26-44 years</i>						
2016 ²	11,080	16,189	12,250,443	7,059,706.1	9.04	15.69
2017	14,157	21,597	13,238,996	9,536,413.0	10.69	14.85
2018	15,146	23,082	13,314,021	9,622,997.1	11.38	15.74
2019	16,093	25,453	13,475,265	9,733,351.7	11.94	16.53
2020	16,704	27,393	13,124,417	9,739,549.9	12.73	17.15
2021	16,842	27,572	12,587,109	9,291,267.6	13.38	18.13
2022 ²	6,253	9,240	9,641,839	3,574,154.6	6.49	17.50
<i>45-64 years</i>						
2016 ²	25,703	38,651	12,718,241	7,933,113.3	20.21	32.40
2017	31,892	49,931	13,461,661	10,615,321.1	23.69	30.04
2018	33,381	52,765	13,408,318	10,641,520.8	24.90	31.37
2019	35,728	57,144	13,609,587	10,736,340.2	26.25	33.28
2020	36,232	59,851	13,288,354	10,723,831.2	27.27	33.79
2021	36,283	60,115	12,739,914	10,275,047.2	28.48	35.31
2022 ²	14,249	20,870	10,250,603	3,990,825.1	13.90	35.70

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Cannabis Use Remission</i>						
<i>18-25 years</i>						
2016 ²	62	68	5,338,640	3,003,473.8	0.12	0.21
2017	153	170	5,750,481	4,012,606.7	0.27	0.38
2018	229	262	5,726,981	4,011,793.5	0.40	0.57
2019	252	309	5,789,758	4,052,879.9	0.44	0.62
2020	258	303	5,594,033	4,015,956.5	0.46	0.64
2021	227	266	5,245,449	3,770,137.2	0.43	0.60
2022 ²	76	82	4,026,680	1,493,061.3	0.19	0.51
<i>26-44 years</i>						
2016 ²	48	54	12,250,443	7,059,706.1	0.04	0.07
2017	103	130	13,238,996	9,536,413.0	0.08	0.11
2018	191	227	13,314,021	9,622,997.1	0.14	0.20
2019	198	225	13,475,265	9,733,351.7	0.15	0.20
2020	228	254	13,124,417	9,739,549.9	0.17	0.23
2021	227	255	12,587,109	9,291,267.6	0.18	0.24
2022 ²	78	80	9,641,839	3,574,154.6	0.08	0.22
<i>45-64 years</i>						
2016 ²	40	49	12,718,241	7,933,113.3	0.03	0.05
2017	93	105	13,461,661	10,615,321.1	0.07	0.09
2018	142	162	13,408,318	10,641,520.8	0.11	0.13
2019	189	210	13,609,587	10,736,340.2	0.14	0.18
2020	184	212	13,288,354	10,723,831.2	0.14	0.17
2021	183	203	12,739,914	10,275,047.2	0.14	0.18
2022 ²	79	83	10,250,603	3,990,825.1	0.08	0.20

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Cocaine Use Remission</i>						
<i>18-25 years</i>						
2016 ²	48	50	5,338,640	3,003,473.8	0.09	0.16
2017	71	76	5,750,481	4,012,606.7	0.12	0.18
2018	101	117	5,726,981	4,011,793.5	0.18	0.25
2019	113	129	5,789,758	4,052,879.9	0.20	0.28
2020	135	155	5,594,033	4,015,956.5	0.24	0.34
2021	107	145	5,245,449	3,770,137.2	0.20	0.28
2022 ²	32	35	4,026,680	1,493,061.3	0.08	0.21
<i>26-44 years</i>						
2016 ²	61	67	12,250,443	7,059,706.1	0.05	0.09
2017	90	94	13,238,996	9,536,413.0	0.07	0.09
2018	169	185	13,314,021	9,622,997.1	0.13	0.18
2019	200	226	13,475,265	9,733,351.7	0.15	0.21
2020	226	269	13,124,417	9,739,549.9	0.17	0.23
2021	203	229	12,587,109	9,291,267.6	0.16	0.22
2022 ²	72	78	9,641,839	3,574,154.6	0.07	0.20
<i>45-64 years</i>						
2016 ²	84	90	12,718,241	7,933,113.3	0.07	0.11
2017	181	208	13,461,661	10,615,321.1	0.13	0.17
2018	344	393	13,408,318	10,641,520.8	0.26	0.32
2019	483	566	13,609,587	10,736,340.2	0.35	0.45
2020	504	586	13,288,354	10,723,831.2	0.38	0.47
2021	485	558	12,739,914	10,275,047.2	0.38	0.47
2022 ²	193	217	10,250,603	3,990,825.1	0.19	0.48

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Alcohol Use Remission</i>						
<i>18-25 years</i>						
2016 ²	106	127	5,338,640	3,003,473.8	0.20	0.35
2017	201	240	5,750,481	4,012,606.7	0.35	0.50
2018	224	273	5,726,981	4,011,793.5	0.39	0.56
2019	269	306	5,789,758	4,052,879.9	0.46	0.66
2020	279	328	5,594,033	4,015,956.5	0.50	0.69
2021	273	324	5,245,449	3,770,137.2	0.52	0.72
2022 ²	83	98	4,026,680	1,493,061.3	0.21	0.56
<i>26-44 years</i>						
2016 ²	531	646	12,250,443	7,059,706.1	0.43	0.75
2017	811	960	13,238,996	9,536,413.0	0.61	0.85
2018	1,113	1,313	13,314,021	9,622,997.1	0.84	1.16
2019	1,231	1,502	13,475,265	9,733,351.7	0.91	1.26
2020	1,357	1,611	13,124,417	9,739,549.9	1.03	1.39
2021	1,410	1,733	12,587,109	9,291,267.6	1.12	1.52
2022 ²	548	636	9,641,839	3,574,154.6	0.57	1.53
<i>45-64 years</i>						
2016 ²	2,224	2,592	12,718,241	7,933,113.3	1.75	2.80
2017	3,046	3,605	13,461,661	10,615,321.1	2.26	2.87
2018	3,858	4,664	13,408,318	10,641,520.8	2.88	3.63
2019	4,735	5,851	13,609,587	10,736,340.2	3.48	4.41
2020	4,922	6,179	13,288,354	10,723,831.2	3.70	4.59
2021	4,982	6,249	12,739,914	10,275,047.2	3.91	4.85
2022 ²	1,988	2,415	10,250,603	3,990,825.1	1.94	4.98

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Cannabis Use with Psychotic Disorder</i>						
<i>18-25 years</i>						
2016 ²	130	147	5,338,640	3,003,473.8	0.24	0.43
2017	195	219	5,750,481	4,012,606.7	0.34	0.49
2018	203	226	5,726,981	4,011,793.5	0.35	0.51
2019	212	231	5,789,758	4,052,879.9	0.37	0.52
2020	246	275	5,594,033	4,015,956.5	0.44	0.61
2021	224	269	5,245,449	3,770,137.2	0.43	0.59
2022 ²	74	86	4,026,680	1,493,061.3	0.18	0.50
<i>26-44 years</i>						
2016 ²	48	49	12,250,443	7,059,706.1	0.04	0.07
2017	77	83	13,238,996	9,536,413.0	0.06	0.08
2018	72	79	13,314,021	9,622,997.1	0.05	0.07
2019	83	90	13,475,265	9,733,351.7	0.06	0.09
2020	83	88	13,124,417	9,739,549.9	0.06	0.09
2021	126	136	12,587,109	9,291,267.6	0.10	0.14
2022 ²	45	57	9,641,839	3,574,154.6	0.05	0.13
<i>45-64 years</i>						
2016 ²	21	21	12,718,241	7,933,113.3	0.02	0.03
2017	29	30	13,461,661	10,615,321.1	0.02	0.03
2018	27	29	13,408,318	10,641,520.8	0.02	0.03
2019	40	43	13,609,587	10,736,340.2	0.03	0.04
2020	51	58	13,288,354	10,723,831.2	0.04	0.05
2021	45	47	12,739,914	10,275,047.2	0.04	0.04
2022 ²	17	17	10,250,603	3,990,825.1	0.02	0.04

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Cocaine Use with Psychotic Disorder</i>						
<i>18-25 years</i>						
2016 ²	35	38	5,338,640	3,003,473.8	0.07	0.12
2017	35	37	5,750,481	4,012,606.7	0.06	0.09
2018	47	49	5,726,981	4,011,793.5	0.08	0.12
2019	31	31	5,789,758	4,052,879.9	0.05	0.08
2020	23	25	5,594,033	4,015,956.5	0.04	0.06
2021	27	37	5,245,449	3,770,137.2	0.05	0.07
2022 ²	5	5	4,026,680	1,493,061.3	0.01	0.03
<i>26-44 years</i>						
2016 ²	25	26	12,250,443	7,059,706.1	0.02	0.04
2017	33	40	13,238,996	9,536,413.0	0.02	0.03
2018	41	46	13,314,021	9,622,997.1	0.03	0.04
2019	39	46	13,475,265	9,733,351.7	0.03	0.04
2020	44	48	13,124,417	9,739,549.9	0.03	0.05
2021	38	40	12,587,109	9,291,267.6	0.03	0.04
2022 ²	9	9	9,641,839	3,574,154.6	0.01	0.03
<i>45-64 years</i>						
2016 ²	31	37	12,718,241	7,933,113.3	0.02	0.04
2017	37	39	13,461,661	10,615,321.1	0.03	0.03
2018	40	48	13,408,318	10,641,520.8	0.03	0.04
2019	35	38	13,609,587	10,736,340.2	0.03	0.03
2020	41	48	13,288,354	10,723,831.2	0.03	0.04
2021	46	52	12,739,914	10,275,047.2	0.04	0.04
2022 ²	13	17	10,250,603	3,990,825.1	0.01	0.03

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Alcohol Use with Psychotic Disorder</i>						
<i>18-25 years</i>						
2016 ²	186	224	5,338,640	3,003,473.8	0.35	0.62
2017	218	241	5,750,481	4,012,606.7	0.38	0.54
2018	247	288	5,726,981	4,011,793.5	0.43	0.62
2019	190	224	5,789,758	4,052,879.9	0.33	0.47
2020	187	243	5,594,033	4,015,956.5	0.33	0.47
2021	176	262	5,245,449	3,770,137.2	0.34	0.47
2022 ²	70	79	4,026,680	1,493,061.3	0.17	0.47
<i>26-44 years</i>						
2016 ²	870	1,165	12,250,443	7,059,706.1	0.71	1.23
2017	1,176	1,640	13,238,996	9,536,413.0	0.89	1.23
2018	1,245	1,730	13,314,021	9,622,997.1	0.94	1.29
2019	1,244	1,802	13,475,265	9,733,351.7	0.92	1.28
2020	1,397	2,026	13,124,417	9,739,549.9	1.06	1.43
2021	1,387	2,081	12,587,109	9,291,267.6	1.10	1.49
2022 ²	502	718	9,641,839	3,574,154.6	0.52	1.40
<i>45-64 years</i>						
2016 ²	2,479	3,548	12,718,241	7,933,113.3	1.95	3.12
2017	3,269	4,787	13,461,661	10,615,321.1	2.43	3.08
2018	3,204	4,637	13,408,318	10,641,520.8	2.39	3.01
2019	3,173	4,486	13,609,587	10,736,340.2	2.33	2.96
2020	3,470	5,078	13,288,354	10,723,831.2	2.61	3.24
2021	3,300	4,794	12,739,914	10,275,047.2	2.59	3.21
2022 ²	1,214	1,649	10,250,603	3,990,825.1	1.18	3.04

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Cannabis Use Disorder (DSM-5 Definition)</i>						
<i>18-25 years</i>						
2016 ²	4,860	6,010	5,338,640	3,003,473.8	9.10	16.18
2017	6,636	8,491	5,750,481	4,012,606.7	11.54	16.54
2018	6,322	8,069	5,726,981	4,011,793.5	11.04	15.76
2019	6,201	8,168	5,789,758	4,052,879.9	10.71	15.30
2020	6,234	8,699	5,594,033	4,015,956.5	11.14	15.52
2021	5,839	7,943	5,245,449	3,770,137.2	11.13	15.49
2022 ²	1,916	2,325	4,026,680	1,493,061.3	4.76	12.83
<i>26-44 years</i>						
2016 ²	2,703	3,166	12,250,443	7,059,706.1	2.21	3.83
2017	3,795	4,520	13,238,996	9,536,413.0	2.87	3.98
2018	4,236	5,119	13,314,021	9,622,997.1	3.18	4.40
2019	4,539	5,446	13,475,265	9,733,351.7	3.37	4.66
2020	4,972	6,411	13,124,417	9,739,549.9	3.79	5.10
2021	5,179	6,527	12,587,109	9,291,267.6	4.11	5.57
2022 ²	1,859	2,184	9,641,839	3,574,154.6	1.93	5.20
<i>45-64 years</i>						
2016 ²	2,050	2,396	12,718,241	7,933,113.3	1.61	2.58
2017	2,777	3,269	13,461,661	10,615,321.1	2.06	2.62
2018	3,134	3,737	13,408,318	10,641,520.8	2.34	2.95
2019	3,728	4,434	13,609,587	10,736,340.2	2.74	3.47
2020	3,831	4,612	13,288,354	10,723,831.2	2.88	3.57
2021	4,132	4,972	12,739,914	10,275,047.2	3.24	4.02
2022 ²	1,648	1,951	10,250,603	3,990,825.1	1.61	4.13

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Cocaine Use Disorder (DSM-5 Definition)</i>						
<i>18-25 years</i>						
2016 ²	1,554	2,119	5,338,640	3,003,473.8	2.91	5.17
2017	2,134	3,050	5,750,481	4,012,606.7	3.71	5.32
2018	1,840	2,625	5,726,981	4,011,793.5	3.21	4.59
2019	1,613	2,394	5,789,758	4,052,879.9	2.79	3.98
2020	1,402	2,323	5,594,033	4,015,956.5	2.51	3.49
2021	1,253	1,973	5,245,449	3,770,137.2	2.39	3.32
2022 ²	402	542	4,026,680	1,493,061.3	1.00	2.69
<i>26-44 years</i>						
2016 ²	1,133	1,457	12,250,443	7,059,706.1	0.92	1.60
2017	1,606	2,103	13,238,996	9,536,413.0	1.21	1.68
2018	1,709	2,225	13,314,021	9,622,997.1	1.28	1.78
2019	1,803	2,482	13,475,265	9,733,351.7	1.34	1.85
2020	1,806	2,666	13,124,417	9,739,549.9	1.38	1.85
2021	1,796	2,564	12,587,109	9,291,267.6	1.43	1.93
2022 ²	690	938	9,641,839	3,574,154.6	0.72	1.93
<i>45-64 years</i>						
2016 ²	1,409	1,871	12,718,241	7,933,113.3	1.11	1.78
2017	1,969	2,771	13,461,661	10,615,321.1	1.46	1.85
2018	2,095	2,894	13,408,318	10,641,520.8	1.56	1.97
2019	2,620	3,748	13,609,587	10,736,340.2	1.93	2.44
2020	2,687	3,950	13,288,354	10,723,831.2	2.02	2.51
2021	3,006	4,391	12,739,914	10,275,047.2	2.36	2.93
2022 ²	1,285	1,749	10,250,603	3,990,825.1	1.25	3.22

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Alcohol Use Disorder (DSM-5 Definition)</i>						
<i>18-25 years</i>						
2016 ²	3,903	5,491	5,338,640	3,003,473.8	7.31	12.99
2017	5,149	7,477	5,750,481	4,012,606.7	8.95	12.83
2018	4,733	6,599	5,726,981	4,011,793.5	8.26	11.80
2019	4,509	6,659	5,789,758	4,052,879.9	7.79	11.13
2020	4,524	7,072	5,594,033	4,015,956.5	8.09	11.27
2021	4,246	6,636	5,245,449	3,770,137.2	8.09	11.26
2022 ²	1,397	1,882	4,026,680	1,493,061.3	3.47	9.36
<i>26-44 years</i>						
2016 ²	8,478	11,800	12,250,443	7,059,706.1	6.92	12.01
2017	11,236	16,181	13,238,996	9,536,413.0	8.49	11.78
2018	12,072	17,245	13,314,021	9,622,997.1	9.07	12.54
2019	13,051	19,552	13,475,265	9,733,351.7	9.69	13.41
2020	13,679	21,210	13,124,417	9,739,549.9	10.42	14.04
2021	13,769	21,233	12,587,109	9,291,267.6	10.94	14.82
2022 ²	4,988	6,972	9,641,839	3,574,154.6	5.17	13.96
<i>45-64 years</i>						
2016 ²	20,712	29,065	12,718,241	7,933,113.3	16.29	26.11
2017	26,542	38,494	13,461,661	10,615,321.1	19.72	25.00
2018	27,999	41,324	13,408,318	10,641,520.8	20.88	26.31
2019	30,381	45,631	13,609,587	10,736,340.2	22.32	28.30
2020	30,807	47,441	13,288,354	10,723,831.2	23.18	28.73
2021	30,893	47,915	12,739,914	10,275,047.2	24.25	30.07
2022 ²	11,877	16,309	10,250,603	3,990,825.1	11.59	29.76

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
Non-Acute Institutional Stay Care Setting						
<i>Any Cannabis-Related Disorder</i>						
<i>18-25 years</i>						
2016 ²	3,824	4,828	5,338,640	3,003,473.8	7.16	12.73
2017	5,134	6,491	5,750,481	4,012,606.7	8.93	12.79
2018	5,284	6,949	5,726,981	4,011,793.5	9.23	13.17
2019	5,231	6,961	5,789,758	4,052,879.9	9.03	12.91
2020	5,105	6,800	5,594,033	4,015,956.5	9.13	12.71
2021	5,065	6,590	5,245,449	3,770,137.2	9.66	13.43
2022 ²	2,314	2,764	4,026,680	1,493,061.3	5.75	15.50
<i>26-44 years</i>						
2016 ²	1,791	2,056	12,250,443	7,059,706.1	1.46	2.54
2017	2,468	2,900	13,238,996	9,536,413.0	1.86	2.59
2018	2,803	3,379	13,314,021	9,622,997.1	2.11	2.91
2019	3,384	4,184	13,475,265	9,733,351.7	2.51	3.48
2020	4,009	4,985	13,124,417	9,739,549.9	3.05	4.12
2021	4,907	6,233	12,587,109	9,291,267.6	3.90	5.28
2022 ²	2,206	2,589	9,641,839	3,574,154.6	2.29	6.17
<i>45-64 years</i>						
2016 ²	1,214	1,359	12,718,241	7,933,113.3	0.95	1.53
2017	1,791	2,281	13,461,661	10,615,321.1	1.33	1.69
2018	2,059	2,603	13,408,318	10,641,520.8	1.54	1.93
2019	2,503	3,091	13,609,587	10,736,340.2	1.84	2.33
2020	2,946	3,581	13,288,354	10,723,831.2	2.22	2.75
2021	3,575	4,431	12,739,914	10,275,047.2	2.81	3.48
2022 ²	1,607	1,857	10,250,603	3,990,825.1	1.57	4.03

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Any Cocaine-Related Disorder</i>						
<i>18-25 years</i>						
2016 ²	1,286	1,715	5,338,640	3,003,473.8	2.41	4.28
2017	1,872	2,608	5,750,481	4,012,606.7	3.26	4.67
2018	1,782	2,718	5,726,981	4,011,793.5	3.11	4.44
2019	1,533	2,414	5,789,758	4,052,879.9	2.65	3.78
2020	1,217	2,003	5,594,033	4,015,956.5	2.18	3.03
2021	1,015	1,441	5,245,449	3,770,137.2	1.94	2.69
2022 ²	495	633	4,026,680	1,493,061.3	1.23	3.32
<i>26-44 years</i>						
2016 ²	917	1,154	12,250,443	7,059,706.1	0.75	1.30
2017	1,244	1,634	13,238,996	9,536,413.0	0.94	1.30
2018	1,399	1,801	13,314,021	9,622,997.1	1.05	1.45
2019	1,394	1,889	13,475,265	9,733,351.7	1.03	1.43
2020	1,418	1,926	13,124,417	9,739,549.9	1.08	1.46
2021	1,741	2,420	12,587,109	9,291,267.6	1.38	1.87
2022 ²	821	1,057	9,641,839	3,574,154.6	0.85	2.30
<i>45-64 years</i>						
2016 ²	928	1,209	12,718,241	7,933,113.3	0.73	1.17
2017	1,338	1,731	13,461,661	10,615,321.1	0.99	1.26
2018	1,514	1,974	13,408,318	10,641,520.8	1.13	1.42
2019	1,718	2,283	13,609,587	10,736,340.2	1.26	1.60
2020	1,851	2,547	13,288,354	10,723,831.2	1.39	1.73
2021	2,139	2,988	12,739,914	10,275,047.2	1.68	2.08
2022 ²	941	1,154	10,250,603	3,990,825.1	0.92	2.36

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Any Alcohol-Related Disorder</i>						
<i>18-25 years</i>						
2016 ²	3,138	4,271	5,338,640	3,003,473.8	5.88	10.45
2017	4,110	5,617	5,750,481	4,012,606.7	7.15	10.24
2018	4,032	5,883	5,726,981	4,011,793.5	7.04	10.05
2019	3,884	5,717	5,789,758	4,052,879.9	6.71	9.58
2020	3,493	5,181	5,594,033	4,015,956.5	6.24	8.70
2021	3,312	4,650	5,245,449	3,770,137.2	6.31	8.78
2022 ²	1,587	2,044	4,026,680	1,493,061.3	3.94	10.63
<i>26-44 years</i>						
2016 ²	4,388	5,797	12,250,443	7,059,706.1	3.58	6.22
2017	5,817	7,605	13,238,996	9,536,413.0	4.39	6.10
2018	6,261	8,240	13,314,021	9,622,997.1	4.70	6.51
2019	6,924	9,312	13,475,265	9,733,351.7	5.14	7.11
2020	7,264	9,898	13,124,417	9,739,549.9	5.53	7.46
2021	7,889	10,909	12,587,109	9,291,267.6	6.27	8.49
2022 ²	3,817	4,851	9,641,839	3,574,154.6	3.96	10.68
<i>45-64 years</i>						
2016 ²	6,666	8,834	12,718,241	7,933,113.3	5.24	8.40
2017	8,635	11,590	13,461,661	10,615,321.1	6.41	8.13
2018	9,278	12,527	13,408,318	10,641,520.8	6.92	8.72
2019	10,356	14,463	13,609,587	10,736,340.2	7.61	9.65
2020	10,462	14,849	13,288,354	10,723,831.2	7.87	9.76
2021	11,394	16,016	12,739,914	10,275,047.2	8.94	11.09
2022 ²	5,293	6,748	10,250,603	3,990,825.1	5.16	13.26

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Cannabis Use Remission</i>						
<i>18-25 years</i>						
2016 ²	53	53	5,338,640	3,003,473.8	0.10	0.18
2017	83	94	5,750,481	4,012,606.7	0.14	0.21
2018	139	155	5,726,981	4,011,793.5	0.24	0.35
2019	147	164	5,789,758	4,052,879.9	0.25	0.36
2020	135	148	5,594,033	4,015,956.5	0.24	0.34
2021	120	131	5,245,449	3,770,137.2	0.23	0.32
2022 ²	40	42	4,026,680	1,493,061.3	0.10	0.27
<i>26-44 years</i>						
2016 ²	37	40	12,250,443	7,059,706.1	0.03	0.05
2017	39	39	13,238,996	9,536,413.0	0.03	0.04
2018	92	104	13,314,021	9,622,997.1	0.07	0.10
2019	115	129	13,475,265	9,733,351.7	0.09	0.12
2020	130	140	13,124,417	9,739,549.9	0.10	0.13
2021	164	182	12,587,109	9,291,267.6	0.13	0.18
2022 ²	71	79	9,641,839	3,574,154.6	0.07	0.20
<i>45-64 years</i>						
2016 ²	22	23	12,718,241	7,933,113.3	0.02	0.03
2017	44	48	13,461,661	10,615,321.1	0.03	0.04
2018	65	66	13,408,318	10,641,520.8	0.05	0.06
2019	88	98	13,609,587	10,736,340.2	0.06	0.08
2020	102	110	13,288,354	10,723,831.2	0.08	0.10
2021	120	131	12,739,914	10,275,047.2	0.09	0.12
2022 ²	51	52	10,250,603	3,990,825.1	0.05	0.13

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Cocaine Use Remission</i>						
<i>18-25 years</i>						
2016 ²	24	26	5,338,640	3,003,473.8	0.04	0.08
2017	50	53	5,750,481	4,012,606.7	0.09	0.12
2018	69	73	5,726,981	4,011,793.5	0.12	0.17
2019	87	97	5,789,758	4,052,879.9	0.15	0.21
2020	114	126	5,594,033	4,015,956.5	0.20	0.28
2021	84	96	5,245,449	3,770,137.2	0.16	0.22
2022 ²	26	29	4,026,680	1,493,061.3	0.06	0.17
<i>26-44 years</i>						
2016 ²	31	31	12,250,443	7,059,706.1	0.03	0.04
2017	41	43	13,238,996	9,536,413.0	0.03	0.04
2018	74	81	13,314,021	9,622,997.1	0.06	0.08
2019	106	111	13,475,265	9,733,351.7	0.08	0.11
2020	130	141	13,124,417	9,739,549.9	0.10	0.13
2021	145	160	12,587,109	9,291,267.6	0.12	0.16
2022 ²	63	74	9,641,839	3,574,154.6	0.07	0.18
<i>45-64 years</i>						
2016 ²	49	51	12,718,241	7,933,113.3	0.04	0.06
2017	73	75	13,461,661	10,615,321.1	0.05	0.07
2018	117	130	13,408,318	10,641,520.8	0.09	0.11
2019	176	200	13,609,587	10,736,340.2	0.13	0.16
2020	216	240	13,288,354	10,723,831.2	0.16	0.20
2021	225	255	12,739,914	10,275,047.2	0.18	0.22
2022 ²	95	101	10,250,603	3,990,825.1	0.09	0.24

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Alcohol Use Remission</i>						
<i>18-25 years</i>						
2016 ²	62	63	5,338,640	3,003,473.8	0.12	0.21
2017	88	98	5,750,481	4,012,606.7	0.15	0.22
2018	163	189	5,726,981	4,011,793.5	0.28	0.41
2019	165	195	5,789,758	4,052,879.9	0.28	0.41
2020	147	165	5,594,033	4,015,956.5	0.26	0.37
2021	160	177	5,245,449	3,770,137.2	0.31	0.42
2022 ²	65	72	4,026,680	1,493,061.3	0.16	0.44
<i>26-44 years</i>						
2016 ²	139	146	12,250,443	7,059,706.1	0.11	0.20
2017	184	210	13,238,996	9,536,413.0	0.14	0.19
2018	254	267	13,314,021	9,622,997.1	0.19	0.26
2019	371	402	13,475,265	9,733,351.7	0.28	0.38
2020	349	398	13,124,417	9,739,549.9	0.27	0.36
2021	415	460	12,587,109	9,291,267.6	0.33	0.45
2022 ²	204	223	9,641,839	3,574,154.6	0.21	0.57
<i>45-64 years</i>						
2016 ²	299	322	12,718,241	7,933,113.3	0.24	0.38
2017	447	492	13,461,661	10,615,321.1	0.33	0.42
2018	625	698	13,408,318	10,641,520.8	0.47	0.59
2019	770	930	13,609,587	10,736,340.2	0.57	0.72
2020	774	858	13,288,354	10,723,831.2	0.58	0.72
2021	882	1,011	12,739,914	10,275,047.2	0.69	0.86
2022 ²	333	361	10,250,603	3,990,825.1	0.32	0.83

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Cannabis Use with Psychotic Disorder</i>						
<i>18-25 years</i>						
2016 ²	80	85	5,338,640	3,003,473.8	0.15	0.27
2017	125	142	5,750,481	4,012,606.7	0.22	0.31
2018	140	150	5,726,981	4,011,793.5	0.24	0.35
2019	126	135	5,789,758	4,052,879.9	0.22	0.31
2020	165	179	5,594,033	4,015,956.5	0.29	0.41
2021	152	162	5,245,449	3,770,137.2	0.29	0.40
2022 ²	71	79	4,026,680	1,493,061.3	0.18	0.48
<i>26-44 years</i>						
2016 ²	26	27	12,250,443	7,059,706.1	0.02	0.04
2017	27	27	13,238,996	9,536,413.0	0.02	0.03
2018	44	45	13,314,021	9,622,997.1	0.03	0.05
2019	56	59	13,475,265	9,733,351.7	0.04	0.06
2020	87	97	13,124,417	9,739,549.9	0.07	0.09
2021	104	111	12,587,109	9,291,267.6	0.08	0.11
2022 ²	31	31	9,641,839	3,574,154.6	0.03	0.09
<i>45-64 years</i>						
2016 ²	12	12	12,718,241	7,933,113.3	0.01	0.02
2017	22	24	13,461,661	10,615,321.1	0.02	0.02
2018	36	36	13,408,318	10,641,520.8	0.03	0.03
2019	26	28	13,609,587	10,736,340.2	0.02	0.02
2020	63	65	13,288,354	10,723,831.2	0.05	0.06
2021	63	67	12,739,914	10,275,047.2	0.05	0.06
2022 ²	22	22	10,250,603	3,990,825.1	0.02	0.06

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Cocaine Use with Psychotic Disorder</i>						
<i>18-25 years</i>						
2016 ²	18	19	5,338,640	3,003,473.8	0.03	0.06
2017	29	33	5,750,481	4,012,606.7	0.05	0.07
2018	24	28	5,726,981	4,011,793.5	0.04	0.06
2019	17	18	5,789,758	4,052,879.9	0.03	0.04
2020	11	12	5,594,033	4,015,956.5	0.02	0.03
2021	10	10	5,245,449	3,770,137.2	0.02	0.03
2022 ²	4	4	4,026,680	1,493,061.3	0.01	0.03
<i>26-44 years</i>						
2016 ²	19	23	12,250,443	7,059,706.1	0.02	0.03
2017	17	18	13,238,996	9,536,413.0	0.01	0.02
2018	11	12	13,314,021	9,622,997.1	0.01	0.01
2019	24	26	13,475,265	9,733,351.7	0.02	0.02
2020	37	41	13,124,417	9,739,549.9	0.03	0.04
2021	41	52	12,587,109	9,291,267.6	0.03	0.04
2022 ²	20	21	9,641,839	3,574,154.6	0.02	0.06
<i>45-64 years</i>						
2016 ²	22	23	12,718,241	7,933,113.3	0.02	0.03
2017	24	24	13,461,661	10,615,321.1	0.02	0.02
2018	33	35	13,408,318	10,641,520.8	0.02	0.03
2019	42	45	13,609,587	10,736,340.2	0.03	0.04
2020	43	48	13,288,354	10,723,831.2	0.03	0.04
2021	56	70	12,739,914	10,275,047.2	0.04	0.05
2022 ²	22	22	10,250,603	3,990,825.1	0.02	0.06

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Alcohol Use with Psychotic Disorder</i>						
<i>18-25 years</i>						
2016 ²	44	45	5,338,640	3,003,473.8	0.08	0.15
2017	49	51	5,750,481	4,012,606.7	0.09	0.12
2018	39	40	5,726,981	4,011,793.5	0.07	0.10
2019	37	40	5,789,758	4,052,879.9	0.06	0.09
2020	37	39	5,594,033	4,015,956.5	0.07	0.09
2021	39	40	5,245,449	3,770,137.2	0.07	0.10
2022 ²	16	19	4,026,680	1,493,061.3	0.04	0.11
<i>26-44 years</i>						
2016 ²	105	113	12,250,443	7,059,706.1	0.09	0.15
2017	147	157	13,238,996	9,536,413.0	0.11	0.15
2018	134	144	13,314,021	9,622,997.1	0.10	0.14
2019	141	163	13,475,265	9,733,351.7	0.10	0.14
2020	200	211	13,124,417	9,739,549.9	0.15	0.21
2021	189	206	12,587,109	9,291,267.6	0.15	0.20
2022 ²	83	87	9,641,839	3,574,154.6	0.09	0.23
<i>45-64 years</i>						
2016 ²	420	482	12,718,241	7,933,113.3	0.33	0.53
2017	575	663	13,461,661	10,615,321.1	0.43	0.54
2018	548	644	13,408,318	10,641,520.8	0.41	0.51
2019	594	681	13,609,587	10,736,340.2	0.44	0.55
2020	691	806	13,288,354	10,723,831.2	0.52	0.64
2021	719	825	12,739,914	10,275,047.2	0.56	0.70
2022 ²	298	321	10,250,603	3,990,825.1	0.29	0.75

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Cannabis Use Disorder (DSM-5 Definition)</i>						
<i>18-25 years</i>						
2016 ²	3,210	4,039	5,338,640	3,003,473.8	6.01	10.69
2017	4,362	5,458	5,750,481	4,012,606.7	7.59	10.87
2018	4,446	5,895	5,726,981	4,011,793.5	7.76	11.08
2019	4,423	5,940	5,789,758	4,052,879.9	7.64	10.91
2020	4,236	5,657	5,594,033	4,015,956.5	7.57	10.55
2021	4,140	5,383	5,245,449	3,770,137.2	7.89	10.98
2022 ²	1,897	2,265	4,026,680	1,493,061.3	4.71	12.71
<i>26-44 years</i>						
2016 ²	1,434	1,639	12,250,443	7,059,706.1	1.17	2.03
2017	2,021	2,355	13,238,996	9,536,413.0	1.53	2.12
2018	2,351	2,812	13,314,021	9,622,997.1	1.77	2.44
2019	2,830	3,460	13,475,265	9,733,351.7	2.10	2.91
2020	3,306	4,068	13,124,417	9,739,549.9	2.52	3.39
2021	3,942	4,941	12,587,109	9,291,267.6	3.13	4.24
2022 ²	1,807	2,095	9,641,839	3,574,154.6	1.87	5.06
<i>45-64 years</i>						
2016 ²	917	1,012	12,718,241	7,933,113.3	0.72	1.16
2017	1,372	1,774	13,461,661	10,615,321.1	1.02	1.29
2018	1,604	2,048	13,408,318	10,641,520.8	1.20	1.51
2019	1,939	2,401	13,609,587	10,736,340.2	1.42	1.81
2020	2,287	2,727	13,288,354	10,723,831.2	1.72	2.13
2021	2,657	3,229	12,739,914	10,275,047.2	2.09	2.59
2022 ²	1,165	1,324	10,250,603	3,990,825.1	1.14	2.92

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Cocaine Use Disorder (DSM-5 Definition)</i>						
<i>18-25 years</i>						
2016 ²	1,153	1,533	5,338,640	3,003,473.8	2.16	3.84
2017	1,698	2,385	5,750,481	4,012,606.7	2.95	4.23
2018	1,656	2,557	5,726,981	4,011,793.5	2.89	4.13
2019	1,396	2,229	5,789,758	4,052,879.9	2.41	3.44
2020	1,125	1,868	5,594,033	4,015,956.5	2.01	2.80
2021	925	1,322	5,245,449	3,770,137.2	1.76	2.45
2022 ²	450	577	4,026,680	1,493,061.3	1.12	3.01
<i>26-44 years</i>						
2016 ²	824	1,028	12,250,443	7,059,706.1	0.67	1.17
2017	1,130	1,468	13,238,996	9,536,413.0	0.85	1.18
2018	1,286	1,648	13,314,021	9,622,997.1	0.97	1.34
2019	1,266	1,705	13,475,265	9,733,351.7	0.94	1.30
2020	1,290	1,721	13,124,417	9,739,549.9	0.98	1.32
2021	1,561	2,117	12,587,109	9,291,267.6	1.24	1.68
2022 ²	735	940	9,641,839	3,574,154.6	0.76	2.06
<i>45-64 years</i>						
2016 ²	803	1,021	12,718,241	7,933,113.3	0.63	1.01
2017	1,177	1,494	13,461,661	10,615,321.1	0.87	1.11
2018	1,334	1,704	13,408,318	10,641,520.8	0.99	1.25
2019	1,530	2,012	13,609,587	10,736,340.2	1.12	1.43
2020	1,644	2,229	13,288,354	10,723,831.2	1.24	1.53
2021	1,863	2,567	12,739,914	10,275,047.2	1.46	1.81
2022 ²	827	1,006	10,250,603	3,990,825.1	0.81	2.07

Table 5. Summary of Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022, by Age Group and Year

	Number of Patients	Number of Encounters	Number of Eligible Members ¹	Total Eligible Member-Years ¹	Number of Patients per 10,000 Eligible Members ¹	Number of Patients per 10,000 Eligible Member-Years ¹
<i>Alcohol Use Disorder (DSM-5 Definition)</i>						
<i>18-25 years</i>						
2016 ²	2,763	3,704	5,338,640	3,003,473.8	5.18	9.20
2017	3,755	5,084	5,750,481	4,012,606.7	6.53	9.36
2018	3,681	5,365	5,726,981	4,011,793.5	6.43	9.18
2019	3,557	5,244	5,789,758	4,052,879.9	6.14	8.78
2020	3,207	4,771	5,594,033	4,015,956.5	5.73	7.99
2021	3,057	4,274	5,245,449	3,770,137.2	5.83	8.11
2022 ²	1,450	1,876	4,026,680	1,493,061.3	3.60	9.71
<i>26-44 years</i>						
2016 ²	3,706	4,795	12,250,443	7,059,706.1	3.03	5.25
2017	5,120	6,539	13,238,996	9,536,413.0	3.87	5.37
2018	5,582	7,201	13,314,021	9,622,997.1	4.19	5.80
2019	6,237	8,273	13,475,265	9,733,351.7	4.63	6.41
2020	6,567	8,696	13,124,417	9,739,549.9	5.00	6.74
2021	7,142	9,642	12,587,109	9,291,267.6	5.67	7.69
2022 ²	3,464	4,356	9,641,839	3,574,154.6	3.59	9.69
<i>45-64 years</i>						
2016 ²	5,428	6,886	12,718,241	7,933,113.3	4.27	6.84
2017	7,174	9,214	13,461,661	10,615,321.1	5.33	6.76
2018	7,866	10,177	13,408,318	10,641,520.8	5.87	7.39
2019	8,929	11,975	13,609,587	10,736,340.2	6.56	8.32
2020	8,967	12,218	13,288,354	10,723,831.2	6.75	8.36
2021	9,783	13,264	12,739,914	10,275,047.2	7.68	9.52
2022 ²	4,470	5,569	10,250,603	3,990,825.1	4.36	11.20

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

²Partial year of data.

Table 6a. Most Frequent Diagnoses Among Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

ICD-10 Code Category and Care Setting ¹	Code			Code Description	Code Count	Patient	
	Code	Category	Code Type			Count	Rank
Cannabis-related disorders, in any care setting	F12.90	Diagnosis	ICD-10-CM	Cannabis use, unspecified, uncomplicated	602,395	300,929	1
Cannabis-related disorders, in any care setting	F12.10	Diagnosis	ICD-10-CM	Cannabis abuse, uncomplicated	997,826	255,532	2
Cannabis-related disorders, in any care setting	F12.20	Diagnosis	ICD-10-CM	Cannabis dependence, uncomplicated	2,288,498	192,459	3
Cannabis-related disorders, in any care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	414,308	138,894	4
Cannabis-related disorders, in any care setting	F17.210	Diagnosis	ICD-10-CM	Nicotine dependence, cigarettes,	275,791	122,398	5
Cannabis-related disorders, in any care setting	I10	Diagnosis	ICD-10-CM	Essential (primary) hypertension	276,748	106,212	6
Cannabis-related disorders, in any care setting	F41.1	Diagnosis	ICD-10-CM	Generalized anxiety disorder	605,644	90,684	7
Cannabis-related disorders, in any care setting	Z79.899	Diagnosis	ICD-10-CM	Other long term (current) drug therapy	188,425	90,045	8
Cannabis-related disorders, in any care setting	F32.9	Diagnosis	ICD-10-CM	Major depressive disorder, single episode, unspecified	238,581	85,178	9
Cannabis-related disorders, in any care setting	F10.20	Diagnosis	ICD-10-CM	Alcohol dependence, uncomplicated	977,004	77,116	10
Cannabis remission, in any care setting	F12.21	Diagnosis	ICD-10-CM	Cannabis dependence, in remission	138,199	20,588	1
Cannabis remission, in any care setting	F12.11	Diagnosis	ICD-10-CM	Cannabis abuse, in remission	53,216	12,699	2
Cannabis remission, in any care setting	F41.1	Diagnosis	ICD-10-CM	Generalized anxiety disorder	38,753	6,364	3
Cannabis remission, in any care setting	F10.21	Diagnosis	ICD-10-CM	Alcohol dependence, in remission	39,269	6,242	4
Cannabis remission, in any care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	17,297	5,178	5
Cannabis remission, in any care setting	F10.20	Diagnosis	ICD-10-CM	Alcohol dependence, uncomplicated	28,459	3,354	6
Cannabis remission, in any care setting	Z79.899	Diagnosis	ICD-10-CM	Encounter for immunization	7,141	3,252	7
Cannabis remission, in any care setting	F33.1	Diagnosis	ICD-10-CM	Major depressive disorder, recurrent, moderate	16,217	2,931	8
Cannabis remission, in any care setting	F32.9	Diagnosis	ICD-10-CM	Major depressive disorder, single episode, unspecified	7,116	2,114	9
Cannabis remission, in any care setting	I10	Diagnosis	ICD-10-CM	Essential (primary) hypertension	5,487	1,958	10
Cannabis use with psychotic disorder, in any care setting	F29	Diagnosis	ICD-10-CM	Unspecified psychosis not due to a substance or known physiological condition	3,991	2,141	1
Cannabis use with psychotic disorder, in any care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	3,325	1,761	2
Cannabis use with psychotic disorder, in any care setting	F12.159	Diagnosis	ICD-10-CM	Cannabis abuse with psychotic disorder, unspecified	4,064	1,546	3
Cannabis use with psychotic disorder, in any care setting	F12.259	Diagnosis	ICD-10-CM	Cannabis dependence with psychotic disorder, unspecified	5,647	1,409	4
Cannabis use with psychotic disorder, in any care setting	F12.959	Diagnosis	ICD-10-CM	Cannabis use, unspecified with psychotic disorder, unspecified	3,599	1,321	5

Table 6a. Most Frequent Diagnoses Among Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

ICD-10 Code Category and Care Setting ¹	Code			Code Description	Code Count	Patient	
	Code	Category	Code Type			Count	Rank
Cannabis use with psychotic disorder, in any care setting	F17.210	Diagnosis	ICD-10-CM	Nicotine dependence, cigarettes, uncomplicated	1,832	1,233	6
Cannabis use with psychotic disorder, in any care setting	R45.851	Diagnosis	ICD-10-CM	Suicidal ideations	1,950	1,208	7
Cannabis use with psychotic disorder, in any care setting	F12.20	Diagnosis	ICD-10-CM	Cannabis dependence, uncomplicated	3,220	1,123	8
Cannabis use with psychotic disorder, in any care setting	F12.10	Diagnosis	ICD-10-CM	Cannabis abuse, uncomplicated	1,452	1,029	9
Cannabis use with psychotic disorder, in any care setting	R41.82	Diagnosis	ICD-10-CM	Altered mental status, unspecified	1,090	655	10
Cannabis use disorders (DSM-5), in any care setting	F12.10	Diagnosis	ICD-10-CM	Cannabis abuse, uncomplicated	997,826	255,532	1
Cannabis use disorders (DSM-5), in any care setting	F12.20	Diagnosis	ICD-10-CM	Cannabis dependence, uncomplicated	2,288,498	192,459	2
Cannabis use disorders (DSM-5), in any care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	290,728	82,753	3
Cannabis use disorders (DSM-5), in any care setting	F10.20	Diagnosis	ICD-10-CM	Alcohol dependence, uncomplicated	973,157	72,727	4
Cannabis use disorders (DSM-5), in any care setting	F41.1	Diagnosis	ICD-10-CM	Generalized anxiety disorder	532,623	70,863	5
Cannabis use disorders (DSM-5), in any care setting	F17.210	Diagnosis	ICD-10-CM	Nicotine dependence, cigarettes, uncomplicated	162,681	69,844	6
Cannabis use disorders (DSM-5), in any care setting	F32.9	Diagnosis	ICD-10-CM	Major depressive disorder, single episode, unspecified	205,214	62,202	7
Cannabis use disorders (DSM-5), in any care setting	F10.10	Diagnosis	ICD-10-CM	Alcohol abuse, uncomplicated	193,005	40,801	8
Cannabis use disorders (DSM-5), in any care setting	R45.851	Diagnosis	ICD-10-CM	Suicidal ideations	74,267	38,106	9
Cannabis use disorders (DSM-5), in any care setting	Z79.899	Diagnosis	ICD-10-CM	Other long term (current) drug therapy	70,310	31,596	10
Cocaine-related disorders, in any care setting	F14.10	Diagnosis	ICD-10-CM	Cocaine abuse, uncomplicated	317,717	71,581	1
Cocaine-related disorders, in any care setting	F14.20	Diagnosis	ICD-10-CM	Cocaine dependence, uncomplicated	1,085,523	57,597	2
Cocaine-related disorders, in any care setting	F10.20	Diagnosis	ICD-10-CM	Alcohol dependence, uncomplicated	582,074	36,645	3
Cocaine-related disorders, in any care setting	F17.210	Diagnosis	ICD-10-CM	Nicotine dependence, cigarettes, uncomplicated	90,804	34,917	4
Cocaine-related disorders, in any care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	118,259	30,594	5
Cocaine-related disorders, in any care setting	F14.90	Diagnosis	ICD-10-CM	Cocaine use, unspecified, uncomplicated	60,901	28,244	6
Cocaine-related disorders, in any care setting	F32.9	Diagnosis	ICD-10-CM	Major depressive disorder, single episode, unspecified	97,193	25,389	7
Cocaine-related disorders, in any care setting	F12.20	Diagnosis	ICD-10-CM	Cannabis dependence, uncomplicated	390,757	25,182	8
Cocaine-related disorders, in any care setting	F11.20	Diagnosis	ICD-10-CM	Opioid dependence, uncomplicated	533,349	25,099	9
Cocaine-related disorders, in any care setting	I10	Diagnosis	ICD-10-CM	Essential (primary) hypertension	91,169	24,082	10

Table 6a. Most Frequent Diagnoses Among Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

ICD-10 Code Category and Care Setting ¹	Code			Code Description	Code Count	Patient	
	Code	Category	Code Type			Count	Rank
Cocaine remission, in any care setting	F14.21	Diagnosis	ICD-10-CM	Cocaine dependence, in remission	116,760	17,069	1
Cocaine remission, in any care setting	F14.11	Diagnosis	ICD-10-CM	Cocaine abuse, in remission	50,580	12,254	2
Cocaine remission, in any care setting	I10	Diagnosis	ICD-10-CM	Essential (primary) hypertension	18,019	6,834	3
Cocaine remission, in any care setting	F10.21	Diagnosis	ICD-10-CM	Alcohol dependence, in remission	34,328	5,844	4
Cocaine remission, in any care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	16,273	4,849	5
Cocaine remission, in any care setting	F17.210	Diagnosis	ICD-10-CM	Nicotine dependence, cigarettes, uncomplicated	10,517	4,433	6
Cocaine remission, in any care setting	F41.1	Diagnosis	ICD-10-CM	Generalized anxiety disorder	26,742	3,724	7
Cocaine remission, in any care setting	F10.20	Diagnosis	ICD-10-CM	Alcohol dependence, uncomplicated	30,227	3,366	8
Cocaine remission, in any care setting	E78.5	Diagnosis	ICD-10-CM	Hyperlipidemia, unspecified	7,006	2,832	9
Cocaine remission, in any care setting	Z79.899	Diagnosis	ICD-10-CM	Encounter for immunization	5,582	2,637	10
Cocaine use with psychotic disorder, in any care setting	F17.210	Diagnosis	ICD-10-CM	Nicotine dependence, cigarettes, uncomplicated	980	618	1
Cocaine use with psychotic disorder, in any care setting	I10	Diagnosis	ICD-10-CM	Essential (primary) hypertension	1,072	531	2
Cocaine use with psychotic disorder, in any care setting	F14.10	Diagnosis	ICD-10-CM	Cocaine abuse, uncomplicated	769	473	3
Cocaine use with psychotic disorder, in any care setting	F29	Diagnosis	ICD-10-CM	Unspecified psychosis not due to a substance or known physiological condition	657	408	4
Cocaine use with psychotic disorder, in any care setting	F14.159	Diagnosis	ICD-10-CM	Cocaine abuse with cocaine-induced psychotic disorder, unspecified	781	398	5
Cocaine use with psychotic disorder, in any care setting	F32.9	Diagnosis	ICD-10-CM	Major depressive disorder, single episode, unspecified	675	395	6
Cocaine use with psychotic disorder, in any care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	559	316	7
Cocaine use with psychotic disorder, in any care setting	F19.10	Diagnosis	ICD-10-CM	Other psychoactive substance abuse, uncomplicated	425	286	8
Cocaine use with psychotic disorder, in any care setting	R41.82	Diagnosis	ICD-10-CM	Altered mental status, unspecified	427	270	9
Cocaine use with psychotic disorder, in any care setting	F14.20	Diagnosis	ICD-10-CM	Cocaine dependence, uncomplicated	698	259	10
Cocaine use disorders (DSM-5), in any care setting	F14.10	Diagnosis	ICD-10-CM	Cocaine abuse, uncomplicated	317,717	71,581	1
Cocaine use disorders (DSM-5), in any care setting	F14.20	Diagnosis	ICD-10-CM	Cocaine dependence, uncomplicated	1,085,523	57,597	2
Cocaine use disorders (DSM-5), in any care setting	F10.20	Diagnosis	ICD-10-CM	Alcohol dependence, uncomplicated	627,842	40,458	3

Table 6a. Most Frequent Diagnoses Among Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

ICD-10 Code Category and Care Setting ¹	Code			Code Description	Code Count	Patient	
	Code	Category	Code Type			Count	Rank
Cocaine use disorders (DSM-5), in any care setting	F17.210	Diagnosis	ICD-10-CM	Nicotine dependence, cigarettes, uncomplicated	74,338	28,832	4
Cocaine use disorders (DSM-5), in any care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	105,551	25,700	5
Cocaine use disorders (DSM-5), in any care setting	F12.20	Diagnosis	ICD-10-CM	Cannabis dependence, uncomplicated	386,277	24,422	6
Cocaine use disorders (DSM-5), in any care setting	F11.20	Diagnosis	ICD-10-CM	Opioid dependence, uncomplicated	525,896	24,252	7
Cocaine use disorders (DSM-5), in any care setting	I10	Diagnosis	ICD-10-CM	Essential (primary) hypertension	76,514	20,670	8
Cocaine use disorders (DSM-5), in any care setting	F41.1	Diagnosis	ICD-10-CM	Generalized anxiety disorder	189,511	17,592	9
Cocaine use disorders (DSM-5), in any care setting	F10.10	Diagnosis	ICD-10-CM	Alcohol abuse, uncomplicated	74,604	16,056	10
Alcohol-related disorders, in any care setting	F10.10	Diagnosis	ICD-10-CM	Alcohol abuse, uncomplicated	2,582,584	652,633	1
Alcohol-related disorders, in any care setting	F10.20	Diagnosis	ICD-10-CM	Alcohol dependence, uncomplicated	7,165,114	544,194	2
Alcohol-related disorders, in any care setting	I10	Diagnosis	ICD-10-CM	Essential (primary) hypertension	1,506,370	402,899	3
Alcohol-related disorders, in any care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	990,342	262,611	4
Alcohol-related disorders, in any care setting	F10.129	Diagnosis	ICD-10-CM	Alcohol abuse with intoxication, unspecified	355,993	203,570	5
Alcohol-related disorders, in any care setting	F17.210	Diagnosis	ICD-10-CM	Nicotine dependence, cigarettes, uncomplicated	601,048	203,079	6
Alcohol-related disorders, in any care setting	F32.9	Diagnosis	ICD-10-CM	Major depressive disorder, single episode, unspecified	626,059	175,881	7
Alcohol-related disorders, in any care setting	F41.1	Diagnosis	ICD-10-CM	Generalized anxiety disorder	1,296,289	170,248	8
Alcohol-related disorders, in any care setting	Z00.00	Diagnosis	ICD-10-CM	Encounter for general adult medical examination without abnormal findings	186,771	124,746	9
Alcohol-related disorders, in any care setting	Z79.899	Diagnosis	ICD-10-CM	Other long term (current) drug therapy	303,232	123,520	10
Alcohol remission, in any care setting	F10.21	Diagnosis	ICD-10-CM	Alcohol dependence, in remission	904,904	189,356	1
Alcohol remission, in any care setting	F10.11	Diagnosis	ICD-10-CM	Alcohol abuse, in remission	273,596	80,163	2
Alcohol remission, in any care setting	I10	Diagnosis	ICD-10-CM	Essential (primary) hypertension	179,316	71,779	3
Alcohol remission, in any care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	133,169	49,347	4
Alcohol remission, in any care setting	F41.1	Diagnosis	ICD-10-CM	Generalized anxiety disorder	204,683	38,786	5
Alcohol remission, in any care setting	E78.5	Diagnosis	ICD-10-CM	Hyperlipidemia, unspecified	74,154	35,596	6
Alcohol remission, in any care setting	Z79.899	Diagnosis	ICD-10-CM	Encounter for immunization	59,584	28,390	7
Alcohol remission, in any care setting	Z00.00	Diagnosis	ICD-10-CM	Encounter for general adult medical examination without abnormal findings	38,277	26,890	8
Alcohol remission, in any care setting	K21.9	Diagnosis	ICD-10-CM	Gastro-esophageal reflux disease without esophagitis	43,230	20,452	9
Alcohol remission, in any care setting	F32.9	Diagnosis	ICD-10-CM	Major depressive disorder, single episode, unspecified	51,788	20,398	10

Table 6a. Most Frequent Diagnoses Among Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

ICD-10 Code Category and Care Setting ¹	Code			Code Description	Code Count	Patient	
	Code	Category	Code Type			Count	Rank
Alcohol use with psychotic disorder, in any care setting	F10.231	Diagnosis	ICD-10-CM	Alcohol dependence with withdrawal delirium	86,451	29,765	1
Alcohol use with psychotic disorder, in any care setting	I10	Diagnosis	ICD-10-CM	Essential (primary) hypertension	53,990	20,982	2
Alcohol use with psychotic disorder, in any care setting	F10.239	Diagnosis	ICD-10-CM	Alcohol dependence with withdrawal, unspecified	34,421	17,076	3
Alcohol use with psychotic disorder, in any care setting	F10.10	Diagnosis	ICD-10-CM	Alcohol abuse, uncomplicated	24,641	14,050	4
Alcohol use with psychotic disorder, in any care setting	E87.6	Diagnosis	ICD-10-CM	Hypokalemia	30,541	13,594	5
Alcohol use with psychotic disorder, in any care setting	R41.82	Diagnosis	ICD-10-CM	Altered mental status, unspecified	22,207	12,839	6
Alcohol use with psychotic disorder, in any care setting	F10.20	Diagnosis	ICD-10-CM	Alcohol dependence, uncomplicated	20,842	11,431	7
Alcohol use with psychotic disorder, in any care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	20,846	10,763	8
Alcohol use with psychotic disorder, in any care setting	F17.210	Diagnosis	ICD-10-CM	Nicotine dependence, cigarettes, uncomplicated	17,690	8,429	9
Alcohol use with psychotic disorder, in any care setting	R00.0	Diagnosis	ICD-10-CM	Tachycardia, unspecified	10,821	6,980	10
Alcohol use disorders (DSM-5), in any care setting	F10.10	Diagnosis	ICD-10-CM	Alcohol abuse, uncomplicated	2,582,584	652,633	1
Alcohol use disorders (DSM-5), in any care setting	F10.20	Diagnosis	ICD-10-CM	Alcohol dependence, uncomplicated	7,165,114	544,194	2
Alcohol use disorders (DSM-5), in any care setting	I10	Diagnosis	ICD-10-CM	Essential (primary) hypertension	1,217,192	345,060	3
Alcohol use disorders (DSM-5), in any care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	845,813	223,286	4
Alcohol use disorders (DSM-5), in any care setting	F10.21	Diagnosis	ICD-10-CM	Alcohol dependence, in remission	904,904	189,356	5
Alcohol use disorders (DSM-5), in any care setting	F17.210	Diagnosis	ICD-10-CM	Nicotine dependence, cigarettes, uncomplicated	461,094	160,577	6
Alcohol use disorders (DSM-5), in any care setting	F41.1	Diagnosis	ICD-10-CM	Generalized anxiety disorder	1,223,329	157,264	7
Alcohol use disorders (DSM-5), in any care setting	F32.9	Diagnosis	ICD-10-CM	Major depressive disorder, single episode, unspecified	522,564	143,886	8
Alcohol use disorders (DSM-5), in any care setting	Z00.00	Diagnosis	ICD-10-CM	Encounter for general adult medical examination without abnormal findings	186,051	125,088	9
Alcohol use disorders (DSM-5), in any care setting	E78.5	Diagnosis	ICD-10-CM	Hyperlipidemia, unspecified	253,421	94,347	10

Table 6a. Most Frequent Diagnoses Among Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

ICD-10 Code Category and Care Setting ¹	Code			Code Description	Code Count	Patient	
	Code	Category	Code Type			Count	Rank
Cannabis-related disorders, in ED, AV, OA care setting	F12.90	Diagnosis	ICD-10-CM	Cannabis use, unspecified, uncomplicated	461,651	229,754	1
Cannabis-related disorders, in ED, AV, OA care setting	F12.10	Diagnosis	ICD-10-CM	Cannabis abuse, uncomplicated	878,566	204,309	2
Cannabis-related disorders, in ED, AV, OA care setting	F12.20	Diagnosis	ICD-10-CM	Cannabis dependence, uncomplicated	2,182,140	165,854	3
Cannabis-related disorders, in ED, AV, OA care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	327,023	95,825	4
Cannabis-related disorders, in ED, AV, OA care setting	F41.1	Diagnosis	ICD-10-CM	Generalized anxiety disorder	568,275	74,711	5
Cannabis-related disorders, in ED, AV, OA care setting	F17.210	Diagnosis	ICD-10-CM	Nicotine dependence, cigarettes, uncomplicated	169,151	71,488	6
Cannabis-related disorders, in ED, AV, OA care setting	Z79.899	Diagnosis	ICD-10-CM	Other long term (current) drug therapy	152,175	69,208	7
Cannabis-related disorders, in ED, AV, OA care setting	I10	Diagnosis	ICD-10-CM	Essential (primary) hypertension	175,322	67,160	8
Cannabis-related disorders, in ED, AV, OA care setting	F10.20	Diagnosis	ICD-10-CM	Alcohol dependence, uncomplicated	939,209	62,252	9
Cannabis-related disorders, in ED, AV, OA care setting	F32.9	Diagnosis	ICD-10-CM	Major depressive disorder, single episode, unspecified	163,113	46,182	10
Cannabis remission, in ED, AV, OA care setting	F12.21	Diagnosis	ICD-10-CM	Cannabis dependence, in remission	134,532	18,874	1
Cannabis remission, in ED, AV, OA care setting	F12.11	Diagnosis	ICD-10-CM	Cannabis abuse, in remission	49,922	10,732	2
Cannabis remission, in ED, AV, OA care setting	F41.1	Diagnosis	ICD-10-CM	Generalized anxiety disorder	37,580	5,716	3
Cannabis remission, in ED, AV, OA care setting	F10.21	Diagnosis	ICD-10-CM	Alcohol dependence, in remission	38,219	5,690	4
Cannabis remission, in ED, AV, OA care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	15,455	3,994	5
Cannabis remission, in ED, AV, OA care setting	F10.20	Diagnosis	ICD-10-CM	Alcohol dependence, uncomplicated	27,183	2,745	6
Cannabis remission, in ED, AV, OA care setting	F33.1	Diagnosis	ICD-10-CM	Major depressive disorder, recurrent, moderate	15,962	2,737	7
Cannabis remission, in ED, AV, OA care setting	Z79.899	Diagnosis	ICD-10-CM	Encounter for immunization	6,231	2,612	8
Cannabis remission, in ED, AV, OA care setting	F43.10	Diagnosis	ICD-10-CM	Post-traumatic stress disorder, unspecified	12,807	1,993	9
Cannabis remission, in ED, AV, OA care setting	I10	Diagnosis	ICD-10-CM	Essential (primary) hypertension	4,570	1,606	10
Cannabis use with psychotic disorder, in ED, AV, OA care setting	F12.959	Diagnosis	ICD-10-CM	Cannabis use, unspecified with psychotic disorder, unspecified	2,894	844	1

Table 6a. Most Frequent Diagnoses Among Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

ICD-10 Code Category and Care Setting ¹	Code			Code Description	Code Count	Patient	
	Code	Category	Code Type			Count	Rank
Cannabis use with psychotic disorder, in ED, AV, OA care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	1,966	843	2
Cannabis use with psychotic disorder, in ED, AV, OA care setting	F12.159	Diagnosis	ICD-10-CM	Cannabis abuse with psychotic disorder, unspecified	3,004	841	3
Cannabis use with psychotic disorder, in ED, AV, OA care setting	F12.259	Diagnosis	ICD-10-CM	Cannabis dependence with psychotic disorder, unspecified	4,613	749	4
Cannabis use with psychotic disorder, in ED, AV, OA care setting	F29	Diagnosis	ICD-10-CM	Unspecified psychosis not due to a substance or known physiological condition	1,557	636	5
Cannabis use with psychotic disorder, in ED, AV, OA care setting	F41.1	Diagnosis	ICD-10-CM	Generalized anxiety disorder	3,024	594	6
Cannabis use with psychotic disorder, in ED, AV, OA care setting	R41.82	Diagnosis	ICD-10-CM	Altered mental status, unspecified	866	575	7
Cannabis use with psychotic disorder, in ED, AV, OA care setting	F12.921	Diagnosis	ICD-10-CM	Cannabis use, unspecified with intoxication delirium	906	563	8
Cannabis use with psychotic disorder, in ED, AV, OA care setting	F12.20	Diagnosis	ICD-10-CM	Cannabis dependence, uncomplicated	2,290	472	9
Cannabis use with psychotic disorder, in ED, AV, OA care setting	F12.922	Diagnosis	ICD-10-CM	Cannabis use, unspecified with intoxication with perceptual disturbance	622	279	10
Cannabis use disorders (DSM-5), in ED, AV, OA care setting	F12.10	Diagnosis	ICD-10-CM	Cannabis abuse, uncomplicated	878,877	204,469	1
Cannabis use disorders (DSM-5), in ED, AV, OA care setting	F12.20	Diagnosis	ICD-10-CM	Cannabis dependence, uncomplicated	2,181,958	165,771	2
Cannabis use disorders (DSM-5), in ED, AV, OA care setting	F10.20	Diagnosis	ICD-10-CM	Alcohol dependence, uncomplicated	998,800	64,650	3
Cannabis use disorders (DSM-5), in ED, AV, OA care setting	F41.1	Diagnosis	ICD-10-CM	Generalized anxiety disorder	502,235	58,221	4
Cannabis use disorders (DSM-5), in ED, AV, OA care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	238,793	56,010	5
Cannabis use disorders (DSM-5), in ED, AV, OA care setting	F11.20	Diagnosis	ICD-10-CM	Opioid dependence, uncomplicated	795,289	39,100	6
Cannabis use disorders (DSM-5), in ED, AV, OA care setting	Z79.899	Diagnosis	ICD-10-CM	Other long term (current) drug therapy	86,985	34,472	7
Cannabis use disorders (DSM-5), in ED, AV, OA care setting	F32.9	Diagnosis	ICD-10-CM	Major depressive disorder, single episode, unspecified	126,317	28,513	8

Table 6a. Most Frequent Diagnoses Among Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

ICD-10 Code Category and Care Setting ¹	Code			Code Description	Code Count	Patient	
	Code	Category	Code Type			Count	Rank
Cannabis use disorders (DSM-5), in ED, AV, OA care setting	F10.10	Diagnosis	ICD-10-CM	Alcohol abuse, uncomplicated	167,819	28,054	9
Cannabis use disorders (DSM-5), in ED, AV, OA care setting	F17.210	Diagnosis	ICD-10-CM	Nicotine dependence, cigarettes, uncomplicated	73,459	24,682	10
Cocaine-related disorders, in ED, AV, OA care setting	F14.10	Diagnosis	ICD-10-CM	Cocaine abuse, uncomplicated	263,237	54,248	1
Cocaine-related disorders, in ED, AV, OA care setting	F14.20	Diagnosis	ICD-10-CM	Cocaine dependence, uncomplicated	1,031,344	48,460	2
Cocaine-related disorders, in ED, AV, OA care setting	F10.20	Diagnosis	ICD-10-CM	Alcohol dependence, uncomplicated	549,477	29,223	3
Cocaine-related disorders, in ED, AV, OA care setting	F11.20	Diagnosis	ICD-10-CM	Opioid dependence, uncomplicated	511,208	21,417	4
Cocaine-related disorders, in ED, AV, OA care setting	F12.20	Diagnosis	ICD-10-CM	Cannabis dependence, uncomplicated	370,826	20,036	5
Cocaine-related disorders, in ED, AV, OA care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	94,633	19,863	6
Cocaine-related disorders, in ED, AV, OA care setting	F14.90	Diagnosis	ICD-10-CM	Cocaine use, unspecified, uncomplicated	44,207	19,296	7
Cocaine-related disorders, in ED, AV, OA care setting	I10	Diagnosis	ICD-10-CM	Essential (primary) hypertension	60,024	16,554	8
Cocaine-related disorders, in ED, AV, OA care setting	F41.1	Diagnosis	ICD-10-CM	Generalized anxiety disorder	184,600	14,828	9
Cocaine-related disorders, in ED, AV, OA care setting	F17.210	Diagnosis	ICD-10-CM	Nicotine dependence, cigarettes, uncomplicated	36,664	13,177	10
Cocaine remission, in ED, AV, OA care setting	F14.21	Diagnosis	ICD-10-CM	Cocaine dependence, in remission	112,879	15,376	1
Cocaine remission, in ED, AV, OA care setting	F14.11	Diagnosis	ICD-10-CM	Cocaine abuse, in remission	46,333	9,825	2
Cocaine remission, in ED, AV, OA care setting	F10.21	Diagnosis	ICD-10-CM	Alcohol dependence, in remission	33,271	5,282	3
Cocaine remission, in ED, AV, OA care setting	I10	Diagnosis	ICD-10-CM	Essential (primary) hypertension	13,807	4,959	4
Cocaine remission, in ED, AV, OA care setting	F41.1	Diagnosis	ICD-10-CM	Generalized anxiety disorder	25,892	3,238	5
Cocaine remission, in ED, AV, OA care setting	F10.20	Diagnosis	ICD-10-CM	Alcohol dependence, uncomplicated	28,901	2,719	6
Cocaine remission, in ED, AV, OA care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	9,468	2,399	7
Cocaine remission, in ED, AV, OA care setting	E78.5	Diagnosis	ICD-10-CM	Hyperlipidemia, unspecified	5,907	2,298	8
Cocaine remission, in ED, AV, OA care setting	F11.21	Diagnosis	ICD-10-CM	Opioid dependence, in remission	17,815	1,698	9
Cocaine remission, in ED, AV, OA care setting	F17.210	Diagnosis	ICD-10-CM	Nicotine dependence, cigarettes, uncomplicated	4,277	1,528	10
Cocaine use with psychotic disorder, in ED, AV, OA care setting	F17.210	Diagnosis	ICD-10-CM	Nicotine dependence, cigarettes, uncomplicated	408	241	1
Cocaine use with psychotic disorder, in ED, AV, OA care setting	F14.159	Diagnosis	ICD-10-CM	Cocaine abuse with cocaine-induced psychotic disorder, unspecified	479	221	2
Cocaine use with psychotic disorder, in ED, AV, OA care setting	I10	Diagnosis	ICD-10-CM	Essential (primary) hypertension	411	180	3
Cocaine use with psychotic disorder, in ED, AV, OA care setting	F14.10	Diagnosis	ICD-10-CM	Cocaine abuse, uncomplicated	316	160	4

Table 6a. Most Frequent Diagnoses Among Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

ICD-10 Code Category and Care Setting ¹	Code			Code Description	Code Count	Patient	
	Code	Category	Code Type			Count	Rank
Cocaine use with psychotic disorder, in ED, AV, OA care setting	F14.121	Diagnosis	ICD-10-CM	Cocaine abuse with intoxication with delirium	577	152	5
Cocaine use with psychotic disorder, in ED, AV, OA care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	296	131	6
Cocaine use with psychotic disorder, in ED, AV, OA care setting	F14.259	Diagnosis	ICD-10-CM	Cocaine dependence with cocaine-induced psychotic disorder, unspecified	562	121	7
Cocaine use with psychotic disorder, in ED, AV, OA care setting	F10.20	Diagnosis	ICD-10-CM	Alcohol dependence, uncomplicated	509	119	8
Cocaine use with psychotic disorder, in ED, AV, OA care setting	R41.82	Diagnosis	ICD-10-CM	Altered mental status, unspecified	175	114	9
Cocaine use with psychotic disorder, in ED, AV, OA care setting	F14.20	Diagnosis	ICD-10-CM	Cocaine dependence, uncomplicated	491	106	10
Cocaine use disorders (DSM-5), in ED, AV, OA care setting	F14.10	Diagnosis	ICD-10-CM	Cocaine abuse, uncomplicated	263,208	54,292	1
Cocaine use disorders (DSM-5), in ED, AV, OA care setting	F14.20	Diagnosis	ICD-10-CM	Cocaine dependence, uncomplicated	1,031,192	48,410	2
Cocaine use disorders (DSM-5), in ED, AV, OA care setting	F10.20	Diagnosis	ICD-10-CM	Alcohol dependence, uncomplicated	591,453	32,455	3
Cocaine use disorders (DSM-5), in ED, AV, OA care setting	F11.20	Diagnosis	ICD-10-CM	Opioid dependence, uncomplicated	504,877	20,849	4
Cocaine use disorders (DSM-5), in ED, AV, OA care setting	F12.20	Diagnosis	ICD-10-CM	Cannabis dependence, uncomplicated	368,173	19,722	5
Cocaine use disorders (DSM-5), in ED, AV, OA care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	86,127	16,774	6
Cocaine use disorders (DSM-5), in ED, AV, OA care setting	I10	Diagnosis	ICD-10-CM	Essential (primary) hypertension	50,195	14,009	7
Cocaine use disorders (DSM-5), in ED, AV, OA care setting	F41.1	Diagnosis	ICD-10-CM	Generalized anxiety disorder	179,093	13,893	8
Cocaine use disorders (DSM-5), in ED, AV, OA care setting	F10.10	Diagnosis	ICD-10-CM	Alcohol abuse, uncomplicated	64,917	10,892	9
Cocaine use disorders (DSM-5), in ED, AV, OA care setting	F13.20	Diagnosis	ICD-10-CM	Sedative, hypnotic or anxiolytic dependence, uncomplicated	233,028	10,308	10
Alcohol-related disorders, in ED, AV, OA care setting	F10.10	Diagnosis	ICD-10-CM	Alcohol abuse, uncomplicated	2,230,124	559,390	1
Alcohol-related disorders, in ED, AV, OA care setting	F10.20	Diagnosis	ICD-10-CM	Alcohol dependence, uncomplicated	6,746,945	484,123	2

Table 6a. Most Frequent Diagnoses Among Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

ICD-10 Code Category and Care Setting ¹	Code			Code Description	Code Count	Patient	
	Code	Category	Code Type			Count	Rank
Alcohol-related disorders, in ED, AV, OA care setting	I10	Diagnosis	ICD-10-CM	Essential (primary) hypertension	1,102,253	322,053	3
Alcohol-related disorders, in ED, AV, OA care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	806,633	204,489	4
Alcohol-related disorders, in ED, AV, OA care setting	F10.21	Diagnosis	ICD-10-CM	Alcohol dependence, in remission	862,186	174,578	5
Alcohol-related disorders, in ED, AV, OA care setting	F10.129	Diagnosis	ICD-10-CM	Alcohol abuse with intoxication, unspecified	283,755	174,231	6
Alcohol-related disorders, in ED, AV, OA care setting	F41.1	Diagnosis	ICD-10-CM	Generalized anxiety disorder	1,224,535	149,802	7
Alcohol-related disorders, in ED, AV, OA care setting	Z79.899	Diagnosis	ICD-10-CM	Encounter for immunization	339,339	140,004	8
Alcohol-related disorders, in ED, AV, OA care setting	Z00.00	Diagnosis	ICD-10-CM	Encounter for general adult medical examination without abnormal findings	194,279	130,601	9
Alcohol-related disorders, in ED, AV, OA care setting	F32.9	Diagnosis	ICD-10-CM	Major depressive disorder, single episode, unspecified	445,698	113,260	10
Alcohol remission, in ED, AV, OA care setting	F10.21	Diagnosis	ICD-10-CM	Alcohol dependence, in remission	862,806	174,675	1
Alcohol remission, in ED, AV, OA care setting	F10.11	Diagnosis	ICD-10-CM	Alcohol abuse, in remission	251,972	70,016	2
Alcohol remission, in ED, AV, OA care setting	I10	Diagnosis	ICD-10-CM	Essential (primary) hypertension	144,127	59,032	3
Alcohol remission, in ED, AV, OA care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	117,134	41,376	4
Alcohol remission, in ED, AV, OA care setting	F41.1	Diagnosis	ICD-10-CM	Generalized anxiety disorder	201,487	36,864	5
Alcohol remission, in ED, AV, OA care setting	Z00.00	Diagnosis	ICD-10-CM	Encounter for general adult medical examination without abnormal findings	37,771	26,476	6
Alcohol remission, in ED, AV, OA care setting	E78.5	Diagnosis	ICD-10-CM	Hyperlipidemia, unspecified	48,087	22,834	7
Alcohol remission, in ED, AV, OA care setting	F33.1	Diagnosis	ICD-10-CM	Major depressive disorder, recurrent, moderate	100,123	20,197	8
Alcohol remission, in ED, AV, OA care setting	Z23	Diagnosis	ICD-10-CM	Encounter for immunization	24,263	20,086	9
Alcohol remission, in ED, AV, OA care setting	Z79.899	Diagnosis	ICD-10-CM	Other long term (current) drug therapy	35,485	16,236	10
Alcohol use with psychotic disorder, in ED, AV, OA care setting	F10.231	Diagnosis	ICD-10-CM	Alcohol dependence with withdrawal delirium	29,861	11,056	1
Alcohol use with psychotic disorder, in ED, AV, OA care setting	F10.121	Diagnosis	ICD-10-CM	Alcohol abuse with intoxication delirium	11,506	6,884	2
Alcohol use with psychotic disorder, in ED, AV, OA care setting	I10	Diagnosis	ICD-10-CM	Essential (primary) hypertension	17,041	6,692	3
Alcohol use with psychotic disorder, in ED, AV, OA care setting	R41.82	Diagnosis	ICD-10-CM	Altered mental status, unspecified	6,659	4,014	4
Alcohol use with psychotic disorder, in ED, AV, OA care setting	F10.10	Diagnosis	ICD-10-CM	Alcohol abuse, uncomplicated	5,869	3,559	5
Alcohol use with psychotic disorder, in ED, AV, OA care setting	F10.239	Diagnosis	ICD-10-CM	Alcohol dependence with withdrawal, unspecified	6,784	3,549	6

Table 6a. Most Frequent Diagnoses Among Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

ICD-10 Code Category and Care Setting ¹	Code			Code Description	Code Count	Patient	
	Code	Category	Code Type			Count	Rank
Alcohol use with psychotic disorder, in ED, AV, OA care setting	F10.129	Diagnosis	ICD-10-CM	Alcohol abuse with intoxication, unspecified	4,524	3,469	7
Alcohol use with psychotic disorder, in ED, AV, OA care setting	F10.921	Diagnosis	ICD-10-CM	Alcohol use, unspecified with intoxication delirium	4,481	3,415	8
Alcohol use with psychotic disorder, in ED, AV, OA care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	6,081	2,923	9
Alcohol use with psychotic disorder, in ED, AV, OA care setting	F17.210	Diagnosis	ICD-10-CM	Nicotine dependence, cigarettes, uncomplicated	4,349	2,120	10
Alcohol use disorders (DSM-5), in ED, AV, OA care setting	F10.10	Diagnosis	ICD-10-CM	Alcohol abuse, uncomplicated	2,229,588	559,667	1
Alcohol use disorders (DSM-5), in ED, AV, OA care setting	F10.20	Diagnosis	ICD-10-CM	Alcohol dependence, uncomplicated	6,741,880	483,716	2
Alcohol use disorders (DSM-5), in ED, AV, OA care setting	I10	Diagnosis	ICD-10-CM	Essential (primary) hypertension	892,857	272,602	3
Alcohol use disorders (DSM-5), in ED, AV, OA care setting	F10.21	Diagnosis	ICD-10-CM	Alcohol dependence, in remission	862,209	174,560	4
Alcohol use disorders (DSM-5), in ED, AV, OA care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	699,514	172,179	5
Alcohol use disorders (DSM-5), in ED, AV, OA care setting	F41.1	Diagnosis	ICD-10-CM	Generalized anxiety disorder	1,173,331	141,552	6
Alcohol use disorders (DSM-5), in ED, AV, OA care setting	Z00.00	Diagnosis	ICD-10-CM	Encounter for general adult medical examination without abnormal findings	177,239	119,082	7
Alcohol use disorders (DSM-5), in ED, AV, OA care setting	Z79.899	Diagnosis	ICD-10-CM	Encounter for immunization	250,353	100,314	8
Alcohol use disorders (DSM-5), in ED, AV, OA care setting	F32.9	Diagnosis	ICD-10-CM	Major depressive disorder, single episode, unspecified	382,485	90,500	9
Alcohol use disorders (DSM-5), in ED, AV, OA care setting	E78.5	Diagnosis	ICD-10-CM	Hyperlipidemia, unspecified	189,830	71,035	10
Cannabis-related disorders, in IP care setting	F12.90	Diagnosis	ICD-10-CM	Cannabis use, unspecified, uncomplicated	112,851	76,754	1
Cannabis-related disorders, in IP care setting	F12.10	Diagnosis	ICD-10-CM	Cannabis abuse, uncomplicated	81,452	52,906	2
Cannabis-related disorders, in IP care setting	F17.210	Diagnosis	ICD-10-CM	Nicotine dependence, cigarettes, uncomplicated	74,161	45,034	3
Cannabis-related disorders, in IP care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	59,314	38,164	4
Cannabis-related disorders, in IP care setting	I10	Diagnosis	ICD-10-CM	Essential (primary) hypertension	74,732	38,087	5

Table 6a. Most Frequent Diagnoses Among Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

ICD-10 Code Category and Care Setting ¹	Code			Code Description	Code Count	Patient	
	Code	Category	Code Type			Count	Rank
Cannabis-related disorders, in IP care setting	F32.9	Diagnosis	ICD-10-CM	Major depressive disorder, single episode, unspecified	44,316	29,223	6
Cannabis-related disorders, in IP care setting	F12.20	Diagnosis	ICD-10-CM	Cannabis dependence, uncomplicated	49,690	27,469	7
Cannabis-related disorders, in IP care setting	R45.851	Diagnosis	ICD-10-CM	Suicidal ideations	49,197	27,105	8
Cannabis-related disorders, in IP care setting	F10.20	Diagnosis	ICD-10-CM	Alcohol dependence, uncomplicated	30,281	16,296	9
Cannabis-related disorders, in IP care setting	F33.2	Diagnosis	ICD-10-CM	Major depressive disorder, recurrent severe without psychotic features	20,755	14,104	10
Cannabis remission, in IP care setting	F12.11	Diagnosis	ICD-10-CM	Cannabis abuse, in remission	2,207	1,685	1
Cannabis remission, in IP care setting	F12.21	Diagnosis	ICD-10-CM	Cannabis dependence, in remission	2,112	1,544	2
Cannabis remission, in IP care setting	F17.210	Diagnosis	ICD-10-CM	Nicotine dependence, cigarettes, uncomplicated	1,281	911	3
Cannabis remission, in IP care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	1,180	877	4
Cannabis remission, in IP care setting	R45.851	Diagnosis	ICD-10-CM	Suicidal ideations	1,198	768	5
Cannabis remission, in IP care setting	F32.9	Diagnosis	ICD-10-CM	Major depressive disorder, single episode, unspecified	827	628	6
Cannabis remission, in IP care setting	I10	Diagnosis	ICD-10-CM	Essential (primary) hypertension	1,103	616	7
Cannabis remission, in IP care setting	F41.1	Diagnosis	ICD-10-CM	Generalized anxiety disorder	721	519	8
Cannabis remission, in IP care setting	F33.2	Diagnosis	ICD-10-CM	Major depressive disorder, recurrent severe without psychotic features	521	391	9
Cannabis remission, in IP care setting	F10.20	Diagnosis	ICD-10-CM	Alcohol dependence, uncomplicated	608	386	10
Cannabis use with psychotic disorder, in IP care setting	F29	Diagnosis	ICD-10-CM	Unspecified psychosis not due to a substance or known physiological condition	1,397	954	1
Cannabis use with psychotic disorder, in IP care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	769	554	2
Cannabis use with psychotic disorder, in IP care setting	F17.210	Diagnosis	ICD-10-CM	Nicotine dependence, cigarettes, uncomplicated	736	524	3
Cannabis use with psychotic disorder, in IP care setting	R45.851	Diagnosis	ICD-10-CM	Suicidal ideations	760	511	4
Cannabis use with psychotic disorder, in IP care setting	F12.10	Diagnosis	ICD-10-CM	Cannabis abuse, uncomplicated	552	443	5
Cannabis use with psychotic disorder, in IP care setting	F12.259	Diagnosis	ICD-10-CM	Cannabis dependence with psychotic disorder, unspecified	567	434	6
Cannabis use with psychotic disorder, in IP care setting	F12.20	Diagnosis	ICD-10-CM	Cannabis dependence, uncomplicated	542	433	7

Table 6a. Most Frequent Diagnoses Among Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

ICD-10 Code Category and Care Setting ¹	Code			Code Description	Code Count	Patient	
	Code	Category	Code Type			Count	Rank
Cannabis use with psychotic disorder, in IP care setting	F12.159	Diagnosis	ICD-10-CM	Cannabis abuse with psychotic disorder, unspecified	539	389	8
Cannabis use with psychotic disorder, in IP care setting	F12.959	Diagnosis	ICD-10-CM	Cannabis use, unspecified with psychotic disorder, unspecified	500	367	9
Cannabis use with psychotic disorder, in IP care setting	F23	Diagnosis	ICD-10-CM	Brief psychotic disorder	458	343	10
Cannabis use disorders (DSM-5), in IP care setting	F12.10	Diagnosis	ICD-10-CM	Cannabis abuse, uncomplicated	81,452	52,906	1
Cannabis use disorders (DSM-5), in IP care setting	F12.20	Diagnosis	ICD-10-CM	Cannabis dependence, uncomplicated	50,560	28,036	2
Cannabis use disorders (DSM-5), in IP care setting	F17.210	Diagnosis	ICD-10-CM	Nicotine dependence, cigarettes, uncomplicated	39,691	24,651	3
Cannabis use disorders (DSM-5), in IP care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	32,370	21,244	4
Cannabis use disorders (DSM-5), in IP care setting	R45.851	Diagnosis	ICD-10-CM	Suicidal ideations	35,340	20,065	5
Cannabis use disorders (DSM-5), in IP care setting	F32.9	Diagnosis	ICD-10-CM	Major depressive disorder, single episode, unspecified	26,372	17,773	6
Cannabis use disorders (DSM-5), in IP care setting	I10	Diagnosis	ICD-10-CM	Essential (primary) hypertension	31,987	16,841	7
Cannabis use disorders (DSM-5), in IP care setting	F10.20	Diagnosis	ICD-10-CM	Alcohol dependence, uncomplicated	28,431	15,055	8
Cannabis use disorders (DSM-5), in IP care setting	F33.2	Diagnosis	ICD-10-CM	Major depressive disorder, recurrent severe without psychotic features	16,120	11,152	9
Cannabis use disorders (DSM-5), in IP care setting	F41.1	Diagnosis	ICD-10-CM	Generalized anxiety disorder	16,353	10,832	10
Cocaine-related disorders, in IP care setting	F14.10	Diagnosis	ICD-10-CM	Cocaine abuse, uncomplicated	39,243	20,521	1
Cocaine-related disorders, in IP care setting	F17.210	Diagnosis	ICD-10-CM	Nicotine dependence, cigarettes, uncomplicated	23,938	13,914	2
Cocaine-related disorders, in IP care setting	I10	Diagnosis	ICD-10-CM	Essential (primary) hypertension	28,304	12,204	3
Cocaine-related disorders, in IP care setting	F14.20	Diagnosis	ICD-10-CM	Cocaine dependence, uncomplicated	22,468	10,063	4
Cocaine-related disorders, in IP care setting	F10.20	Diagnosis	ICD-10-CM	Alcohol dependence, uncomplicated	17,193	8,240	5
Cocaine-related disorders, in IP care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	11,521	7,313	6
Cocaine-related disorders, in IP care setting	F32.9	Diagnosis	ICD-10-CM	Major depressive disorder, single episode, unspecified	9,668	5,896	7
Cocaine-related disorders, in IP care setting	R45.851	Diagnosis	ICD-10-CM	Suicidal ideations	10,279	5,685	8
Cocaine-related disorders, in IP care setting	F11.20	Diagnosis	ICD-10-CM	Opioid dependence, uncomplicated	14,388	5,234	9
Cocaine-related disorders, in IP care setting	F12.20	Diagnosis	ICD-10-CM	Cannabis dependence, uncomplicated	9,385	4,953	10
Cocaine remission, in IP care setting	F14.11	Diagnosis	ICD-10-CM	Cocaine abuse, in remission	3,058	2,240	1
Cocaine remission, in IP care setting	F14.21	Diagnosis	ICD-10-CM	Cocaine dependence, in remission	2,240	1,602	2
Cocaine remission, in IP care setting	I10	Diagnosis	ICD-10-CM	Essential (primary) hypertension	2,813	1,467	3

Table 6a. Most Frequent Diagnoses Among Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

ICD-10 Code Category and Care Setting ¹	Code			Code Description	Code Count	Patient	
	Code	Category	Code Type			Count	Rank
Cocaine remission, in IP care setting	F17.210	Diagnosis	ICD-10-CM	Nicotine dependence, cigarettes, uncomplicated	1,960	1,313	4
Cocaine remission, in IP care setting	E78.5	Diagnosis	ICD-10-CM	Hyperlipidemia, unspecified	1,008	669	5
Cocaine remission, in IP care setting	F32.9	Diagnosis	ICD-10-CM	Major depressive disorder, single episode, unspecified	901	657	6
Cocaine remission, in IP care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	927	654	7
Cocaine remission, in IP care setting	F10.20	Diagnosis	ICD-10-CM	Alcohol dependence, uncomplicated	870	584	8
Cocaine remission, in IP care setting	R45.851	Diagnosis	ICD-10-CM	Suicidal ideations	833	501	9
Cocaine remission, in IP care setting	R06.02	Diagnosis	ICD-10-CM	Shortness of breath	673	380	10
Cocaine use with psychotic disorder, in IP care setting	F17.210	Diagnosis	ICD-10-CM	Nicotine dependence, cigarettes, uncomplicated	296	218	1
Cocaine use with psychotic disorder, in IP care setting	R41.82	Diagnosis	ICD-10-CM	Altered mental status, unspecified	300	184	2
Cocaine use with psychotic disorder, in IP care setting	I10	Diagnosis	ICD-10-CM	Essential (primary) hypertension	309	180	3
Cocaine use with psychotic disorder, in IP care setting	F14.10	Diagnosis	ICD-10-CM	Cocaine abuse, uncomplicated	230	167	4
Cocaine use with psychotic disorder, in IP care setting	F19.10	Diagnosis	ICD-10-CM	Other psychoactive substance abuse, uncomplicated	234	164	5
Cocaine use with psychotic disorder, in IP care setting	F32.9	Diagnosis	ICD-10-CM	Major depressive disorder, single episode, unspecified	177	132	6
Cocaine use with psychotic disorder, in IP care setting	F29	Diagnosis	ICD-10-CM	Unspecified psychosis not due to a substance or known physiological condition	163	124	7
Cocaine use with psychotic disorder, in IP care setting	R45.851	Diagnosis	ICD-10-CM	Suicidal ideations	162	108	8
Cocaine use with psychotic disorder, in IP care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	152	105	9
Cocaine use with psychotic disorder, in IP care setting	F14.20	Diagnosis	ICD-10-CM	Cocaine dependence, uncomplicated	110	92	10
Cocaine use disorders (DSM-5), in IP care setting	F14.10	Diagnosis	ICD-10-CM	Cocaine abuse, uncomplicated	39,243	20,521	1
Cocaine use disorders (DSM-5), in IP care setting	F17.210	Diagnosis	ICD-10-CM	Nicotine dependence, cigarettes, uncomplicated	19,146	11,297	2
Cocaine use disorders (DSM-5), in IP care setting	F14.20	Diagnosis	ICD-10-CM	Cocaine dependence, uncomplicated	22,537	10,089	3
Cocaine use disorders (DSM-5), in IP care setting	F10.20	Diagnosis	ICD-10-CM	Alcohol dependence, uncomplicated	16,237	7,699	4

Table 6a. Most Frequent Diagnoses Among Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

ICD-10 Code Category and Care Setting ¹	Code			Code Description	Code Count	Patient	
	Code	Category	Code Type			Count	Rank
Cocaine use disorders (DSM-5), in IP care setting	I10	Diagnosis	ICD-10-CM	Essential (primary) hypertension	16,862	6,743	5
Cocaine use disorders (DSM-5), in IP care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	9,236	5,914	6
Cocaine use disorders (DSM-5), in IP care setting	F32.9	Diagnosis	ICD-10-CM	Major depressive disorder, single episode, unspecified	8,989	5,798	7
Cocaine use disorders (DSM-5), in IP care setting	F11.20	Diagnosis	ICD-10-CM	Opioid dependence, uncomplicated	13,861	5,013	8
Cocaine use disorders (DSM-5), in IP care setting	F12.20	Diagnosis	ICD-10-CM	Cannabis dependence, uncomplicated	9,006	4,736	9
Cocaine use disorders (DSM-5), in IP care setting	R45.851	Diagnosis	ICD-10-CM	Suicidal ideations	8,319	4,660	10
Alcohol-related disorders, in IP care setting	F10.10	Diagnosis	ICD-10-CM	Alcohol abuse, uncomplicated	286,027	147,895	1
Alcohol-related disorders, in IP care setting	I10	Diagnosis	ICD-10-CM	Essential (primary) hypertension	328,179	136,255	2
Alcohol-related disorders, in IP care setting	F10.20	Diagnosis	ICD-10-CM	Alcohol dependence, uncomplicated	273,009	124,732	3
Alcohol-related disorders, in IP care setting	F17.210	Diagnosis	ICD-10-CM	Nicotine dependence, cigarettes, uncomplicated	178,266	89,309	4
Alcohol-related disorders, in IP care setting	E87.6	Diagnosis	ICD-10-CM	Hypokalemia	148,404	67,813	5
Alcohol-related disorders, in IP care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	117,648	63,557	6
Alcohol-related disorders, in IP care setting	F10.239	Diagnosis	ICD-10-CM	Alcohol dependence with withdrawal, unspecified	125,994	59,142	7
Alcohol-related disorders, in IP care setting	F32.9	Diagnosis	ICD-10-CM	Major depressive disorder, single episode, unspecified	92,298	46,472	8
Alcohol-related disorders, in IP care setting	E87.1	Diagnosis	ICD-10-CM	Hypo-osmolality and hyponatremia	79,892	31,463	9
Alcohol-related disorders, in IP care setting	R45.851	Diagnosis	ICD-10-CM	Suicidal ideations	54,949	29,786	10
Alcohol remission, in IP care setting	F10.21	Diagnosis	ICD-10-CM	Alcohol dependence, in remission	33,611	21,594	1
Alcohol remission, in IP care setting	I10	Diagnosis	ICD-10-CM	Essential (primary) hypertension	29,571	15,464	2
Alcohol remission, in IP care setting	F10.11	Diagnosis	ICD-10-CM	Alcohol abuse, in remission	18,229	12,225	3
Alcohol remission, in IP care setting	F17.210	Diagnosis	ICD-10-CM	Nicotine dependence, cigarettes, uncomplicated	14,589	8,752	4
Alcohol remission, in IP care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	12,188	7,896	5
Alcohol remission, in IP care setting	E78.5	Diagnosis	ICD-10-CM	Hyperlipidemia, unspecified	12,738	7,792	6
Alcohol remission, in IP care setting	K21.9	Diagnosis	ICD-10-CM	Gastro-esophageal reflux disease without esophagitis	12,301	7,514	7
Alcohol remission, in IP care setting	Z87.891	Diagnosis	ICD-10-CM	Personal history of nicotine dependence	7,944	4,737	8
Alcohol remission, in IP care setting	F32.9	Diagnosis	ICD-10-CM	Major depressive disorder, single episode, unspecified	6,967	4,333	9
Alcohol remission, in IP care setting	N17.9	Diagnosis	ICD-10-CM	Acute kidney failure, unspecified	10,585	3,640	10

Table 6a. Most Frequent Diagnoses Among Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

ICD-10 Code Category and Care Setting ¹	Code			Code Description	Code Count	Patient	
	Code	Category	Code Type			Count	Rank
Alcohol use with psychotic disorder, in IP care setting	F10.231	Diagnosis	ICD-10-CM	Alcohol dependence with withdrawal delirium	47,725	22,343	1
Alcohol use with psychotic disorder, in IP care setting	I10	Diagnosis	ICD-10-CM	Essential (primary) hypertension	30,728	15,178	2
Alcohol use with psychotic disorder, in IP care setting	F10.239	Diagnosis	ICD-10-CM	Alcohol dependence with withdrawal, unspecified	22,838	13,197	3
Alcohol use with psychotic disorder, in IP care setting	E87.6	Diagnosis	ICD-10-CM	Hypokalemia	21,133	11,128	4
Alcohol use with psychotic disorder, in IP care setting	F10.10	Diagnosis	ICD-10-CM	Alcohol abuse, uncomplicated	15,799	10,187	5
Alcohol use with psychotic disorder, in IP care setting	R41.82	Diagnosis	ICD-10-CM	Altered mental status, unspecified	12,395	7,565	6
Alcohol use with psychotic disorder, in IP care setting	F10.20	Diagnosis	ICD-10-CM	Alcohol dependence, uncomplicated	9,193	6,758	7
Alcohol use with psychotic disorder, in IP care setting	E87.2	Diagnosis	ICD-10-CM	Acidosis	11,571	6,750	8
Alcohol use with psychotic disorder, in IP care setting	F17.210	Diagnosis	ICD-10-CM	Nicotine dependence, cigarettes, uncomplicated	11,339	5,862	9
Alcohol use with psychotic disorder, in IP care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	8,479	4,475	10
Alcohol use disorders (DSM-5), in IP care setting	F10.10	Diagnosis	ICD-10-CM	Alcohol abuse, uncomplicated	286,027	147,895	1
Alcohol use disorders (DSM-5), in IP care setting	F10.20	Diagnosis	ICD-10-CM	Alcohol dependence, uncomplicated	273,009	124,732	2
Alcohol use disorders (DSM-5), in IP care setting	I10	Diagnosis	ICD-10-CM	Essential (primary) hypertension	261,864	114,055	3
Alcohol use disorders (DSM-5), in IP care setting	F17.210	Diagnosis	ICD-10-CM	Nicotine dependence, cigarettes, uncomplicated	143,229	74,739	4
Alcohol use disorders (DSM-5), in IP care setting	E87.6	Diagnosis	ICD-10-CM	Hypokalemia	111,902	53,329	5
Alcohol use disorders (DSM-5), in IP care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	90,202	51,276	6
Alcohol use disorders (DSM-5), in IP care setting	F32.9	Diagnosis	ICD-10-CM	Major depressive disorder, single episode, unspecified	70,461	37,449	7
Alcohol use disorders (DSM-5), in IP care setting	F10.239	Diagnosis	ICD-10-CM	Alcohol dependence with withdrawal, unspecified	48,693	25,225	8
Alcohol use disorders (DSM-5), in IP care setting	E87.1	Diagnosis	ICD-10-CM	Hypo-osmolality and hyponatremia	64,443	25,102	9
Alcohol use disorders (DSM-5), in IP care setting	R45.851	Diagnosis	ICD-10-CM	Suicidal ideations	43,950	24,489	10
Cannabis-related disorders, in IS care setting	F12.20	Diagnosis	ICD-10-CM	Cannabis dependence, uncomplicated	47,902	30,723	1

Table 6a. Most Frequent Diagnoses Among Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

ICD-10 Code Category and Care Setting ¹	Code			Code Description	Code Count	Patient	
	Code	Category	Code Type			Count	Rank
Cannabis-related disorders, in IS care setting	R45.851	Diagnosis	ICD-10-CM	Suicidal ideations	47,571	25,495	2
Cannabis-related disorders, in IS care setting	F12.10	Diagnosis	ICD-10-CM	Cannabis abuse, uncomplicated	32,887	23,185	3
Cannabis-related disorders, in IS care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	24,638	18,186	4
Cannabis-related disorders, in IS care setting	F17.210	Diagnosis	ICD-10-CM	Nicotine dependence, cigarettes, uncomplicated	26,381	17,598	5
Cannabis-related disorders, in IS care setting	F32.9	Diagnosis	ICD-10-CM	Major depressive disorder, single episode, unspecified	24,260	16,845	6
Cannabis-related disorders, in IS care setting	F10.20	Diagnosis	ICD-10-CM	Alcohol dependence, uncomplicated	21,914	15,519	7
Cannabis-related disorders, in IS care setting	F12.90	Diagnosis	ICD-10-CM	Cannabis use, unspecified, uncomplicated	19,612	15,475	8
Cannabis-related disorders, in IS care setting	F33.2	Diagnosis	ICD-10-CM	Major depressive disorder, recurrent severe without psychotic features	13,611	11,351	9
Cannabis-related disorders, in IS care setting	F41.1	Diagnosis	ICD-10-CM	Generalized anxiety disorder	13,280	10,614	10
Cannabis remission, in IS care setting	F12.21	Diagnosis	ICD-10-CM	Cannabis dependence, in remission	1,455	1,132	1
Cannabis remission, in IS care setting	F12.11	Diagnosis	ICD-10-CM	Cannabis abuse, in remission	877	697	2
Cannabis remission, in IS care setting	R45.851	Diagnosis	ICD-10-CM	Suicidal ideations	1,079	679	3
Cannabis remission, in IS care setting	F17.210	Diagnosis	ICD-10-CM	Nicotine dependence, cigarettes, uncomplicated	739	550	4
Cannabis remission, in IS care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	606	485	5
Cannabis remission, in IS care setting	F10.20	Diagnosis	ICD-10-CM	Alcohol dependence, uncomplicated	493	434	6
Cannabis remission, in IS care setting	F32.9	Diagnosis	ICD-10-CM	Major depressive disorder, single episode, unspecified	503	400	7
Cannabis remission, in IS care setting	F41.1	Diagnosis	ICD-10-CM	Generalized anxiety disorder	378	339	8
Cannabis remission, in IS care setting	F33.2	Diagnosis	ICD-10-CM	Major depressive disorder, recurrent severe without psychotic features	285	261	9
Cannabis remission, in IS care setting	F10.21	Diagnosis	ICD-10-CM	Alcohol dependence, in remission	288	248	10
Cannabis use with psychotic disorder, in IS care setting	F29	Diagnosis	ICD-10-CM	Unspecified psychosis not due to a substance or known physiological condition	926	663	1
Cannabis use with psychotic disorder, in IS care setting	R45.851	Diagnosis	ICD-10-CM	Suicidal ideations	666	448	2
Cannabis use with psychotic disorder, in IS care setting	F17.210	Diagnosis	ICD-10-CM	Nicotine dependence, cigarettes, uncomplicated	501	413	3
Cannabis use with psychotic disorder, in IS care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	518	411	4

Table 6a. Most Frequent Diagnoses Among Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

ICD-10 Code Category and Care Setting ¹	Code			Code Description	Code Count	Patient	
	Code	Category	Code Type			Count	Rank
Cannabis use with psychotic disorder, in IS care setting	F12.159	Diagnosis	ICD-10-CM	Cannabis abuse with psychotic disorder, unspecified	414	378	5
Cannabis use with psychotic disorder, in IS care setting	F12.259	Diagnosis	ICD-10-CM	Cannabis dependence with psychotic disorder, unspecified	411	371	6
Cannabis use with psychotic disorder, in IS care setting	F12.20	Diagnosis	ICD-10-CM	Cannabis dependence, uncomplicated	278	258	7
Cannabis use with psychotic disorder, in IS care setting	F12.959	Diagnosis	ICD-10-CM	Cannabis use, unspecified with psychotic disorder, unspecified	259	241	8
Cannabis use with psychotic disorder, in IS care setting	F23	Diagnosis	ICD-10-CM	Brief psychotic disorder	262	232	9
Cannabis use with psychotic disorder, in IS care setting	F32.9	Diagnosis	ICD-10-CM	Major depressive disorder, single episode, unspecified	267	232	10
Cannabis use disorders (DSM-5), in IS care setting	F12.20	Diagnosis	ICD-10-CM	Cannabis dependence, uncomplicated	47,809	30,664	1
Cannabis use disorders (DSM-5), in IS care setting	F12.10	Diagnosis	ICD-10-CM	Cannabis abuse, uncomplicated	33,291	23,159	2
Cannabis use disorders (DSM-5), in IS care setting	R45.851	Diagnosis	ICD-10-CM	Suicidal ideations	34,656	19,141	3
Cannabis use disorders (DSM-5), in IS care setting	F10.20	Diagnosis	ICD-10-CM	Alcohol dependence, uncomplicated	20,533	14,539	4
Cannabis use disorders (DSM-5), in IS care setting	F17.210	Diagnosis	ICD-10-CM	Nicotine dependence, cigarettes, uncomplicated	20,188	13,834	5
Cannabis use disorders (DSM-5), in IS care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	18,290	13,718	6
Cannabis use disorders (DSM-5), in IS care setting	F32.9	Diagnosis	ICD-10-CM	Major depressive disorder, single episode, unspecified	17,694	12,510	7
Cannabis use disorders (DSM-5), in IS care setting	F33.2	Diagnosis	ICD-10-CM	Major depressive disorder, recurrent severe without psychotic features	16,409	11,354	8
Cannabis use disorders (DSM-5), in IS care setting	F41.1	Diagnosis	ICD-10-CM	Generalized anxiety disorder	11,295	9,019	9
Cannabis use disorders (DSM-5), in IS care setting	F11.20	Diagnosis	ICD-10-CM	Opioid dependence, uncomplicated	14,300	8,391	10
Cocaine-related disorders, in IS care setting	F14.20	Diagnosis	ICD-10-CM	Cocaine dependence, uncomplicated	27,126	14,500	1
Cocaine-related disorders, in IS care setting	F10.20	Diagnosis	ICD-10-CM	Alcohol dependence, uncomplicated	17,847	10,457	2
Cocaine-related disorders, in IS care setting	F14.10	Diagnosis	ICD-10-CM	Cocaine abuse, uncomplicated	15,169	9,055	3
Cocaine-related disorders, in IS care setting	R45.851	Diagnosis	ICD-10-CM	Suicidal ideations	19,190	7,888	4
Cocaine-related disorders, in IS care setting	F17.210	Diagnosis	ICD-10-CM	Nicotine dependence, cigarettes, uncomplicated	11,344	7,183	5
Cocaine-related disorders, in IS care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	8,819	6,110	6
Cocaine-related disorders, in IS care setting	F32.9	Diagnosis	ICD-10-CM	Major depressive disorder, single episode, unspecified	9,774	6,075	7

Table 6a. Most Frequent Diagnoses Among Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

ICD-10 Code Category and Care Setting ¹	Code			Code Description	Code Count	Patient	
	Code	Category	Code Type			Count	Rank
Cocaine-related disorders, in IS care setting	F11.20	Diagnosis	ICD-10-CM	Opioid dependence, uncomplicated	10,861	5,978	8
Cocaine-related disorders, in IS care setting	F12.20	Diagnosis	ICD-10-CM	Cannabis dependence, uncomplicated	8,437	5,823	9
Cocaine-related disorders, in IS care setting	F13.20	Diagnosis	ICD-10-CM	Sedative, hypnotic or anxiolytic dependence, uncomplicated	6,227	3,756	10
Cocaine remission, in IS care setting	F14.21	Diagnosis	ICD-10-CM	Cocaine dependence, in remission	1,489	1,145	1
Cocaine remission, in IS care setting	F14.11	Diagnosis	ICD-10-CM	Cocaine abuse, in remission	1,009	796	2
Cocaine remission, in IS care setting	R45.851	Diagnosis	ICD-10-CM	Suicidal ideations	1,252	706	3
Cocaine remission, in IS care setting	F17.210	Diagnosis	ICD-10-CM	Nicotine dependence, cigarettes, uncomplicated	926	684	4
Cocaine remission, in IS care setting	F10.20	Diagnosis	ICD-10-CM	Alcohol dependence, uncomplicated	617	514	5
Cocaine remission, in IS care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	718	496	6
Cocaine remission, in IS care setting	F32.9	Diagnosis	ICD-10-CM	Major depressive disorder, single episode, unspecified	604	440	7
Cocaine remission, in IS care setting	I10	Diagnosis	ICD-10-CM	Essential (primary) hypertension	780	343	8
Cocaine remission, in IS care setting	F12.20	Diagnosis	ICD-10-CM	Cannabis dependence, uncomplicated	366	324	9
Cocaine remission, in IS care setting	F41.1	Diagnosis	ICD-10-CM	Generalized anxiety disorder	346	307	10
Cocaine use with psychotic disorder, in IS care setting	R45.851	Diagnosis	ICD-10-CM	Suicidal ideations	386	207	1
Cocaine use with psychotic disorder, in IS care setting	F17.210	Diagnosis	ICD-10-CM	Nicotine dependence, cigarettes, uncomplicated	268	197	2
Cocaine use with psychotic disorder, in IS care setting	F29	Diagnosis	ICD-10-CM	Unspecified psychosis not due to a substance or known physiological condition	233	148	3
Cocaine use with psychotic disorder, in IS care setting	F14.20	Diagnosis	ICD-10-CM	Cocaine dependence, uncomplicated	200	140	4
Cocaine use with psychotic disorder, in IS care setting	F14.259	Diagnosis	ICD-10-CM	Cocaine dependence with cocaine-induced psychotic disorder, unspecified	160	139	5
Cocaine use with psychotic disorder, in IS care setting	I10	Diagnosis	ICD-10-CM	Essential (primary) hypertension	246	129	6
Cocaine use with psychotic disorder, in IS care setting	F14.10	Diagnosis	ICD-10-CM	Cocaine abuse, uncomplicated	158	127	7
Cocaine use with psychotic disorder, in IS care setting	F32.9	Diagnosis	ICD-10-CM	Major depressive disorder, single episode, unspecified	174	120	8
Cocaine use with psychotic disorder, in IS care setting	Z91.14	Diagnosis	ICD-10-CM	Patient's other noncompliance with medication regimen	77	68	9

Table 6a. Most Frequent Diagnoses Among Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

ICD-10 Code Category and Care Setting ¹	Code			Code Description	Code Count	Patient	
	Code	Category	Code Type			Count	Rank
Cocaine use with psychotic disorder, in IS care setting	F14.159	Diagnosis	ICD-10-CM	Cocaine abuse with cocaine-induced psychotic disorder, unspecified	90	67	10
Cocaine use disorders (DSM-5), in IS care setting	F14.20	Diagnosis	ICD-10-CM	Cocaine dependence, uncomplicated	27,063	14,472	1
Cocaine use disorders (DSM-5), in IS care setting	F10.20	Diagnosis	ICD-10-CM	Alcohol dependence, uncomplicated	16,927	9,945	2
Cocaine use disorders (DSM-5), in IS care setting	F14.10	Diagnosis	ICD-10-CM	Cocaine abuse, uncomplicated	14,911	8,913	3
Cocaine use disorders (DSM-5), in IS care setting	R45.851	Diagnosis	ICD-10-CM	Suicidal ideations	16,047	6,726	4
Cocaine use disorders (DSM-5), in IS care setting	F17.210	Diagnosis	ICD-10-CM	Nicotine dependence, cigarettes, uncomplicated	9,495	6,145	5
Cocaine use disorders (DSM-5), in IS care setting	F11.20	Diagnosis	ICD-10-CM	Opioid dependence, uncomplicated	10,542	5,805	6
Cocaine use disorders (DSM-5), in IS care setting	F12.20	Diagnosis	ICD-10-CM	Cannabis dependence, uncomplicated	8,170	5,637	7
Cocaine use disorders (DSM-5), in IS care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	7,488	5,248	8
Cocaine use disorders (DSM-5), in IS care setting	F32.9	Diagnosis	ICD-10-CM	Major depressive disorder, single episode, unspecified	8,226	5,188	9
Cocaine use disorders (DSM-5), in IS care setting	F13.20	Diagnosis	ICD-10-CM	Sedative, hypnotic or anxiolytic dependence, uncomplicated	6,058	3,651	10
Alcohol-related disorders, in IS care setting	F10.20	Diagnosis	ICD-10-CM	Alcohol dependence, uncomplicated	135,363	73,869	1
Alcohol-related disorders, in IS care setting	F10.10	Diagnosis	ICD-10-CM	Alcohol abuse, uncomplicated	49,221	32,910	2
Alcohol-related disorders, in IS care setting	I10	Diagnosis	ICD-10-CM	Essential (primary) hypertension	69,084	32,792	3
Alcohol-related disorders, in IS care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	43,587	29,392	4
Alcohol-related disorders, in IS care setting	R45.851	Diagnosis	ICD-10-CM	Suicidal ideations	60,430	29,194	5
Alcohol-related disorders, in IS care setting	F32.9	Diagnosis	ICD-10-CM	Major depressive disorder, single episode, unspecified	45,026	28,798	6
Alcohol-related disorders, in IS care setting	F10.239	Diagnosis	ICD-10-CM	Alcohol dependence with withdrawal, unspecified	47,178	25,122	7
Alcohol-related disorders, in IS care setting	F17.210	Diagnosis	ICD-10-CM	Nicotine dependence, cigarettes, uncomplicated	39,090	24,705	8
Alcohol-related disorders, in IS care setting	F33.2	Diagnosis	ICD-10-CM	Major depressive disorder, recurrent severe without psychotic features	37,522	22,460	9
Alcohol-related disorders, in IS care setting	F41.1	Diagnosis	ICD-10-CM	Generalized anxiety disorder	23,561	17,792	10
Alcohol remission, in IS care setting	F10.21	Diagnosis	ICD-10-CM	Alcohol dependence, in remission	6,478	4,761	1
Alcohol remission, in IS care setting	R45.851	Diagnosis	ICD-10-CM	Suicidal ideations	5,032	2,628	2
Alcohol remission, in IS care setting	I10	Diagnosis	ICD-10-CM	Essential (primary) hypertension	4,305	2,388	3
Alcohol remission, in IS care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	2,856	2,057	4
Alcohol remission, in IS care setting	F10.11	Diagnosis	ICD-10-CM	Alcohol abuse, in remission	2,522	1,975	5

Table 6a. Most Frequent Diagnoses Among Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

ICD-10 Code Category and Care Setting ¹	Code				Code Count	Patient	
	Code	Category	Code Type	Code Description		Count	Rank
Alcohol remission, in IS care setting	F32.9	Diagnosis	ICD-10-CM	Major depressive disorder, single episode, unspecified	2,574	1,805	6
Alcohol remission, in IS care setting	F17.210	Diagnosis	ICD-10-CM	Nicotine dependence, cigarettes, uncomplicated	2,405	1,777	7
Alcohol remission, in IS care setting	F10.20	Diagnosis	ICD-10-CM	Alcohol dependence, uncomplicated	1,285	1,144	8
Alcohol remission, in IS care setting	F41.1	Diagnosis	ICD-10-CM	Generalized anxiety disorder	1,215	1,062	9
Alcohol remission, in IS care setting	F33.2	Diagnosis	ICD-10-CM	Major depressive disorder, recurrent severe without psychotic features	1,144	980	10
Alcohol use with psychotic disorder, in IS care setting	F10.231	Diagnosis	ICD-10-CM	Alcohol dependence with withdrawal delirium	7,555	3,600	1
Alcohol use with psychotic disorder, in IS care setting	I10	Diagnosis	ICD-10-CM	Essential (primary) hypertension	5,487	2,661	2
Alcohol use with psychotic disorder, in IS care setting	F10.239	Diagnosis	ICD-10-CM	Alcohol dependence with withdrawal, unspecified	4,166	2,075	3
Alcohol use with psychotic disorder, in IS care setting	F10.20	Diagnosis	ICD-10-CM	Alcohol dependence, uncomplicated	2,776	1,992	4
Alcohol use with psychotic disorder, in IS care setting	F10.10	Diagnosis	ICD-10-CM	Alcohol abuse, uncomplicated	2,582	1,605	5
Alcohol use with psychotic disorder, in IS care setting	F17.210	Diagnosis	ICD-10-CM	Nicotine dependence, cigarettes, uncomplicated	2,129	1,447	6
Alcohol use with psychotic disorder, in IS care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	1,933	1,358	7
Alcohol use with psychotic disorder, in IS care setting	F32.9	Diagnosis	ICD-10-CM	Major depressive disorder, single episode, unspecified	1,882	1,271	8
Alcohol use with psychotic disorder, in IS care setting	E87.6	Diagnosis	ICD-10-CM	Hypokalemia	2,432	946	9
Alcohol use with psychotic disorder, in IS care setting	R41.82	Diagnosis	ICD-10-CM	Altered mental status, unspecified	1,571	743	10
Alcohol use disorders (DSM-5), in IS care setting	F10.20	Diagnosis	ICD-10-CM	Alcohol dependence, uncomplicated	134,037	73,342	1
Alcohol use disorders (DSM-5), in IS care setting	F10.10	Diagnosis	ICD-10-CM	Alcohol abuse, uncomplicated	47,390	31,891	2
Alcohol use disorders (DSM-5), in IS care setting	I10	Diagnosis	ICD-10-CM	Essential (primary) hypertension	52,143	26,385	3
Alcohol use disorders (DSM-5), in IS care setting	F41.9	Diagnosis	ICD-10-CM	Anxiety disorder, unspecified	35,643	25,044	4
Alcohol use disorders (DSM-5), in IS care setting	R45.851	Diagnosis	ICD-10-CM	Suicidal ideations	48,776	24,565	5

Table 6a. Most Frequent Diagnoses Among Encounters with Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

ICD-10 Code Category and Care Setting ¹	Code			Code Description	Code Count	Patient	
	Code	Category	Code Type			Count	Rank
Alcohol use disorders (DSM-5), in IS care setting	F32.9	Diagnosis	ICD-10-CM	Major depressive disorder, single episode, unspecified	36,277	24,205	6
Alcohol use disorders (DSM-5), in IS care setting	F33.2	Diagnosis	ICD-10-CM	Major depressive disorder, recurrent severe without psychotic features	31,749	19,519	7
Alcohol use disorders (DSM-5), in IS care setting	F10.239	Diagnosis	ICD-10-CM	Alcohol dependence with withdrawal, unspecified	27,396	17,070	8
Alcohol use disorders (DSM-5), in IS care setting	F41.1	Diagnosis	ICD-10-CM	Generalized anxiety disorder	21,696	16,449	9
Alcohol use disorders (DSM-5), in IS care setting	F12.20	Diagnosis	ICD-10-CM	Cannabis dependence, uncomplicated	18,195	13,194	10

¹IP indicates Hospital Stay, IS indicates Non-Acute Institutional Stay, ED indicates Emergency Department, AV indicates Ambulatory Visit, and OA indicates Other Ambulatory

Table 6b. Most Frequent Diagnoses (Excluding Encounter-Defining Codes) Among Encounters with Any Cannabis, Cocaine, or Alcohol Related Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

Code Description	Cannabis-Related Disorders Any Care Setting				Cocaine-Related Disorders Any Care Setting			Alcohol-Related Disorders Any Care Setting		
	Code	Code Count	Patient Count	Rank	Code Count	Patient Count	Rank	Code Count	Patient Count	Rank
Anxiety disorder, unspecified	F41.9	414,308	138,894	1	118,259	30,594	3	990,342	262,611	2
Nicotine dependence, cigarettes, uncomplicated	F17.210	275,791	122,398	2	90,804	34,917	2	601,048	203,079	3
Essential (primary) hypertension	I10	276,748	106,212	3				1,506,370	402,899	1
Generalized anxiety disorder	F41.1	605,644	90,684	4				1,296,289	170,248	5
Other long term (current) drug therapy	Z79.899	188,425	90,045	5						
Alcohol dependence, uncomplicated	F10.20				582,074	36,645	1			
Major depressive disorder, single episode, unspecified	F32.9				97,193	25,389	4	626,059	175,881	4
Cannabis dependence, uncomplicated	F12.20				390,757	25,182	5			

Code Description	Cannabis-Related Disorders Inpatient Care Setting				Cocaine-Related Disorders Inpatient Care Setting			Alcohol-Related Disorders Inpatient Care Setting		
	Code	Code Count	Patient Count	Rank	Code Count	Patient Count	Rank	Code Count	Patient Count	Rank
Nicotine dependence, cigarettes, uncomplicated	F17.210	74,161	45,034	1	23,938	13,914	1	178,266	89,309	2
Anxiety disorder, unspecified	F41.9	59,314	38,164	2	11,521	7,313	4	117,648	63,557	4
Essential (primary) hypertension	I10	74,732	38,087	3	28,304	12,204	2	328,179	136,255	1
Major depressive disorder, single episode, unspecified	F32.9	44,316	29,223	4	9,668	5,896	5	92,298	46,472	5
Suicidal ideations	R45.851	49,197	27,105	5						
Alcohol dependence, uncomplicated	F10.20				17,193	8,240	3			
Hypokalemia	E87.6							148,404	67,813	3

Table 6b. Most Frequent Diagnoses (Excluding Encounter-Defining Codes) Among Encounters with Any Cannabis, Cocaine, or Alcohol Related Substance-Related Disorders in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

Code Description	Cannabis-Related Disorders				Cocaine-Related Disorders			Alcohol-Related Disorders		
	Code	Code Count	Emergency Department/Outpatient Care Setting		Code Count	Emergency Department/Outpatient Care Setting		Code Count	Emergency Department/Outpatient Care Setting	
			Patient Count	Rank		Patient Count	Rank		Patient Count	Rank
Anxiety disorder, unspecified	F41.9	327,023	95,825	1	94,633	19,863	4	806,633	204,489	2
Generalized anxiety disorder	F41.1	568,275	74,711	2				1,224,535	149,802	3
Nicotine dependence, cigarettes, uncomplicated	F17.210	169,151	71,488	3						
Other long term (current) drug therapy	Z79.899	152,175	69,208	4						
Essential (primary) hypertension	I10	175,322	67,160	5	60,024	16,554	5	1,102,253	322,053	1
Alcohol dependence, uncomplicated	F10.20				549,477	29,223	1			
Opioid dependence, uncomplicated	F11.20				511,208	21,417	2			
Cannabis dependence, uncomplicated	F12.20				370,826	20,036	3			
Encounter for immunization	Z79.899							339,339	140,004	4
Encounter for general adult medical examination without abnormal findings	Z00.00							194,279	130,601	5

*Bold text indicates a diagnosis code that is common across all cohorts of interest.

Table 6c. Most Frequent Diagnoses (Excluding Encounter-Defining Codes) Among Encounters with Cannabis, Cocaine, or Alcohol-Related Disorders, DSM-5 Substance Use Disorder Definition, in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

Code Description	Code	Cannabis-Related Disorders Any Care Setting			Cocaine-Related Disorders Any Care Setting			Alcohol-Related Disorders Any Care Setting		
		Code Count	Patient Count	Rank	Code Count	Patient Count	Rank	Code Count	Patient Count	Rank
Anxiety disorder, unspecified	F41.9	290,728	82,753	1	105,551	25,700	3	845,813	223,286	2
Alcohol dependence, uncomplicated	F10.20	973,157	72,727	2	627,842	40,458	1			
Generalized anxiety disorder	F41.1	532,623	70,863	3				1,223,329	157,264	4
Nicotine dependence, cigarettes, uncomplicated	F17.210	162,681	69,844	4	74,338	28,832	2	461,094	160,577	3
Major depressive disorder, single episode,	F32.9	205,214	62,202	5				522,564	143,886	5
Cannabis dependence, uncomplicated	F12.20				386,277	24,422	4			
Opioid dependence, uncomplicated	F11.20				525,896	24,252	5			
Essential (primary) hypertension	I10							1,217,192	345,060	1

Code Description	Code	Cannabis-Related Disorders Inpatient Care Setting			Cocaine-Related Disorders Inpatient Care Setting			Alcohol-Related Disorders Inpatient Care Setting		
		Code Count	Patient Count	Rank	Code Count	Patient Count	Rank	Code Count	Patient Count	Rank
Nicotine dependence, cigarettes, uncomplicated	F17.210	39,691	24,651	1	19,146	11,297	1	143,229	74,739	2
Anxiety disorder, unspecified	F41.9	32,370	21,244	2	9,236	5,914	4	90,202	51,276	4
Suicidal ideations	R45.851	35,340	20,065	3						
Major depressive disorder, single episode, unspecified	F32.9	26,372	17,773	4	8,989	5,798	5	70,461	37,449	5
Essential (primary) hypertension	I10	31,987	16,841	5	16,862	6,743	3	261,864	114,055	1
Alcohol dependence, uncomplicated	F10.20				16,237	7,699	2			
Hypokalemia	E87.6							111,902	53,329	3

Table 6c. Most Frequent Diagnoses (Excluding Encounter-Defining Codes) Among Encounters with Cannabis, Cocaine, or Alcohol-Related Disorders, DSM-5 Substance Use Disorder Definition, in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

Code Description	Code	Cannabis-Related Disorders Emergency Department/Outpatient Care Setting			Cocaine-Related Disorders Emergency Department/Outpatient Care Setting			Alcohol-Related Disorders Emergency Department/Outpatient Care Setting		
		Code Count	Patient Count	Rank	Code Count	Patient Count	Rank	Code Count	Patient Count	Rank
Alcohol dependence, uncomplicated	F10.20	998,800	64,650	1	591,453	32,455	1			
Generalized anxiety disorder	F41.1	502,235	58,221	2				1,173,331	141,552	3
Anxiety disorder, unspecified	F41.9	238,793	56,010	3	86,127	16,774	4	699,514	172,179	2
Opioid dependence, uncomplicated	F11.20	795,289	39,100	4	504,877	20,849	2			
Other long term (current) drug therapy	Z79.899	86,985	34,472	5						
Cannabis dependence, uncomplicated	F12.20				368,173	19,722	3			
Essential (primary) hypertension	I10				50,195	14,009	5	892,857	272,602	1
Encounter for immunization	Z79.899							250,353	100,314	5
Encounter for general adult medical examination without abnormal findings	Z00.00							177,239	119,082	4

*Bold text indicates a diagnosis code that is common across all cohorts of interest.

Table 7. Summary of Episode Level Cohort Attrition in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

	Any Care Setting					
	Any Cannabis-Related Disorder		Any Cocaine-Related Disorder		Any Alcohol-Related Disorder	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements						
Enrolled at any point during the query period	130,427,815	N/A	130,427,815	N/A	130,427,815	N/A
Had required coverage type (medical and/or drug coverage)	116,266,314	14,161,501	116,266,314	14,161,501	116,266,314	14,161,501
Enrolled during specified age range	87,333,236	28,933,078	87,333,236	28,933,078	87,333,236	28,933,078
Had requestable medical charts	87,333,236	0	87,333,236	0	87,333,236	0
Met demographic requirements (sex, race, and Hispanic origin)	87,190,097	143,139	87,190,097	143,139	87,190,097	143,139
Members with a valid index event						
Had any cohort-defining claim during the query period	921,735	86,268,362	207,721	86,982,376	1,837,659	85,352,438
Cohort episodes with a valid index date						
Total number of claims with cohort-identifying codes during the query period	5,254,145	N/A	1,906,735	N/A	14,157,460	N/A
Claim recorded during specified age range	4,578,624	675,521	1,804,139	102,596	13,040,527	1,116,933
Episode defining index claim recorded during the query period	4,578,624	0	1,804,139	0	13,040,527	0
Cohort episodes with required pre-index history						
Had sufficient pre-index continuous enrollment	3,826,222	752,402	1,483,091	321,048	11,022,179	2,018,348
Met inclusion and exclusion criteria ¹	3,826,222	0	1,483,091	0	11,022,179	0
<i>Evidence of Inpatient stay</i>	N/A	N/A	N/A	N/A	N/A	N/A
Cohort episodes with required post-index follow-up						
Had sufficient post-index continuous enrollment	3,826,222	0	1,483,091	0	11,022,179	0
Final cohort						
Number of members	667,144	N/A	148,033	N/A	1,370,123	N/A
Number of episodes	3,826,222	N/A	1,483,091	N/A	11,022,179	N/A

Table 7. Summary of Episode Level Cohort Attrition in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

	Any Care Setting					
	Cannabis Use Remission		Cocaine Use Remission		Alcohol Use Remission	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements						
Enrolled at any point during the query period	130,427,815	N/A	130,427,815	N/A	130,427,815	N/A
Had required coverage type (medical and/or drug coverage)	116,266,314	14,161,501	116,266,314	14,161,501	116,266,314	14,161,501
Enrolled during specified age range	87,333,236	28,933,078	87,333,236	28,933,078	87,333,236	28,933,078
Had requestable medical charts	87,333,236	0	87,333,236	0	87,333,236	0
Met demographic requirements (sex, race, and Hispanic origin)	87,190,097	143,139	87,190,097	143,139	87,190,097	143,139
Members with a valid index event						
Had any cohort-defining claim during the query period	44,943	87,145,154	42,308	87,147,789	352,935	86,837,162
Cohort episodes with a valid index date						
Total number of claims with cohort-identifying codes during the query period	247,899	N/A	217,480	N/A	1,523,295	N/A
Claim recorded during specified age range	218,187	29,712	192,623	24,857	1,328,396	194,899
Episode defining index claim recorded during the query period	218,187	0	192,623	0	1,328,396	0
Cohort episodes with required pre-index history						
Had sufficient pre-index continuous enrollment	181,416	36,771	156,974	35,649	1,125,503	202,893
Met inclusion and exclusion criteria ¹	181,416	0	156,974	0	1,125,503	0
<i>Evidence of Inpatient stay</i>	N/A	N/A	N/A	N/A	N/A	N/A
Cohort episodes with required post-index follow-up						
Had sufficient post-index continuous enrollment	181,416	0	156,974	0	1,125,503	0
Final cohort						
Number of members	32,165	N/A	27,894	N/A	248,700	N/A
Number of episodes	181,416	N/A	156,974	N/A	1,125,503	N/A

Table 7. Summary of Episode Level Cohort Attrition in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

	Any Care Setting					
	Cannabis Use with Psychotic Disorder		Cocaine Use with Psychotic Disorder		Alcohol Use with Psychotic Disorder	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements						
Enrolled at any point during the query period	130,427,815	N/A	130,427,815	N/A	130,427,815	N/A
Had required coverage type (medical and/or drug coverage)	116,266,314	14,161,501	116,266,314	14,161,501	116,266,314	14,161,501
Enrolled during specified age range	87,333,236	28,933,078	87,333,236	28,933,078	87,333,236	28,933,078
Had requestable medical charts	87,333,236	0	87,333,236	0	87,333,236	0
Met demographic requirements (sex, race, and Hispanic origin)	87,190,097	143,139	87,190,097	143,139	87,190,097	143,139
Members with a valid index event						
Had any cohort-defining claim during the query period	10,919	87,179,178	3,151	87,186,946	63,490	87,126,607
Cohort episodes with a valid index date						
Total number of claims with cohort-identifying codes during the query period	34,450	N/A	7,889	N/A	144,579	N/A
Claim recorded during specified age range	30,791	3,659	7,477	412	125,655	18,924
Episode defining index claim recorded during the query period	30,791	0	7,477	0	125,655	0
Cohort episodes with required pre-index history						
Had sufficient pre-index continuous enrollment	26,241	4,550	5,932	1,545	102,432	23,223
Met inclusion and exclusion criteria ¹	26,241	0	5,932	0	102,432	0
<i>Evidence of Inpatient stay</i>	N/A	N/A	N/A	N/A	N/A	N/A
Cohort episodes with required post-index follow-up						
Had sufficient post-index continuous enrollment	26,241	0	5,932	0	102,432	0
Final cohort						
Number of members	8,135	N/A	2,311	N/A	45,840	N/A
Number of episodes	26,241	N/A	5,932	N/A	102,432	N/A

Table 7. Summary of Episode Level Cohort Attrition in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

	Any Care Setting					
	Cannabis Use Disorder (DSM-5 Definition)		Cocaine Use Disorder (DSM-5 Definition)		Alcohol Use Disorder (DSM-5 Definition)	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements						
Enrolled at any point during the query period	130,427,815	N/A	130,427,815	N/A	130,427,815	N/A
Had required coverage type (medical and/or drug coverage)	116,266,314	14,161,501	116,266,314	14,161,501	116,266,314	14,161,501
Enrolled during specified age range	87,333,236	28,933,078	87,333,236	28,933,078	87,333,236	28,933,078
Had requestable medical charts	87,333,236	0	87,333,236	0	87,333,236	0
Met demographic requirements (sex, race, and Hispanic origin)	87,190,097	143,139	87,190,097	143,139	87,190,097	143,139
Members with a valid index event						
Had any cohort-defining claim during the query period	575,465	86,614,632	180,906	87,009,191	1,488,093	85,702,004
Cohort episodes with a valid index date						
Total number of claims with cohort-identifying codes during the query period	4,333,462	N/A	1,784,543	N/A	12,585,004	N/A
Claim recorded during specified age range	3,765,726	567,736	1,693,913	90,630	11,636,415	948,589
Episode defining index claim recorded during the query period	3,765,726	0	1,693,913	0	11,636,415	0
Cohort episodes with required pre-index history						
Had sufficient pre-index continuous enrollment	3,164,322	601,404	1,396,693	297,220	9,863,711	1,772,704
Met inclusion and exclusion criteria ¹	3,164,322	0	1,396,693	0	9,863,711	0
<i>Evidence of Inpatient stay</i>	N/A	N/A	N/A	N/A	N/A	N/A
Cohort episodes with required post-index follow-up						
Had sufficient post-index continuous enrollment	3,164,322	0	1,396,693	0	9,863,711	0
Final cohort						
Number of members	415,538	N/A	129,020	N/A	1,104,323	N/A
Number of episodes	3,164,322	N/A	1,396,693	N/A	9,863,711	N/A

Table 7. Summary of Episode Level Cohort Attrition in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

	Emergency Department Visit or Outpatient Care Setting					
	Any Cannabis-Related Disorder		Any Cocaine-Related Disorder		Any Alcohol-Related Disorder	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements						
Enrolled at any point during the query period	130,427,815	N/A	130,427,815	N/A	130,427,815	N/A
Had required coverage type (medical and/or drug coverage)	116,266,314	14,161,501	116,266,314	14,161,501	116,266,314	14,161,501
Enrolled during specified age range	87,333,236	28,933,078	87,333,236	28,933,078	87,333,236	28,933,078
Had requestable medical charts	87,333,236	0	87,333,236	0	87,333,236	0
Met demographic requirements (sex, race, and Hispanic origin)	87,190,097	143,139	87,190,097	143,139	87,190,097	143,139
Members with a valid index event						
Had any cohort-defining claim during the query period	784,499	86,405,598	173,202	87,016,895	1,689,231	85,500,866
Cohort episodes with a valid index date						
Total number of claims with cohort-identifying codes during the query period	4,865,912	N/A	1,770,695	N/A	13,210,435	N/A
Claim recorded during specified age range	4,234,798	631,114	1,679,229	91,466	12,198,178	1,012,257
Episode defining index claim recorded during the query period	4,234,798	0	1,679,229	0	12,198,178	0
Cohort episodes with required pre-index history						
Had sufficient pre-index continuous enrollment	3,548,079	686,719	1,385,391	293,838	10,332,550	1,865,628
Met inclusion and exclusion criteria ¹	3,523,861	24,218	1,377,626	7,765	10,239,206	93,344
<i>Evidence of Inpatient stay</i>	N/A	24,218	N/A	7,765	N/A	93,344
Cohort episodes with required post-index follow-up						
Had sufficient post-index continuous enrollment	3,523,861	0	1,377,626	0	10,239,206	0
Final cohort						
Number of members	560,689	N/A	122,239	N/A	1,253,337	N/A
Number of episodes	3,523,861	N/A	1,377,626	N/A	10,239,206	N/A

Table 7. Summary of Episode Level Cohort Attrition in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

	Emergency Department Visit or Outpatient Care Setting					
	Cannabis Use Remission		Cocaine Use Remission		Alcohol Use Remission	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements						
Enrolled at any point during the query period	130,427,815	N/A	130,427,815	N/A	130,427,815	N/A
Had required coverage type (medical and/or drug coverage)	116,266,314	14,161,501	116,266,314	14,161,501	116,266,314	14,161,501
Enrolled during specified age range	87,333,236	28,933,078	87,333,236	28,933,078	87,333,236	28,933,078
Had requestable medical charts	87,333,236	0	87,333,236	0	87,333,236	0
Met demographic requirements (sex, race, and Hispanic origin)	87,190,097	143,139	87,190,097	143,139	87,190,097	143,139
Members with a valid index event						
Had any cohort-defining claim during the query period	40,286	87,149,811	37,098	87,152,999	324,421	86,865,676
Cohort episodes with a valid index date						
Total number of claims with cohort-identifying codes during the query period	239,937	N/A	208,029	N/A	1,451,179	N/A
Claim recorded during specified age range	211,134	28,803	184,189	23,840	1,268,650	182,529
Episode defining index claim recorded during the query period	211,134	0	184,189	0	1,268,650	0
Cohort episodes with required pre-index history						
Had sufficient pre-index continuous enrollment	175,700	35,434	150,340	33,849	1,076,304	192,346
Met inclusion and exclusion criteria ¹	175,461	239	150,070	270	1,073,101	3,203
<i>Evidence of Inpatient stay</i>	N/A	239	N/A	270	N/A	3,203
Cohort episodes with required post-index follow-up						
Had sufficient post-index continuous enrollment	175,461	0	150,070	0	1,073,101	0
Final cohort						
Number of members	28,770	N/A	24,196	N/A	228,259	N/A
Number of episodes	175,461	N/A	150,070	N/A	1,073,101	N/A

Table 7. Summary of Episode Level Cohort Attrition in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

	Emergency Department Visit or Outpatient Care Setting					
	Cannabis Use with Psychotic Disorder		Cocaine Use with Psychotic Disorder		Alcohol Use with Psychotic Disorder	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements						
Enrolled at any point during the query period	130,427,815	N/A	130,427,815	N/A	130,427,815	N/A
Had required coverage type (medical and/or drug coverage)	116,266,314	14,161,501	116,266,314	14,161,501	116,266,314	14,161,501
Enrolled during specified age range	87,333,236	28,933,078	87,333,236	28,933,078	87,333,236	28,933,078
Had requestable medical charts	87,333,236	0	87,333,236	0	87,333,236	0
Met demographic requirements (sex, race, and Hispanic origin)	87,190,097	143,139	87,190,097	143,139	87,190,097	143,139
Members with a valid index event						
Had any cohort-defining claim during the query period	7,728	87,182,369	1,975	87,188,122	35,216	87,154,881
Cohort episodes with a valid index date						
Total number of claims with cohort-identifying codes during the query period	29,343	N/A	6,062	N/A	79,937	N/A
Claim recorded during specified age range	26,124	3,219	5,756	306	68,619	11,318
Episode defining index claim recorded during the query period	26,124	0	5,756	0	68,619	0
Cohort episodes with required pre-index history						
Had sufficient pre-index continuous enrollment	22,424	3,700	4,618	1,138	55,548	13,071
Met inclusion and exclusion criteria ¹	22,191	233	4,553	65	52,377	3,171
<i>Evidence of Inpatient stay</i>	N/A	233	N/A	65	N/A	3,171
Cohort episodes with required post-index follow-up						
Had sufficient post-index continuous enrollment	22,191	0	4,553	0	52,377	0
Final cohort						
Number of members	5,578	N/A	1,416	N/A	24,007	N/A
Number of episodes	22,191	N/A	4,553	N/A	52,377	N/A

Table 7. Summary of Episode Level Cohort Attrition in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

	Emergency Department Visit or Outpatient Care Setting					
	Cannabis Use Disorder (DSM-5 Definition)		Cocaine Use Disorder (DSM-5 Definition)		Alcohol Use Disorder (DSM-5 Definition)	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements						
Enrolled at any point during the query period	130,427,815	N/A	130,427,815	N/A	130,427,815	N/A
Had required coverage type (medical and/or drug coverage)	116,266,314	14,161,501	116,266,314	14,161,501	116,266,314	14,161,501
Enrolled during specified age range	87,333,236	28,933,078	87,333,236	28,933,078	87,333,236	28,933,078
Had requestable medical charts	87,333,236	0	87,333,236	0	87,333,236	0
Met demographic requirements (sex, race, and Hispanic origin)	87,190,097	143,139	87,190,097	143,139	87,190,097	143,139
Members with a valid index event						
Had any cohort-defining claim during the query period	492,941	86,697,156	151,298	87,038,799	1,352,226	85,837,871
Cohort episodes with a valid index date						
Total number of claims with cohort-identifying codes during the query period	4,087,676	N/A	1,668,506	N/A	11,813,020	N/A
Claim recorded during specified age range	3,548,239	539,437	1,586,839	81,667	10,951,841	861,179
Episode defining index claim recorded during the query period	3,548,239	0	1,586,839	0	10,951,841	0
Cohort episodes with required pre-index history						
Had sufficient pre-index continuous enrollment	2,987,982	560,257	1,312,686	274,153	9,302,691	1,649,150
Met inclusion and exclusion criteria ¹	2,975,882	12,100	1,306,536	6,150	9,249,355	53,336
<i>Evidence of Inpatient stay</i>	N/A	12,100	N/A	6,150	N/A	53,336
Cohort episodes with required post-index follow-up						
Had sufficient post-index continuous enrollment	2,975,882	0	1,306,536	0	9,249,355	0
Final cohort						
Number of members	353,384	N/A	107,143	N/A	1,001,320	N/A
Number of episodes	2,975,882	N/A	1,306,536	N/A	9,249,355	N/A

Table 7. Summary of Episode Level Cohort Attrition in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

	Inpatient Care Setting					
	Any Cannabis-Related Disorder		Any Cocaine-Related Disorder		Any Alcohol-Related Disorder	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements						
Enrolled at any point during the query period	130,427,815	N/A	130,427,815	N/A	130,427,815	N/A
Had required coverage type (medical and/or drug coverage)	116,266,314	14,161,501	116,266,314	14,161,501	116,266,314	14,161,501
Enrolled during specified age range	87,333,236	28,933,078	87,333,236	28,933,078	87,333,236	28,933,078
Had requestable medical charts	87,333,236	0	87,333,236	0	87,333,236	0
Met demographic requirements (sex, race, and Hispanic origin)	87,190,097	143,139	87,190,097	143,139	87,190,097	143,139
Members with a valid index event						
Had any cohort-defining claim during the query period	201,333	86,988,764	53,779	87,136,318	398,465	86,791,632
Cohort episodes with a valid index date						
Total number of claims with cohort-identifying codes during the query period	272,898	N/A	86,596	N/A	749,939	N/A
Claim recorded during specified age range	241,323	31,575	77,993	8,603	660,632	89,307
Episode defining index claim recorded during the query period	241,323	0	77,993	0	660,632	0
Cohort episodes with required pre-index history						
Had sufficient pre-index continuous enrollment	195,931	45,392	61,207	16,786	543,003	117,629
Met inclusion and exclusion criteria ¹	195,931	0	61,207	0	543,003	0
<i>Evidence of Inpatient stay</i>	N/A	N/A	N/A	N/A	N/A	N/A
Cohort episodes with required post-index follow-up						
Had sufficient post-index continuous enrollment	195,931	0	61,207	0	543,003	0
Final cohort						
Number of members	144,480	N/A	37,953	N/A	288,619	N/A
Number of episodes	195,931	N/A	61,207	N/A	543,003	N/A

Table 7. Summary of Episode Level Cohort Attrition in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

	Inpatient Care Setting					
	Cannabis Use Remission		Cocaine Use Remission		Alcohol Use Remission	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements						
Enrolled at any point during the query period	130,427,815	N/A	130,427,815	N/A	130,427,815	N/A
Had required coverage type (medical and/or drug coverage)	116,266,314	14,161,501	116,266,314	14,161,501	116,266,314	14,161,501
Enrolled during specified age range	87,333,236	28,933,078	87,333,236	28,933,078	87,333,236	28,933,078
Had requestable medical charts	87,333,236	0	87,333,236	0	87,333,236	0
Met demographic requirements (sex, race, and Hispanic origin)	87,190,097	143,139	87,190,097	143,139	87,190,097	143,139
Members with a valid index event						
Had any cohort-defining claim during the query period	4,313	87,185,784	5,319	87,184,778	45,897	87,144,200
Cohort episodes with a valid index date						
Total number of claims with cohort-identifying codes during the query period	5,101	N/A	6,418	N/A	61,251	N/A
Claim recorded during specified age range	4,489	612	5,606	812	50,312	10,939
Episode defining index claim recorded during the query period	4,489	0	5,606	0	50,312	0
Cohort episodes with required pre-index history						
Had sufficient pre-index continuous enrollment	3,709	780	4,473	1,133	41,652	8,660
Met inclusion and exclusion criteria ¹	3,709	0	4,473	0	41,652	0
<i>Evidence of Inpatient stay</i>	N/A	N/A	N/A	N/A	N/A	N/A
Cohort episodes with required post-index follow-up						
Had sufficient post-index continuous enrollment	3,709	0	4,473	0	41,652	0
Final cohort						
Number of members	3,144	N/A	3,707	N/A	31,450	N/A
Number of episodes	3,709	N/A	4,473	N/A	41,652	N/A

Table 7. Summary of Episode Level Cohort Attrition in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

	Inpatient Care Setting					
	Cannabis Use with Psychotic Disorder		Cocaine Use with Psychotic Disorder		Alcohol Use with Psychotic Disorder	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements						
Enrolled at any point during the query period	130,427,815	N/A	130,427,815	N/A	130,427,815	N/A
Had required coverage type (medical and/or drug coverage)	116,266,314	14,161,501	116,266,314	14,161,501	116,266,314	14,161,501
Enrolled during specified age range	87,333,236	28,933,078	87,333,236	28,933,078	87,333,236	28,933,078
Had requestable medical charts	87,333,236	0	87,333,236	0	87,333,236	0
Met demographic requirements (sex, race, and Hispanic origin)	87,190,097	143,139	87,190,097	143,139	87,190,097	143,139
Members with a valid index event						
Had any cohort-defining claim during the query period	2,675	87,187,422	907	87,189,190	36,644	87,153,453
Cohort episodes with a valid index date						
Total number of claims with cohort-identifying codes during the query period	3,078	N/A	1,024	N/A	56,708	N/A
Claim recorded during specified age range	2,797	281	964	60	50,555	6,153
Episode defining index claim recorded during the query period	2,797	0	964	0	50,555	0
Cohort episodes with required pre-index history						
Had sufficient pre-index continuous enrollment	2,280	517	756	208	41,702	8,853
Met inclusion and exclusion criteria ¹	2,280	0	756	0	41,702	0
<i>Evidence of Inpatient stay</i>	N/A	N/A	N/A	N/A	N/A	N/A
Cohort episodes with required post-index follow-up						
Had sufficient post-index continuous enrollment	2,280	0	756	0	41,702	0
Final cohort						
Number of members	1,992	N/A	669	N/A	26,527	N/A
Number of episodes	2,280	N/A	756	N/A	41,702	N/A

Table 7. Summary of Episode Level Cohort Attrition in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

	Inpatient Care Setting					
	Cannabis Use Disorder (DSM-5 Definition)		Cocaine Use Disorder (DSM-5 Definition)		Alcohol Use Disorder (DSM-5 Definition)	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements						
Enrolled at any point during the query period	130,427,815	N/A	130,427,815	N/A	130,427,815	N/A
Had required coverage type (medical and/or drug coverage)	116,266,314	14,161,501	116,266,314	14,161,501	116,266,314	14,161,501
Enrolled during specified age range	87,333,236	28,933,078	87,333,236	28,933,078	87,333,236	28,933,078
Had requestable medical charts	87,333,236	0	87,333,236	0	87,333,236	0
Met demographic requirements (sex, race, and Hispanic origin)	87,190,097	143,139	87,190,097	143,139	87,190,097	143,139
Members with a valid index event						
Had any cohort-defining claim during the query period	109,570	87,080,527	44,605	87,145,492	332,692	86,857,405
Cohort episodes with a valid index date						
Total number of claims with cohort-identifying codes during the query period	151,021	N/A	71,348	N/A	585,919	N/A
Claim recorded during specified age range	133,079	17,942	64,589	6,759	512,612	73,307
Episode defining index claim recorded during the query period	133,079	0	64,589	0	512,612	0
Cohort episodes with required pre-index history						
Had sufficient pre-index continuous enrollment	108,449	24,630	50,835	13,754	422,188	90,424
Met inclusion and exclusion criteria ¹	108,449	0	50,835	0	422,188	0
<i>Evidence of Inpatient stay</i>	N/A	N/A	N/A	N/A	N/A	N/A
Cohort episodes with required post-index follow-up						
Had sufficient post-index continuous enrollment	108,449	0	50,835	0	422,188	0
Final cohort						
Number of members	78,349	N/A	31,591	N/A	240,227	N/A
Number of episodes	108,449	N/A	50,835	N/A	422,188	N/A

Table 7. Summary of Episode Level Cohort Attrition in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

	Non-Acute Institutional Stay Care Setting					
	Any Cannabis-Related Disorder		Any Cocaine-Related Disorder		Any Alcohol-Related Disorder	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements						
Enrolled at any point during the query period	130,427,815	N/A	130,427,815	N/A	130,427,815	N/A
Had required coverage type (medical and/or drug coverage)	116,266,314	14,161,501	116,266,314	14,161,501	116,266,314	14,161,501
Enrolled during specified age range	87,333,236	28,933,078	87,333,236	28,933,078	87,333,236	28,933,078
Had requestable medical charts	87,333,236	0	87,333,236	0	87,333,236	0
Met demographic requirements (sex, race, and Hispanic origin)	87,190,097	143,139	87,190,097	143,139	87,190,097	143,139
Members with a valid index event						
Had any cohort-defining claim during the query period	83,954	87,106,143	32,562	87,157,535	144,611	87,045,486
Cohort episodes with a valid index date						
Total number of claims with cohort-identifying codes during the query period	122,017	N/A	53,675	N/A	238,295	N/A
Claim recorded during specified age range	108,417	13,600	50,818	2,857	217,697	20,598
Episode defining index claim recorded during the query period	108,417	0	50,818	0	217,697	0
Cohort episodes with required pre-index history						
Had sufficient pre-index continuous enrollment	86,912	21,505	39,299	11,519	175,002	42,695
Met inclusion and exclusion criteria ¹	86,912	0	39,299	0	175,002	0
<i>Evidence of Inpatient stay</i>	N/A	N/A	N/A	N/A	N/A	N/A
Cohort episodes with required post-index follow-up						
Had sufficient post-index continuous enrollment	86,912	0	39,299	0	175,002	0
Final cohort						
Number of members	59,516	N/A	23,726	N/A	105,810	N/A
Number of episodes	86,912	N/A	39,299	N/A	175,002	N/A

Table 7. Summary of Episode Level Cohort Attrition in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

	Non-Acute Institutional Stay Care Setting					
	Cannabis Use Remission		Cocaine Use Remission		Alcohol Use Remission	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements						
Enrolled at any point during the query period	130,427,815	N/A	130,427,815	N/A	130,427,815	N/A
Had required coverage type (medical and/or drug coverage)	116,266,314	14,161,501	116,266,314	14,161,501	116,266,314	14,161,501
Enrolled during specified age range	87,333,236	28,933,078	87,333,236	28,933,078	87,333,236	28,933,078
Had requestable medical charts	87,333,236	0	87,333,236	0	87,333,236	0
Met demographic requirements (sex, race, and Hispanic origin)	87,190,097	143,139	87,190,097	143,139	87,190,097	143,139
Members with a valid index event						
Had any cohort-defining claim during the query period	2,556	87,187,541	2,645	87,187,452	9,448	87,180,649
Cohort episodes with a valid index date						
Total number of claims with cohort-identifying codes during the query period	2,891	N/A	3,077	N/A	11,161	N/A
Claim recorded during specified age range	2,590	301	2,868	209	9,671	1,490
Episode defining index claim recorded during the query period	2,590	0	2,868	0	9,671	0
Cohort episodes with required pre-index history						
Had sufficient pre-index continuous enrollment	2,028	562	2,193	675	7,737	1,934
Met inclusion and exclusion criteria ¹	2,028	0	2,193	0	7,737	0
<i>Evidence of Inpatient stay</i>	N/A	N/A	N/A	N/A	N/A	N/A
Cohort episodes with required post-index follow-up						
Had sufficient post-index continuous enrollment	2,028	0	2,193	0	7,737	0
Final cohort						
Number of members	1,783	N/A	1,865	N/A	6,463	N/A
Number of episodes	2,028	N/A	2,193	N/A	7,737	N/A

Table 7. Summary of Episode Level Cohort Attrition in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

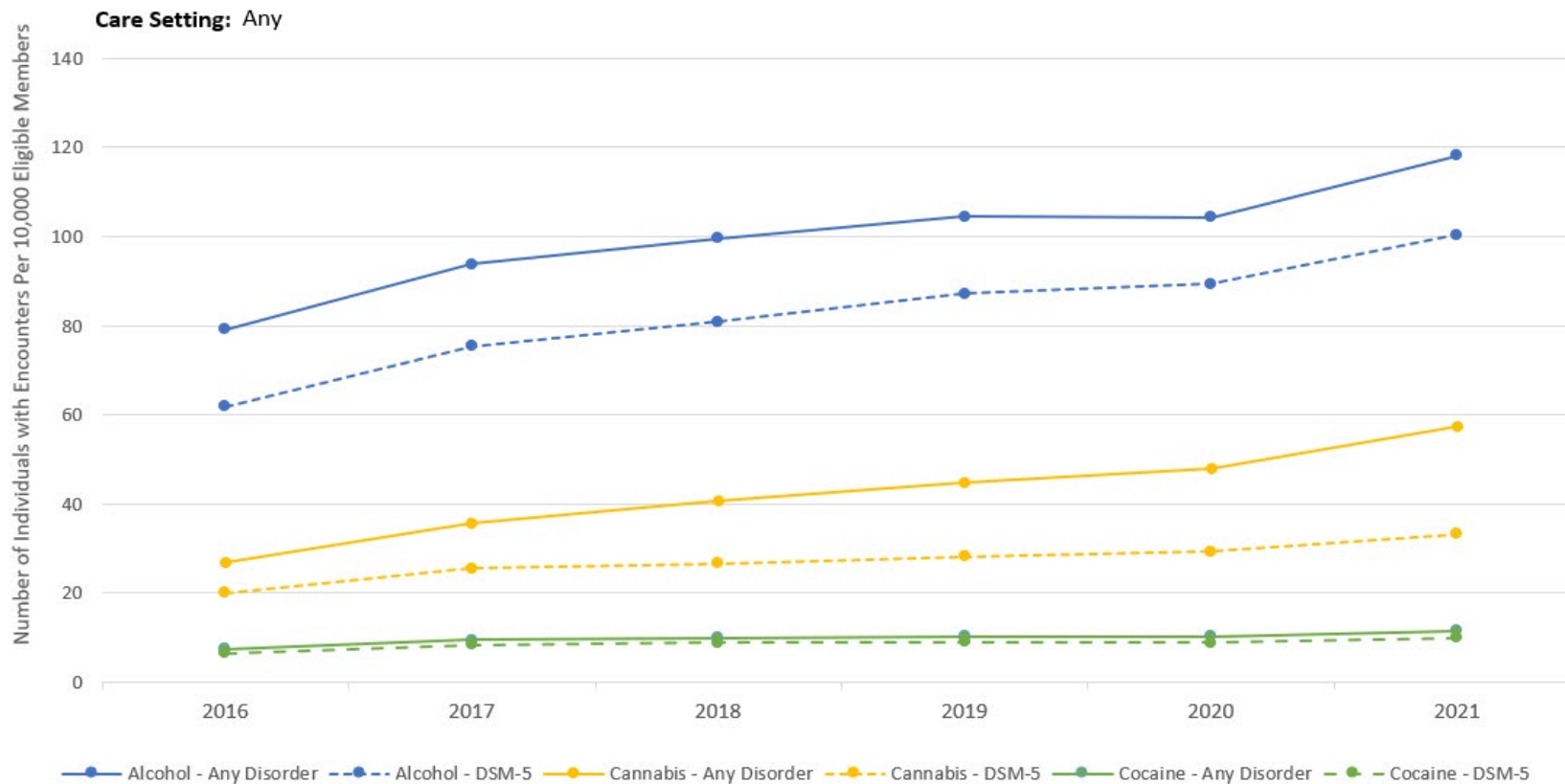
	Non-Acute Institutional Stay Care Setting					
	Cannabis Use with Psychotic Disorder		Cocaine Use with Psychotic Disorder		Alcohol Use with Psychotic Disorder	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements						
Enrolled at any point during the query period	130,427,815	N/A	130,427,815	N/A	130,427,815	N/A
Had required coverage type (medical and/or drug coverage)	116,266,314	14,161,501	116,266,314	14,161,501	116,266,314	14,161,501
Enrolled during specified age range	87,333,236	28,933,078	87,333,236	28,933,078	87,333,236	28,933,078
Had requestable medical charts	87,333,236	0	87,333,236	0	87,333,236	0
Met demographic requirements (sex, race, and Hispanic origin)	87,190,097	143,139	87,190,097	143,139	87,190,097	143,139
Members with a valid index event						
Had any cohort-defining claim during the query period	1,899	87,188,198	722	87,189,375	7,169	87,182,928
Cohort episodes with a valid index date						
Total number of claims with cohort-identifying codes during the query period	2,095	N/A	836	N/A	8,923	N/A
Claim recorded during specified age range	1,932	163	789	47	7,263	1,660
Episode defining index claim recorded during the query period	1,932	0	789	0	7,263	0
Cohort episodes with required pre-index history						
Had sufficient pre-index continuous enrollment	1,583	349	584	205	5,777	1,486
Met inclusion and exclusion criteria ¹	1,583	0	584	0	5,777	0
<i>Evidence of Inpatient stay</i>	N/A	N/A	N/A	N/A	N/A	N/A
Cohort episodes with required post-index follow-up						
Had sufficient post-index continuous enrollment	1,583	0	584	0	5,777	0
Final cohort						
Number of members	1,444	N/A	506	N/A	4,724	N/A
Number of episodes	1,583	N/A	584	N/A	5,777	N/A

Table 7. Summary of Episode Level Cohort Attrition in the Sentinel Distributed Database (SDD) from April 1, 2016 to June 30, 2022

	Non-Acute Institutional Stay Care Setting					
	Cannabis Use Disorder (DSM-5 Definition)		Cocaine Use Disorder (DSM-5 Definition)		Alcohol Use Disorder (DSM-5 Definition)	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements						
Enrolled at any point during the query period	130,427,815	N/A	130,427,815	N/A	130,427,815	N/A
Had required coverage type (medical and/or drug coverage)	116,266,314	14,161,501	116,266,314	14,161,501	116,266,314	14,161,501
Enrolled during specified age range	87,333,236	28,933,078	87,333,236	28,933,078	87,333,236	28,933,078
Had requestable medical charts	87,333,236	0	87,333,236	0	87,333,236	0
Met demographic requirements (sex, race, and Hispanic origin)	87,190,097	143,139	87,190,097	143,139	87,190,097	143,139
Members with a valid index event						
Had any cohort-defining claim during the query period	68,332	87,121,765	29,242	87,160,855	127,038	87,063,059
Cohort episodes with a valid index date						
Total number of claims with cohort-identifying codes during the query period	98,463	N/A	47,587	N/A	200,815	N/A
Claim recorded during specified age range	87,721	10,742	45,165	2,422	184,920	15,895
Episode defining index claim recorded during the query period	87,721	0	45,165	0	184,920	0
Cohort episodes with required pre-index history						
Had sufficient pre-index continuous enrollment	70,522	17,199	35,131	10,034	149,123	35,797
Met inclusion and exclusion criteria ¹	70,522	0	35,131	0	149,123	0
<i>Evidence of Inpatient stay</i>	N/A	N/A	N/A	N/A	N/A	N/A
Cohort episodes with required post-index follow-up						
Had sufficient post-index continuous enrollment	70,522	0	35,131	0	149,123	0
Final cohort						
Number of members	48,675	N/A	21,410	N/A	93,681	N/A
Number of episodes	70,522	N/A	35,131	N/A	149,123	N/A

¹Episodes can meet multiple inclusion and/or exclusion criteria; therefore, the total number of episodes excluded overall may not equal the sum of all episodes in each criterion.

Figure 1. Annual Trends in Proportions of Individuals with Encounters for Substance-Related Disorders in Any Care Setting



¹Annual trends presented for prevalence proportions and rates of individuals with encounters occurring between April 1, 2016 and December 31, 2021.

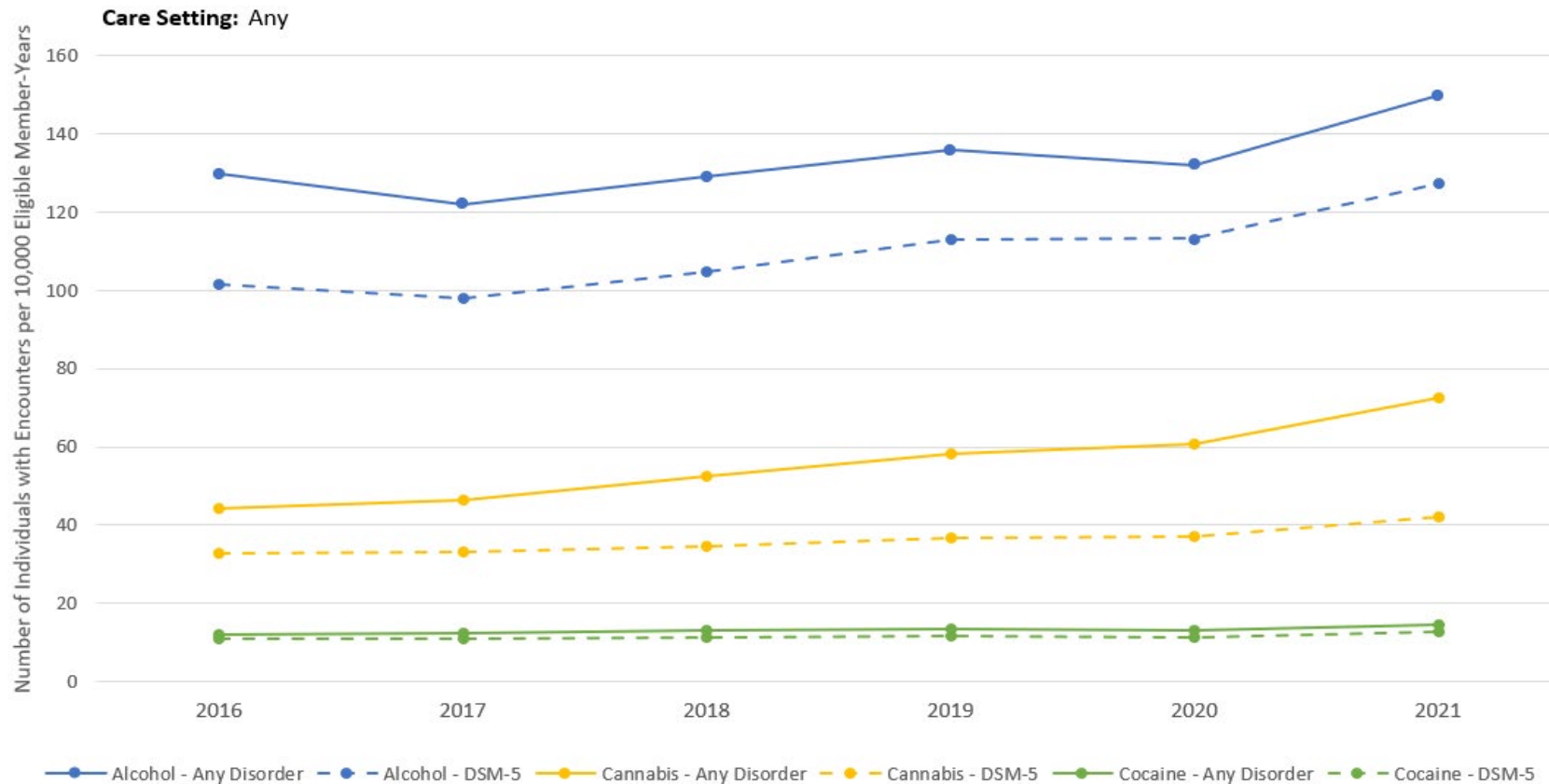
²Individuals can be counted more than once if they have valid encounters in multiple years. For example, an individual with 2 encounters for cannabis-related disorders, one in 2016 and another in 2017, is counted in the numerators for prevalence proportion or rate in both years.

³An eligible member is one that meets all cohort entry criteria (i.e., age 18-64 years old, male or female, with at least 6 months of continuous enrollment) on at least one day during the query period. Members that meet the eligibility criteria in multiple years are counted in the denominators for prevalence proportion in each of the years for which they qualify.

⁴Eligible member-years are calculated based on all the days during that year that a member is eligible for inclusion in the cohort.

⁵2016 is a partial year of data. Data for 2022 is not shown, owing to the partial year of data.

Figure 2. Annual Trends in Rates of Individuals with Encounters for Substance-Related Disorders in Any Care Setting



¹Annual trends presented for prevalence proportions and rates of individuals with encounters occurring between April 1, 2016 and December 31, 2021.

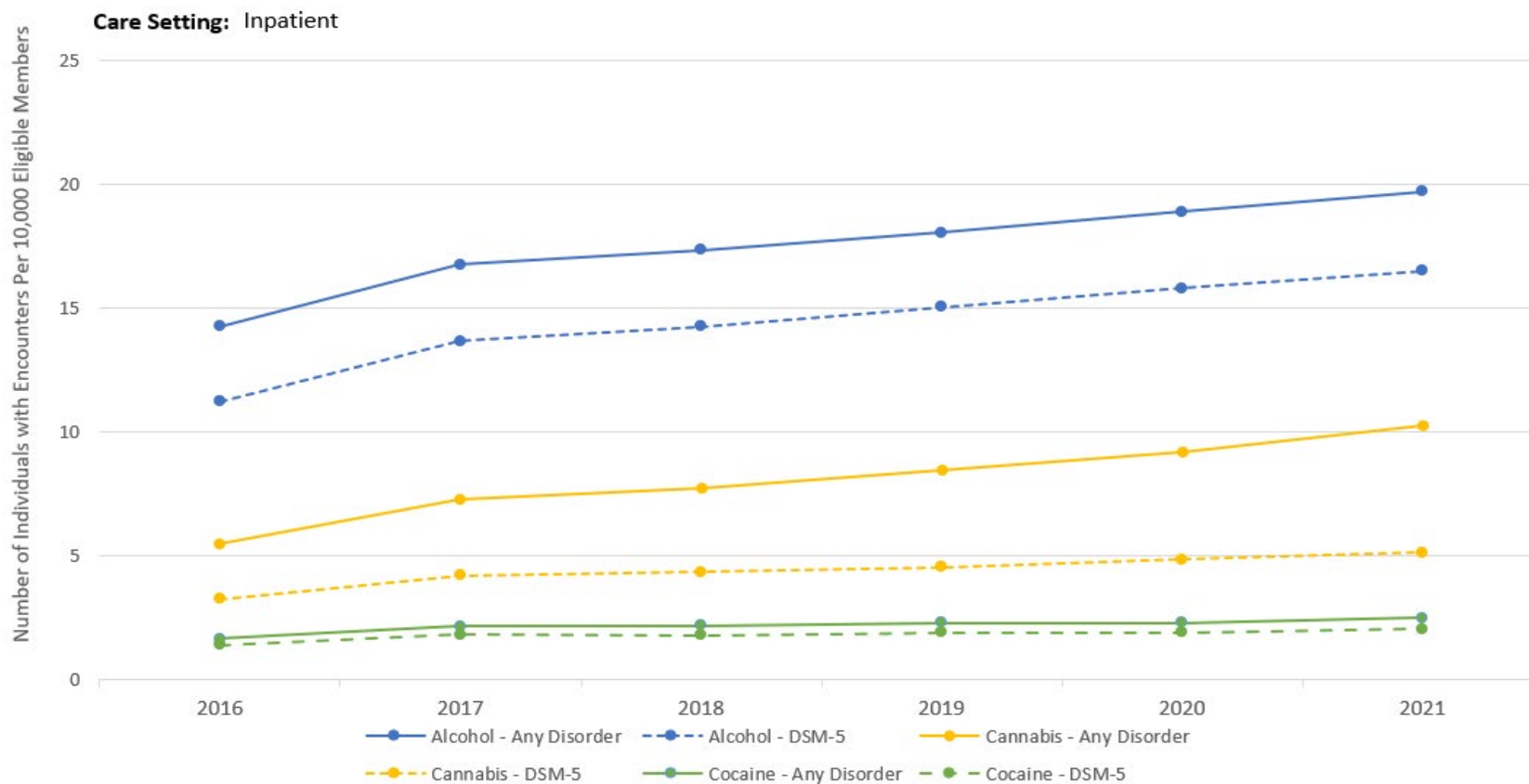
²Individuals can be counted more than once if they have valid encounters in multiple years. For example, an individual with 2 encounters for cannabis-related disorders, one in 2016 and another in 2017, is counted in the numerators for prevalence proportion or rate in both years.

³An eligible member is one that meets all cohort entry criteria (i.e., age 18-64 years old, male or female, with at least 6 months of continuous enrollment) on at least one day during the query period. Members that meet the eligibility criteria in multiple years are counted in the denominators for prevalence proportion in each of the years for which they qualify.

⁴Eligible member-years are calculated based on all the days during that year that a member is eligible for inclusion in the cohort.

⁵2016 is a partial year of data. Data for 2022 is not shown, owing to the partial year of data.

Figure 3. Annual Trends in Proportions of Individuals with Encounters for Substance-Related Disorders in Inpatient Care Setting



¹Annual trends presented for prevalence proportions and rates of individuals with encounters occurring between April 1, 2016 and December 31, 2021.

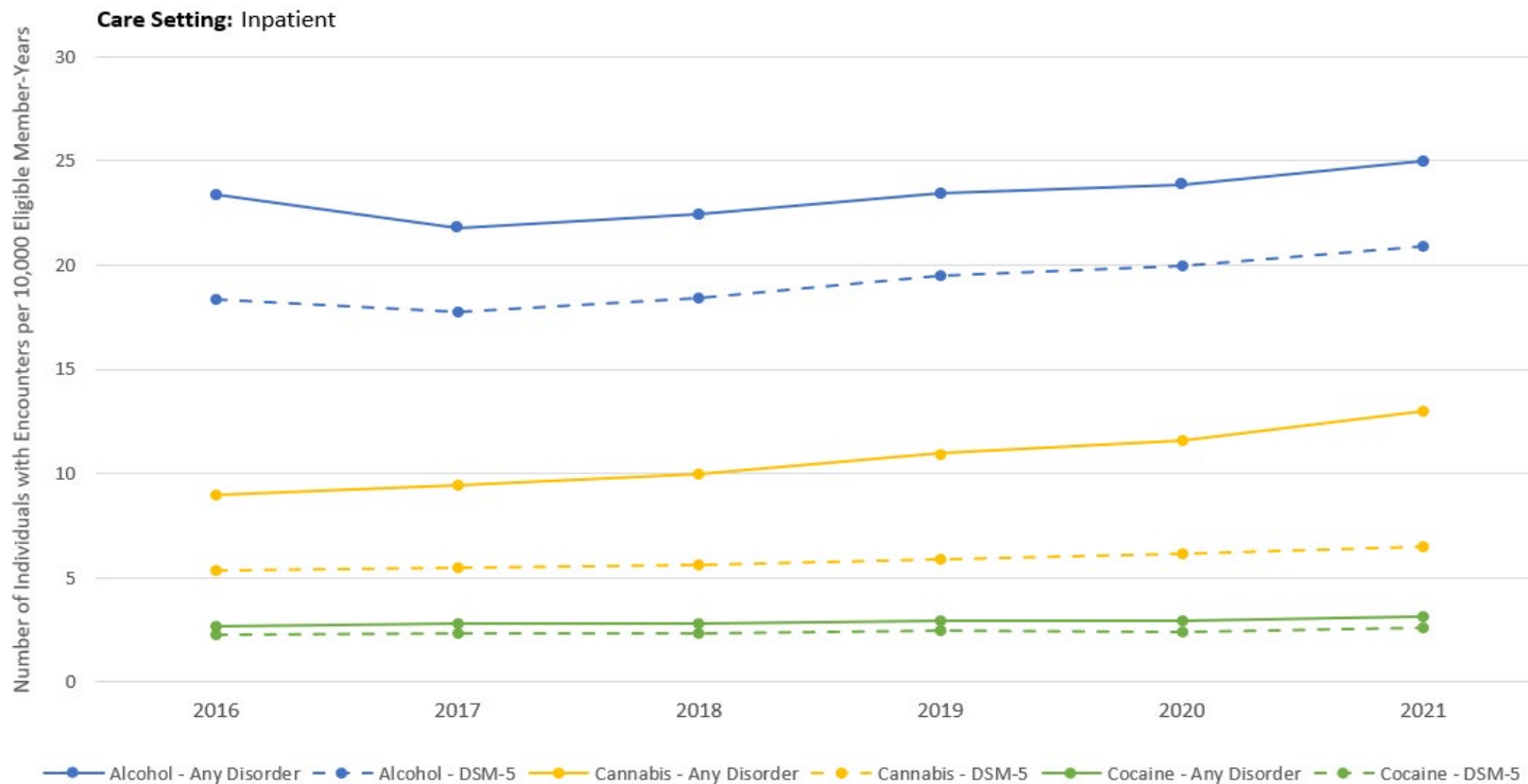
²Individuals can be counted more than once if they have valid encounters in multiple years. For example, an individual with 2 encounters for cannabis-related disorders, one in 2016 and another in 2017, is counted in the numerators for prevalence proportion or rate in both years.

³An eligible member is one that meets all cohort entry criteria (i.e., age 18-64 years old, male or female, with at least 6 months of continuous enrollment) on at least one day during the query period. Members that meet the eligibility criteria in multiple years are counted in the denominators for prevalence proportion in each of the years for which they qualify.

⁴Eligible member-years are calculated based on all the days during that year that a member is eligible for inclusion in the cohort.

⁵2016 is a partial year of data. Data for 2022 is not shown, owing to the partial year of data.

Figure 4. Annual Trends in Rates of Individuals with Encounters for Substance-Related Disorders in Inpatient Care Setting



¹Annual trends presented for prevalence proportions and rates of individuals with encounters occurring between April 1, 2016 and December 31, 2021.

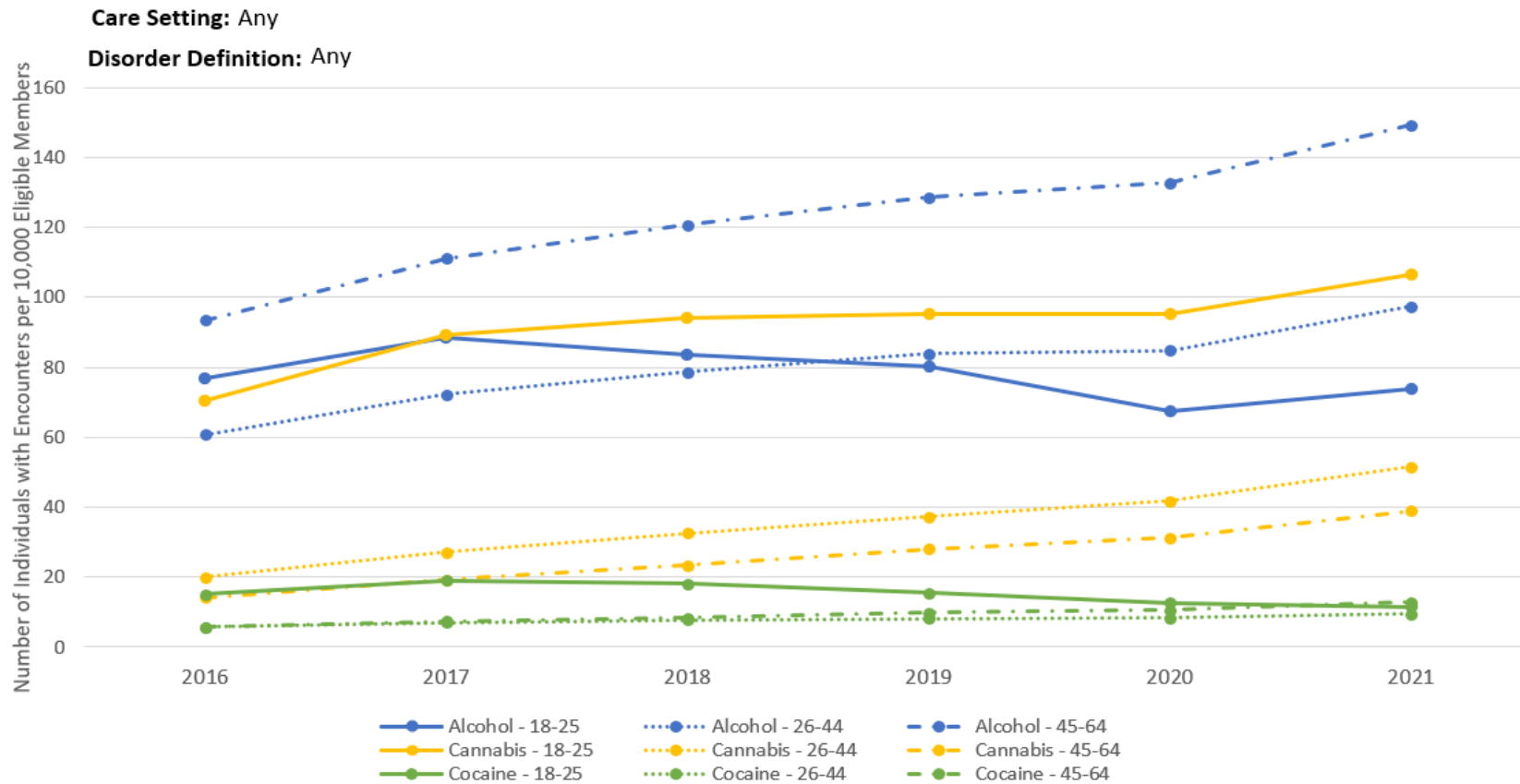
²Individuals can be counted more than once if they have valid encounters in multiple years. For example, an individual with 2 encounters for cannabis-related disorders, one in 2016 and another in 2017, is counted in the numerators for prevalence proportion or rate in both years.

³An eligible member is one that meets all cohort entry criteria (i.e., age 18-64 years old, male or female, with at least 6 months of continuous enrollment) on at least one day during the query period. Members that meet the eligibility criteria in multiple years are counted in the denominators for prevalence proportion in each of the years for which they qualify.

⁴Eligible member-years are calculated based on all the days during that year that a member is eligible for inclusion in the cohort.

⁵2016 is a partial year of data. Data for 2022 is not shown, owing to the partial year of data.

Figure 5. Annual Trends in Proportions of Individuals with Encounters for Substance-Related Disorders in Any Care Setting and with Any Disorder Definition, by Age Group



¹Annual trends presented for prevalence proportions and rates of individuals with encounters occurring between April 1, 2016 and December 31, 2021.

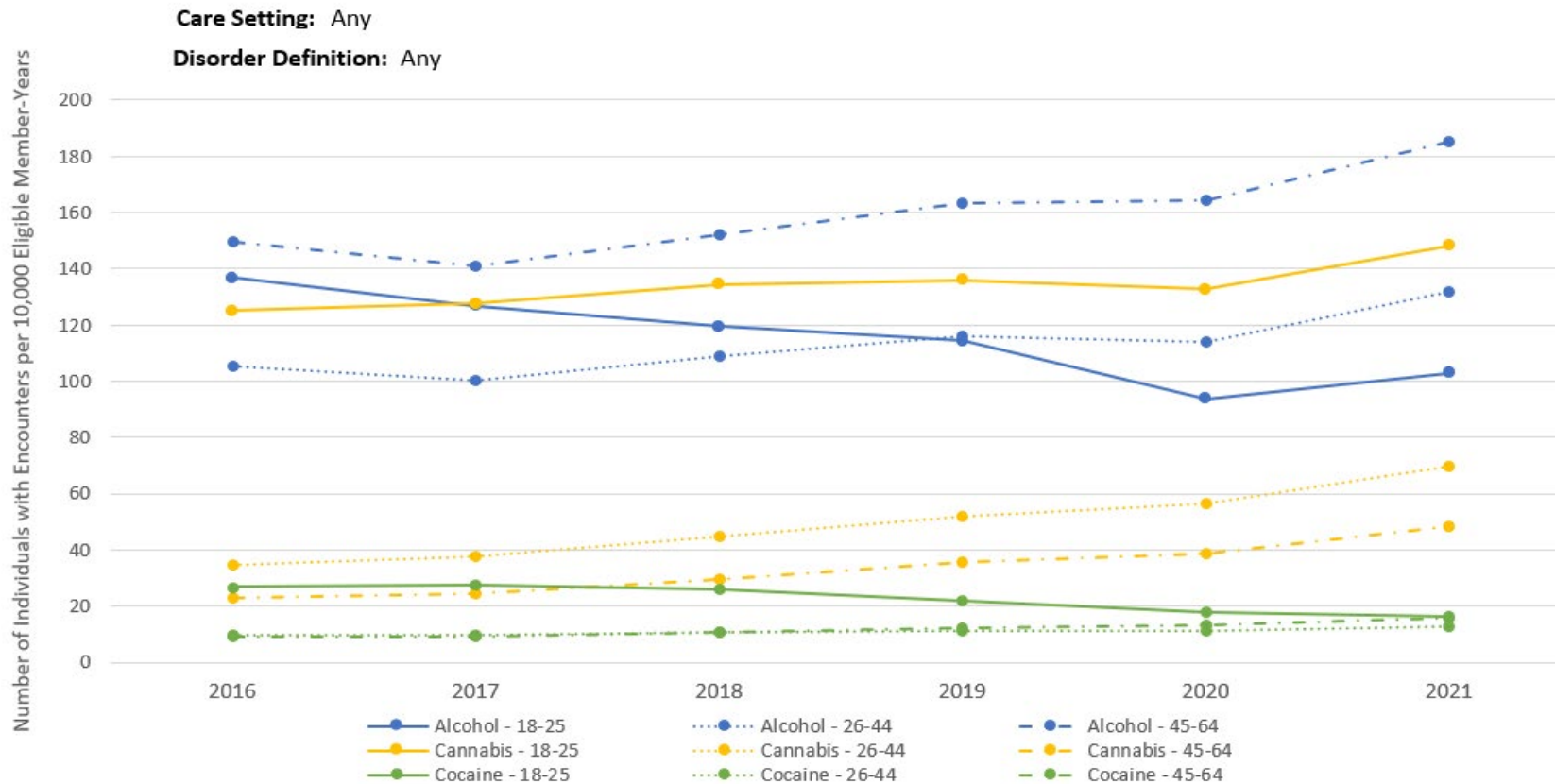
²Individuals can be counted more than once if they have valid encounters in multiple years and/or age groups. For example, an individual with 2 encounters for cannabis-related disorders in 2016, one when they are 25 years old and another at 26 years old, is counted in the numerators for prevalence proportion or rate in both age groups (18-25; 26-44).

³An eligible member is one that meets all cohort entry criteria (i.e., age 18-64 years old, male or female, with at least 6 months of continuous enrollment) on at least one day during the query period. Members that meet the eligibility criteria in multiple years and/or age groups are counted in the denominators for prevalence proportion in each of the years and age groups for which they qualify.

⁴Eligible member-years are calculated based on all the days during that year that a member is eligible for inclusion in the cohort.

⁵2016 is a partial year of data. Data for 2022 is not shown, owing to the partial year of data.

Figure 6. Annual Trends in Rates of Individuals with Encounters for Substance-Related Disorders in Any Care Setting and with Any Disorder Definition, by Age Group



¹Annual trends presented for prevalence proportions and rates of individuals with encounters occurring between April 1, 2016 and December 31, 2021.

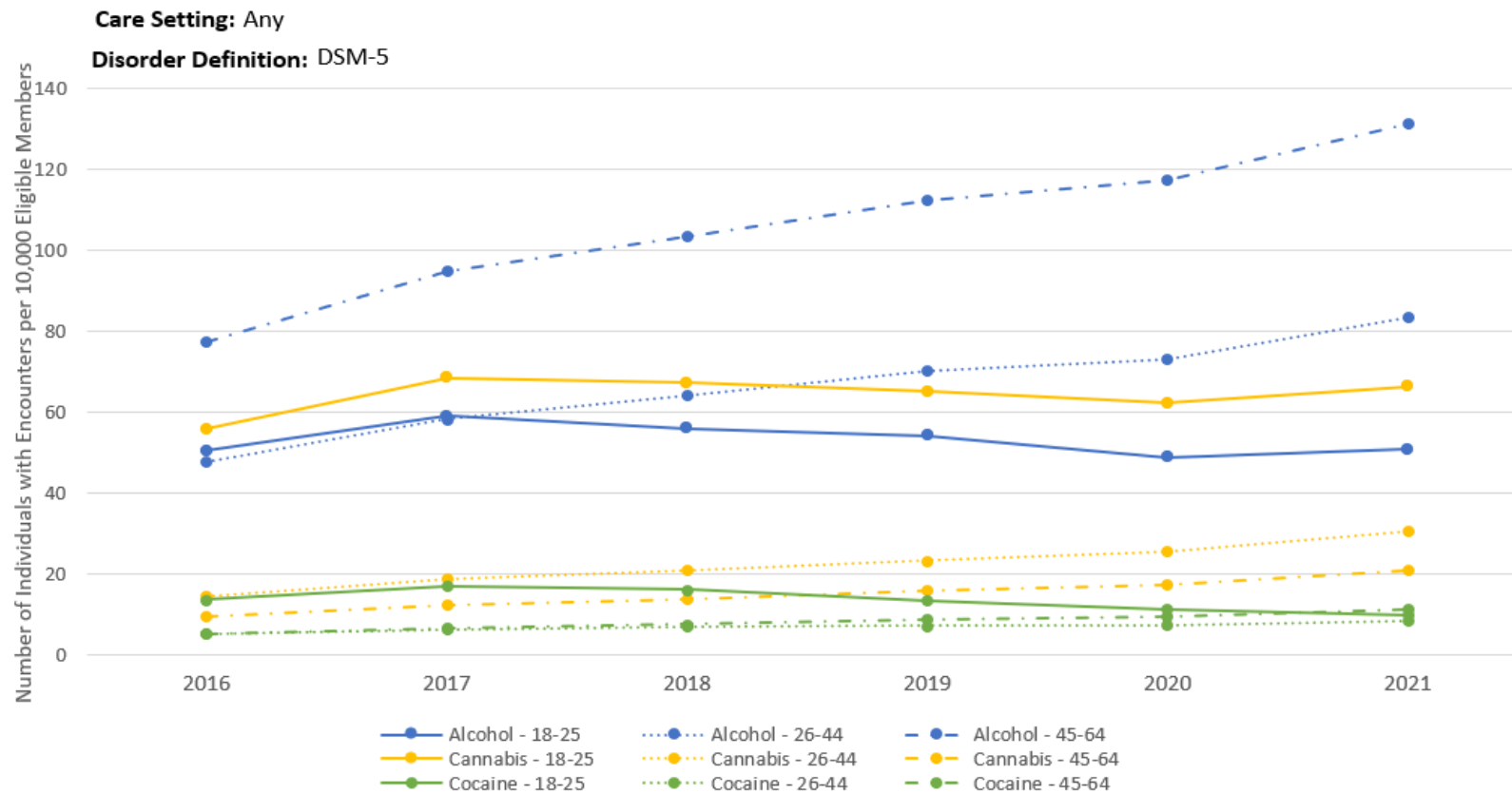
²Individuals can be counted more than once if they have valid encounters in multiple years and/or age groups. For example, an individual with 2 encounters for cannabis-related disorders in 2016, one when they are 25 years old and another at 26 years old, is counted in the numerators for prevalence proportion or rate in both age groups (18-25; 26-44).

³An eligible member is one that meets all cohort entry criteria (i.e., age 18-64 years old, male or female, with at least 6 months of continuous enrollment) on at least one day during the query period. Members that meet the eligibility criteria in multiple years and/or age groups are counted in the denominators for prevalence proportion in each of the years and age groups for which they qualify.

⁴Eligible member-years are calculated based on all the days during that year that a member is eligible for inclusion in the cohort.

⁵2016 is a partial year of data. Data for 2022 is not shown, owing to the partial year of data.

Figure 7. Annual Trends in Proportions of Individuals with Encounters for Substance-Related Disorders in Any Care Setting and with Diagnostic and Statistical Manual of Mental Disorders, Fifth Edition (DSM-5) Substance Use Disorder Definition, by Age Group



¹Annual trends presented for prevalence proportions and rates of individuals with encounters occurring between April 1, 2016 and December 31, 2021.

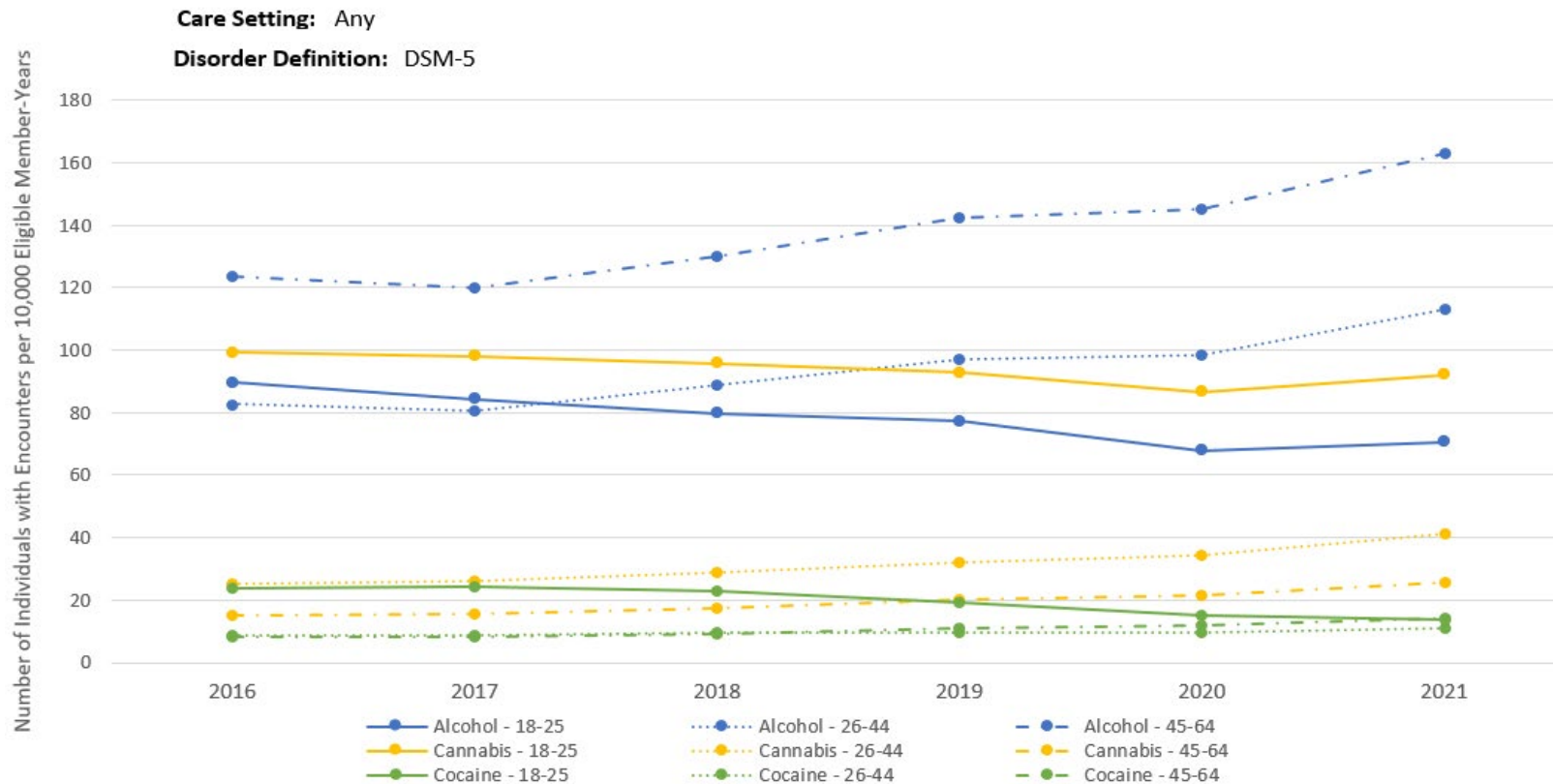
²Individuals can be counted more than once if they have valid encounters in multiple years and/or age groups. For example, an individual with 2 encounters for cannabis-related disorders in 2016, one when they are 25 years old and another at 26 years old, is counted in the numerators for prevalence proportion or rate in both age groups (18-25; 26-44).

³An eligible member is one that meets all cohort entry criteria (i.e., age 18-64 years old, male or female, with at least 6 months of continuous enrollment) on at least one day during the query period. Members that meet the eligibility criteria in multiple years and/or age groups are counted in the denominators for prevalence proportion in each of the years and age groups for which they qualify.

⁴Eligible member-years are calculated based on all the days during that year that a member is eligible for inclusion in the cohort.

⁵2016 is a partial year of data. Data for 2022 is not shown, owing to the partial year of data.

Figure 8. Annual Trends in Rates of Individuals with Encounters for Substance-Related Disorders in Any Care Setting and with Diagnostic and Statistical Manual of Mental Disorders, Fifth Edition (DSM-5) Substance Use Disorder Definition, by Age Group



¹Annual trends presented for prevalence proportions and rates of individuals with encounters occurring between April 1, 2016 and December 31, 2021.

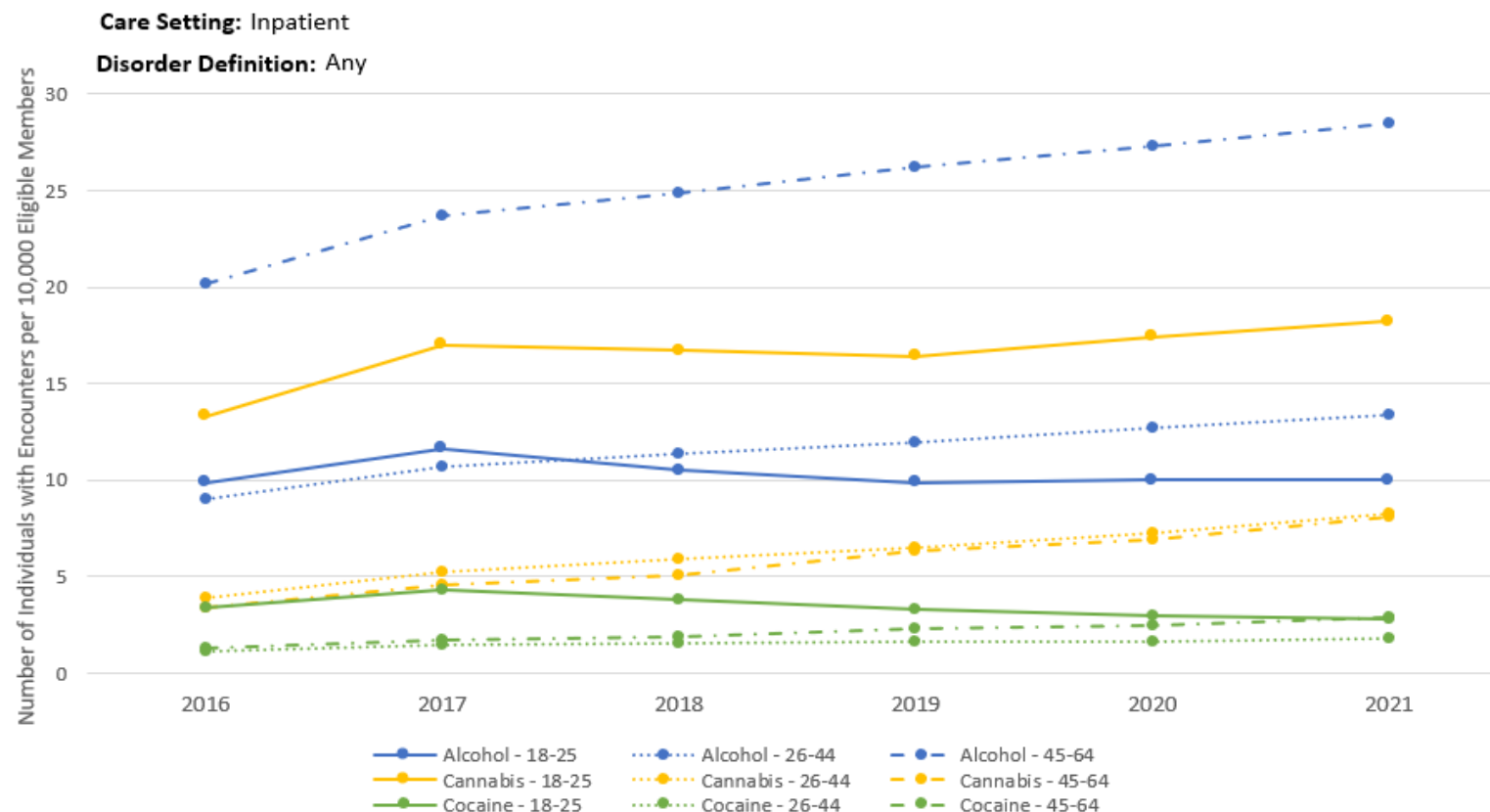
²Individuals can be counted more than once if they have valid encounters in multiple years and/or age groups. For example, an individual with 2 encounters for cannabis-related disorders in 2016, one when they are 25 years old and another at 26 years old, is counted in the numerators for prevalence proportion or rate in both age groups (18-25; 26-44).

³An eligible member is one that meets all cohort entry criteria (i.e., age 18-64 years old, male or female, with at least 6 months of continuous enrollment) on at least one day during the query period. Members that meet the eligibility criteria in multiple years and/or age groups are counted in the denominators for prevalence proportion in each of the years and age groups for which they qualify.

⁴Eligible member-years are calculated based on all the days during that year that a member is eligible for inclusion in the cohort.

⁵2016 is a partial year of data. Data for 2022 is not shown, owing to the partial year of data.

Figure 9. Annual Trends in Proportions of Individuals with Encounters for Substance-Related Disorders in Inpatient Care Setting and with Any Disorder Definition, by Age Group



¹Annual trends presented for prevalence proportions and rates of individuals with encounters occurring between April 1, 2016 and December 31, 2021.

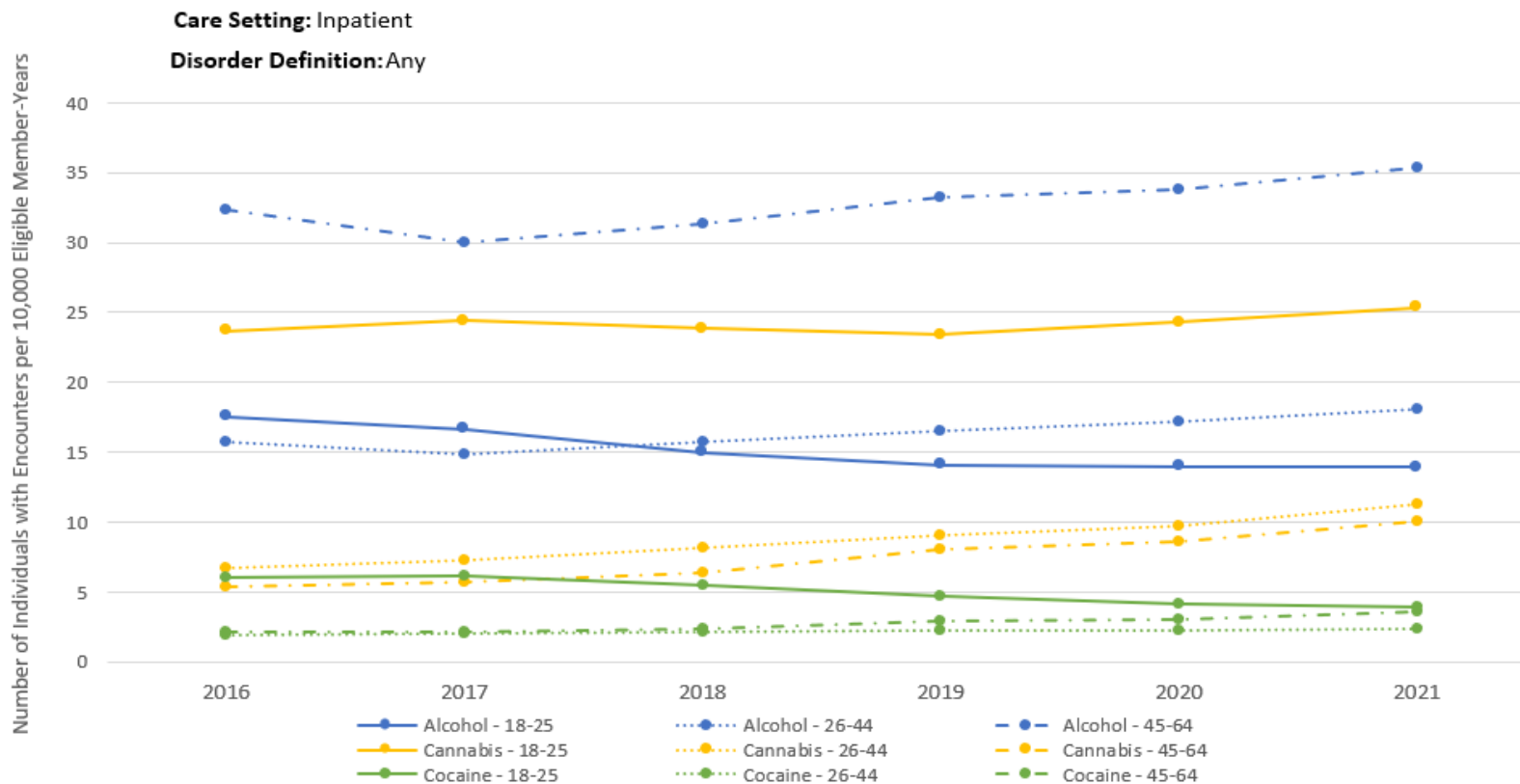
²Individuals can be counted more than once if they have valid encounters in multiple years and/or age groups. For example, an individual with 2 encounters for cannabis-related disorders in 2016, one when they are 25 years old and another at 26 years old, is counted in the numerators for prevalence proportion or rate in both age groups (18-25; 26-44).

³An eligible member is one that meets all cohort entry criteria (i.e., age 18-64 years old, male or female, with at least 6 months of continuous enrollment) on at least one day during the query period. Members that meet the eligibility criteria in multiple years and/or age groups are counted in the denominators for prevalence proportion in each of the years and age groups for which they qualify.

⁴Eligible member-years are calculated based on all the days during that year that a member is eligible for inclusion in the cohort.

⁵2016 is a partial year of data. Data for 2022 is not shown, owing to the partial year of data.

Figure 10. Annual Trends in Rates of Individuals with Encounters for Substance-Related Disorders in Inpatient Care Setting and with Any Disorder Definition, by Age Group



¹Annual trends presented for prevalence proportions and rates of individuals with encounters occurring between April 1, 2016 and December 31, 2021.

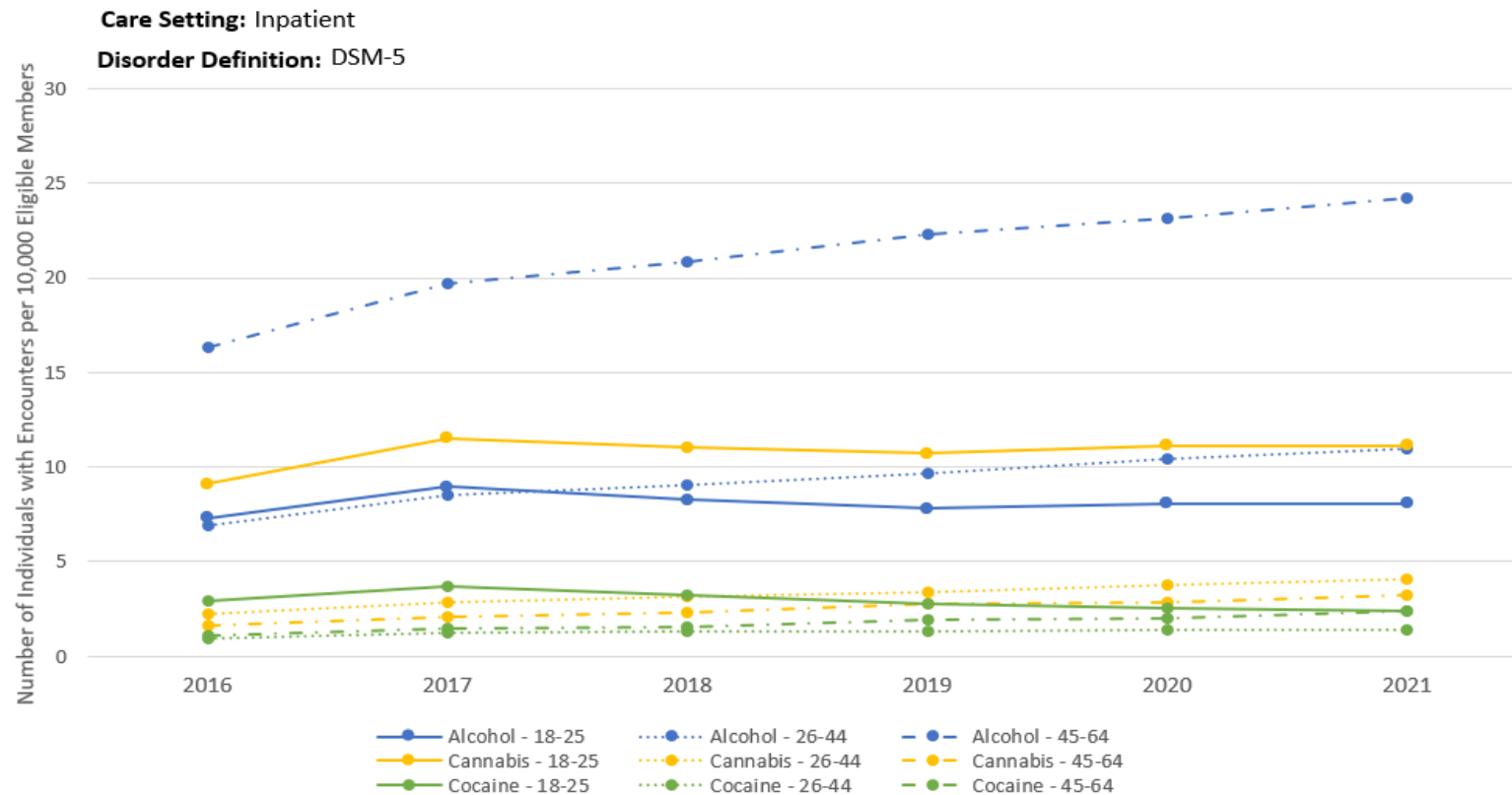
²Individuals can be counted more than once if they have valid encounters in multiple years and/or age groups. For example, an individual with 2 encounters for cannabis-related disorders in 2016, one when they are 25 years old and another at 26 years old, is counted in the numerators for prevalence proportion or rate in both age groups (18-25; 26-44).

³An eligible member is one that meets all cohort entry criteria (i.e., age 18-64 years old, male or female, with at least 6 months of continuous enrollment) on at least one day during the query period. Members that meet the eligibility criteria in multiple years and/or age groups are counted in the denominators for prevalence proportion in each of the years and age groups for which they qualify.

⁴Eligible member-years are calculated based on all the days during that year that a member is eligible for inclusion in the cohort.

⁵2016 is a partial year of data. Data for 2022 is not shown, owing to the partial year of data.

Figure 11. Annual Trends in Proportions of Individuals with Encounters for Substance-Related Disorders in Inpatient Care Setting and with Diagnostic and Statistical Manual of Mental Disorders, Fifth Edition (DSM-5) Substance Use Disorder Definition, by Age Group



¹Annual trends presented for prevalence proportions and rates of individuals with encounters occurring between April 1, 2016 and December 31, 2021.

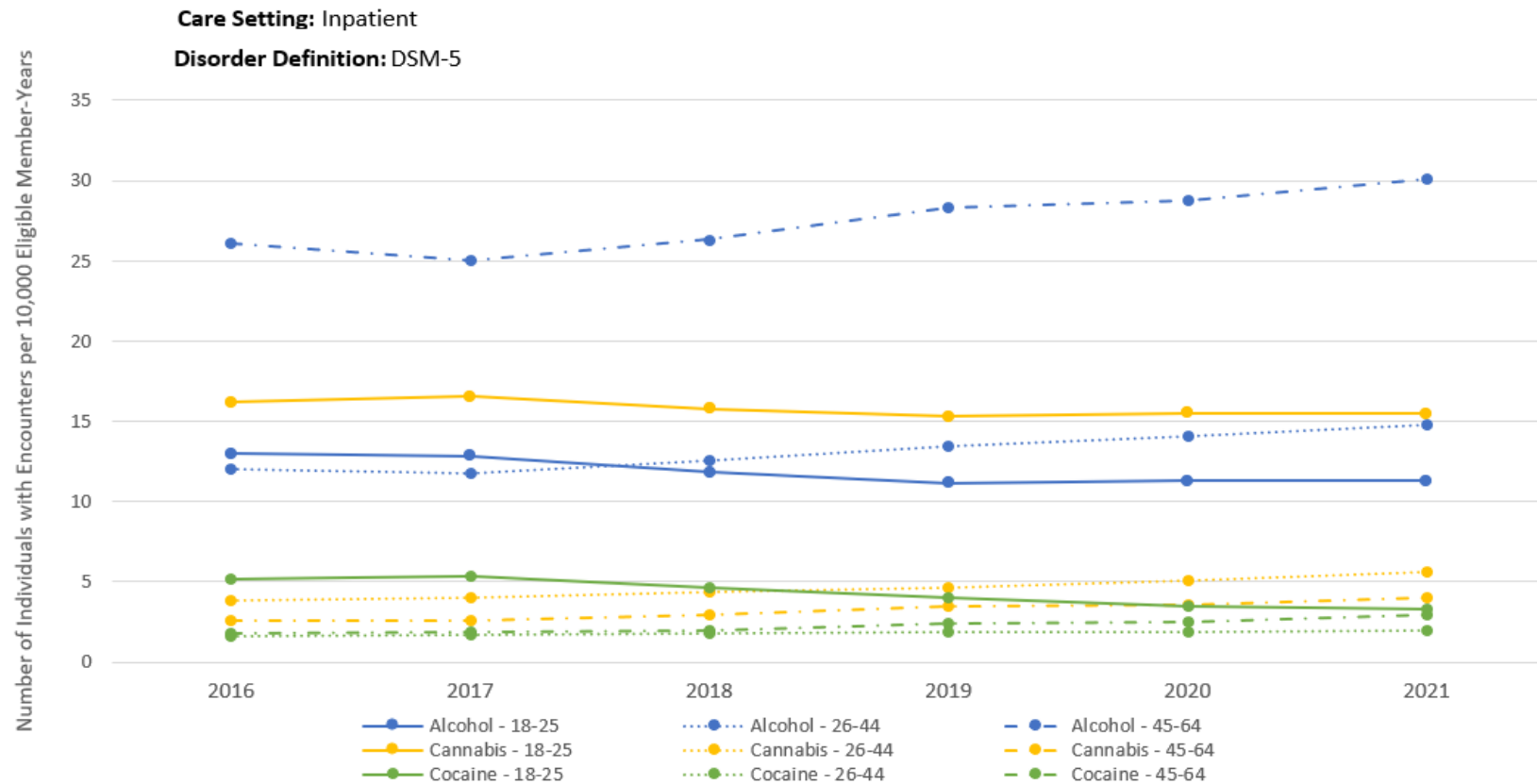
²Individuals can be counted more than once if they have valid encounters in multiple years and/or age groups. For example, an individual with 2 encounters for cannabis-related disorders in 2016, one when they are 25 years old and another at 26 years old, is counted in the numerators for prevalence proportion or rate in both age groups (18-25; 26-44).

³An eligible member is one that meets all cohort entry criteria (i.e., age 18-64 years old, male or female, with at least 6 months of continuous enrollment) on at least one day during the query period. Members that meet the eligibility criteria in multiple years and/or age groups are counted in the denominators for prevalence proportion in each of the years and age groups for which they qualify.

⁴Eligible member-years are calculated based on all the days during that year that a member is eligible for inclusion in the cohort.

⁵2016 is a partial year of data. Data for 2022 is not shown, owing to the partial year of data.

Figure 12. Annual Trends in Rates of Individuals with Encounters for Substance-Related Disorders in Inpatient Care Setting and with Diagnostic and Statistical Manual of Mental Disorders, Fifth Edition (DSM-5) Substance Use Disorder Definition, by Age Group



¹Annual trends presented for prevalence proportions and rates of individuals with encounters occurring between April 1, 2016 and December 31, 2021.

²Individuals can be counted more than once if they have valid encounters in multiple years and/or age groups. For example, an individual with 2 encounters for cannabis-related disorders in 2016, one when they are 25 years old and another at 26 years old, is counted in the numerators for prevalence proportion or rate in both age groups (18-25; 26-44).

³An eligible member is one that meets all cohort entry criteria (i.e., age 18-64 years old, male or female, with at least 6 months of continuous enrollment) on at least one day during the query period. Members that meet the eligibility criteria in multiple years and/or age groups are counted in the denominators for prevalence proportion in each of the years and age groups for which they qualify.

⁴Eligible member-years are calculated based on all the days during that year that a member is eligible for inclusion in the cohort.

⁵2016 is a partial year of data. Data for 2022 is not shown, owing to the partial year of data.

Appendix A. Dates of Available Data for Each Data Partner (DP) as of Request Distribution Date (March 10, 2023)

DP ID	DP Start Date	DP End Date ¹
DP01	01/01/2008	04/30/2022
DP02	01/01/2007	05/31/2022
DP03	01/01/2000	05/31/2021
DP04	01/01/2004	06/30/2022
DP05	01/01/2000	06/30/2022
DP06	01/01/2000	06/30/2022
DP07	01/01/2000	05/31/2022
DP08	01/01/2008	06/30/2022
DP09	01/01/2000	06/30/2022

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 Exposures and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
Cannabis-Related Disorders			
F12	Cannabis related disorders	Diagnosis	ICD-10-CM
F12.1	Cannabis abuse	Diagnosis	ICD-10-CM
F12.10	Cannabis abuse, uncomplicated	Diagnosis	ICD-10-CM
F12.11	Cannabis abuse, in remission	Diagnosis	ICD-10-CM
F12.12	Cannabis abuse with intoxication	Diagnosis	ICD-10-CM
F12.120	Cannabis abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F12.121	Cannabis abuse with intoxication delirium	Diagnosis	ICD-10-CM
F12.122	Cannabis abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F12.129	Cannabis abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F12.13	Cannabis abuse with withdrawal	Diagnosis	ICD-10-CM
F12.15	Cannabis abuse with psychotic disorder	Diagnosis	ICD-10-CM
F12.150	Cannabis abuse with psychotic disorder with delusions	Diagnosis	ICD-10-CM
F12.151	Cannabis abuse with psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F12.159	Cannabis abuse with psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F12.18	Cannabis abuse with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.180	Cannabis abuse with cannabis-induced anxiety disorder	Diagnosis	ICD-10-CM
F12.188	Cannabis abuse with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.19	Cannabis abuse with unspecified cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.2	Cannabis dependence	Diagnosis	ICD-10-CM
F12.20	Cannabis dependence, uncomplicated	Diagnosis	ICD-10-CM
F12.21	Cannabis dependence, in remission	Diagnosis	ICD-10-CM
F12.22	Cannabis dependence with intoxication	Diagnosis	ICD-10-CM
F12.220	Cannabis dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F12.221	Cannabis dependence with intoxication delirium	Diagnosis	ICD-10-CM
F12.222	Cannabis dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F12.229	Cannabis dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F12.23	Cannabis dependence with withdrawal	Diagnosis	ICD-10-CM
F12.25	Cannabis dependence with psychotic disorder	Diagnosis	ICD-10-CM
F12.250	Cannabis dependence with psychotic disorder with delusions	Diagnosis	ICD-10-CM
F12.251	Cannabis dependence with psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F12.259	Cannabis dependence with psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F12.28	Cannabis dependence with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.280	Cannabis dependence with cannabis-induced anxiety disorder	Diagnosis	ICD-10-CM
F12.288	Cannabis dependence with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.29	Cannabis dependence with unspecified cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.9	Cannabis use, unspecified	Diagnosis	ICD-10-CM
F12.90	Cannabis use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F12.91	Cannabis use, unspecified, in remission	Diagnosis	ICD-10-CM
F12.92	Cannabis use, unspecified with intoxication	Diagnosis	ICD-10-CM
F12.920	Cannabis use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F12.921	Cannabis use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F12.922	Cannabis use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F12.929	Cannabis use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F12.93	Cannabis use, unspecified with withdrawal	Diagnosis	ICD-10-CM
F12.95	Cannabis use, unspecified with psychotic disorder	Diagnosis	ICD-10-CM
F12.950	Cannabis use, unspecified with psychotic disorder with delusions	Diagnosis	ICD-10-CM
F12.951	Cannabis use, unspecified with psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F12.959	Cannabis use, unspecified with psychotic disorder, unspecified	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Exposures and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
F12.98	Cannabis use, unspecified with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.980	Cannabis use, unspecified with anxiety disorder	Diagnosis	ICD-10-CM
F12.988	Cannabis use, unspecified with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.99	Cannabis use, unspecified with unspecified cannabis-induced disorder	Diagnosis	ICD-10-CM
Cannabis Use Remission			
F12.11	Cannabis abuse, in remission	Diagnosis	ICD-10-CM
F12.21	Cannabis dependence, in remission	Diagnosis	ICD-10-CM
F12.91	Cannabis use, unspecified, in remission	Diagnosis	ICD-10-CM
Cannabis Use with Psychotic Disorders			
F12.121	Cannabis abuse with intoxication delirium	Diagnosis	ICD-10-CM
F12.122	Cannabis abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F12.15	Cannabis abuse with psychotic disorder	Diagnosis	ICD-10-CM
F12.150	Cannabis abuse with psychotic disorder with delusions	Diagnosis	ICD-10-CM
F12.151	Cannabis abuse with psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F12.159	Cannabis abuse with psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F12.221	Cannabis dependence with intoxication delirium	Diagnosis	ICD-10-CM
F12.222	Cannabis dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F12.25	Cannabis dependence with psychotic disorder	Diagnosis	ICD-10-CM
F12.250	Cannabis dependence with psychotic disorder with delusions	Diagnosis	ICD-10-CM
F12.251	Cannabis dependence with psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F12.259	Cannabis dependence with psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F12.921	Cannabis use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F12.922	Cannabis use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F12.95	Cannabis use, unspecified with psychotic disorder	Diagnosis	ICD-10-CM
F12.950	Cannabis use, unspecified with psychotic disorder with delusions	Diagnosis	ICD-10-CM
F12.951	Cannabis use, unspecified with psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F12.959	Cannabis use, unspecified with psychotic disorder, unspecified	Diagnosis	ICD-10-CM
Cannabis Use Disorder (DSM-5 Definition)			
F12.10	Cannabis abuse, uncomplicated	Diagnosis	ICD-10-CM
F12.11	Cannabis abuse, in remission	Diagnosis	ICD-10-CM
F12.20	Cannabis dependence, uncomplicated	Diagnosis	ICD-10-CM
F12.21	Cannabis dependence, in remission	Diagnosis	ICD-10-CM
Cocaine-Related Disorders			
F14	Cocaine related disorders	Diagnosis	ICD-10-CM
F14.1	Cocaine abuse	Diagnosis	ICD-10-CM
F14.10	Cocaine abuse, uncomplicated	Diagnosis	ICD-10-CM
F14.11	Cocaine abuse, in remission	Diagnosis	ICD-10-CM
F14.12	Cocaine abuse with intoxication	Diagnosis	ICD-10-CM
F14.120	Cocaine abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F14.121	Cocaine abuse with intoxication with delirium	Diagnosis	ICD-10-CM
F14.122	Cocaine abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F14.129	Cocaine abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F14.13	Cocaine abuse, unspecified with withdrawal	Diagnosis	ICD-10-CM
F14.14	Cocaine abuse with cocaine-induced mood disorder	Diagnosis	ICD-10-CM
F14.15	Cocaine abuse with cocaine-induced psychotic disorder	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Exposures and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
F14.150	Cocaine abuse with cocaine-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F14.151	Cocaine abuse with cocaine-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F14.159	Cocaine abuse with cocaine-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F14.18	Cocaine abuse with other cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.180	Cocaine abuse with cocaine-induced anxiety disorder	Diagnosis	ICD-10-CM
F14.181	Cocaine abuse with cocaine-induced sexual dysfunction	Diagnosis	ICD-10-CM
F14.182	Cocaine abuse with cocaine-induced sleep disorder	Diagnosis	ICD-10-CM
F14.188	Cocaine abuse with other cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.19	Cocaine abuse with unspecified cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.2	Cocaine dependence	Diagnosis	ICD-10-CM
F14.20	Cocaine dependence, uncomplicated	Diagnosis	ICD-10-CM
F14.21	Cocaine dependence, in remission	Diagnosis	ICD-10-CM
F14.22	Cocaine dependence with intoxication	Diagnosis	ICD-10-CM
F14.220	Cocaine dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F14.221	Cocaine dependence with intoxication delirium	Diagnosis	ICD-10-CM
F14.222	Cocaine dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F14.229	Cocaine dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F14.23	Cocaine dependence with withdrawal	Diagnosis	ICD-10-CM
F14.24	Cocaine dependence with cocaine-induced mood disorder	Diagnosis	ICD-10-CM
F14.25	Cocaine dependence with cocaine-induced psychotic disorder	Diagnosis	ICD-10-CM
F14.250	Cocaine dependence with cocaine-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F14.251	Cocaine dependence with cocaine-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F14.259	Cocaine dependence with cocaine-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F14.28	Cocaine dependence with other cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.280	Cocaine dependence with cocaine-induced anxiety disorder	Diagnosis	ICD-10-CM
F14.281	Cocaine dependence with cocaine-induced sexual dysfunction	Diagnosis	ICD-10-CM
F14.282	Cocaine dependence with cocaine-induced sleep disorder	Diagnosis	ICD-10-CM
F14.288	Cocaine dependence with other cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.29	Cocaine dependence with unspecified cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.9	Cocaine use, unspecified	Diagnosis	ICD-10-CM
F14.90	Cocaine use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F14.91	Cocaine use, unspecified, in remission	Diagnosis	ICD-10-CM
F14.92	Cocaine use, unspecified with intoxication	Diagnosis	ICD-10-CM
F14.920	Cocaine use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F14.921	Cocaine use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F14.922	Cocaine use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F14.929	Cocaine use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F14.93	Cocaine use, unspecified with withdrawal	Diagnosis	ICD-10-CM
F14.94	Cocaine use, unspecified with cocaine-induced mood disorder	Diagnosis	ICD-10-CM
F14.95	Cocaine use, unspecified with cocaine-induced psychotic disorder	Diagnosis	ICD-10-CM
F14.950	Cocaine use, unspecified with cocaine-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Exposures and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
F14.951	Cocaine use, unspecified with cocaine-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F14.959	Cocaine use, unspecified with cocaine-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F14.98	Cocaine use, unspecified with other specified cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.980	Cocaine use, unspecified with cocaine-induced anxiety disorder	Diagnosis	ICD-10-CM
F14.981	Cocaine use, unspecified with cocaine-induced sexual dysfunction	Diagnosis	ICD-10-CM
F14.982	Cocaine use, unspecified with cocaine-induced sleep disorder	Diagnosis	ICD-10-CM
F14.988	Cocaine use, unspecified with other cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.99	Cocaine use, unspecified with unspecified cocaine-induced disorder	Diagnosis	ICD-10-CM
Cocaine Use Remission			
F14.11	Cocaine abuse, in remission	Diagnosis	ICD-10-CM
F14.21	Cocaine dependence, in remission	Diagnosis	ICD-10-CM
F14.91	Cocaine use, unspecified, in remission	Diagnosis	ICD-10-CM
Cocaine Use with Psychotic Disorders			
F14.121	Cocaine abuse with intoxication with delirium	Diagnosis	ICD-10-CM
F14.122	Cocaine abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F14.15	Cocaine abuse with cocaine-induced psychotic disorder	Diagnosis	ICD-10-CM
F14.150	Cocaine abuse with cocaine-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F14.151	Cocaine abuse with cocaine-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F14.159	Cocaine abuse with cocaine-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F14.221	Cocaine dependence with intoxication delirium	Diagnosis	ICD-10-CM
F14.222	Cocaine dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F14.25	Cocaine dependence with cocaine-induced psychotic disorder	Diagnosis	ICD-10-CM
F14.250	Cocaine dependence with cocaine-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F14.251	Cocaine dependence with cocaine-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F14.259	Cocaine dependence with cocaine-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F14.921	Cocaine use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F14.922	Cocaine use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F14.95	Cocaine use, unspecified with cocaine-induced psychotic disorder	Diagnosis	ICD-10-CM
F14.950	Cocaine use, unspecified with cocaine-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F14.951	Cocaine use, unspecified with cocaine-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F14.959	Cocaine use, unspecified with cocaine-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
Cocaine Use Disorder (DSM-5 Definition)			
F14.10	Cocaine abuse, uncomplicated	Diagnosis	ICD-10-CM
F14.11	Cocaine abuse, in remission	Diagnosis	ICD-10-CM
F14.20	Cocaine dependence, uncomplicated	Diagnosis	ICD-10-CM
F14.21	Cocaine dependence, in remission	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Exposures and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
Alcohol-Related Disorders			
F10	Alcohol related disorders	Diagnosis	ICD-10-CM
F10.1	Alcohol abuse	Diagnosis	ICD-10-CM
F10.10	Alcohol abuse, uncomplicated	Diagnosis	ICD-10-CM
F10.11	Alcohol abuse, in remission	Diagnosis	ICD-10-CM
F10.12	Alcohol abuse with intoxication	Diagnosis	ICD-10-CM
F10.120	Alcohol abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F10.121	Alcohol abuse with intoxication delirium	Diagnosis	ICD-10-CM
F10.129	Alcohol abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F10.13	Alcohol abuse, with withdrawal	Diagnosis	ICD-10-CM
F10.130	Alcohol abuse with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F10.131	Alcohol abuse with withdrawal delirium	Diagnosis	ICD-10-CM
F10.132	Alcohol abuse with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F10.139	Alcohol abuse with withdrawal, unspecified	Diagnosis	ICD-10-CM
F10.14	Alcohol abuse with alcohol-induced mood disorder	Diagnosis	ICD-10-CM
F10.15	Alcohol abuse with alcohol-induced psychotic disorder	Diagnosis	ICD-10-CM
F10.150	Alcohol abuse with alcohol-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F10.151	Alcohol abuse with alcohol-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F10.159	Alcohol abuse with alcohol-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F10.18	Alcohol abuse with other alcohol-induced disorders	Diagnosis	ICD-10-CM
F10.180	Alcohol abuse with alcohol-induced anxiety disorder	Diagnosis	ICD-10-CM
F10.181	Alcohol abuse with alcohol-induced sexual dysfunction	Diagnosis	ICD-10-CM
F10.182	Alcohol abuse with alcohol-induced sleep disorder	Diagnosis	ICD-10-CM
F10.188	Alcohol abuse with other alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.19	Alcohol abuse with unspecified alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.2	Alcohol dependence	Diagnosis	ICD-10-CM
F10.20	Alcohol dependence, uncomplicated	Diagnosis	ICD-10-CM
F10.21	Alcohol dependence, in remission	Diagnosis	ICD-10-CM
F10.22	Alcohol dependence with intoxication	Diagnosis	ICD-10-CM
F10.220	Alcohol dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F10.221	Alcohol dependence with intoxication delirium	Diagnosis	ICD-10-CM
F10.229	Alcohol dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F10.23	Alcohol dependence with withdrawal	Diagnosis	ICD-10-CM
F10.230	Alcohol dependence with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F10.231	Alcohol dependence with withdrawal delirium	Diagnosis	ICD-10-CM
F10.232	Alcohol dependence with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F10.239	Alcohol dependence with withdrawal, unspecified	Diagnosis	ICD-10-CM
F10.24	Alcohol dependence with alcohol-induced mood disorder	Diagnosis	ICD-10-CM
F10.25	Alcohol dependence with alcohol-induced psychotic disorder	Diagnosis	ICD-10-CM
F10.250	Alcohol dependence with alcohol-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F10.251	Alcohol dependence with alcohol-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F10.259	Alcohol dependence with alcohol-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F10.26	Alcohol dependence with alcohol-induced persisting amnestic disorder	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Exposures and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
F10.27	Alcohol dependence with alcohol-induced persisting dementia	Diagnosis	ICD-10-CM
F10.28	Alcohol dependence with other alcohol-induced disorders	Diagnosis	ICD-10-CM
F10.280	Alcohol dependence with alcohol-induced anxiety disorder	Diagnosis	ICD-10-CM
F10.281	Alcohol dependence with alcohol-induced sexual dysfunction	Diagnosis	ICD-10-CM
F10.282	Alcohol dependence with alcohol-induced sleep disorder	Diagnosis	ICD-10-CM
F10.288	Alcohol dependence with other alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.29	Alcohol dependence with unspecified alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.9	Alcohol use, unspecified	Diagnosis	ICD-10-CM
F10.90	Alcohol use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F10.91	Alcohol use, unspecified, in remission	Diagnosis	ICD-10-CM
F10.92	Alcohol use, unspecified with intoxication	Diagnosis	ICD-10-CM
F10.920	Alcohol use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F10.921	Alcohol use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F10.929	Alcohol use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F10.93	Alcohol use, unspecified with withdrawal	Diagnosis	ICD-10-CM
F10.930	Alcohol use, unspecified with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F10.931	Alcohol use, unspecified with withdrawal delirium	Diagnosis	ICD-10-CM
F10.932	Alcohol use, unspecified with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F10.939	Alcohol use, unspecified with withdrawal, unspecified	Diagnosis	ICD-10-CM
F10.94	Alcohol use, unspecified with alcohol-induced mood disorder	Diagnosis	ICD-10-CM
F10.95	Alcohol use, unspecified with alcohol-induced psychotic disorder	Diagnosis	ICD-10-CM
F10.950	Alcohol use, unspecified with alcohol-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F10.951	Alcohol use, unspecified with alcohol-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F10.959	Alcohol use, unspecified with alcohol-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F10.96	Alcohol use, unspecified with alcohol-induced persisting amnestic disorder	Diagnosis	ICD-10-CM
F10.97	Alcohol use, unspecified with alcohol-induced persisting dementia	Diagnosis	ICD-10-CM
F10.98	Alcohol use, unspecified with other alcohol-induced disorders	Diagnosis	ICD-10-CM
F10.980	Alcohol use, unspecified with alcohol-induced anxiety disorder	Diagnosis	ICD-10-CM
F10.981	Alcohol use, unspecified with alcohol-induced sexual dysfunction	Diagnosis	ICD-10-CM
F10.982	Alcohol use, unspecified with alcohol-induced sleep disorder	Diagnosis	ICD-10-CM
F10.988	Alcohol use, unspecified with other alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.99	Alcohol use, unspecified with unspecified alcohol-induced disorder	Diagnosis	ICD-10-CM
Alcohol Use Remission			
F10.11	Alcohol abuse, in remission	Diagnosis	ICD-10-CM
F10.21	Alcohol dependence, in remission	Diagnosis	ICD-10-CM
F10.91	Alcohol use, unspecified, in remission	Diagnosis	ICD-10-CM
Alcohol Use with Psychotic Disorders			
F10.121	Alcohol abuse with intoxication delirium	Diagnosis	ICD-10-CM
F10.131	Alcohol abuse with withdrawal delirium	Diagnosis	ICD-10-CM
F10.15	Alcohol abuse with alcohol-induced psychotic disorder	Diagnosis	ICD-10-CM
F10.150	Alcohol abuse with alcohol-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F10.151	Alcohol abuse with alcohol-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM

Appendix B. List of International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Exposures and Exclusion Criteria in this Request

Code	Description	Code Category	Code Type
F10.159	Alcohol abuse with alcohol-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F10.221	Alcohol dependence with intoxication delirium	Diagnosis	ICD-10-CM
F10.231	Alcohol dependence with withdrawal delirium	Diagnosis	ICD-10-CM
F10.25	Alcohol dependence with alcohol-induced psychotic disorder	Diagnosis	ICD-10-CM
F10.250	Alcohol dependence with alcohol-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F10.251	Alcohol dependence with alcohol-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F10.259	Alcohol dependence with alcohol-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F10.921	Alcohol use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F10.931	Alcohol use, unspecified with withdrawal delirium	Diagnosis	ICD-10-CM
F10.95	Alcohol use, unspecified with alcohol-induced psychotic disorder	Diagnosis	ICD-10-CM
F10.950	Alcohol use, unspecified with alcohol-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F10.951	Alcohol use, unspecified with alcohol-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F10.959	Alcohol use, unspecified with alcohol-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
Alcohol Use Disorder (DSM-5 Definition)			
F10.10	Alcohol abuse, uncomplicated	Diagnosis	ICD-10-CM
F10.11	Alcohol abuse, in remission	Diagnosis	ICD-10-CM
F10.20	Alcohol dependence, uncomplicated	Diagnosis	ICD-10-CM
F10.21	Alcohol dependence, in remission	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
Attention-Deficit Hyperactivity Disorder (ADHD)			
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
Anorexia and Weight Loss			
E40	Kwashiorkor	Diagnosis	ICD-10-CM
E41	Nutritional marasmus	Diagnosis	ICD-10-CM
E42	Marasmic kwashiorkor	Diagnosis	ICD-10-CM
E43	Unspecified severe protein-calorie malnutrition	Diagnosis	ICD-10-CM
E44.0	Moderate protein-calorie malnutrition	Diagnosis	ICD-10-CM
E44.1	Mild protein-calorie malnutrition	Diagnosis	ICD-10-CM
E45	Retarded development following protein-calorie malnutrition	Diagnosis	ICD-10-CM
E46	Unspecified protein-calorie malnutrition	Diagnosis	ICD-10-CM
E64.0	Sequelae of protein-calorie malnutrition	Diagnosis	ICD-10-CM
F50.00	Anorexia nervosa, unspecified	Diagnosis	ICD-10-CM
F50.01	Anorexia nervosa, restricting type	Diagnosis	ICD-10-CM
F50.02	Anorexia nervosa, binge eating/purging type	Diagnosis	ICD-10-CM
F50.2	Bulimia nervosa	Diagnosis	ICD-10-CM
F50.81	Binge eating disorder	Diagnosis	ICD-10-CM
F50.82	Avoidant/restrictive food intake disorder	Diagnosis	ICD-10-CM
F50.89	Other specified eating disorder	Diagnosis	ICD-10-CM
F50.9	Eating disorder, unspecified	Diagnosis	ICD-10-CM
R63.0	Anorexia	Diagnosis	ICD-10-CM
R63.4	Abnormal weight loss	Diagnosis	ICD-10-CM
Anxiety Disorders			
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

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
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
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
F42.2	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
R45.7	State of emotional shock and stress, unspecified	Diagnosis	ICD-10-CM
Atrial Fibrillation			
149.02	Ventricular flutter	Diagnosis	ICD-10-CM
I48	Atrial fibrillation and flutter	Diagnosis	ICD-10-CM
I48.0	Paroxysmal atrial fibrillation	Diagnosis	ICD-10-CM
I48.1	Persistent atrial fibrillation	Diagnosis	ICD-10-CM
I48.11	Longstanding persistent atrial fibrillation	Diagnosis	ICD-10-CM
I48.19	Other persistent atrial fibrillation	Diagnosis	ICD-10-CM
I48.2	Chronic atrial fibrillation	Diagnosis	ICD-10-CM
I48.20	Chronic atrial fibrillation, unspecified	Diagnosis	ICD-10-CM
I48.21	Permanent atrial fibrillation	Diagnosis	ICD-10-CM
I48.3	Typical atrial flutter	Diagnosis	ICD-10-CM
I48.4	Atypical atrial flutter	Diagnosis	ICD-10-CM
I48.9	Unspecified atrial fibrillation and atrial flutter	Diagnosis	ICD-10-CM
I48.91	Unspecified atrial fibrillation	Diagnosis	ICD-10-CM
I48.92	Unspecified atrial flutter	Diagnosis	ICD-10-CM
I49	Other cardiac arrhythmias	Diagnosis	ICD-10-CM
I49.0	Ventricular fibrillation and flutter	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I49.01	Ventricular fibrillation	Diagnosis	ICD-10-CM
Autism			
F84.0	Autistic disorder	Diagnosis	ICD-10-CM
F84.3	Other childhood disintegrative disorder	Diagnosis	ICD-10-CM
F84.5	Asperger's syndrome	Diagnosis	ICD-10-CM
F84.8	Other pervasive developmental disorders	Diagnosis	ICD-10-CM
F84.9	Pervasive developmental disorder, unspecified	Diagnosis	ICD-10-CM
Cancer			
C00	Malignant neoplasm of lip	Diagnosis	ICD-10-CM
C00.0	Malignant neoplasm of external upper lip	Diagnosis	ICD-10-CM
C00.1	Malignant neoplasm of external lower lip	Diagnosis	ICD-10-CM
C00.2	Malignant neoplasm of external lip, unspecified	Diagnosis	ICD-10-CM
C00.3	Malignant neoplasm of upper lip, inner aspect	Diagnosis	ICD-10-CM
C00.4	Malignant neoplasm of lower lip, inner aspect	Diagnosis	ICD-10-CM
C00.5	Malignant neoplasm of lip, unspecified, inner aspect	Diagnosis	ICD-10-CM
C00.6	Malignant neoplasm of commissure of lip, unspecified	Diagnosis	ICD-10-CM
C00.8	Malignant neoplasm of overlapping sites of lip	Diagnosis	ICD-10-CM
C00.9	Malignant neoplasm of lip, unspecified	Diagnosis	ICD-10-CM
C01	Malignant neoplasm of base of tongue	Diagnosis	ICD-10-CM
C02	Malignant neoplasm of other and unspecified parts of tongue	Diagnosis	ICD-10-CM
C02.0	Malignant neoplasm of dorsal surface of tongue	Diagnosis	ICD-10-CM
C02.1	Malignant neoplasm of border of tongue	Diagnosis	ICD-10-CM
C02.2	Malignant neoplasm of ventral surface of tongue	Diagnosis	ICD-10-CM
C02.3	Malignant neoplasm of anterior two-thirds of tongue, part unspecified	Diagnosis	ICD-10-CM
C02.4	Malignant neoplasm of lingual tonsil	Diagnosis	ICD-10-CM
C02.8	Malignant neoplasm of overlapping sites of tongue	Diagnosis	ICD-10-CM
C02.9	Malignant neoplasm of tongue, unspecified	Diagnosis	ICD-10-CM
C03	Malignant neoplasm of gum	Diagnosis	ICD-10-CM
C03.0	Malignant neoplasm of upper gum	Diagnosis	ICD-10-CM
C03.1	Malignant neoplasm of lower gum	Diagnosis	ICD-10-CM
C03.9	Malignant neoplasm of gum, unspecified	Diagnosis	ICD-10-CM
C04	Malignant neoplasm of floor of mouth	Diagnosis	ICD-10-CM
C04.0	Malignant neoplasm of anterior floor of mouth	Diagnosis	ICD-10-CM
C04.1	Malignant neoplasm of lateral floor of mouth	Diagnosis	ICD-10-CM
C04.8	Malignant neoplasm of overlapping sites of floor of mouth	Diagnosis	ICD-10-CM
C04.9	Malignant neoplasm of floor of mouth, unspecified	Diagnosis	ICD-10-CM
C05	Malignant neoplasm of palate	Diagnosis	ICD-10-CM
C05.0	Malignant neoplasm of hard palate	Diagnosis	ICD-10-CM
C05.1	Malignant neoplasm of soft palate	Diagnosis	ICD-10-CM
C05.2	Malignant neoplasm of uvula	Diagnosis	ICD-10-CM
C05.8	Malignant neoplasm of overlapping sites of palate	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C05.9	Malignant neoplasm of palate, unspecified	Diagnosis	ICD-10-CM
C06	Malignant neoplasm of other and unspecified parts of mouth	Diagnosis	ICD-10-CM
C06.0	Malignant neoplasm of cheek mucosa	Diagnosis	ICD-10-CM
C06.1	Malignant neoplasm of vestibule of mouth	Diagnosis	ICD-10-CM
C06.2	Malignant neoplasm of retromolar area	Diagnosis	ICD-10-CM
C06.8	Malignant neoplasm of overlapping sites of other and unspecified parts of mouth	Diagnosis	ICD-10-CM
C06.80	Malignant neoplasm of overlapping sites of unspecified parts of mouth	Diagnosis	ICD-10-CM
C06.89	Malignant neoplasm of overlapping sites of other parts of mouth	Diagnosis	ICD-10-CM
C06.9	Malignant neoplasm of mouth, unspecified	Diagnosis	ICD-10-CM
C07	Malignant neoplasm of parotid gland	Diagnosis	ICD-10-CM
C08	Malignant neoplasm of other and unspecified major salivary glands	Diagnosis	ICD-10-CM
C08.0	Malignant neoplasm of submandibular gland	Diagnosis	ICD-10-CM
C08.1	Malignant neoplasm of sublingual gland	Diagnosis	ICD-10-CM
C08.9	Malignant neoplasm of major salivary gland, unspecified	Diagnosis	ICD-10-CM
C09	Malignant neoplasm of tonsil	Diagnosis	ICD-10-CM
C09.0	Malignant neoplasm of tonsillar fossa	Diagnosis	ICD-10-CM
C09.1	Malignant neoplasm of tonsillar pillar (anterior) (posterior)	Diagnosis	ICD-10-CM
C09.8	Malignant neoplasm of overlapping sites of tonsil	Diagnosis	ICD-10-CM
C09.9	Malignant neoplasm of tonsil, unspecified	Diagnosis	ICD-10-CM
C10	Malignant neoplasm of oropharynx	Diagnosis	ICD-10-CM
C10.0	Malignant neoplasm of vallecula	Diagnosis	ICD-10-CM
C10.1	Malignant neoplasm of anterior surface of epiglottis	Diagnosis	ICD-10-CM
C10.2	Malignant neoplasm of lateral wall of oropharynx	Diagnosis	ICD-10-CM
C10.3	Malignant neoplasm of posterior wall of oropharynx	Diagnosis	ICD-10-CM
C10.4	Malignant neoplasm of branchial cleft	Diagnosis	ICD-10-CM
C10.8	Malignant neoplasm of overlapping sites of oropharynx	Diagnosis	ICD-10-CM
C10.9	Malignant neoplasm of oropharynx, unspecified	Diagnosis	ICD-10-CM
C11	Malignant neoplasm of nasopharynx	Diagnosis	ICD-10-CM
C11.0	Malignant neoplasm of superior wall of nasopharynx	Diagnosis	ICD-10-CM
C11.1	Malignant neoplasm of posterior wall of nasopharynx	Diagnosis	ICD-10-CM
C11.2	Malignant neoplasm of lateral wall of nasopharynx	Diagnosis	ICD-10-CM
C11.3	Malignant neoplasm of anterior wall of nasopharynx	Diagnosis	ICD-10-CM
C11.8	Malignant neoplasm of overlapping sites of nasopharynx	Diagnosis	ICD-10-CM
C11.9	Malignant neoplasm of nasopharynx, unspecified	Diagnosis	ICD-10-CM
C12	Malignant neoplasm of pyriform sinus	Diagnosis	ICD-10-CM
C13	Malignant neoplasm of hypopharynx	Diagnosis	ICD-10-CM
C13.0	Malignant neoplasm of postcricoid region	Diagnosis	ICD-10-CM
C13.1	Malignant neoplasm of aryepiglottic fold, hypopharyngeal aspect	Diagnosis	ICD-10-CM
C13.2	Malignant neoplasm of posterior wall of hypopharynx	Diagnosis	ICD-10-CM
C13.8	Malignant neoplasm of overlapping sites of hypopharynx	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C13.9	Malignant neoplasm of hypopharynx, unspecified	Diagnosis	ICD-10-CM
C14	Malignant neoplasm of other and ill-defined sites in the lip, oral cavity and pharynx	Diagnosis	ICD-10-CM
C14.0	Malignant neoplasm of pharynx, unspecified	Diagnosis	ICD-10-CM
C14.2	Malignant neoplasm of Waldeyer's ring	Diagnosis	ICD-10-CM
C14.8	Malignant neoplasm of overlapping sites of lip, oral cavity and pharynx	Diagnosis	ICD-10-CM
C15	Malignant neoplasm of esophagus	Diagnosis	ICD-10-CM
C15.3	Malignant neoplasm of upper third of esophagus	Diagnosis	ICD-10-CM
C15.4	Malignant neoplasm of middle third of esophagus	Diagnosis	ICD-10-CM
C15.5	Malignant neoplasm of lower third of esophagus	Diagnosis	ICD-10-CM
C15.8	Malignant neoplasm of overlapping sites of esophagus	Diagnosis	ICD-10-CM
C15.9	Malignant neoplasm of esophagus, unspecified	Diagnosis	ICD-10-CM
C16	Malignant neoplasm of stomach	Diagnosis	ICD-10-CM
C16.0	Malignant neoplasm of cardia	Diagnosis	ICD-10-CM
C16.1	Malignant neoplasm of fundus of stomach	Diagnosis	ICD-10-CM
C16.2	Malignant neoplasm of body of stomach	Diagnosis	ICD-10-CM
C16.3	Malignant neoplasm of pyloric antrum	Diagnosis	ICD-10-CM
C16.4	Malignant neoplasm of pylorus	Diagnosis	ICD-10-CM
C16.5	Malignant neoplasm of lesser curvature of stomach, unspecified	Diagnosis	ICD-10-CM
C16.6	Malignant neoplasm of greater curvature of stomach, unspecified	Diagnosis	ICD-10-CM
C16.8	Malignant neoplasm of overlapping sites of stomach	Diagnosis	ICD-10-CM
C16.9	Malignant neoplasm of stomach, unspecified	Diagnosis	ICD-10-CM
C17	Malignant neoplasm of small intestine	Diagnosis	ICD-10-CM
C17.0	Malignant neoplasm of duodenum	Diagnosis	ICD-10-CM
C17.1	Malignant neoplasm of jejunum	Diagnosis	ICD-10-CM
C17.2	Malignant neoplasm of ileum	Diagnosis	ICD-10-CM
C17.3	Meckel's diverticulum, malignant	Diagnosis	ICD-10-CM
C17.8	Malignant neoplasm of overlapping sites of small intestine	Diagnosis	ICD-10-CM
C17.9	Malignant neoplasm of small intestine, unspecified	Diagnosis	ICD-10-CM
C18	Malignant neoplasm of colon	Diagnosis	ICD-10-CM
C18.0	Malignant neoplasm of cecum	Diagnosis	ICD-10-CM
C18.1	Malignant neoplasm of appendix	Diagnosis	ICD-10-CM
C18.2	Malignant neoplasm of ascending colon	Diagnosis	ICD-10-CM
C18.3	Malignant neoplasm of hepatic flexure	Diagnosis	ICD-10-CM
C18.4	Malignant neoplasm of transverse colon	Diagnosis	ICD-10-CM
C18.5	Malignant neoplasm of splenic flexure	Diagnosis	ICD-10-CM
C18.6	Malignant neoplasm of descending colon	Diagnosis	ICD-10-CM
C18.7	Malignant neoplasm of sigmoid colon	Diagnosis	ICD-10-CM
C18.8	Malignant neoplasm of overlapping sites of colon	Diagnosis	ICD-10-CM
C18.9	Malignant neoplasm of colon, unspecified	Diagnosis	ICD-10-CM
C19	Malignant neoplasm of rectosigmoid junction	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C20	Malignant neoplasm of rectum	Diagnosis	ICD-10-CM
C21	Malignant neoplasm of anus and anal canal	Diagnosis	ICD-10-CM
C21.0	Malignant neoplasm of anus, unspecified	Diagnosis	ICD-10-CM
C21.1	Malignant neoplasm of anal canal	Diagnosis	ICD-10-CM
C21.2	Malignant neoplasm of cloacogenic zone	Diagnosis	ICD-10-CM
C21.8	Malignant neoplasm of overlapping sites of rectum, anus and anal canal	Diagnosis	ICD-10-CM
C22	Malignant neoplasm of liver and intrahepatic bile ducts	Diagnosis	ICD-10-CM
C22.0	Liver cell carcinoma	Diagnosis	ICD-10-CM
C22.1	Intrahepatic bile duct carcinoma	Diagnosis	ICD-10-CM
C22.2	Hepatoblastoma	Diagnosis	ICD-10-CM
C22.3	Angiosarcoma of liver	Diagnosis	ICD-10-CM
C22.4	Other sarcomas of liver	Diagnosis	ICD-10-CM
C22.7	Other specified carcinomas of liver	Diagnosis	ICD-10-CM
C22.8	Malignant neoplasm of liver, primary, unspecified as to type	Diagnosis	ICD-10-CM
C22.9	Malignant neoplasm of liver, not specified as primary or secondary	Diagnosis	ICD-10-CM
C23	Malignant neoplasm of gallbladder	Diagnosis	ICD-10-CM
C24	Malignant neoplasm of other and unspecified parts of biliary tract	Diagnosis	ICD-10-CM
C24.0	Malignant neoplasm of extrahepatic bile duct	Diagnosis	ICD-10-CM
C24.1	Malignant neoplasm of ampulla of Vater	Diagnosis	ICD-10-CM
C24.8	Malignant neoplasm of overlapping sites of biliary tract	Diagnosis	ICD-10-CM
C24.9	Malignant neoplasm of biliary tract, unspecified	Diagnosis	ICD-10-CM
C25	Malignant neoplasm of pancreas	Diagnosis	ICD-10-CM
C25.0	Malignant neoplasm of head of pancreas	Diagnosis	ICD-10-CM
C25.1	Malignant neoplasm of body of pancreas	Diagnosis	ICD-10-CM
C25.2	Malignant neoplasm of tail of pancreas	Diagnosis	ICD-10-CM
C25.3	Malignant neoplasm of pancreatic duct	Diagnosis	ICD-10-CM
C25.4	Malignant neoplasm of endocrine pancreas	Diagnosis	ICD-10-CM
C25.7	Malignant neoplasm of other parts of pancreas	Diagnosis	ICD-10-CM
C25.8	Malignant neoplasm of overlapping sites of pancreas	Diagnosis	ICD-10-CM
C25.9	Malignant neoplasm of pancreas, unspecified	Diagnosis	ICD-10-CM
C26	Malignant neoplasm of other and ill-defined digestive organs	Diagnosis	ICD-10-CM
C26.0	Malignant neoplasm of intestinal tract, part unspecified	Diagnosis	ICD-10-CM
C26.1	Malignant neoplasm of spleen	Diagnosis	ICD-10-CM
C26.9	Malignant neoplasm of ill-defined sites within the digestive system	Diagnosis	ICD-10-CM
C30	Malignant neoplasm of nasal cavity and middle ear	Diagnosis	ICD-10-CM
C30.0	Malignant neoplasm of nasal cavity	Diagnosis	ICD-10-CM
C30.1	Malignant neoplasm of middle ear	Diagnosis	ICD-10-CM
C31	Malignant neoplasm of accessory sinuses	Diagnosis	ICD-10-CM
C31.0	Malignant neoplasm of maxillary sinus	Diagnosis	ICD-10-CM
C31.1	Malignant neoplasm of ethmoidal sinus	Diagnosis	ICD-10-CM
C31.2	Malignant neoplasm of frontal sinus	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C31.3	Malignant neoplasm of sphenoid sinus	Diagnosis	ICD-10-CM
C31.8	Malignant neoplasm of overlapping sites of accessory sinuses	Diagnosis	ICD-10-CM
C31.9	Malignant neoplasm of accessory sinus, unspecified	Diagnosis	ICD-10-CM
C32	Malignant neoplasm of larynx	Diagnosis	ICD-10-CM
C32.0	Malignant neoplasm of glottis	Diagnosis	ICD-10-CM
C32.1	Malignant neoplasm of supraglottis	Diagnosis	ICD-10-CM
C32.2	Malignant neoplasm of subglottis	Diagnosis	ICD-10-CM
C32.3	Malignant neoplasm of laryngeal cartilage	Diagnosis	ICD-10-CM
C32.8	Malignant neoplasm of overlapping sites of larynx	Diagnosis	ICD-10-CM
C32.9	Malignant neoplasm of larynx, unspecified	Diagnosis	ICD-10-CM
C33	Malignant neoplasm of trachea	Diagnosis	ICD-10-CM
C34	Malignant neoplasm of bronchus and lung	Diagnosis	ICD-10-CM
C34.0	Malignant neoplasm of main bronchus	Diagnosis	ICD-10-CM
C34.00	Malignant neoplasm of unspecified main bronchus	Diagnosis	ICD-10-CM
C34.01	Malignant neoplasm of right main bronchus	Diagnosis	ICD-10-CM
C34.02	Malignant neoplasm of left main bronchus	Diagnosis	ICD-10-CM
C34.1	Malignant neoplasm of upper lobe, bronchus or lung	Diagnosis	ICD-10-CM
C34.10	Malignant neoplasm of upper lobe, unspecified bronchus or lung	Diagnosis	ICD-10-CM
C34.11	Malignant neoplasm of upper lobe, right bronchus or lung	Diagnosis	ICD-10-CM
C34.12	Malignant neoplasm of upper lobe, left bronchus or lung	Diagnosis	ICD-10-CM
C34.2	Malignant neoplasm of middle lobe, bronchus or lung	Diagnosis	ICD-10-CM
C34.3	Malignant neoplasm of lower lobe, bronchus or lung	Diagnosis	ICD-10-CM
C34.30	Malignant neoplasm of lower lobe, unspecified bronchus or lung	Diagnosis	ICD-10-CM
C34.31	Malignant neoplasm of lower lobe, right bronchus or lung	Diagnosis	ICD-10-CM
C34.32	Malignant neoplasm of lower lobe, left bronchus or lung	Diagnosis	ICD-10-CM
C34.8	Malignant neoplasm of overlapping sites of bronchus and lung	Diagnosis	ICD-10-CM
C34.80	Malignant neoplasm of overlapping sites of unspecified bronchus and lung	Diagnosis	ICD-10-CM
C34.81	Malignant neoplasm of overlapping sites of right bronchus and lung	Diagnosis	ICD-10-CM
C34.82	Malignant neoplasm of overlapping sites of left bronchus and lung	Diagnosis	ICD-10-CM
C34.9	Malignant neoplasm of unspecified part of bronchus or lung	Diagnosis	ICD-10-CM
C34.90	Malignant neoplasm of unspecified part of unspecified bronchus or lung	Diagnosis	ICD-10-CM
C34.91	Malignant neoplasm of unspecified part of right bronchus or lung	Diagnosis	ICD-10-CM
C34.92	Malignant neoplasm of unspecified part of left bronchus or lung	Diagnosis	ICD-10-CM
C37	Malignant neoplasm of thymus	Diagnosis	ICD-10-CM
C38	Malignant neoplasm of heart, mediastinum and pleura	Diagnosis	ICD-10-CM
C38.0	Malignant neoplasm of heart	Diagnosis	ICD-10-CM
C38.1	Malignant neoplasm of anterior mediastinum	Diagnosis	ICD-10-CM
C38.2	Malignant neoplasm of posterior mediastinum	Diagnosis	ICD-10-CM
C38.3	Malignant neoplasm of mediastinum, part unspecified	Diagnosis	ICD-10-CM
C38.4	Malignant neoplasm of pleura	Diagnosis	ICD-10-CM
C38.8	Malignant neoplasm of overlapping sites of heart, mediastinum and pleura	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C39	Malignant neoplasm of other and ill-defined sites in the respiratory system and intrathoracic organs	Diagnosis	ICD-10-CM
C39.0	Malignant neoplasm of upper respiratory tract, part unspecified	Diagnosis	ICD-10-CM
C39.9	Malignant neoplasm of lower respiratory tract, part unspecified	Diagnosis	ICD-10-CM
C40	Malignant neoplasm of bone and articular cartilage of limbs	Diagnosis	ICD-10-CM
C40.0	Malignant neoplasm of scapula and long bones of upper limb	Diagnosis	ICD-10-CM
C40.00	Malignant neoplasm of scapula and long bones of unspecified upper limb	Diagnosis	ICD-10-CM
C40.01	Malignant neoplasm of scapula and long bones of right upper limb	Diagnosis	ICD-10-CM
C40.02	Malignant neoplasm of scapula and long bones of left upper limb	Diagnosis	ICD-10-CM
C40.1	Malignant neoplasm of short bones of upper limb	Diagnosis	ICD-10-CM
C40.10	Malignant neoplasm of short bones of unspecified upper limb	Diagnosis	ICD-10-CM
C40.11	Malignant neoplasm of short bones of right upper limb	Diagnosis	ICD-10-CM
C40.12	Malignant neoplasm of short bones of left upper limb	Diagnosis	ICD-10-CM
C40.2	Malignant neoplasm of long bones of lower limb	Diagnosis	ICD-10-CM
C40.20	Malignant neoplasm of long bones of unspecified lower limb	Diagnosis	ICD-10-CM
C40.21	Malignant neoplasm of long bones of right lower limb	Diagnosis	ICD-10-CM
C40.22	Malignant neoplasm of long bones of left lower limb	Diagnosis	ICD-10-CM
C40.3	Malignant neoplasm of short bones of lower limb	Diagnosis	ICD-10-CM
C40.30	Malignant neoplasm of short bones of unspecified lower limb	Diagnosis	ICD-10-CM
C40.31	Malignant neoplasm of short bones of right lower limb	Diagnosis	ICD-10-CM
C40.32	Malignant neoplasm of short bones of left lower limb	Diagnosis	ICD-10-CM
C40.8	Malignant neoplasm of overlapping sites of bone and articular cartilage of limb	Diagnosis	ICD-10-CM
C40.80	Malignant neoplasm of overlapping sites of bone and articular cartilage of unspecified limb	Diagnosis	ICD-10-CM
C40.81	Malignant neoplasm of overlapping sites of bone and articular cartilage of right limb	Diagnosis	ICD-10-CM
C40.82	Malignant neoplasm of overlapping sites of bone and articular cartilage of left limb	Diagnosis	ICD-10-CM
C40.9	Malignant neoplasm of unspecified bones and articular cartilage of limb	Diagnosis	ICD-10-CM
C40.90	Malignant neoplasm of unspecified bones and articular cartilage of unspecified limb	Diagnosis	ICD-10-CM
C40.91	Malignant neoplasm of unspecified bones and articular cartilage of right limb	Diagnosis	ICD-10-CM
C40.92	Malignant neoplasm of unspecified bones and articular cartilage of left limb	Diagnosis	ICD-10-CM
C41	Malignant neoplasm of bone and articular cartilage of other and unspecified sites	Diagnosis	ICD-10-CM
C41.0	Malignant neoplasm of bones of skull and face	Diagnosis	ICD-10-CM
C41.1	Malignant neoplasm of mandible	Diagnosis	ICD-10-CM
C41.2	Malignant neoplasm of vertebral column	Diagnosis	ICD-10-CM
C41.3	Malignant neoplasm of ribs, sternum and clavicle	Diagnosis	ICD-10-CM
C41.4	Malignant neoplasm of pelvic bones, sacrum and coccyx	Diagnosis	ICD-10-CM
C41.9	Malignant neoplasm of bone and articular cartilage, unspecified	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C43	Malignant melanoma of skin	Diagnosis	ICD-10-CM
C43.0	Malignant melanoma of lip	Diagnosis	ICD-10-CM
C43.1	Malignant melanoma of eyelid, including canthus	Diagnosis	ICD-10-CM
C43.10	Malignant melanoma of unspecified eyelid, including canthus	Diagnosis	ICD-10-CM
C43.11	Malignant melanoma of right eyelid, including canthus	Diagnosis	ICD-10-CM
C43.111	Malignant melanoma of right upper eyelid, including canthus	Diagnosis	ICD-10-CM
C43.112	Malignant melanoma of right lower eyelid, including canthus	Diagnosis	ICD-10-CM
C43.12	Malignant melanoma of left eyelid, including canthus	Diagnosis	ICD-10-CM
C43.121	Malignant melanoma of left upper eyelid, including canthus	Diagnosis	ICD-10-CM
C43.122	Malignant melanoma of left lower eyelid, including canthus	Diagnosis	ICD-10-CM
C43.2	Malignant melanoma of ear and external auricular canal	Diagnosis	ICD-10-CM
C43.20	Malignant melanoma of unspecified ear and external auricular canal	Diagnosis	ICD-10-CM
C43.21	Malignant melanoma of right ear and external auricular canal	Diagnosis	ICD-10-CM
C43.22	Malignant melanoma of left ear and external auricular canal	Diagnosis	ICD-10-CM
C43.3	Malignant melanoma of other and unspecified parts of face	Diagnosis	ICD-10-CM
C43.30	Malignant melanoma of unspecified part of face	Diagnosis	ICD-10-CM
C43.31	Malignant melanoma of nose	Diagnosis	ICD-10-CM
C43.39	Malignant melanoma of other parts of face	Diagnosis	ICD-10-CM
C43.4	Malignant melanoma of scalp and neck	Diagnosis	ICD-10-CM
C43.5	Malignant melanoma of trunk	Diagnosis	ICD-10-CM
C43.51	Malignant melanoma of anal skin	Diagnosis	ICD-10-CM
C43.52	Malignant melanoma of skin of breast	Diagnosis	ICD-10-CM
C43.59	Malignant melanoma of other part of trunk	Diagnosis	ICD-10-CM
C43.6	Malignant melanoma of upper limb, including shoulder	Diagnosis	ICD-10-CM
C43.60	Malignant melanoma of unspecified upper limb, including shoulder	Diagnosis	ICD-10-CM
C43.61	Malignant melanoma of right upper limb, including shoulder	Diagnosis	ICD-10-CM
C43.62	Malignant melanoma of left upper limb, including shoulder	Diagnosis	ICD-10-CM
C43.7	Malignant melanoma of lower limb, including hip	Diagnosis	ICD-10-CM
C43.70	Malignant melanoma of unspecified lower limb, including hip	Diagnosis	ICD-10-CM
C43.71	Malignant melanoma of right lower limb, including hip	Diagnosis	ICD-10-CM
C43.72	Malignant melanoma of left lower limb, including hip	Diagnosis	ICD-10-CM
C43.8	Malignant melanoma of overlapping sites of skin	Diagnosis	ICD-10-CM
C43.9	Malignant melanoma of skin, unspecified	Diagnosis	ICD-10-CM
C45	Mesothelioma	Diagnosis	ICD-10-CM
C45.0	Mesothelioma of pleura	Diagnosis	ICD-10-CM
C45.1	Mesothelioma of peritoneum	Diagnosis	ICD-10-CM
C45.2	Mesothelioma of pericardium	Diagnosis	ICD-10-CM
C45.7	Mesothelioma of other sites	Diagnosis	ICD-10-CM
C45.9	Mesothelioma, unspecified	Diagnosis	ICD-10-CM
C46	Kaposi's sarcoma	Diagnosis	ICD-10-CM
C46.0	Kaposi's sarcoma of skin	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C46.1	Kaposi's sarcoma of soft tissue	Diagnosis	ICD-10-CM
C46.2	Kaposi's sarcoma of palate	Diagnosis	ICD-10-CM
C46.3	Kaposi's sarcoma of lymph nodes	Diagnosis	ICD-10-CM
C46.4	Kaposi's sarcoma of gastrointestinal sites	Diagnosis	ICD-10-CM
C46.5	Kaposi's sarcoma of lung	Diagnosis	ICD-10-CM
C46.50	Kaposi's sarcoma of unspecified lung	Diagnosis	ICD-10-CM
C46.51	Kaposi's sarcoma of right lung	Diagnosis	ICD-10-CM
C46.52	Kaposi's sarcoma of left lung	Diagnosis	ICD-10-CM
C46.7	Kaposi's sarcoma of other sites	Diagnosis	ICD-10-CM
C46.9	Kaposi's sarcoma, unspecified	Diagnosis	ICD-10-CM
C47	Malignant neoplasm of peripheral nerves and autonomic nervous system	Diagnosis	ICD-10-CM
C47.0	Malignant neoplasm of peripheral nerves of head, face and neck	Diagnosis	ICD-10-CM
C47.1	Malignant neoplasm of peripheral nerves of upper limb, including shoulder	Diagnosis	ICD-10-CM
C47.10	Malignant neoplasm of peripheral nerves of unspecified upper limb, including shoulder	Diagnosis	ICD-10-CM
C47.11	Malignant neoplasm of peripheral nerves of right upper limb, including shoulder	Diagnosis	ICD-10-CM
C47.12	Malignant neoplasm of peripheral nerves of left upper limb, including shoulder	Diagnosis	ICD-10-CM
C47.2	Malignant neoplasm of peripheral nerves of lower limb, including hip	Diagnosis	ICD-10-CM
C47.20	Malignant neoplasm of peripheral nerves of unspecified lower limb, including hip	Diagnosis	ICD-10-CM
C47.21	Malignant neoplasm of peripheral nerves of right lower limb, including hip	Diagnosis	ICD-10-CM
C47.22	Malignant neoplasm of peripheral nerves of left lower limb, including hip	Diagnosis	ICD-10-CM
C47.3	Malignant neoplasm of peripheral nerves of thorax	Diagnosis	ICD-10-CM
C47.4	Malignant neoplasm of peripheral nerves of abdomen	Diagnosis	ICD-10-CM
C47.5	Malignant neoplasm of peripheral nerves of pelvis	Diagnosis	ICD-10-CM
C47.6	Malignant neoplasm of peripheral nerves of trunk, unspecified	Diagnosis	ICD-10-CM
C47.8	Malignant neoplasm of overlapping sites of peripheral nerves and autonomic nervous system	Diagnosis	ICD-10-CM
C47.9	Malignant neoplasm of peripheral nerves and autonomic nervous system, unspecified	Diagnosis	ICD-10-CM
C48	Malignant neoplasm of retroperitoneum and peritoneum	Diagnosis	ICD-10-CM
C48.0	Malignant neoplasm of retroperitoneum	Diagnosis	ICD-10-CM
C48.1	Malignant neoplasm of specified parts of peritoneum	Diagnosis	ICD-10-CM
C48.2	Malignant neoplasm of peritoneum, unspecified	Diagnosis	ICD-10-CM
C48.8	Malignant neoplasm of overlapping sites of retroperitoneum and peritoneum	Diagnosis	ICD-10-CM
C49	Malignant neoplasm of other connective and soft tissue	Diagnosis	ICD-10-CM
C49.0	Malignant neoplasm of connective and soft tissue of head, face and neck	Diagnosis	ICD-10-CM
C49.1	Malignant neoplasm of connective and soft tissue of upper limb, including shoulder	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C49.10	Malignant neoplasm of connective and soft tissue of unspecified upper limb, including shoulder	Diagnosis	ICD-10-CM
C49.11	Malignant neoplasm of connective and soft tissue of right upper limb, including shoulder	Diagnosis	ICD-10-CM
C49.12	Malignant neoplasm of connective and soft tissue of left upper limb, including shoulder	Diagnosis	ICD-10-CM
C49.2	Malignant neoplasm of connective and soft tissue of lower limb, including hip	Diagnosis	ICD-10-CM
C49.20	Malignant neoplasm of connective and soft tissue of unspecified lower limb, including hip	Diagnosis	ICD-10-CM
C49.21	Malignant neoplasm of connective and soft tissue of right lower limb, including hip	Diagnosis	ICD-10-CM
C49.22	Malignant neoplasm of connective and soft tissue of left lower limb, including hip	Diagnosis	ICD-10-CM
C49.3	Malignant neoplasm of connective and soft tissue of thorax	Diagnosis	ICD-10-CM
C49.4	Malignant neoplasm of connective and soft tissue of abdomen	Diagnosis	ICD-10-CM
C49.5	Malignant neoplasm of connective and soft tissue of pelvis	Diagnosis	ICD-10-CM
C49.6	Malignant neoplasm of connective and soft tissue of trunk, unspecified	Diagnosis	ICD-10-CM
C49.8	Malignant neoplasm of overlapping sites of connective and soft tissue	Diagnosis	ICD-10-CM
C49.9	Malignant neoplasm of connective and soft tissue, unspecified	Diagnosis	ICD-10-CM
C49.A	Gastrointestinal stromal tumor	Diagnosis	ICD-10-CM
C49.A0	Gastrointestinal stromal tumor, unspecified site	Diagnosis	ICD-10-CM
C49.A1	Gastrointestinal stromal tumor of esophagus	Diagnosis	ICD-10-CM
C49.A2	Gastrointestinal stromal tumor of stomach	Diagnosis	ICD-10-CM
C49.A3	Gastrointestinal stromal tumor of small intestine	Diagnosis	ICD-10-CM
C49.A4	Gastrointestinal stromal tumor of large intestine	Diagnosis	ICD-10-CM
C49.A5	Gastrointestinal stromal tumor of rectum	Diagnosis	ICD-10-CM
C49.A9	Gastrointestinal stromal tumor of other sites	Diagnosis	ICD-10-CM
C4A	Merkel cell carcinoma	Diagnosis	ICD-10-CM
C4A.0	Merkel cell carcinoma of lip	Diagnosis	ICD-10-CM
C4A.1	Merkel cell carcinoma of eyelid, including canthus	Diagnosis	ICD-10-CM
C4A.10	Merkel cell carcinoma of unspecified eyelid, including canthus	Diagnosis	ICD-10-CM
C4A.11	Merkel cell carcinoma of right eyelid, including canthus	Diagnosis	ICD-10-CM
C4A.111	Merkel cell carcinoma of right upper eyelid, including canthus	Diagnosis	ICD-10-CM
C4A.112	Merkel cell carcinoma of right lower eyelid, including canthus	Diagnosis	ICD-10-CM
C4A.12	Merkel cell carcinoma of left eyelid, including canthus	Diagnosis	ICD-10-CM
C4A.121	Merkel cell carcinoma of left upper eyelid, including canthus	Diagnosis	ICD-10-CM
C4A.122	Merkel cell carcinoma of left lower eyelid, including canthus	Diagnosis	ICD-10-CM
C4A.2	Merkel cell carcinoma of ear and external auricular canal	Diagnosis	ICD-10-CM
C4A.20	Merkel cell carcinoma of unspecified ear and external auricular canal	Diagnosis	ICD-10-CM
C4A.21	Merkel cell carcinoma of right ear and external auricular canal	Diagnosis	ICD-10-CM
C4A.22	Merkel cell carcinoma of left ear and external auricular canal	Diagnosis	ICD-10-CM
C4A.3	Merkel cell carcinoma of other and unspecified parts of face	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C4A.30	Merkel cell carcinoma of unspecified part of face	Diagnosis	ICD-10-CM
C4A.31	Merkel cell carcinoma of nose	Diagnosis	ICD-10-CM
C4A.39	Merkel cell carcinoma of other parts of face	Diagnosis	ICD-10-CM
C4A.4	Merkel cell carcinoma of scalp and neck	Diagnosis	ICD-10-CM
C4A.5	Merkel cell carcinoma of trunk	Diagnosis	ICD-10-CM
C4A.51	Merkel cell carcinoma of anal skin	Diagnosis	ICD-10-CM
C4A.52	Merkel cell carcinoma of skin of breast	Diagnosis	ICD-10-CM
C4A.59	Merkel cell carcinoma of other part of trunk	Diagnosis	ICD-10-CM
C4A.6	Merkel cell carcinoma of upper limb, including shoulder	Diagnosis	ICD-10-CM
C4A.60	Merkel cell carcinoma of unspecified upper limb, including shoulder	Diagnosis	ICD-10-CM
C4A.61	Merkel cell carcinoma of right upper limb, including shoulder	Diagnosis	ICD-10-CM
C4A.62	Merkel cell carcinoma of left upper limb, including shoulder	Diagnosis	ICD-10-CM
C4A.7	Merkel cell carcinoma of lower limb, including hip	Diagnosis	ICD-10-CM
C4A.70	Merkel cell carcinoma of unspecified lower limb, including hip	Diagnosis	ICD-10-CM
C4A.71	Merkel cell carcinoma of right lower limb, including hip	Diagnosis	ICD-10-CM
C4A.72	Merkel cell carcinoma of left lower limb, including hip	Diagnosis	ICD-10-CM
C4A.8	Merkel cell carcinoma of overlapping sites	Diagnosis	ICD-10-CM
C4A.9	Merkel cell carcinoma, unspecified	Diagnosis	ICD-10-CM
C50	Malignant neoplasm of breast	Diagnosis	ICD-10-CM
C50.0	Malignant neoplasm of nipple and areola	Diagnosis	ICD-10-CM
C50.01	Malignant neoplasm of nipple and areola, female	Diagnosis	ICD-10-CM
C50.011	Malignant neoplasm of nipple and areola, right female breast	Diagnosis	ICD-10-CM
C50.012	Malignant neoplasm of nipple and areola, left female breast	Diagnosis	ICD-10-CM
C50.019	Malignant neoplasm of nipple and areola, unspecified female breast	Diagnosis	ICD-10-CM
C50.02	Malignant neoplasm of nipple and areola, male	Diagnosis	ICD-10-CM
C50.021	Malignant neoplasm of nipple and areola, right male breast	Diagnosis	ICD-10-CM
C50.022	Malignant neoplasm of nipple and areola, left male breast	Diagnosis	ICD-10-CM
C50.029	Malignant neoplasm of nipple and areola, unspecified male breast	Diagnosis	ICD-10-CM
C50.1	Malignant neoplasm of central portion of breast	Diagnosis	ICD-10-CM
C50.11	Malignant neoplasm of central portion of breast, female	Diagnosis	ICD-10-CM
C50.111	Malignant neoplasm of central portion of right female breast	Diagnosis	ICD-10-CM
C50.112	Malignant neoplasm of central portion of left female breast	Diagnosis	ICD-10-CM
C50.119	Malignant neoplasm of central portion of unspecified female breast	Diagnosis	ICD-10-CM
C50.12	Malignant neoplasm of central portion of breast, male	Diagnosis	ICD-10-CM
C50.121	Malignant neoplasm of central portion of right male breast	Diagnosis	ICD-10-CM
C50.122	Malignant neoplasm of central portion of left male breast	Diagnosis	ICD-10-CM
C50.129	Malignant neoplasm of central portion of unspecified male breast	Diagnosis	ICD-10-CM
C50.2	Malignant neoplasm of upper-inner quadrant of breast	Diagnosis	ICD-10-CM
C50.21	Malignant neoplasm of upper-inner quadrant of breast, female	Diagnosis	ICD-10-CM
C50.211	Malignant neoplasm of upper-inner quadrant of right female breast	Diagnosis	ICD-10-CM
C50.212	Malignant neoplasm of upper-inner quadrant of left female breast	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C50.219	Malignant neoplasm of upper-inner quadrant of unspecified female breast	Diagnosis	ICD-10-CM
C50.22	Malignant neoplasm of upper-inner quadrant of breast, male	Diagnosis	ICD-10-CM
C50.221	Malignant neoplasm of upper-inner quadrant of right male breast	Diagnosis	ICD-10-CM
C50.222	Malignant neoplasm of upper-inner quadrant of left male breast	Diagnosis	ICD-10-CM
C50.229	Malignant neoplasm of upper-inner quadrant of unspecified male breast	Diagnosis	ICD-10-CM
C50.3	Malignant neoplasm of lower-inner quadrant of breast	Diagnosis	ICD-10-CM
C50.31	Malignant neoplasm of lower-inner quadrant of breast, female	Diagnosis	ICD-10-CM
C50.311	Malignant neoplasm of lower-inner quadrant of right female breast	Diagnosis	ICD-10-CM
C50.312	Malignant neoplasm of lower-inner quadrant of left female breast	Diagnosis	ICD-10-CM
C50.319	Malignant neoplasm of lower-inner quadrant of unspecified female breast	Diagnosis	ICD-10-CM
C50.32	Malignant neoplasm of lower-inner quadrant of breast, male	Diagnosis	ICD-10-CM
C50.321	Malignant neoplasm of lower-inner quadrant of right male breast	Diagnosis	ICD-10-CM
C50.322	Malignant neoplasm of lower-inner quadrant of left male breast	Diagnosis	ICD-10-CM
C50.329	Malignant neoplasm of lower-inner quadrant of unspecified male breast	Diagnosis	ICD-10-CM
C50.4	Malignant neoplasm of upper-outer quadrant of breast	Diagnosis	ICD-10-CM
C50.41	Malignant neoplasm of upper-outer quadrant of breast, female	Diagnosis	ICD-10-CM
C50.411	Malignant neoplasm of upper-outer quadrant of right female breast	Diagnosis	ICD-10-CM
C50.412	Malignant neoplasm of upper-outer quadrant of left female breast	Diagnosis	ICD-10-CM
C50.419	Malignant neoplasm of upper-outer quadrant of unspecified female breast	Diagnosis	ICD-10-CM
C50.42	Malignant neoplasm of upper-outer quadrant of breast, male	Diagnosis	ICD-10-CM
C50.421	Malignant neoplasm of upper-outer quadrant of right male breast	Diagnosis	ICD-10-CM
C50.422	Malignant neoplasm of upper-outer quadrant of left male breast	Diagnosis	ICD-10-CM
C50.429	Malignant neoplasm of upper-outer quadrant of unspecified male breast	Diagnosis	ICD-10-CM
C50.5	Malignant neoplasm of lower-outer quadrant of breast	Diagnosis	ICD-10-CM
C50.51	Malignant neoplasm of lower-outer quadrant of breast, female	Diagnosis	ICD-10-CM
C50.511	Malignant neoplasm of lower-outer quadrant of right female breast	Diagnosis	ICD-10-CM
C50.512	Malignant neoplasm of lower-outer quadrant of left female breast	Diagnosis	ICD-10-CM
C50.519	Malignant neoplasm of lower-outer quadrant of unspecified female breast	Diagnosis	ICD-10-CM
C50.52	Malignant neoplasm of lower-outer quadrant of breast, male	Diagnosis	ICD-10-CM
C50.521	Malignant neoplasm of lower-outer quadrant of right male breast	Diagnosis	ICD-10-CM
C50.522	Malignant neoplasm of lower-outer quadrant of left male breast	Diagnosis	ICD-10-CM
C50.529	Malignant neoplasm of lower-outer quadrant of unspecified male breast	Diagnosis	ICD-10-CM
C50.6	Malignant neoplasm of axillary tail of breast	Diagnosis	ICD-10-CM
C50.61	Malignant neoplasm of axillary tail of breast, female	Diagnosis	ICD-10-CM
C50.611	Malignant neoplasm of axillary tail of right female breast	Diagnosis	ICD-10-CM
C50.612	Malignant neoplasm of axillary tail of left female breast	Diagnosis	ICD-10-CM
C50.619	Malignant neoplasm of axillary tail of unspecified female breast	Diagnosis	ICD-10-CM
C50.62	Malignant neoplasm of axillary tail of breast, male	Diagnosis	ICD-10-CM
C50.621	Malignant neoplasm of axillary tail of right male breast	Diagnosis	ICD-10-CM
C50.622	Malignant neoplasm of axillary tail of left male breast	Diagnosis	ICD-10-CM
C50.629	Malignant neoplasm of axillary tail of unspecified male breast	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C50.8	Malignant neoplasm of overlapping sites of breast	Diagnosis	ICD-10-CM
C50.81	Malignant neoplasm of overlapping sites of breast, female	Diagnosis	ICD-10-CM
C50.811	Malignant neoplasm of overlapping sites of right female breast	Diagnosis	ICD-10-CM
C50.812	Malignant neoplasm of overlapping sites of left female breast	Diagnosis	ICD-10-CM
C50.819	Malignant neoplasm of overlapping sites of unspecified female breast	Diagnosis	ICD-10-CM
C50.82	Malignant neoplasm of overlapping sites of breast, male	Diagnosis	ICD-10-CM
C50.821	Malignant neoplasm of overlapping sites of right male breast	Diagnosis	ICD-10-CM
C50.822	Malignant neoplasm of overlapping sites of left male breast	Diagnosis	ICD-10-CM
C50.829	Malignant neoplasm of overlapping sites of unspecified male breast	Diagnosis	ICD-10-CM
C50.9	Malignant neoplasm of breast of unspecified site	Diagnosis	ICD-10-CM
C50.91	Malignant neoplasm of breast of unspecified site, female	Diagnosis	ICD-10-CM
C50.911	Malignant neoplasm of unspecified site of right female breast	Diagnosis	ICD-10-CM
C50.912	Malignant neoplasm of unspecified site of left female breast	Diagnosis	ICD-10-CM
C50.919	Malignant neoplasm of unspecified site of unspecified female breast	Diagnosis	ICD-10-CM
C50.92	Malignant neoplasm of breast of unspecified site, male	Diagnosis	ICD-10-CM
C50.921	Malignant neoplasm of unspecified site of right male breast	Diagnosis	ICD-10-CM
C50.922	Malignant neoplasm of unspecified site of left male breast	Diagnosis	ICD-10-CM
C50.929	Malignant neoplasm of unspecified site of unspecified male breast	Diagnosis	ICD-10-CM
C51	Malignant neoplasm of vulva	Diagnosis	ICD-10-CM
C51.0	Malignant neoplasm of labium majus	Diagnosis	ICD-10-CM
C51.1	Malignant neoplasm of labium minus	Diagnosis	ICD-10-CM
C51.2	Malignant neoplasm of clitoris	Diagnosis	ICD-10-CM
C51.8	Malignant neoplasm of overlapping sites of vulva	Diagnosis	ICD-10-CM
C51.9	Malignant neoplasm of vulva, unspecified	Diagnosis	ICD-10-CM
C52	Malignant neoplasm of vagina	Diagnosis	ICD-10-CM
C53	Malignant neoplasm of cervix uteri	Diagnosis	ICD-10-CM
C53.0	Malignant neoplasm of endocervix	Diagnosis	ICD-10-CM
C53.1	Malignant neoplasm of exocervix	Diagnosis	ICD-10-CM
C53.8	Malignant neoplasm of overlapping sites of cervix uteri	Diagnosis	ICD-10-CM
C53.9	Malignant neoplasm of cervix uteri, unspecified	Diagnosis	ICD-10-CM
C54	Malignant neoplasm of corpus uteri	Diagnosis	ICD-10-CM
C54.0	Malignant neoplasm of isthmus uteri	Diagnosis	ICD-10-CM
C54.1	Malignant neoplasm of endometrium	Diagnosis	ICD-10-CM
C54.2	Malignant neoplasm of myometrium	Diagnosis	ICD-10-CM
C54.3	Malignant neoplasm of fundus uteri	Diagnosis	ICD-10-CM
C54.8	Malignant neoplasm of overlapping sites of corpus uteri	Diagnosis	ICD-10-CM
C54.9	Malignant neoplasm of corpus uteri, unspecified	Diagnosis	ICD-10-CM
C55	Malignant neoplasm of uterus, part unspecified	Diagnosis	ICD-10-CM
C56	Malignant neoplasm of ovary	Diagnosis	ICD-10-CM
C56.1	Malignant neoplasm of right ovary	Diagnosis	ICD-10-CM
C56.2	Malignant neoplasm of left ovary	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C56.9	Malignant neoplasm of unspecified ovary	Diagnosis	ICD-10-CM
C57	Malignant neoplasm of other and unspecified female genital organs	Diagnosis	ICD-10-CM
C57.0	Malignant neoplasm of fallopian tube	Diagnosis	ICD-10-CM
C57.00	Malignant neoplasm of unspecified fallopian tube	Diagnosis	ICD-10-CM
C57.01	Malignant neoplasm of right fallopian tube	Diagnosis	ICD-10-CM
C57.02	Malignant neoplasm of left fallopian tube	Diagnosis	ICD-10-CM
C57.1	Malignant neoplasm of broad ligament	Diagnosis	ICD-10-CM
C57.10	Malignant neoplasm of unspecified broad ligament	Diagnosis	ICD-10-CM
C57.11	Malignant neoplasm of right broad ligament	Diagnosis	ICD-10-CM
C57.12	Malignant neoplasm of left broad ligament	Diagnosis	ICD-10-CM
C57.2	Malignant neoplasm of round ligament	Diagnosis	ICD-10-CM
C57.20	Malignant neoplasm of unspecified round ligament	Diagnosis	ICD-10-CM
C57.21	Malignant neoplasm of right round ligament	Diagnosis	ICD-10-CM
C57.22	Malignant neoplasm of left round ligament	Diagnosis	ICD-10-CM
C57.3	Malignant neoplasm of parametrium	Diagnosis	ICD-10-CM
C57.4	Malignant neoplasm of uterine adnexa, unspecified	Diagnosis	ICD-10-CM
C57.7	Malignant neoplasm of other specified female genital organs	Diagnosis	ICD-10-CM
C57.8	Malignant neoplasm of overlapping sites of female genital organs	Diagnosis	ICD-10-CM
C57.9	Malignant neoplasm of female genital organ, unspecified	Diagnosis	ICD-10-CM
C58	Malignant neoplasm of placenta	Diagnosis	ICD-10-CM
C60	Malignant neoplasm of penis	Diagnosis	ICD-10-CM
C60.0	Malignant neoplasm of prepuce	Diagnosis	ICD-10-CM
C60.1	Malignant neoplasm of glans penis	Diagnosis	ICD-10-CM
C60.2	Malignant neoplasm of body of penis	Diagnosis	ICD-10-CM
C60.8	Malignant neoplasm of overlapping sites of penis	Diagnosis	ICD-10-CM
C60.9	Malignant neoplasm of penis, unspecified	Diagnosis	ICD-10-CM
C61	Malignant neoplasm of prostate	Diagnosis	ICD-10-CM
C62	Malignant neoplasm of testis	Diagnosis	ICD-10-CM
C62.0	Malignant neoplasm of undescended testis	Diagnosis	ICD-10-CM
C62.00	Malignant neoplasm of unspecified undescended testis	Diagnosis	ICD-10-CM
C62.01	Malignant neoplasm of undescended right testis	Diagnosis	ICD-10-CM
C62.02	Malignant neoplasm of undescended left testis	Diagnosis	ICD-10-CM
C62.1	Malignant neoplasm of descended testis	Diagnosis	ICD-10-CM
C62.10	Malignant neoplasm of unspecified descended testis	Diagnosis	ICD-10-CM
C62.11	Malignant neoplasm of descended right testis	Diagnosis	ICD-10-CM
C62.12	Malignant neoplasm of descended left testis	Diagnosis	ICD-10-CM
C62.9	Malignant neoplasm of testis, unspecified whether descended or undescended	Diagnosis	ICD-10-CM
C62.90	Malignant neoplasm of unspecified testis, unspecified whether descended or undescended	Diagnosis	ICD-10-CM
C62.91	Malignant neoplasm of right testis, unspecified whether descended or undescended	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C62.92	Malignant neoplasm of left testis, unspecified whether descended or undescended	Diagnosis	ICD-10-CM
C63	Malignant neoplasm of other and unspecified male genital organs	Diagnosis	ICD-10-CM
C63.0	Malignant neoplasm of epididymis	Diagnosis	ICD-10-CM
C63.00	Malignant neoplasm of unspecified epididymis	Diagnosis	ICD-10-CM
C63.01	Malignant neoplasm of right epididymis	Diagnosis	ICD-10-CM
C63.02	Malignant neoplasm of left epididymis	Diagnosis	ICD-10-CM
C63.1	Malignant neoplasm of spermatic cord	Diagnosis	ICD-10-CM
C63.10	Malignant neoplasm of unspecified spermatic cord	Diagnosis	ICD-10-CM
C63.11	Malignant neoplasm of right spermatic cord	Diagnosis	ICD-10-CM
C63.12	Malignant neoplasm of left spermatic cord	Diagnosis	ICD-10-CM
C63.2	Malignant neoplasm of scrotum	Diagnosis	ICD-10-CM
C63.7	Malignant neoplasm of other specified male genital organs	Diagnosis	ICD-10-CM
C63.8	Malignant neoplasm of overlapping sites of male genital organs	Diagnosis	ICD-10-CM
C63.9	Malignant neoplasm of male genital organ, unspecified	Diagnosis	ICD-10-CM
C64	Malignant neoplasm of kidney, except renal pelvis	Diagnosis	ICD-10-CM
C64.1	Malignant neoplasm of right kidney, except renal pelvis	Diagnosis	ICD-10-CM
C64.2	Malignant neoplasm of left kidney, except renal pelvis	Diagnosis	ICD-10-CM
C64.9	Malignant neoplasm of unspecified kidney, except renal pelvis	Diagnosis	ICD-10-CM
C65	Malignant neoplasm of renal pelvis	Diagnosis	ICD-10-CM
C65.1	Malignant neoplasm of right renal pelvis	Diagnosis	ICD-10-CM
C65.2	Malignant neoplasm of left renal pelvis	Diagnosis	ICD-10-CM
C65.9	Malignant neoplasm of unspecified renal pelvis	Diagnosis	ICD-10-CM
C66	Malignant neoplasm of ureter	Diagnosis	ICD-10-CM
C66.1	Malignant neoplasm of right ureter	Diagnosis	ICD-10-CM
C66.2	Malignant neoplasm of left ureter	Diagnosis	ICD-10-CM
C66.9	Malignant neoplasm of unspecified ureter	Diagnosis	ICD-10-CM
C67	Malignant neoplasm of bladder	Diagnosis	ICD-10-CM
C67.0	Malignant neoplasm of trigone of bladder	Diagnosis	ICD-10-CM
C67.1	Malignant neoplasm of dome of bladder	Diagnosis	ICD-10-CM
C67.2	Malignant neoplasm of lateral wall of bladder	Diagnosis	ICD-10-CM
C67.3	Malignant neoplasm of anterior wall of bladder	Diagnosis	ICD-10-CM
C67.4	Malignant neoplasm of posterior wall of bladder	Diagnosis	ICD-10-CM
C67.5	Malignant neoplasm of bladder neck	Diagnosis	ICD-10-CM
C67.6	Malignant neoplasm of ureteric orifice	Diagnosis	ICD-10-CM
C67.7	Malignant neoplasm of urachus	Diagnosis	ICD-10-CM
C67.8	Malignant neoplasm of overlapping sites of bladder	Diagnosis	ICD-10-CM
C67.9	Malignant neoplasm of bladder, unspecified	Diagnosis	ICD-10-CM
C68	Malignant neoplasm of other and unspecified urinary organs	Diagnosis	ICD-10-CM
C68.0	Malignant neoplasm of urethra	Diagnosis	ICD-10-CM
C68.1	Malignant neoplasm of paraurethral glands	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C68.8	Malignant neoplasm of overlapping sites of urinary organs	Diagnosis	ICD-10-CM
C68.9	Malignant neoplasm of urinary organ, unspecified	Diagnosis	ICD-10-CM
C69	Malignant neoplasm of eye and adnexa	Diagnosis	ICD-10-CM
C69.0	Malignant neoplasm of conjunctiva	Diagnosis	ICD-10-CM
C69.00	Malignant neoplasm of unspecified conjunctiva	Diagnosis	ICD-10-CM
C69.01	Malignant neoplasm of right conjunctiva	Diagnosis	ICD-10-CM
C69.02	Malignant neoplasm of left conjunctiva	Diagnosis	ICD-10-CM
C69.1	Malignant neoplasm of cornea	Diagnosis	ICD-10-CM
C69.10	Malignant neoplasm of unspecified cornea	Diagnosis	ICD-10-CM
C69.11	Malignant neoplasm of right cornea	Diagnosis	ICD-10-CM
C69.12	Malignant neoplasm of left cornea	Diagnosis	ICD-10-CM
C69.2	Malignant neoplasm of retina	Diagnosis	ICD-10-CM
C69.20	Malignant neoplasm of unspecified retina	Diagnosis	ICD-10-CM
C69.21	Malignant neoplasm of right retina	Diagnosis	ICD-10-CM
C69.22	Malignant neoplasm of left retina	Diagnosis	ICD-10-CM
C69.3	Malignant neoplasm of choroid	Diagnosis	ICD-10-CM
C69.30	Malignant neoplasm of unspecified choroid	Diagnosis	ICD-10-CM
C69.31	Malignant neoplasm of right choroid	Diagnosis	ICD-10-CM
C69.32	Malignant neoplasm of left choroid	Diagnosis	ICD-10-CM
C69.4	Malignant neoplasm of ciliary body	Diagnosis	ICD-10-CM
C69.40	Malignant neoplasm of unspecified ciliary body	Diagnosis	ICD-10-CM
C69.41	Malignant neoplasm of right ciliary body	Diagnosis	ICD-10-CM
C69.42	Malignant neoplasm of left ciliary body	Diagnosis	ICD-10-CM
C69.5	Malignant neoplasm of lacrimal gland and duct	Diagnosis	ICD-10-CM
C69.50	Malignant neoplasm of unspecified lacrimal gland and duct	Diagnosis	ICD-10-CM
C69.51	Malignant neoplasm of right lacrimal gland and duct	Diagnosis	ICD-10-CM
C69.52	Malignant neoplasm of left lacrimal gland and duct	Diagnosis	ICD-10-CM
C69.6	Malignant neoplasm of orbit	Diagnosis	ICD-10-CM
C69.60	Malignant neoplasm of unspecified orbit	Diagnosis	ICD-10-CM
C69.61	Malignant neoplasm of right orbit	Diagnosis	ICD-10-CM
C69.62	Malignant neoplasm of left orbit	Diagnosis	ICD-10-CM
C69.8	Malignant neoplasm of overlapping sites of eye and adnexa	Diagnosis	ICD-10-CM
C69.80	Malignant neoplasm of overlapping sites of unspecified eye and adnexa	Diagnosis	ICD-10-CM
C69.81	Malignant neoplasm of overlapping sites of right eye and adnexa	Diagnosis	ICD-10-CM
C69.82	Malignant neoplasm of overlapping sites of left eye and adnexa	Diagnosis	ICD-10-CM
C69.9	Malignant neoplasm of unspecified site of eye	Diagnosis	ICD-10-CM
C69.90	Malignant neoplasm of unspecified site of unspecified eye	Diagnosis	ICD-10-CM
C69.91	Malignant neoplasm of unspecified site of right eye	Diagnosis	ICD-10-CM
C69.92	Malignant neoplasm of unspecified site of left eye	Diagnosis	ICD-10-CM
C70	Malignant neoplasm of meninges	Diagnosis	ICD-10-CM
C70.0	Malignant neoplasm of cerebral meninges	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C70.1	Malignant neoplasm of spinal meninges	Diagnosis	ICD-10-CM
C70.9	Malignant neoplasm of meninges, unspecified	Diagnosis	ICD-10-CM
C71	Malignant neoplasm of brain	Diagnosis	ICD-10-CM
C71.0	Malignant neoplasm of cerebrum, except lobes and ventricles	Diagnosis	ICD-10-CM
C71.1	Malignant neoplasm of frontal lobe	Diagnosis	ICD-10-CM
C71.2	Malignant neoplasm of temporal lobe	Diagnosis	ICD-10-CM
C71.3	Malignant neoplasm of parietal lobe	Diagnosis	ICD-10-CM
C71.4	Malignant neoplasm of occipital lobe	Diagnosis	ICD-10-CM
C71.5	Malignant neoplasm of cerebral ventricle	Diagnosis	ICD-10-CM
C71.6	Malignant neoplasm of cerebellum	Diagnosis	ICD-10-CM
C71.7	Malignant neoplasm of brain stem	Diagnosis	ICD-10-CM
C71.8	Malignant neoplasm of overlapping sites of brain	Diagnosis	ICD-10-CM
C71.9	Malignant neoplasm of brain, unspecified	Diagnosis	ICD-10-CM
C72	Malignant neoplasm of spinal cord, cranial nerves and other parts of central nervous system	Diagnosis	ICD-10-CM
C72.0	Malignant neoplasm of spinal cord	Diagnosis	ICD-10-CM
C72.1	Malignant neoplasm of cauda equina	Diagnosis	ICD-10-CM
C72.2	Malignant neoplasm of olfactory nerve	Diagnosis	ICD-10-CM
C72.20	Malignant neoplasm of unspecified olfactory nerve	Diagnosis	ICD-10-CM
C72.21	Malignant neoplasm of right olfactory nerve	Diagnosis	ICD-10-CM
C72.22	Malignant neoplasm of left olfactory nerve	Diagnosis	ICD-10-CM
C72.3	Malignant neoplasm of optic nerve	Diagnosis	ICD-10-CM
C72.30	Malignant neoplasm of unspecified optic nerve	Diagnosis	ICD-10-CM
C72.31	Malignant neoplasm of right optic nerve	Diagnosis	ICD-10-CM
C72.32	Malignant neoplasm of left optic nerve	Diagnosis	ICD-10-CM
C72.4	Malignant neoplasm of acoustic nerve	Diagnosis	ICD-10-CM
C72.40	Malignant neoplasm of unspecified acoustic nerve	Diagnosis	ICD-10-CM
C72.41	Malignant neoplasm of right acoustic nerve	Diagnosis	ICD-10-CM
C72.42	Malignant neoplasm of left acoustic nerve	Diagnosis	ICD-10-CM
C72.5	Malignant neoplasm of other and unspecified cranial nerves	Diagnosis	ICD-10-CM
C72.50	Malignant neoplasm of unspecified cranial nerve	Diagnosis	ICD-10-CM
C72.59	Malignant neoplasm of other cranial nerves	Diagnosis	ICD-10-CM
C72.9	Malignant neoplasm of central nervous system, unspecified	Diagnosis	ICD-10-CM
C73	Malignant neoplasm of thyroid gland	Diagnosis	ICD-10-CM
C74	Malignant neoplasm of adrenal gland	Diagnosis	ICD-10-CM
C74.0	Malignant neoplasm of cortex of adrenal gland	Diagnosis	ICD-10-CM
C74.00	Malignant neoplasm of cortex of unspecified adrenal gland	Diagnosis	ICD-10-CM
C74.01	Malignant neoplasm of cortex of right adrenal gland	Diagnosis	ICD-10-CM
C74.02	Malignant neoplasm of cortex of left adrenal gland	Diagnosis	ICD-10-CM
C74.1	Malignant neoplasm of medulla of adrenal gland	Diagnosis	ICD-10-CM
C74.10	Malignant neoplasm of medulla of unspecified adrenal gland	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C74.11	Malignant neoplasm of medulla of right adrenal gland	Diagnosis	ICD-10-CM
C74.12	Malignant neoplasm of medulla of left adrenal gland	Diagnosis	ICD-10-CM
C74.9	Malignant neoplasm of unspecified part of adrenal gland	Diagnosis	ICD-10-CM
C74.90	Malignant neoplasm of unspecified part of unspecified adrenal gland	Diagnosis	ICD-10-CM
C74.91	Malignant neoplasm of unspecified part of right adrenal gland	Diagnosis	ICD-10-CM
C74.92	Malignant neoplasm of unspecified part of left adrenal gland	Diagnosis	ICD-10-CM
C75	Malignant neoplasm of other endocrine glands and related structures	Diagnosis	ICD-10-CM
C75.0	Malignant neoplasm of parathyroid gland	Diagnosis	ICD-10-CM
C75.1	Malignant neoplasm of pituitary gland	Diagnosis	ICD-10-CM
C75.2	Malignant neoplasm of craniopharyngeal duct	Diagnosis	ICD-10-CM
C75.3	Malignant neoplasm of pineal gland	Diagnosis	ICD-10-CM
C75.4	Malignant neoplasm of carotid body	Diagnosis	ICD-10-CM
C75.5	Malignant neoplasm of aortic body and other paraganglia	Diagnosis	ICD-10-CM
C75.8	Malignant neoplasm with pluriglandular involvement, unspecified	Diagnosis	ICD-10-CM
C75.9	Malignant neoplasm of endocrine gland, unspecified	Diagnosis	ICD-10-CM
C76	Malignant neoplasm of other and ill-defined sites	Diagnosis	ICD-10-CM
C76.0	Malignant neoplasm of head, face and neck	Diagnosis	ICD-10-CM
C76.1	Malignant neoplasm of thorax	Diagnosis	ICD-10-CM
C76.2	Malignant neoplasm of abdomen	Diagnosis	ICD-10-CM
C76.3	Malignant neoplasm of pelvis	Diagnosis	ICD-10-CM
C76.4	Malignant neoplasm of upper limb	Diagnosis	ICD-10-CM
C76.40	Malignant neoplasm of unspecified upper limb	Diagnosis	ICD-10-CM
C76.41	Malignant neoplasm of right upper limb	Diagnosis	ICD-10-CM
C76.42	Malignant neoplasm of left upper limb	Diagnosis	ICD-10-CM
C76.5	Malignant neoplasm of lower limb	Diagnosis	ICD-10-CM
C76.50	Malignant neoplasm of unspecified lower limb	Diagnosis	ICD-10-CM
C76.51	Malignant neoplasm of right lower limb	Diagnosis	ICD-10-CM
C76.52	Malignant neoplasm of left lower limb	Diagnosis	ICD-10-CM
C76.8	Malignant neoplasm of other specified ill-defined sites	Diagnosis	ICD-10-CM
C77	Secondary and unspecified malignant neoplasm of lymph nodes	Diagnosis	ICD-10-CM
C77.0	Secondary and unspecified malignant neoplasm of lymph nodes of head, face and neck	Diagnosis	ICD-10-CM
C77.1	Secondary and unspecified malignant neoplasm of intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C77.2	Secondary and unspecified malignant neoplasm of intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C77.3	Secondary and unspecified malignant neoplasm of axilla and upper limb lymph nodes	Diagnosis	ICD-10-CM
C77.4	Secondary and unspecified malignant neoplasm of inguinal and lower limb lymph nodes	Diagnosis	ICD-10-CM
C77.5	Secondary and unspecified malignant neoplasm of intrapelvic lymph nodes	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C77.8	Secondary and unspecified malignant neoplasm of lymph nodes of multiple regions	Diagnosis	ICD-10-CM
C77.9	Secondary and unspecified malignant neoplasm of lymph node, unspecified	Diagnosis	ICD-10-CM
C78	Secondary malignant neoplasm of respiratory and digestive organs	Diagnosis	ICD-10-CM
C78.0	Secondary malignant neoplasm of lung	Diagnosis	ICD-10-CM
C78.00	Secondary malignant neoplasm of unspecified lung	Diagnosis	ICD-10-CM
C78.01	Secondary malignant neoplasm of right lung	Diagnosis	ICD-10-CM
C78.02	Secondary malignant neoplasm of left lung	Diagnosis	ICD-10-CM
C78.1	Secondary malignant neoplasm of mediastinum	Diagnosis	ICD-10-CM
C78.2	Secondary malignant neoplasm of pleura	Diagnosis	ICD-10-CM
C78.3	Secondary malignant neoplasm of other and unspecified respiratory organs	Diagnosis	ICD-10-CM
C78.30	Secondary malignant neoplasm of unspecified respiratory organ	Diagnosis	ICD-10-CM
C78.39	Secondary malignant neoplasm of other respiratory organs	Diagnosis	ICD-10-CM
C78.4	Secondary malignant neoplasm of small intestine	Diagnosis	ICD-10-CM
C78.5	Secondary malignant neoplasm of large intestine and rectum	Diagnosis	ICD-10-CM
C78.6	Secondary malignant neoplasm of retroperitoneum and peritoneum	Diagnosis	ICD-10-CM
C78.7	Secondary malignant neoplasm of liver and intrahepatic bile duct	Diagnosis	ICD-10-CM
C78.8	Secondary malignant neoplasm of other and unspecified digestive organs	Diagnosis	ICD-10-CM
C78.80	Secondary malignant neoplasm of unspecified digestive organ	Diagnosis	ICD-10-CM
C78.89	Secondary malignant neoplasm of other digestive organs	Diagnosis	ICD-10-CM
C79	Secondary malignant neoplasm of other and unspecified sites	Diagnosis	ICD-10-CM
C79.0	Secondary malignant neoplasm of kidney and renal pelvis	Diagnosis	ICD-10-CM
C79.00	Secondary malignant neoplasm of unspecified kidney and renal pelvis	Diagnosis	ICD-10-CM
C79.01	Secondary malignant neoplasm of right kidney and renal pelvis	Diagnosis	ICD-10-CM
C79.02	Secondary malignant neoplasm of left kidney and renal pelvis	Diagnosis	ICD-10-CM
C79.1	Secondary malignant neoplasm of bladder and other and unspecified urinary organs	Diagnosis	ICD-10-CM
C79.10	Secondary malignant neoplasm of unspecified urinary organs	Diagnosis	ICD-10-CM
C79.11	Secondary malignant neoplasm of bladder	Diagnosis	ICD-10-CM
C79.19	Secondary malignant neoplasm of other urinary organs	Diagnosis	ICD-10-CM
C79.2	Secondary malignant neoplasm of skin	Diagnosis	ICD-10-CM
C79.3	Secondary malignant neoplasm of brain and cerebral meninges	Diagnosis	ICD-10-CM
C79.31	Secondary malignant neoplasm of brain	Diagnosis	ICD-10-CM
C79.32	Secondary malignant neoplasm of cerebral meninges	Diagnosis	ICD-10-CM
C79.4	Secondary malignant neoplasm of other and unspecified parts of nervous system	Diagnosis	ICD-10-CM
C79.40	Secondary malignant neoplasm of unspecified part of nervous system	Diagnosis	ICD-10-CM
C79.49	Secondary malignant neoplasm of other parts of nervous system	Diagnosis	ICD-10-CM
C79.5	Secondary malignant neoplasm of bone and bone marrow	Diagnosis	ICD-10-CM
C79.51	Secondary malignant neoplasm of bone	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C79.52	Secondary malignant neoplasm of bone marrow	Diagnosis	ICD-10-CM
C79.6	Secondary malignant neoplasm of ovary	Diagnosis	ICD-10-CM
C79.60	Secondary malignant neoplasm of unspecified ovary	Diagnosis	ICD-10-CM
C79.61	Secondary malignant neoplasm of right ovary	Diagnosis	ICD-10-CM
C79.62	Secondary malignant neoplasm of left ovary	Diagnosis	ICD-10-CM
C79.7	Secondary malignant neoplasm of adrenal gland	Diagnosis	ICD-10-CM
C79.70	Secondary malignant neoplasm of unspecified adrenal gland	Diagnosis	ICD-10-CM
C79.71	Secondary malignant neoplasm of right adrenal gland	Diagnosis	ICD-10-CM
C79.72	Secondary malignant neoplasm of left adrenal gland	Diagnosis	ICD-10-CM
C79.8	Secondary malignant neoplasm of other specified sites	Diagnosis	ICD-10-CM
C79.81	Secondary malignant neoplasm of breast	Diagnosis	ICD-10-CM
C79.82	Secondary malignant neoplasm of genital organs	Diagnosis	ICD-10-CM
C79.89	Secondary malignant neoplasm of other specified sites	Diagnosis	ICD-10-CM
C79.9	Secondary malignant neoplasm of unspecified site	Diagnosis	ICD-10-CM
C7A	Malignant neuroendocrine tumors	Diagnosis	ICD-10-CM
C7A.0	Malignant carcinoid tumors	Diagnosis	ICD-10-CM
C7A.00	Malignant carcinoid tumor of unspecified site	Diagnosis	ICD-10-CM
C7A.01	Malignant carcinoid tumors of the small intestine	Diagnosis	ICD-10-CM
C7A.010	Malignant carcinoid tumor of the duodenum	Diagnosis	ICD-10-CM
C7A.011	Malignant carcinoid tumor of the jejunum	Diagnosis	ICD-10-CM
C7A.012	Malignant carcinoid tumor of the ileum	Diagnosis	ICD-10-CM
C7A.019	Malignant carcinoid tumor of the small intestine, unspecified portion	Diagnosis	ICD-10-CM
C7A.02	Malignant carcinoid tumors of the appendix, large intestine, and rectum	Diagnosis	ICD-10-CM
C7A.020	Malignant carcinoid tumor of the appendix	Diagnosis	ICD-10-CM
C7A.021	Malignant carcinoid tumor of the cecum	Diagnosis	ICD-10-CM
C7A.022	Malignant carcinoid tumor of the ascending colon	Diagnosis	ICD-10-CM
C7A.023	Malignant carcinoid tumor of the transverse colon	Diagnosis	ICD-10-CM
C7A.024	Malignant carcinoid tumor of the descending colon	Diagnosis	ICD-10-CM
C7A.025	Malignant carcinoid tumor of the sigmoid colon	Diagnosis	ICD-10-CM
C7A.026	Malignant carcinoid tumor of the rectum	Diagnosis	ICD-10-CM
C7A.029	Malignant carcinoid tumor of the large intestine, unspecified portion	Diagnosis	ICD-10-CM
C7A.09	Malignant carcinoid tumors of other sites	Diagnosis	ICD-10-CM
C7A.090	Malignant carcinoid tumor of the bronchus and lung	Diagnosis	ICD-10-CM
C7A.091	Malignant carcinoid tumor of the thymus	Diagnosis	ICD-10-CM
C7A.092	Malignant carcinoid tumor of the stomach	Diagnosis	ICD-10-CM
C7A.093	Malignant carcinoid tumor of the kidney	Diagnosis	ICD-10-CM
C7A.094	Malignant carcinoid tumor of the foregut, unspecified	Diagnosis	ICD-10-CM
C7A.095	Malignant carcinoid tumor of the midgut, unspecified	Diagnosis	ICD-10-CM
C7A.096	Malignant carcinoid tumor of the hindgut, unspecified	Diagnosis	ICD-10-CM
C7A.098	Malignant carcinoid tumors of other sites	Diagnosis	ICD-10-CM
C7A.1	Malignant poorly differentiated neuroendocrine tumors	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C7A.8	Other malignant neuroendocrine tumors	Diagnosis	ICD-10-CM
C7B	Secondary neuroendocrine tumors	Diagnosis	ICD-10-CM
C7B.0	Secondary carcinoid tumors	Diagnosis	ICD-10-CM
C7B.00	Secondary carcinoid tumors, unspecified site	Diagnosis	ICD-10-CM
C7B.01	Secondary carcinoid tumors of distant lymph nodes	Diagnosis	ICD-10-CM
C7B.02	Secondary carcinoid tumors of liver	Diagnosis	ICD-10-CM
C7B.03	Secondary carcinoid tumors of bone	Diagnosis	ICD-10-CM
C7B.04	Secondary carcinoid tumors of peritoneum	Diagnosis	ICD-10-CM
C7B.09	Secondary carcinoid tumors of other sites	Diagnosis	ICD-10-CM
C7B.1	Secondary Merkel cell carcinoma	Diagnosis	ICD-10-CM
C7B.8	Other secondary neuroendocrine tumors	Diagnosis	ICD-10-CM
C80	Malignant neoplasm without specification of site	Diagnosis	ICD-10-CM
C80.0	Disseminated malignant neoplasm, unspecified	Diagnosis	ICD-10-CM
C80.1	Malignant (primary) neoplasm, unspecified	Diagnosis	ICD-10-CM
C80.2	Malignant neoplasm associated with transplanted organ	Diagnosis	ICD-10-CM
C81	Hodgkin lymphoma	Diagnosis	ICD-10-CM
C81.0	Nodular lymphocyte predominant Hodgkin lymphoma	Diagnosis	ICD-10-CM
C81.00	Nodular lymphocyte predominant Hodgkin lymphoma, unspecified site	Diagnosis	ICD-10-CM
C81.01	Nodular lymphocyte predominant Hodgkin lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C81.02	Nodular lymphocyte predominant Hodgkin lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C81.03	Nodular lymphocyte predominant Hodgkin lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C81.04	Nodular lymphocyte predominant Hodgkin lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C81.05	Nodular lymphocyte predominant Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C81.06	Nodular lymphocyte predominant Hodgkin lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C81.07	Nodular lymphocyte predominant Hodgkin lymphoma, spleen	Diagnosis	ICD-10-CM
C81.08	Nodular lymphocyte predominant Hodgkin lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C81.09	Nodular lymphocyte predominant Hodgkin lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C81.1	Nodular sclerosis Hodgkin lymphoma	Diagnosis	ICD-10-CM
C81.10	Nodular sclerosis Hodgkin lymphoma, unspecified site	Diagnosis	ICD-10-CM
C81.11	Nodular sclerosis Hodgkin lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C81.12	Nodular sclerosis Hodgkin lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C81.13	Nodular sclerosis Hodgkin lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C81.14	Nodular sclerosis Hodgkin lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C81.15	Nodular sclerosis Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C81.16	Nodular sclerosis Hodgkin lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C81.17	Nodular sclerosis Hodgkin lymphoma, spleen	Diagnosis	ICD-10-CM
C81.18	Nodular sclerosis Hodgkin lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C81.19	Nodular sclerosis Hodgkin lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C81.2	Mixed cellularity Hodgkin lymphoma	Diagnosis	ICD-10-CM
C81.20	Mixed cellularity Hodgkin lymphoma, unspecified site	Diagnosis	ICD-10-CM
C81.21	Mixed cellularity Hodgkin lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C81.22	Mixed cellularity Hodgkin lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C81.23	Mixed cellularity Hodgkin lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C81.24	Mixed cellularity Hodgkin lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C81.25	Mixed cellularity Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C81.26	Mixed cellularity Hodgkin lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C81.27	Mixed cellularity Hodgkin lymphoma, spleen	Diagnosis	ICD-10-CM
C81.28	Mixed cellularity Hodgkin lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C81.29	Mixed cellularity Hodgkin lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C81.3	Lymphocyte depleted Hodgkin lymphoma	Diagnosis	ICD-10-CM
C81.30	Lymphocyte depleted Hodgkin lymphoma, unspecified site	Diagnosis	ICD-10-CM
C81.31	Lymphocyte depleted Hodgkin lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C81.32	Lymphocyte depleted Hodgkin lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C81.33	Lymphocyte depleted Hodgkin lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C81.34	Lymphocyte depleted Hodgkin lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C81.35	Lymphocyte depleted Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C81.36	Lymphocyte depleted Hodgkin lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C81.37	Lymphocyte depleted Hodgkin lymphoma, spleen	Diagnosis	ICD-10-CM
C81.38	Lymphocyte depleted Hodgkin lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C81.39	Lymphocyte depleted Hodgkin lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C81.4	Lymphocyte-rich Hodgkin lymphoma	Diagnosis	ICD-10-CM
C81.40	Lymphocyte-rich Hodgkin lymphoma, unspecified site	Diagnosis	ICD-10-CM
C81.41	Lymphocyte-rich Hodgkin lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C81.42	Lymphocyte-rich Hodgkin lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C81.43	Lymphocyte-rich Hodgkin lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C81.44	Lymphocyte-rich Hodgkin lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C81.45	Lymphocyte-rich Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C81.46	Lymphocyte-rich Hodgkin lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C81.47	Lymphocyte-rich Hodgkin lymphoma, spleen	Diagnosis	ICD-10-CM
C81.48	Lymphocyte-rich Hodgkin lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C81.49	Lymphocyte-rich Hodgkin lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C81.7	Other Hodgkin lymphoma	Diagnosis	ICD-10-CM
C81.70	Other Hodgkin lymphoma, unspecified site	Diagnosis	ICD-10-CM
C81.71	Other Hodgkin lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C81.72	Other Hodgkin lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C81.73	Other Hodgkin lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C81.74	Other Hodgkin lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C81.75	Other Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C81.76	Other Hodgkin lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C81.77	Other Hodgkin lymphoma, spleen	Diagnosis	ICD-10-CM
C81.78	Other Hodgkin lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C81.79	Other Hodgkin lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C81.9	Hodgkin lymphoma, unspecified	Diagnosis	ICD-10-CM
C81.90	Hodgkin lymphoma, unspecified, unspecified site	Diagnosis	ICD-10-CM
C81.91	Hodgkin lymphoma, unspecified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C81.92	Hodgkin lymphoma, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C81.93	Hodgkin lymphoma, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C81.94	Hodgkin lymphoma, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C81.95	Hodgkin lymphoma, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C81.96	Hodgkin lymphoma, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C81.97	Hodgkin lymphoma, unspecified, spleen	Diagnosis	ICD-10-CM
C81.98	Hodgkin lymphoma, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C81.99	Hodgkin lymphoma, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82	Follicular lymphoma	Diagnosis	ICD-10-CM
C82.0	Follicular lymphoma grade I	Diagnosis	ICD-10-CM
C82.00	Follicular lymphoma grade I, unspecified site	Diagnosis	ICD-10-CM
C82.01	Follicular lymphoma grade I, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.02	Follicular lymphoma grade I, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.03	Follicular lymphoma grade I, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.04	Follicular lymphoma grade I, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.05	Follicular lymphoma grade I, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.06	Follicular lymphoma grade I, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.07	Follicular lymphoma grade I, spleen	Diagnosis	ICD-10-CM
C82.08	Follicular lymphoma grade I, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.09	Follicular lymphoma grade I, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.1	Follicular lymphoma grade II	Diagnosis	ICD-10-CM
C82.10	Follicular lymphoma grade II, unspecified site	Diagnosis	ICD-10-CM
C82.11	Follicular lymphoma grade II, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.12	Follicular lymphoma grade II, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.13	Follicular lymphoma grade II, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C82.14	Follicular lymphoma grade II, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.15	Follicular lymphoma grade II, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.16	Follicular lymphoma grade II, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.17	Follicular lymphoma grade II, spleen	Diagnosis	ICD-10-CM
C82.18	Follicular lymphoma grade II, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.19	Follicular lymphoma grade II, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.2	Follicular lymphoma grade III, unspecified	Diagnosis	ICD-10-CM
C82.20	Follicular lymphoma grade III, unspecified, unspecified site	Diagnosis	ICD-10-CM
C82.21	Follicular lymphoma grade III, unspecified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.22	Follicular lymphoma grade III, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.23	Follicular lymphoma grade III, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.24	Follicular lymphoma grade III, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.25	Follicular lymphoma grade III, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.26	Follicular lymphoma grade III, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.27	Follicular lymphoma grade III, unspecified, spleen	Diagnosis	ICD-10-CM
C82.28	Follicular lymphoma grade III, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.29	Follicular lymphoma grade III, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.3	Follicular lymphoma grade IIIa	Diagnosis	ICD-10-CM
C82.30	Follicular lymphoma grade IIIa, unspecified site	Diagnosis	ICD-10-CM
C82.31	Follicular lymphoma grade IIIa, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.32	Follicular lymphoma grade IIIa, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.33	Follicular lymphoma grade IIIa, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.34	Follicular lymphoma grade IIIa, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.35	Follicular lymphoma grade IIIa, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.36	Follicular lymphoma grade IIIa, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.37	Follicular lymphoma grade IIIa, spleen	Diagnosis	ICD-10-CM
C82.38	Follicular lymphoma grade IIIa, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.39	Follicular lymphoma grade IIIa, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.4	Follicular lymphoma grade IIIb	Diagnosis	ICD-10-CM
C82.40	Follicular lymphoma grade IIIb, unspecified site	Diagnosis	ICD-10-CM
C82.41	Follicular lymphoma grade IIIb, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.42	Follicular lymphoma grade IIIb, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.43	Follicular lymphoma grade IIIb, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.44	Follicular lymphoma grade IIIb, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.45	Follicular lymphoma grade IIIb, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.46	Follicular lymphoma grade IIIb, intrapelvic lymph nodes	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C82.47	Follicular lymphoma grade IIIb, spleen	Diagnosis	ICD-10-CM
C82.48	Follicular lymphoma grade IIIb, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.49	Follicular lymphoma grade IIIb, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.5	Diffuse follicle center lymphoma	Diagnosis	ICD-10-CM
C82.50	Diffuse follicle center lymphoma, unspecified site	Diagnosis	ICD-10-CM
C82.51	Diffuse follicle center lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.52	Diffuse follicle center lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.53	Diffuse follicle center lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.54	Diffuse follicle center lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.55	Diffuse follicle center lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.56	Diffuse follicle center lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.57	Diffuse follicle center lymphoma, spleen	Diagnosis	ICD-10-CM
C82.58	Diffuse follicle center lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.59	Diffuse follicle center lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.6	Cutaneous follicle center lymphoma	Diagnosis	ICD-10-CM
C82.60	Cutaneous follicle center lymphoma, unspecified site	Diagnosis	ICD-10-CM
C82.61	Cutaneous follicle center lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.62	Cutaneous follicle center lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.63	Cutaneous follicle center lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.64	Cutaneous follicle center lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.65	Cutaneous follicle center lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.66	Cutaneous follicle center lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.67	Cutaneous follicle center lymphoma, spleen	Diagnosis	ICD-10-CM
C82.68	Cutaneous follicle center lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.69	Cutaneous follicle center lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.8	Other types of follicular lymphoma	Diagnosis	ICD-10-CM
C82.80	Other types of follicular lymphoma, unspecified site	Diagnosis	ICD-10-CM
C82.81	Other types of follicular lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C82.82	Other types of follicular lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.83	Other types of follicular lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.84	Other types of follicular lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.85	Other types of follicular lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.86	Other types of follicular lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.87	Other types of follicular lymphoma, spleen	Diagnosis	ICD-10-CM
C82.88	Other types of follicular lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.89	Other types of follicular lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C82.9	Follicular lymphoma, unspecified	Diagnosis	ICD-10-CM
C82.90	Follicular lymphoma, unspecified, unspecified site	Diagnosis	ICD-10-CM
C82.91	Follicular lymphoma, unspecified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C82.92	Follicular lymphoma, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C82.93	Follicular lymphoma, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C82.94	Follicular lymphoma, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C82.95	Follicular lymphoma, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C82.96	Follicular lymphoma, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C82.97	Follicular lymphoma, unspecified, spleen	Diagnosis	ICD-10-CM
C82.98	Follicular lymphoma, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C82.99	Follicular lymphoma, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83	Non-follicular lymphoma	Diagnosis	ICD-10-CM
C83.0	Small cell B-cell lymphoma	Diagnosis	ICD-10-CM
C83.00	Small cell B-cell lymphoma, unspecified site	Diagnosis	ICD-10-CM
C83.01	Small cell B-cell lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.02	Small cell B-cell lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.03	Small cell B-cell lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.04	Small cell B-cell lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.05	Small cell B-cell lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.06	Small cell B-cell lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.07	Small cell B-cell lymphoma, spleen	Diagnosis	ICD-10-CM
C83.08	Small cell B-cell lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.09	Small cell B-cell lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.1	Mantle cell lymphoma	Diagnosis	ICD-10-CM
C83.10	Mantle cell lymphoma, unspecified site	Diagnosis	ICD-10-CM
C83.11	Mantle cell lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.12	Mantle cell lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.13	Mantle cell lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.14	Mantle cell lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.15	Mantle cell lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.16	Mantle cell lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.17	Mantle cell lymphoma, spleen	Diagnosis	ICD-10-CM
C83.18	Mantle cell lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.19	Mantle cell lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.3	Diffuse large B-cell lymphoma	Diagnosis	ICD-10-CM
C83.30	Diffuse large B-cell lymphoma, unspecified site	Diagnosis	ICD-10-CM
C83.31	Diffuse large B-cell lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.32	Diffuse large B-cell lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.33	Diffuse large B-cell lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.34	Diffuse large B-cell lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.35	Diffuse large B-cell lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.36	Diffuse large B-cell lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C83.37	Diffuse large B-cell lymphoma, spleen	Diagnosis	ICD-10-CM
C83.38	Diffuse large B-cell lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.39	Diffuse large B-cell lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.5	Lymphoblastic (diffuse) lymphoma	Diagnosis	ICD-10-CM
C83.50	Lymphoblastic (diffuse) lymphoma, unspecified site	Diagnosis	ICD-10-CM
C83.51	Lymphoblastic (diffuse) lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.52	Lymphoblastic (diffuse) lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.53	Lymphoblastic (diffuse) lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.54	Lymphoblastic (diffuse) lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.55	Lymphoblastic (diffuse) lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.56	Lymphoblastic (diffuse) lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.57	Lymphoblastic (diffuse) lymphoma, spleen	Diagnosis	ICD-10-CM
C83.58	Lymphoblastic (diffuse) lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.59	Lymphoblastic (diffuse) lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.7	Burkitt lymphoma	Diagnosis	ICD-10-CM
C83.70	Burkitt lymphoma, unspecified site	Diagnosis	ICD-10-CM
C83.71	Burkitt lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.72	Burkitt lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.73	Burkitt lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.74	Burkitt lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.75	Burkitt lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.76	Burkitt lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.77	Burkitt lymphoma, spleen	Diagnosis	ICD-10-CM
C83.78	Burkitt lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.79	Burkitt lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.8	Other non-follicular lymphoma	Diagnosis	ICD-10-CM
C83.80	Other non-follicular lymphoma, unspecified site	Diagnosis	ICD-10-CM
C83.81	Other non-follicular lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C83.82	Other non-follicular lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.83	Other non-follicular lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.84	Other non-follicular lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.85	Other non-follicular lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.86	Other non-follicular lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.87	Other non-follicular lymphoma, spleen	Diagnosis	ICD-10-CM
C83.88	Other non-follicular lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.89	Other non-follicular lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C83.9	Non-follicular (diffuse) lymphoma, unspecified	Diagnosis	ICD-10-CM
C83.90	Non-follicular (diffuse) lymphoma, unspecified, unspecified site	Diagnosis	ICD-10-CM
C83.91	Non-follicular (diffuse) lymphoma, unspecified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C83.92	Non-follicular (diffuse) lymphoma, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C83.93	Non-follicular (diffuse) lymphoma, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C83.94	Non-follicular (diffuse) lymphoma, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C83.95	Non-follicular (diffuse) lymphoma, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C83.96	Non-follicular (diffuse) lymphoma, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C83.97	Non-follicular (diffuse) lymphoma, unspecified, spleen	Diagnosis	ICD-10-CM
C83.98	Non-follicular (diffuse) lymphoma, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C83.99	Non-follicular (diffuse) lymphoma, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84	Mature T/NK-cell lymphomas	Diagnosis	ICD-10-CM
C84.0	Mycosis fungoides	Diagnosis	ICD-10-CM
C84.00	Mycosis fungoides, unspecified site	Diagnosis	ICD-10-CM
C84.01	Mycosis fungoides, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.02	Mycosis fungoides, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.03	Mycosis fungoides, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.04	Mycosis fungoides, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.05	Mycosis fungoides, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.06	Mycosis fungoides, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.07	Mycosis fungoides, spleen	Diagnosis	ICD-10-CM
C84.08	Mycosis fungoides, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.09	Mycosis fungoides, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.1	Sezary disease	Diagnosis	ICD-10-CM
C84.10	Sezary disease, unspecified site	Diagnosis	ICD-10-CM
C84.11	Sezary disease, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.12	Sezary disease, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.13	Sezary disease, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.14	Sezary disease, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.15	Sezary disease, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.16	Sezary disease, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.17	Sezary disease, spleen	Diagnosis	ICD-10-CM
C84.18	Sezary disease, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.19	Sezary disease, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.4	Peripheral T-cell lymphoma, not classified	Diagnosis	ICD-10-CM
C84.40	Peripheral T-cell lymphoma, not classified, unspecified site	Diagnosis	ICD-10-CM
C84.41	Peripheral T-cell lymphoma, not classified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.42	Peripheral T-cell lymphoma, not classified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.43	Peripheral T-cell lymphoma, not classified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C84.44	Peripheral T-cell lymphoma, not classified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.45	Peripheral T-cell lymphoma, not classified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.46	Peripheral T-cell lymphoma, not classified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.47	Peripheral T-cell lymphoma, not classified, spleen	Diagnosis	ICD-10-CM
C84.48	Peripheral T-cell lymphoma, not classified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.49	Peripheral T-cell lymphoma, not classified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.6	Anaplastic large cell lymphoma, ALK-positive	Diagnosis	ICD-10-CM
C84.60	Anaplastic large cell lymphoma, ALK-positive, unspecified site	Diagnosis	ICD-10-CM
C84.61	Anaplastic large cell lymphoma, ALK-positive, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.62	Anaplastic large cell lymphoma, ALK-positive, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.63	Anaplastic large cell lymphoma, ALK-positive, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.64	Anaplastic large cell lymphoma, ALK-positive, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.65	Anaplastic large cell lymphoma, ALK-positive, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.66	Anaplastic large cell lymphoma, ALK-positive, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.67	Anaplastic large cell lymphoma, ALK-positive, spleen	Diagnosis	ICD-10-CM
C84.68	Anaplastic large cell lymphoma, ALK-positive, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.69	Anaplastic large cell lymphoma, ALK-positive, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.7	Anaplastic large cell lymphoma, ALK-negative	Diagnosis	ICD-10-CM
C84.70	Anaplastic large cell lymphoma, ALK-negative, unspecified site	Diagnosis	ICD-10-CM
C84.71	Anaplastic large cell lymphoma, ALK-negative, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.72	Anaplastic large cell lymphoma, ALK-negative, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.73	Anaplastic large cell lymphoma, ALK-negative, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.74	Anaplastic large cell lymphoma, ALK-negative, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.75	Anaplastic large cell lymphoma, ALK-negative, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.76	Anaplastic large cell lymphoma, ALK-negative, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.77	Anaplastic large cell lymphoma, ALK-negative, spleen	Diagnosis	ICD-10-CM
C84.78	Anaplastic large cell lymphoma, ALK-negative, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.79	Anaplastic large cell lymphoma, ALK-negative, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.9	Mature T/NK-cell lymphomas, unspecified	Diagnosis	ICD-10-CM
C84.90	Mature T/NK-cell lymphomas, unspecified, unspecified site	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C84.91	Mature T/NK-cell lymphomas, unspecified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.92	Mature T/NK-cell lymphomas, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.93	Mature T/NK-cell lymphomas, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.94	Mature T/NK-cell lymphomas, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.95	Mature T/NK-cell lymphomas, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.96	Mature T/NK-cell lymphomas, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.97	Mature T/NK-cell lymphomas, unspecified, spleen	Diagnosis	ICD-10-CM
C84.98	Mature T/NK-cell lymphomas, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.99	Mature T/NK-cell lymphomas, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.A	Cutaneous T-cell lymphoma, unspecified	Diagnosis	ICD-10-CM
C84.A0	Cutaneous T-cell lymphoma, unspecified, unspecified site	Diagnosis	ICD-10-CM
C84.A1	Cutaneous T-cell lymphoma, unspecified lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.A2	Cutaneous T-cell lymphoma, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.A3	Cutaneous T-cell lymphoma, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.A4	Cutaneous T-cell lymphoma, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.A5	Cutaneous T-cell lymphoma, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.A6	Cutaneous T-cell lymphoma, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.A7	Cutaneous T-cell lymphoma, unspecified, spleen	Diagnosis	ICD-10-CM
C84.A8	Cutaneous T-cell lymphoma, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.A9	Cutaneous T-cell lymphoma, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C84.Z	Other mature T/NK-cell lymphomas	Diagnosis	ICD-10-CM
C84.Z0	Other mature T/NK-cell lymphomas, unspecified site	Diagnosis	ICD-10-CM
C84.Z1	Other mature T/NK-cell lymphomas, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C84.Z2	Other mature T/NK-cell lymphomas, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C84.Z3	Other mature T/NK-cell lymphomas, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C84.Z4	Other mature T/NK-cell lymphomas, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C84.Z5	Other mature T/NK-cell lymphomas, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C84.Z6	Other mature T/NK-cell lymphomas, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C84.Z7	Other mature T/NK-cell lymphomas, spleen	Diagnosis	ICD-10-CM
C84.Z8	Other mature T/NK-cell lymphomas, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C84.Z9	Other mature T/NK-cell lymphomas, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C85	Other specified and unspecified types of non-Hodgkin lymphoma	Diagnosis	ICD-10-CM
C85.1	Unspecified B-cell lymphoma	Diagnosis	ICD-10-CM
C85.10	Unspecified B-cell lymphoma, unspecified site	Diagnosis	ICD-10-CM
C85.11	Unspecified B-cell lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C85.12	Unspecified B-cell lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C85.13	Unspecified B-cell lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C85.14	Unspecified B-cell lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C85.15	Unspecified B-cell lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C85.16	Unspecified B-cell lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C85.17	Unspecified B-cell lymphoma, spleen	Diagnosis	ICD-10-CM
C85.18	Unspecified B-cell lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C85.19	Unspecified B-cell lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C85.2	Mediastinal (thymic) large B-cell lymphoma	Diagnosis	ICD-10-CM
C85.20	Mediastinal (thymic) large B-cell lymphoma, unspecified site	Diagnosis	ICD-10-CM
C85.21	Mediastinal (thymic) large B-cell lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C85.22	Mediastinal (thymic) large B-cell lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C85.23	Mediastinal (thymic) large B-cell lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C85.24	Mediastinal (thymic) large B-cell lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C85.25	Mediastinal (thymic) large B-cell lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C85.26	Mediastinal (thymic) large B-cell lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C85.27	Mediastinal (thymic) large B-cell lymphoma, spleen	Diagnosis	ICD-10-CM
C85.28	Mediastinal (thymic) large B-cell lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C85.29	Mediastinal (thymic) large B-cell lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C85.8	Other specified types of non-Hodgkin lymphoma	Diagnosis	ICD-10-CM
C85.80	Other specified types of non-Hodgkin lymphoma, unspecified site	Diagnosis	ICD-10-CM
C85.81	Other specified types of non-Hodgkin lymphoma, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C85.82	Other specified types of non-Hodgkin lymphoma, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C85.83	Other specified types of non-Hodgkin lymphoma, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C85.84	Other specified types of non-Hodgkin lymphoma, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C85.85	Other specified types of non-Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C85.86	Other specified types of non-Hodgkin lymphoma, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C85.87	Other specified types of non-Hodgkin lymphoma, spleen	Diagnosis	ICD-10-CM
C85.88	Other specified types of non-Hodgkin lymphoma, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C85.89	Other specified types of non-Hodgkin lymphoma, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C85.9	Non-Hodgkin lymphoma, unspecified	Diagnosis	ICD-10-CM
C85.90	Non-Hodgkin lymphoma, unspecified, unspecified site	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C85.91	Non-Hodgkin lymphoma, unspecified, lymph nodes of head, face, and neck	Diagnosis	ICD-10-CM
C85.92	Non-Hodgkin lymphoma, unspecified, intrathoracic lymph nodes	Diagnosis	ICD-10-CM
C85.93	Non-Hodgkin lymphoma, unspecified, intra-abdominal lymph nodes	Diagnosis	ICD-10-CM
C85.94	Non-Hodgkin lymphoma, unspecified, lymph nodes of axilla and upper limb	Diagnosis	ICD-10-CM
C85.95	Non-Hodgkin lymphoma, unspecified, lymph nodes of inguinal region and lower limb	Diagnosis	ICD-10-CM
C85.96	Non-Hodgkin lymphoma, unspecified, intrapelvic lymph nodes	Diagnosis	ICD-10-CM
C85.97	Non-Hodgkin lymphoma, unspecified, spleen	Diagnosis	ICD-10-CM
C85.98	Non-Hodgkin lymphoma, unspecified, lymph nodes of multiple sites	Diagnosis	ICD-10-CM
C85.99	Non-Hodgkin lymphoma, unspecified, extranodal and solid organ sites	Diagnosis	ICD-10-CM
C86	Other specified types of T/NK-cell lymphoma	Diagnosis	ICD-10-CM
C86.0	Extranodal NK/T-cell lymphoma, nasal type	Diagnosis	ICD-10-CM
C86.1	Hepatosplenic T-cell lymphoma	Diagnosis	ICD-10-CM
C86.2	Enteropathy-type (intestinal) T-cell lymphoma	Diagnosis	ICD-10-CM
C86.3	Subcutaneous panniculitis-like T-cell lymphoma	Diagnosis	ICD-10-CM
C86.4	Blastic NK-cell lymphoma	Diagnosis	ICD-10-CM
C86.5	Angioimmunoblastic T-cell lymphoma	Diagnosis	ICD-10-CM
C86.6	Primary cutaneous CD30-positive T-cell proliferations	Diagnosis	ICD-10-CM
C88	Malignant immunoproliferative diseases and certain other B-cell lymphomas	Diagnosis	ICD-10-CM
C88.0	Waldenstrom macroglobulinemia	Diagnosis	ICD-10-CM
C88.2	Heavy chain disease	Diagnosis	ICD-10-CM
C88.3	Immunoproliferative small intestinal disease	Diagnosis	ICD-10-CM
C88.4	Extranodal marginal zone B-cell lymphoma of mucosa-associated lymphoid tissue [MALT-lymphoma]	Diagnosis	ICD-10-CM
C88.8	Other malignant immunoproliferative diseases	Diagnosis	ICD-10-CM
C88.9	Malignant immunoproliferative disease, unspecified	Diagnosis	ICD-10-CM
C90	Multiple myeloma and malignant plasma cell neoplasms	Diagnosis	ICD-10-CM
C90.0	Multiple myeloma	Diagnosis	ICD-10-CM
C90.00	Multiple myeloma not having achieved remission	Diagnosis	ICD-10-CM
C90.01	Multiple myeloma in remission	Diagnosis	ICD-10-CM
C90.02	Multiple myeloma in relapse	Diagnosis	ICD-10-CM
C90.1	Plasma cell leukemia	Diagnosis	ICD-10-CM
C90.10	Plasma cell leukemia not having achieved remission	Diagnosis	ICD-10-CM
C90.11	Plasma cell leukemia in remission	Diagnosis	ICD-10-CM
C90.12	Plasma cell leukemia in relapse	Diagnosis	ICD-10-CM
C90.2	Extramedullary plasmacytoma	Diagnosis	ICD-10-CM
C90.20	Extramedullary plasmacytoma not having achieved remission	Diagnosis	ICD-10-CM
C90.21	Extramedullary plasmacytoma in remission	Diagnosis	ICD-10-CM
C90.22	Extramedullary plasmacytoma in relapse	Diagnosis	ICD-10-CM
C90.3	Solitary plasmacytoma	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C90.30	Solitary plasmacytoma not having achieved remission	Diagnosis	ICD-10-CM
C90.31	Solitary plasmacytoma in remission	Diagnosis	ICD-10-CM
C90.32	Solitary plasmacytoma in relapse	Diagnosis	ICD-10-CM
C91	Lymphoid leukemia	Diagnosis	ICD-10-CM
C91.0	Acute lymphoblastic leukemia [ALL]	Diagnosis	ICD-10-CM
C91.00	Acute lymphoblastic leukemia not having achieved remission	Diagnosis	ICD-10-CM
C91.01	Acute lymphoblastic leukemia, in remission	Diagnosis	ICD-10-CM
C91.02	Acute lymphoblastic leukemia, in relapse	Diagnosis	ICD-10-CM
C91.1	Chronic lymphocytic leukemia of B-cell type	Diagnosis	ICD-10-CM
C91.10	Chronic lymphocytic leukemia of B-cell type not having achieved remission	Diagnosis	ICD-10-CM
C91.11	Chronic lymphocytic leukemia of B-cell type in remission	Diagnosis	ICD-10-CM
C91.12	Chronic lymphocytic leukemia of B-cell type in relapse	Diagnosis	ICD-10-CM
C91.3	Prolymphocytic leukemia of B-cell type	Diagnosis	ICD-10-CM
C91.30	Prolymphocytic leukemia of B-cell type not having achieved remission	Diagnosis	ICD-10-CM
C91.31	Prolymphocytic leukemia of B-cell type, in remission	Diagnosis	ICD-10-CM
C91.32	Prolymphocytic leukemia of B-cell type, in relapse	Diagnosis	ICD-10-CM
C91.4	Hairy cell leukemia	Diagnosis	ICD-10-CM
C91.40	Hairy cell leukemia not having achieved remission	Diagnosis	ICD-10-CM
C91.41	Hairy cell leukemia, in remission	Diagnosis	ICD-10-CM
C91.42	Hairy cell leukemia, in relapse	Diagnosis	ICD-10-CM
C91.5	Adult T-cell lymphoma/leukemia (HTLV-1-associated)	Diagnosis	ICD-10-CM
C91.50	Adult T-cell lymphoma/leukemia (HTLV-1-associated) not having achieved remission	Diagnosis	ICD-10-CM
C91.51	Adult T-cell lymphoma/leukemia (HTLV-1-associated), in remission	Diagnosis	ICD-10-CM
C91.52	Adult T-cell lymphoma/leukemia (HTLV-1-associated), in relapse	Diagnosis	ICD-10-CM
C91.6	Prolymphocytic leukemia of T-cell type	Diagnosis	ICD-10-CM
C91.60	Prolymphocytic leukemia of T-cell type not having achieved remission	Diagnosis	ICD-10-CM
C91.61	Prolymphocytic leukemia of T-cell type, in remission	Diagnosis	ICD-10-CM
C91.62	Prolymphocytic leukemia of T-cell type, in relapse	Diagnosis	ICD-10-CM
C91.9	Lymphoid leukemia, unspecified	Diagnosis	ICD-10-CM
C91.90	Lymphoid leukemia, unspecified not having achieved remission	Diagnosis	ICD-10-CM
C91.91	Lymphoid leukemia, unspecified, in remission	Diagnosis	ICD-10-CM
C91.92	Lymphoid leukemia, unspecified, in relapse	Diagnosis	ICD-10-CM
C91.A	Mature B-cell leukemia Burkitt-type	Diagnosis	ICD-10-CM
C91.A0	Mature B-cell leukemia Burkitt-type not having achieved remission	Diagnosis	ICD-10-CM
C91.A1	Mature B-cell leukemia Burkitt-type, in remission	Diagnosis	ICD-10-CM
C91.A2	Mature B-cell leukemia Burkitt-type, in relapse	Diagnosis	ICD-10-CM
C91.Z	Other lymphoid leukemia	Diagnosis	ICD-10-CM
C91.Z0	Other lymphoid leukemia not having achieved remission	Diagnosis	ICD-10-CM
C91.Z1	Other lymphoid leukemia, in remission	Diagnosis	ICD-10-CM
C91.Z2	Other lymphoid leukemia, in relapse	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C92	Myeloid leukemia	Diagnosis	ICD-10-CM
C92.0	Acute myeloblastic leukemia	Diagnosis	ICD-10-CM
C92.00	Acute myeloblastic leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C92.01	Acute myeloblastic leukemia, in remission	Diagnosis	ICD-10-CM
C92.02	Acute myeloblastic leukemia, in relapse	Diagnosis	ICD-10-CM
C92.1	Chronic myeloid leukemia, BCR/ABL-positive	Diagnosis	ICD-10-CM
C92.10	Chronic myeloid leukemia, BCR/ABL-positive, not having achieved remission	Diagnosis	ICD-10-CM
C92.11	Chronic myeloid leukemia, BCR/ABL-positive, in remission	Diagnosis	ICD-10-CM
C92.12	Chronic myeloid leukemia, BCR/ABL-positive, in relapse	Diagnosis	ICD-10-CM
C92.2	Atypical chronic myeloid leukemia, BCR/ABL-negative	Diagnosis	ICD-10-CM
C92.20	Atypical chronic myeloid leukemia, BCR/ABL-negative, not having achieved remission	Diagnosis	ICD-10-CM
C92.21	Atypical chronic myeloid leukemia, BCR/ABL-negative, in remission	Diagnosis	ICD-10-CM
C92.22	Atypical chronic myeloid leukemia, BCR/ABL-negative, in relapse	Diagnosis	ICD-10-CM
C92.3	Myeloid sarcoma	Diagnosis	ICD-10-CM
C92.30	Myeloid sarcoma, not having achieved remission	Diagnosis	ICD-10-CM
C92.31	Myeloid sarcoma, in remission	Diagnosis	ICD-10-CM
C92.32	Myeloid sarcoma, in relapse	Diagnosis	ICD-10-CM
C92.4	Acute promyelocytic leukemia	Diagnosis	ICD-10-CM
C92.40	Acute promyelocytic leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C92.41	Acute promyelocytic leukemia, in remission	Diagnosis	ICD-10-CM
C92.42	Acute promyelocytic leukemia, in relapse	Diagnosis	ICD-10-CM
C92.5	Acute myelomonocytic leukemia	Diagnosis	ICD-10-CM
C92.50	Acute myelomonocytic leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C92.51	Acute myelomonocytic leukemia, in remission	Diagnosis	ICD-10-CM
C92.52	Acute myelomonocytic leukemia, in relapse	Diagnosis	ICD-10-CM
C92.6	Acute myeloid leukemia with 11q23-abnormality	Diagnosis	ICD-10-CM
C92.60	Acute myeloid leukemia with 11q23-abnormality not having achieved remission	Diagnosis	ICD-10-CM
C92.61	Acute myeloid leukemia with 11q23-abnormality in remission	Diagnosis	ICD-10-CM
C92.62	Acute myeloid leukemia with 11q23-abnormality in relapse	Diagnosis	ICD-10-CM
C92.9	Myeloid leukemia, unspecified	Diagnosis	ICD-10-CM
C92.90	Myeloid leukemia, unspecified, not having achieved remission	Diagnosis	ICD-10-CM
C92.91	Myeloid leukemia, unspecified in remission	Diagnosis	ICD-10-CM
C92.92	Myeloid leukemia, unspecified in relapse	Diagnosis	ICD-10-CM
C92.A	Acute myeloid leukemia with multilineage dysplasia	Diagnosis	ICD-10-CM
C92.A0	Acute myeloid leukemia with multilineage dysplasia, not having achieved remission	Diagnosis	ICD-10-CM
C92.A1	Acute myeloid leukemia with multilineage dysplasia, in remission	Diagnosis	ICD-10-CM
C92.A2	Acute myeloid leukemia with multilineage dysplasia, in relapse	Diagnosis	ICD-10-CM
C92.Z	Other myeloid leukemia	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C92.Z0	Other myeloid leukemia not having achieved remission	Diagnosis	ICD-10-CM
C92.Z1	Other myeloid leukemia, in remission	Diagnosis	ICD-10-CM
C92.Z2	Other myeloid leukemia, in relapse	Diagnosis	ICD-10-CM
C93	Monocytic leukemia	Diagnosis	ICD-10-CM
C93.0	Acute monoblastic/monocytic leukemia	Diagnosis	ICD-10-CM
C93.00	Acute monoblastic/monocytic leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C93.01	Acute monoblastic/monocytic leukemia, in remission	Diagnosis	ICD-10-CM
C93.02	Acute monoblastic/monocytic leukemia, in relapse	Diagnosis	ICD-10-CM
C93.1	Chronic myelomonocytic leukemia	Diagnosis	ICD-10-CM
C93.10	Chronic myelomonocytic leukemia not having achieved remission	Diagnosis	ICD-10-CM
C93.11	Chronic myelomonocytic leukemia, in remission	Diagnosis	ICD-10-CM
C93.12	Chronic myelomonocytic leukemia, in relapse	Diagnosis	ICD-10-CM
C93.3	Juvenile myelomonocytic leukemia	Diagnosis	ICD-10-CM
C93.30	Juvenile myelomonocytic leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C93.31	Juvenile myelomonocytic leukemia, in remission	Diagnosis	ICD-10-CM
C93.32	Juvenile myelomonocytic leukemia, in relapse	Diagnosis	ICD-10-CM
C93.9	Monocytic leukemia, unspecified	Diagnosis	ICD-10-CM
C93.90	Monocytic leukemia, unspecified, not having achieved remission	Diagnosis	ICD-10-CM
C93.91	Monocytic leukemia, unspecified in remission	Diagnosis	ICD-10-CM
C93.92	Monocytic leukemia, unspecified in relapse	Diagnosis	ICD-10-CM
C93.Z	Other monocytic leukemia	Diagnosis	ICD-10-CM
C93.Z0	Other monocytic leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C93.Z1	Other monocytic leukemia, in remission	Diagnosis	ICD-10-CM
C93.Z2	Other monocytic leukemia, in relapse	Diagnosis	ICD-10-CM
C94	Other leukemias of specified cell type	Diagnosis	ICD-10-CM
C94.0	Acute erythroid leukemia	Diagnosis	ICD-10-CM
C94.00	Acute erythroid leukemia, not having achieved remission	Diagnosis	ICD-10-CM
C94.01	Acute erythroid leukemia, in remission	Diagnosis	ICD-10-CM
C94.02	Acute erythroid leukemia, in relapse	Diagnosis	ICD-10-CM
C94.2	Acute megakaryoblastic leukemia	Diagnosis	ICD-10-CM
C94.20	Acute megakaryoblastic leukemia not having achieved remission	Diagnosis	ICD-10-CM
C94.21	Acute megakaryoblastic leukemia, in remission	Diagnosis	ICD-10-CM
C94.22	Acute megakaryoblastic leukemia, in relapse	Diagnosis	ICD-10-CM
C94.3	Mast cell leukemia	Diagnosis	ICD-10-CM
C94.30	Mast cell leukemia not having achieved remission	Diagnosis	ICD-10-CM
C94.31	Mast cell leukemia, in remission	Diagnosis	ICD-10-CM
C94.32	Mast cell leukemia, in relapse	Diagnosis	ICD-10-CM
C94.4	Acute panmyelosis with myelofibrosis	Diagnosis	ICD-10-CM
C94.40	Acute panmyelosis with myelofibrosis not having achieved remission	Diagnosis	ICD-10-CM
C94.41	Acute panmyelosis with myelofibrosis, in remission	Diagnosis	ICD-10-CM
C94.42	Acute panmyelosis with myelofibrosis, in relapse	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C94.6	Myelodysplastic disease, not classified	Diagnosis	ICD-10-CM
C94.8	Other specified leukemias	Diagnosis	ICD-10-CM
C94.80	Other specified leukemias not having achieved remission	Diagnosis	ICD-10-CM
C94.81	Other specified leukemias, in remission	Diagnosis	ICD-10-CM
C94.82	Other specified leukemias, in relapse	Diagnosis	ICD-10-CM
C95	Leukemia of unspecified cell type	Diagnosis	ICD-10-CM
C95.0	Acute leukemia of unspecified cell type	Diagnosis	ICD-10-CM
C95.00	Acute leukemia of unspecified cell type not having achieved remission	Diagnosis	ICD-10-CM
C95.01	Acute leukemia of unspecified cell type, in remission	Diagnosis	ICD-10-CM
C95.02	Acute leukemia of unspecified cell type, in relapse	Diagnosis	ICD-10-CM
C95.1	Chronic leukemia of unspecified cell type	Diagnosis	ICD-10-CM
C95.10	Chronic leukemia of unspecified cell type not having achieved remission	Diagnosis	ICD-10-CM
C95.11	Chronic leukemia of unspecified cell type, in remission	Diagnosis	ICD-10-CM
C95.12	Chronic leukemia of unspecified cell type, in relapse	Diagnosis	ICD-10-CM
C95.9	Leukemia, unspecified	Diagnosis	ICD-10-CM
C95.90	Leukemia, unspecified not having achieved remission	Diagnosis	ICD-10-CM
C95.91	Leukemia, unspecified, in remission	Diagnosis	ICD-10-CM
C95.92	Leukemia, unspecified, in relapse	Diagnosis	ICD-10-CM
C96	Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue	Diagnosis	ICD-10-CM
C96.0	Multifocal and multisystemic (disseminated) Langerhans-cell histiocytosis	Diagnosis	ICD-10-CM
C96.2	Malignant mast cell neoplasm	Diagnosis	ICD-10-CM
C96.20	Malignant mast cell neoplasm, unspecified	Diagnosis	ICD-10-CM
C96.21	Aggressive systemic mastocytosis	Diagnosis	ICD-10-CM
C96.22	Mast cell sarcoma	Diagnosis	ICD-10-CM
C96.29	Other malignant mast cell neoplasm	Diagnosis	ICD-10-CM
C96.4	Sarcoma of dendritic cells (accessory cells)	Diagnosis	ICD-10-CM
C96.5	Multifocal and unisystemic Langerhans-cell histiocytosis	Diagnosis	ICD-10-CM
C96.6	Unifocal Langerhans-cell histiocytosis	Diagnosis	ICD-10-CM
C96.9	Malignant neoplasm of lymphoid, hematopoietic and related tissue, unspecified	Diagnosis	ICD-10-CM
C96.A	Histiocytic sarcoma	Diagnosis	ICD-10-CM
C96.Z	Other specified malignant neoplasms of lymphoid, hematopoietic and related tissue	Diagnosis	ICD-10-CM
D03.0	Melanoma in situ of lip	Diagnosis	ICD-10-CM
D03.10	Melanoma in situ of unspecified eyelid, including canthus	Diagnosis	ICD-10-CM
D03.11	Melanoma in situ of right eyelid, including canthus	Diagnosis	ICD-10-CM
D03.12	Melanoma in situ of left eyelid, including canthus	Diagnosis	ICD-10-CM
D03.20	Melanoma in situ of unspecified ear and external auricular canal	Diagnosis	ICD-10-CM
D03.21	Melanoma in situ of right ear and external auricular canal	Diagnosis	ICD-10-CM
D03.22	Melanoma in situ of left ear and external auricular canal	Diagnosis	ICD-10-CM
D03.30	Melanoma in situ of unspecified part of face	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
D03.39	Melanoma in situ of other parts of face	Diagnosis	ICD-10-CM
D03.4	Melanoma in situ of scalp and neck	Diagnosis	ICD-10-CM
D03.51	Melanoma in situ of anal skin	Diagnosis	ICD-10-CM
D03.52	Melanoma in situ of breast (skin) (soft tissue)	Diagnosis	ICD-10-CM
D03.59	Melanoma in situ of other part of trunk	Diagnosis	ICD-10-CM
D03.60	Melanoma in situ of unspecified upper limb, including shoulder	Diagnosis	ICD-10-CM
D03.61	Melanoma in situ of right upper limb, including shoulder	Diagnosis	ICD-10-CM
D03.62	Melanoma in situ of left upper limb, including shoulder	Diagnosis	ICD-10-CM
D03.70	Melanoma in situ of unspecified lower limb, including hip	Diagnosis	ICD-10-CM
D03.71	Melanoma in situ of right lower limb, including hip	Diagnosis	ICD-10-CM
D03.72	Melanoma in situ of left lower limb, including hip	Diagnosis	ICD-10-CM
D03.8	Melanoma in situ of other sites	Diagnosis	ICD-10-CM
D03.9	Melanoma in situ, unspecified	Diagnosis	ICD-10-CM
D45	Polycythemia vera	Diagnosis	ICD-10-CM
D47.1	Chronic myeloproliferative disease	Diagnosis	ICD-10-CM
D47.3	Essential (hemorrhagic) thrombocythemia	Diagnosis	ICD-10-CM
O9A.1	Malignant neoplasm complicating pregnancy, childbirth and the puerperium	Diagnosis	ICD-10-CM
O9A.11	Malignant neoplasm complicating pregnancy	Diagnosis	ICD-10-CM
O9A.111	Malignant neoplasm complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O9A.112	Malignant neoplasm complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O9A.113	Malignant neoplasm complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O9A.119	Malignant neoplasm complicating pregnancy, unspecified trimester	Diagnosis	ICD-10-CM
O9A.12	Malignant neoplasm complicating childbirth	Diagnosis	ICD-10-CM
O9A.13	Malignant neoplasm complicating the puerperium	Diagnosis	ICD-10-CM
R97.21	Rising PSA following treatment for malignant neoplasm of prostate	Diagnosis	ICD-10-CM
Chronic Kidney Disease			
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

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
E11.29	Type 2 diabetes mellitus with other diabetic kidney complication	Diagnosis	ICD-10-CM
E13.21	Other specified diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E13.22	Other specified diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E13.29	Other specified diabetes mellitus with other diabetic kidney complication	Diagnosis	ICD-10-CM
I12.0	Hypertensive chronic kidney disease with stage 5 chronic kidney disease or end stage renal disease	Diagnosis	ICD-10-CM
I12.9	Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I13.0	Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I13.1	Hypertensive heart and chronic kidney disease without heart failure	Diagnosis	ICD-10-CM
I13.10	Hypertensive heart and chronic kidney disease without heart failure, with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I13.11	Hypertensive heart and chronic kidney disease without heart failure, with stage 5 chronic kidney disease, or end stage renal disease	Diagnosis	ICD-10-CM
I13.2	Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage renal disease	Diagnosis	ICD-10-CM
K76.7	Hepatorenal syndrome	Diagnosis	ICD-10-CM
M32.14	Glomerular disease in systemic lupus erythematosus	Diagnosis	ICD-10-CM
M32.15	Tubulo-interstitial nephropathy in systemic lupus erythematosus	Diagnosis	ICD-10-CM
M35.04	Sjogren syndrome with tubulo-interstitial nephropathy	Diagnosis	ICD-10-CM
N01.0	Rapidly progressive nephritic syndrome with minor glomerular abnormality	Diagnosis	ICD-10-CM
N01.1	Rapidly progressive nephritic syndrome with focal and segmental glomerular lesions	Diagnosis	ICD-10-CM
N01.2	Rapidly progressive nephritic syndrome with diffuse membranous glomerulonephritis	Diagnosis	ICD-10-CM
N01.3	Rapidly progressive nephritic syndrome with diffuse mesangial proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N01.4	Rapidly progressive nephritic syndrome with diffuse endocapillary proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N01.5	Rapidly progressive nephritic syndrome with diffuse mesangiocapillary glomerulonephritis	Diagnosis	ICD-10-CM
N01.6	Rapidly progressive nephritic syndrome with dense deposit disease	Diagnosis	ICD-10-CM
N01.7	Rapidly progressive nephritic syndrome with diffuse crescentic glomerulonephritis	Diagnosis	ICD-10-CM
N01.8	Rapidly progressive nephritic syndrome with other morphologic changes	Diagnosis	ICD-10-CM
N01.9	Rapidly progressive nephritic syndrome with unspecified morphologic changes	Diagnosis	ICD-10-CM
N02.0	Recurrent and persistent hematuria with minor glomerular abnormality	Diagnosis	ICD-10-CM
N02.1	Recurrent and persistent hematuria with focal and segmental glomerular lesions	Diagnosis	ICD-10-CM
N02.2	Recurrent and persistent hematuria with diffuse membranous glomerulonephritis	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

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

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
N05.5	Unspecified nephritic syndrome with diffuse mesangiocapillary glomerulonephritis	Diagnosis	ICD-10-CM
N05.6	Unspecified nephritic syndrome with dense deposit disease	Diagnosis	ICD-10-CM
N05.7	Unspecified nephritic syndrome with diffuse crescentic glomerulonephritis	Diagnosis	ICD-10-CM
N05.8	Unspecified nephritic syndrome with other morphologic changes	Diagnosis	ICD-10-CM
N05.9	Unspecified nephritic syndrome with unspecified morphologic changes	Diagnosis	ICD-10-CM
N06.0	Isolated proteinuria with minor glomerular abnormality	Diagnosis	ICD-10-CM
N06.1	Isolated proteinuria with focal and segmental glomerular lesions	Diagnosis	ICD-10-CM
N06.2	Isolated proteinuria with diffuse membranous glomerulonephritis	Diagnosis	ICD-10-CM
N06.3	Isolated proteinuria with diffuse mesangial proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N06.4	Isolated proteinuria with diffuse endocapillary proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N06.5	Isolated proteinuria with diffuse mesangiocapillary glomerulonephritis	Diagnosis	ICD-10-CM
N06.6	Isolated proteinuria with dense deposit disease	Diagnosis	ICD-10-CM
N06.7	Isolated proteinuria with diffuse crescentic glomerulonephritis	Diagnosis	ICD-10-CM
N06.8	Isolated proteinuria with other morphologic lesion	Diagnosis	ICD-10-CM
N06.9	Isolated proteinuria with unspecified morphologic lesion	Diagnosis	ICD-10-CM
N07.0	Hereditary nephropathy, not elsewhere classified with minor glomerular abnormality	Diagnosis	ICD-10-CM
N07.1	Hereditary nephropathy, not elsewhere classified with focal and segmental glomerular lesions	Diagnosis	ICD-10-CM
N07.2	Hereditary nephropathy, not elsewhere classified with diffuse membranous glomerulonephritis	Diagnosis	ICD-10-CM
N07.3	Hereditary nephropathy, not elsewhere classified with diffuse mesangial proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N07.4	Hereditary nephropathy, not elsewhere classified with diffuse endocapillary proliferative glomerulonephritis	Diagnosis	ICD-10-CM
N07.5	Hereditary nephropathy, not elsewhere classified with diffuse mesangiocapillary glomerulonephritis	Diagnosis	ICD-10-CM
N07.6	Hereditary nephropathy, not elsewhere classified with dense deposit disease	Diagnosis	ICD-10-CM
N07.7	Hereditary nephropathy, not elsewhere classified with diffuse crescentic glomerulonephritis	Diagnosis	ICD-10-CM
N07.8	Hereditary nephropathy, not elsewhere classified with other morphologic lesions	Diagnosis	ICD-10-CM
N07.9	Hereditary nephropathy, not elsewhere classified with unspecified morphologic lesions	Diagnosis	ICD-10-CM
N08	Glomerular disorders in diseases classified elsewhere	Diagnosis	ICD-10-CM
N11.0	Nonobstructive reflux-associated chronic pyelonephritis	Diagnosis	ICD-10-CM
N11.1	Chronic obstructive pyelonephritis	Diagnosis	ICD-10-CM
N11.8	Other chronic tubulo-interstitial nephritis	Diagnosis	ICD-10-CM
N11.9	Chronic tubulo-interstitial nephritis, unspecified	Diagnosis	ICD-10-CM
N12	Tubulo-interstitial nephritis, not specified as acute or chronic	Diagnosis	ICD-10-CM
N15.0	Balkan nephropathy	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
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
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
N19	Unspecified kidney failure	Diagnosis	ICD-10-CM
N25.0	Renal osteodystrophy	Diagnosis	ICD-10-CM
N25.1	Nephrogenic diabetes insipidus	Diagnosis	ICD-10-CM
N25.81	Secondary hyperparathyroidism of renal origin	Diagnosis	ICD-10-CM
N25.89	Other disorders resulting from impaired renal tubular function	Diagnosis	ICD-10-CM
N25.9	Disorder resulting from impaired renal tubular function, unspecified	Diagnosis	ICD-10-CM
N26.1	Atrophy of kidney (terminal)	Diagnosis	ICD-10-CM
N26.9	Renal sclerosis, unspecified	Diagnosis	ICD-10-CM
N28.89	Other specified disorders of kidney and ureter	Diagnosis	ICD-10-CM
N28.9	Disorder of kidney and ureter, unspecified	Diagnosis	ICD-10-CM
N29	Other disorders of kidney and ureter in diseases classified elsewhere	Diagnosis	ICD-10-CM
O10.2	Pre-existing hypertensive chronic kidney disease complicating pregnancy, childbirth and the puerperium	Diagnosis	ICD-10-CM
O10.21	Pre-existing hypertensive chronic kidney disease complicating pregnancy	Diagnosis	ICD-10-CM
O10.211	Pre-existing hypertensive chronic kidney disease complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O10.212	Pre-existing hypertensive chronic kidney disease complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O10.213	Pre-existing hypertensive chronic kidney disease complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O10.219	Pre-existing hypertensive chronic kidney disease complicating pregnancy, unspecified trimester	Diagnosis	ICD-10-CM
O10.22	Pre-existing hypertensive chronic kidney disease complicating childbirth	Diagnosis	ICD-10-CM
O10.23	Pre-existing hypertensive chronic kidney disease complicating the puerperium	Diagnosis	ICD-10-CM
O10.3	Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, childbirth and the puerperium	Diagnosis	ICD-10-CM
O10.31	Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy	Diagnosis	ICD-10-CM
O10.311	Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, first trimester	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
O10.312	Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O10.313	Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O10.319	Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, unspecified trimester	Diagnosis	ICD-10-CM
O10.32	Pre-existing hypertensive heart and chronic kidney disease complicating childbirth	Diagnosis	ICD-10-CM
O10.33	Pre-existing hypertensive heart and chronic kidney disease complicating the puerperium	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
R94.4	Abnormal results of kidney function studies	Diagnosis	ICD-10-CM
Z91.15	Patient's noncompliance with renal dialysis	Diagnosis	ICD-10-CM
Z99.2	Dependence on renal dialysis	Diagnosis	ICD-10-CM
Chronic Liver Disease			
B18.8	Other chronic viral hepatitis	Diagnosis	ICD-10-CM
B18.9	Chronic viral hepatitis, unspecified	Diagnosis	ICD-10-CM
E83.01	Wilson's disease	Diagnosis	ICD-10-CM
E83.110	Hereditary hemochromatosis	Diagnosis	ICD-10-CM
E88.01	Alpha-1-antitrypsin deficiency	Diagnosis	ICD-10-CM
I85	Esophageal varices	Diagnosis	ICD-10-CM
I85.0	Esophageal varices	Diagnosis	ICD-10-CM
I85.00	Esophageal varices without bleeding	Diagnosis	ICD-10-CM
I85.01	Esophageal varices with bleeding	Diagnosis	ICD-10-CM
I85.1	Secondary esophageal varices	Diagnosis	ICD-10-CM
I85.10	Secondary esophageal varices without bleeding	Diagnosis	ICD-10-CM
I85.11	Secondary esophageal varices with bleeding	Diagnosis	ICD-10-CM
I86.4	Gastric varices	Diagnosis	ICD-10-CM
K65.2	Spontaneous bacterial peritonitis	Diagnosis	ICD-10-CM
K70.0	Alcoholic fatty liver	Diagnosis	ICD-10-CM
K70.1	Alcoholic hepatitis	Diagnosis	ICD-10-CM
K70.10	Alcoholic hepatitis without ascites	Diagnosis	ICD-10-CM
K70.11	Alcoholic hepatitis with ascites	Diagnosis	ICD-10-CM
K70.2	Alcoholic fibrosis and sclerosis of liver	Diagnosis	ICD-10-CM
K70.3	Alcoholic cirrhosis of liver	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
K70.30	Alcoholic cirrhosis of liver without ascites	Diagnosis	ICD-10-CM
K70.31	Alcoholic cirrhosis of liver with ascites	Diagnosis	ICD-10-CM
K70.4	Alcoholic hepatic failure	Diagnosis	ICD-10-CM
K70.40	Alcoholic hepatic failure without coma	Diagnosis	ICD-10-CM
K70.41	Alcoholic hepatic failure with coma	Diagnosis	ICD-10-CM
K70.9	Alcoholic liver disease, unspecified	Diagnosis	ICD-10-CM
K71.0	Toxic liver disease with cholestasis	Diagnosis	ICD-10-CM
K71.1	Toxic liver disease with hepatic necrosis	Diagnosis	ICD-10-CM
K71.10	Toxic liver disease with hepatic necrosis, without coma	Diagnosis	ICD-10-CM
K71.11	Toxic liver disease with hepatic necrosis, with coma	Diagnosis	ICD-10-CM
K71.2	Toxic liver disease with acute hepatitis	Diagnosis	ICD-10-CM
K71.3	Toxic liver disease with chronic persistent hepatitis	Diagnosis	ICD-10-CM
K71.4	Toxic liver disease with chronic lobular hepatitis	Diagnosis	ICD-10-CM
K71.5	Toxic liver disease with chronic active hepatitis	Diagnosis	ICD-10-CM
K71.50	Toxic liver disease with chronic active hepatitis without ascites	Diagnosis	ICD-10-CM
K71.51	Toxic liver disease with chronic active hepatitis with ascites	Diagnosis	ICD-10-CM
K71.6	Toxic liver disease with hepatitis, not elsewhere classified	Diagnosis	ICD-10-CM
K71.7	Toxic liver disease with fibrosis and cirrhosis of liver	Diagnosis	ICD-10-CM
K71.8	Toxic liver disease with other disorders of liver	Diagnosis	ICD-10-CM
K71.9	Toxic liver disease, unspecified	Diagnosis	ICD-10-CM
K72.01	Acute and subacute hepatic failure with coma	Diagnosis	ICD-10-CM
K72.1	Chronic hepatic failure	Diagnosis	ICD-10-CM
K72.10	Chronic hepatic failure without coma	Diagnosis	ICD-10-CM
K72.11	Chronic hepatic failure with coma	Diagnosis	ICD-10-CM
K72.9	Hepatic failure, unspecified	Diagnosis	ICD-10-CM
K72.90	Hepatic failure, unspecified without coma	Diagnosis	ICD-10-CM
K72.91	Hepatic failure, unspecified with coma	Diagnosis	ICD-10-CM
K73	Chronic hepatitis, not elsewhere classified	Diagnosis	ICD-10-CM
K73.0	Chronic persistent hepatitis, not elsewhere classified	Diagnosis	ICD-10-CM
K73.1	Chronic lobular hepatitis, not elsewhere classified	Diagnosis	ICD-10-CM
K73.2	Chronic active hepatitis, not elsewhere classified	Diagnosis	ICD-10-CM
K73.8	Other chronic hepatitis, not elsewhere classified	Diagnosis	ICD-10-CM
K73.9	Chronic hepatitis, unspecified	Diagnosis	ICD-10-CM
K74	Fibrosis and cirrhosis of liver	Diagnosis	ICD-10-CM
K74.0	Hepatic fibrosis	Diagnosis	ICD-10-CM
K74.1	Hepatic sclerosis	Diagnosis	ICD-10-CM
K74.2	Hepatic fibrosis with hepatic sclerosis	Diagnosis	ICD-10-CM
K74.3	Primary biliary cirrhosis	Diagnosis	ICD-10-CM
K74.4	Secondary biliary cirrhosis	Diagnosis	ICD-10-CM
K74.5	Biliary cirrhosis, unspecified	Diagnosis	ICD-10-CM
K74.6	Other and unspecified cirrhosis of liver	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
K74.60	Unspecified cirrhosis of liver	Diagnosis	ICD-10-CM
K74.69	Other cirrhosis of liver	Diagnosis	ICD-10-CM
K75.0	Abscess of liver	Diagnosis	ICD-10-CM
K75.1	Phlebitis of portal vein	Diagnosis	ICD-10-CM
K75.2	Nonspecific reactive hepatitis	Diagnosis	ICD-10-CM
K75.3	Granulomatous hepatitis, not elsewhere classified	Diagnosis	ICD-10-CM
K75.4	Autoimmune hepatitis	Diagnosis	ICD-10-CM
K75.8	Other specified inflammatory liver diseases	Diagnosis	ICD-10-CM
K75.81	Nonalcoholic steatohepatitis (NASH)	Diagnosis	ICD-10-CM
K75.89	Other specified inflammatory liver diseases	Diagnosis	ICD-10-CM
K75.9	Inflammatory liver disease, unspecified	Diagnosis	ICD-10-CM
K76.0	Fatty (change of) liver, not elsewhere classified	Diagnosis	ICD-10-CM
K76.1	Chronic passive congestion of liver	Diagnosis	ICD-10-CM
K76.2	Central hemorrhagic necrosis of liver	Diagnosis	ICD-10-CM
K76.3	Infarction of liver	Diagnosis	ICD-10-CM
K76.4	Peliosis hepatis	Diagnosis	ICD-10-CM
K76.5	Hepatic veno-occlusive disease	Diagnosis	ICD-10-CM
K76.6	Portal hypertension	Diagnosis	ICD-10-CM
K76.7	Hepatorenal syndrome	Diagnosis	ICD-10-CM
K76.8	Other specified diseases of liver	Diagnosis	ICD-10-CM
K76.81	Hepatopulmonary syndrome	Diagnosis	ICD-10-CM
K76.89	Other specified diseases of liver	Diagnosis	ICD-10-CM
K76.9	Liver disease, unspecified	Diagnosis	ICD-10-CM
K83.01	Primary sclerosing cholangitis	Diagnosis	ICD-10-CM
K91.83	Postprocedural hepatorenal syndrome	Diagnosis	ICD-10-CM
Z94.4	Liver transplant status	Diagnosis	ICD-10-CM
Chronic Pain			
A52.78	Syphilis of other musculoskeletal tissue	Diagnosis	ICD-10-CM
A54.40	Gonococcal infection of musculoskeletal system, unspecified	Diagnosis	ICD-10-CM
A54.41	Gonococcal spondylopathy	Diagnosis	ICD-10-CM
A54.42	Gonococcal arthritis	Diagnosis	ICD-10-CM
A54.49	Gonococcal infection of other musculoskeletal tissue	Diagnosis	ICD-10-CM
B02.2	Zoster with other nervous system involvement	Diagnosis	ICD-10-CM
B02.21	Postherpetic geniculate ganglionitis	Diagnosis	ICD-10-CM
B02.22	Postherpetic trigeminal neuralgia	Diagnosis	ICD-10-CM
B02.23	Postherpetic polyneuropathy	Diagnosis	ICD-10-CM
B02.24	Postherpetic myelitis	Diagnosis	ICD-10-CM
B02.29	Other postherpetic nervous system involvement	Diagnosis	ICD-10-CM
D48.1	Neoplasm of uncertain behavior of connective and other soft tissue	Diagnosis	ICD-10-CM
D69.0	Allergic purpura	Diagnosis	ICD-10-CM
E79.1	Lesch-Nyhan syndrome	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
E79.8	Other disorders of purine and pyrimidine metabolism	Diagnosis	ICD-10-CM
G54.0	Brachial plexus disorders	Diagnosis	ICD-10-CM
G57.50	Tarsal tunnel syndrome, unspecified lower limb	Diagnosis	ICD-10-CM
G60	Hereditary and idiopathic neuropathy	Diagnosis	ICD-10-CM
G60.0	Hereditary motor and sensory neuropathy	Diagnosis	ICD-10-CM
G60.1	Refsum's disease	Diagnosis	ICD-10-CM
G60.2	Neuropathy in association with hereditary ataxia	Diagnosis	ICD-10-CM
G60.3	Idiopathic progressive neuropathy	Diagnosis	ICD-10-CM
G60.8	Other hereditary and idiopathic neuropathies	Diagnosis	ICD-10-CM
G60.9	Hereditary and idiopathic neuropathy, unspecified	Diagnosis	ICD-10-CM
G63	Polyneuropathy in diseases classified elsewhere	Diagnosis	ICD-10-CM
G83.4	Cauda equina syndrome	Diagnosis	ICD-10-CM
G89.3	Neoplasm related pain (acute) (chronic)	Diagnosis	ICD-10-CM
G90	Disorders of autonomic nervous system	Diagnosis	ICD-10-CM
G90.0	Idiopathic peripheral autonomic neuropathy	Diagnosis	ICD-10-CM
G90.01	Carotid sinus syncope	Diagnosis	ICD-10-CM
G90.09	Other idiopathic peripheral autonomic neuropathy	Diagnosis	ICD-10-CM
I00	Rheumatic fever without heart involvement	Diagnosis	ICD-10-CM
I01.0	Acute rheumatic pericarditis	Diagnosis	ICD-10-CM
I01.1	Acute rheumatic endocarditis	Diagnosis	ICD-10-CM
I01.2	Acute rheumatic myocarditis	Diagnosis	ICD-10-CM
I01.8	Other acute rheumatic heart disease	Diagnosis	ICD-10-CM
I01.9	Acute rheumatic heart disease, unspecified	Diagnosis	ICD-10-CM
I67.7	Cerebral arteritis, not elsewhere classified	Diagnosis	ICD-10-CM
I73.00	Raynaud's syndrome without gangrene	Diagnosis	ICD-10-CM
I73.01	Raynaud's syndrome with gangrene	Diagnosis	ICD-10-CM
I77.6	Arteritis, unspecified	Diagnosis	ICD-10-CM
L40.54	Psoriatic juvenile arthropathy	Diagnosis	ICD-10-CM
L40.59	Other psoriatic arthropathy	Diagnosis	ICD-10-CM
M00	Pyogenic arthritis	Diagnosis	ICD-10-CM
M00.0	Staphylococcal arthritis and polyarthritis	Diagnosis	ICD-10-CM
M00.00	Staphylococcal arthritis, unspecified joint	Diagnosis	ICD-10-CM
M00.019	Staphylococcal arthritis, unspecified shoulder	Diagnosis	ICD-10-CM
M00.029	Staphylococcal arthritis, unspecified elbow	Diagnosis	ICD-10-CM
M00.039	Staphylococcal arthritis, unspecified wrist	Diagnosis	ICD-10-CM
M00.049	Staphylococcal arthritis, unspecified hand	Diagnosis	ICD-10-CM
M00.059	Staphylococcal arthritis, unspecified hip	Diagnosis	ICD-10-CM
M00.069	Staphylococcal arthritis, unspecified knee	Diagnosis	ICD-10-CM
M00.079	Staphylococcal arthritis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M00.08	Staphylococcal arthritis, vertebrae	Diagnosis	ICD-10-CM
M00.09	Staphylococcal polyarthritis	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
M00.1	Pneumococcal arthritis and polyarthritis	Diagnosis	ICD-10-CM
M00.10	Pneumococcal arthritis, unspecified joint	Diagnosis	ICD-10-CM
M00.119	Pneumococcal arthritis, unspecified shoulder	Diagnosis	ICD-10-CM
M00.129	Pneumococcal arthritis, unspecified elbow	Diagnosis	ICD-10-CM
M00.139	Pneumococcal arthritis, unspecified wrist	Diagnosis	ICD-10-CM
M00.149	Pneumococcal arthritis, unspecified hand	Diagnosis	ICD-10-CM
M00.159	Pneumococcal arthritis, unspecified hip	Diagnosis	ICD-10-CM
M00.169	Pneumococcal arthritis, unspecified knee	Diagnosis	ICD-10-CM
M00.179	Pneumococcal arthritis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M00.18	Pneumococcal arthritis, vertebrae	Diagnosis	ICD-10-CM
M00.19	Pneumococcal polyarthritis	Diagnosis	ICD-10-CM
M00.2	Other streptococcal arthritis and polyarthritis	Diagnosis	ICD-10-CM
M00.20	Other streptococcal arthritis, unspecified joint	Diagnosis	ICD-10-CM
M00.219	Other streptococcal arthritis, unspecified shoulder	Diagnosis	ICD-10-CM
M00.229	Other streptococcal arthritis, unspecified elbow	Diagnosis	ICD-10-CM
M00.239	Other streptococcal arthritis, unspecified wrist	Diagnosis	ICD-10-CM
M00.249	Other streptococcal arthritis, unspecified hand	Diagnosis	ICD-10-CM
M00.259	Other streptococcal arthritis, unspecified hip	Diagnosis	ICD-10-CM
M00.269	Other streptococcal arthritis, unspecified knee	Diagnosis	ICD-10-CM
M00.279	Other streptococcal arthritis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M00.28	Other streptococcal arthritis, vertebrae	Diagnosis	ICD-10-CM
M00.29	Other streptococcal polyarthritis	Diagnosis	ICD-10-CM
M00.8	Arthritis and polyarthritis due to other bacteria	Diagnosis	ICD-10-CM
M00.80	Arthritis due to other bacteria, unspecified joint	Diagnosis	ICD-10-CM
M00.819	Arthritis due to other bacteria, unspecified shoulder	Diagnosis	ICD-10-CM
M00.829	Arthritis due to other bacteria, unspecified elbow	Diagnosis	ICD-10-CM
M00.839	Arthritis due to other bacteria, unspecified wrist	Diagnosis	ICD-10-CM
M00.849	Arthritis due to other bacteria, unspecified hand	Diagnosis	ICD-10-CM
M00.859	Arthritis due to other bacteria, unspecified hip	Diagnosis	ICD-10-CM
M00.869	Arthritis due to other bacteria, unspecified knee	Diagnosis	ICD-10-CM
M00.879	Arthritis due to other bacteria, unspecified ankle and foot	Diagnosis	ICD-10-CM
M00.88	Arthritis due to other bacteria, vertebrae	Diagnosis	ICD-10-CM
M00.89	Polyarthritis due to other bacteria	Diagnosis	ICD-10-CM
M00.9	Pyogenic arthritis, unspecified	Diagnosis	ICD-10-CM
M01	Direct infections of joint in infectious and parasitic diseases classified elsewhere	Diagnosis	ICD-10-CM
M01.X0	Direct infection of unspecified joint in infectious and parasitic diseases classified elsewhere	Diagnosis	ICD-10-CM
M01.X19	Direct infection of unspecified shoulder in infectious and parasitic diseases classified elsewhere	Diagnosis	ICD-10-CM
M01.X29	Direct infection of unspecified elbow in infectious and parasitic diseases classified elsewhere	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
M01.X39	Direct infection of unspecified wrist in infectious and parasitic diseases classified elsewhere	Diagnosis	ICD-10-CM
M01.X49	Direct infection of unspecified hand in infectious and parasitic diseases classified elsewhere	Diagnosis	ICD-10-CM
M01.X59	Direct infection of unspecified hip in infectious and parasitic diseases classified elsewhere	Diagnosis	ICD-10-CM
M01.X69	Direct infection of unspecified knee in infectious and parasitic diseases classified elsewhere	Diagnosis	ICD-10-CM
M01.X79	Direct infection of unspecified ankle and foot in infectious and parasitic diseases classified elsewhere	Diagnosis	ICD-10-CM
M01.X8	Direct infection of vertebrae in infectious and parasitic diseases classified elsewhere	Diagnosis	ICD-10-CM
M01.X9	Direct infection of multiple joints in infectious and parasitic diseases classified elsewhere	Diagnosis	ICD-10-CM
M02	Postinfective and reactive arthropathies	Diagnosis	ICD-10-CM
M02.0	Arthropathy following intestinal bypass	Diagnosis	ICD-10-CM
M02.00	Arthropathy following intestinal bypass, unspecified site	Diagnosis	ICD-10-CM
M02.1	Postdysenteric arthropathy	Diagnosis	ICD-10-CM
M02.10	Postdysenteric arthropathy, unspecified site	Diagnosis	ICD-10-CM
M02.119	Postdysenteric arthropathy, unspecified shoulder	Diagnosis	ICD-10-CM
M02.129	Postdysenteric arthropathy, unspecified elbow	Diagnosis	ICD-10-CM
M02.139	Postdysenteric arthropathy, unspecified wrist	Diagnosis	ICD-10-CM
M02.149	Postdysenteric arthropathy, unspecified hand	Diagnosis	ICD-10-CM
M02.159	Postdysenteric arthropathy, unspecified hip	Diagnosis	ICD-10-CM
M02.169	Postdysenteric arthropathy, unspecified knee	Diagnosis	ICD-10-CM
M02.179	Postdysenteric arthropathy, unspecified ankle and foot	Diagnosis	ICD-10-CM
M02.18	Postdysenteric arthropathy, vertebrae	Diagnosis	ICD-10-CM
M02.19	Postdysenteric arthropathy, multiple sites	Diagnosis	ICD-10-CM
M02.2	Postimmunization arthropathy	Diagnosis	ICD-10-CM
M02.20	Postimmunization arthropathy, unspecified site	Diagnosis	ICD-10-CM
M02.3	Reiter's disease	Diagnosis	ICD-10-CM
M02.30	Reiter's disease, unspecified site	Diagnosis	ICD-10-CM
M02.319	Reiter's disease, unspecified shoulder	Diagnosis	ICD-10-CM
M02.329	Reiter's disease, unspecified elbow	Diagnosis	ICD-10-CM
M02.339	Reiter's disease, unspecified wrist	Diagnosis	ICD-10-CM
M02.349	Reiter's disease, unspecified hand	Diagnosis	ICD-10-CM
M02.359	Reiter's disease, unspecified hip	Diagnosis	ICD-10-CM
M02.369	Reiter's disease, unspecified knee	Diagnosis	ICD-10-CM
M02.379	Reiter's disease, unspecified ankle and foot	Diagnosis	ICD-10-CM
M02.38	Reiter's disease, vertebrae	Diagnosis	ICD-10-CM
M02.39	Reiter's disease, multiple sites	Diagnosis	ICD-10-CM
M02.8	Other reactive arthropathies	Diagnosis	ICD-10-CM
M02.9	Reactive arthropathy, unspecified	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
M05	Rheumatoid arthritis with rheumatoid factor	Diagnosis	ICD-10-CM
M05.0	Felty's syndrome	Diagnosis	ICD-10-CM
M05.01	Felty's syndrome, shoulder	Diagnosis	ICD-10-CM
M05.011	Felty's syndrome, right shoulder	Diagnosis	ICD-10-CM
M05.012	Felty's syndrome, left shoulder	Diagnosis	ICD-10-CM
M05.019	Felty's syndrome, unspecified shoulder	Diagnosis	ICD-10-CM
M05.02	Felty's syndrome, elbow	Diagnosis	ICD-10-CM
M05.021	Felty's syndrome, right elbow	Diagnosis	ICD-10-CM
M05.022	Felty's syndrome, left elbow	Diagnosis	ICD-10-CM
M05.029	Felty's syndrome, unspecified elbow	Diagnosis	ICD-10-CM
M05.03	Felty's syndrome, wrist	Diagnosis	ICD-10-CM
M05.031	Felty's syndrome, right wrist	Diagnosis	ICD-10-CM
M05.032	Felty's syndrome, left wrist	Diagnosis	ICD-10-CM
M05.039	Felty's syndrome, unspecified wrist	Diagnosis	ICD-10-CM
M05.04	Felty's syndrome, hand	Diagnosis	ICD-10-CM
M05.041	Felty's syndrome, right hand	Diagnosis	ICD-10-CM
M05.042	Felty's syndrome, left hand	Diagnosis	ICD-10-CM
M05.049	Felty's syndrome, unspecified hand	Diagnosis	ICD-10-CM
M05.05	Felty's syndrome, hip	Diagnosis	ICD-10-CM
M05.051	Felty's syndrome, right hip	Diagnosis	ICD-10-CM
M05.052	Felty's syndrome, left hip	Diagnosis	ICD-10-CM
M05.059	Felty's syndrome, unspecified hip	Diagnosis	ICD-10-CM
M05.06	Felty's syndrome, knee	Diagnosis	ICD-10-CM
M05.061	Felty's syndrome, right knee	Diagnosis	ICD-10-CM
M05.062	Felty's syndrome, left knee	Diagnosis	ICD-10-CM
M05.069	Felty's syndrome, unspecified knee	Diagnosis	ICD-10-CM
M05.07	Felty's syndrome, ankle and foot	Diagnosis	ICD-10-CM
M05.071	Felty's syndrome, right ankle and foot	Diagnosis	ICD-10-CM
M05.072	Felty's syndrome, left ankle and foot	Diagnosis	ICD-10-CM
M05.079	Felty's syndrome, unspecified ankle and foot	Diagnosis	ICD-10-CM
M05.09	Felty's syndrome, multiple sites	Diagnosis	ICD-10-CM
M05.1	Rheumatoid lung disease with rheumatoid arthritis	Diagnosis	ICD-10-CM
M05.10	Rheumatoid lung disease with rheumatoid arthritis of unspecified site	Diagnosis	ICD-10-CM
M05.11	Rheumatoid lung disease with rheumatoid arthritis of shoulder	Diagnosis	ICD-10-CM
M05.111	Rheumatoid lung disease with rheumatoid arthritis of right shoulder	Diagnosis	ICD-10-CM
M05.112	Rheumatoid lung disease with rheumatoid arthritis of left shoulder	Diagnosis	ICD-10-CM
M05.119	Rheumatoid lung disease with rheumatoid arthritis of unspecified shoulder	Diagnosis	ICD-10-CM
M05.12	Rheumatoid lung disease with rheumatoid arthritis of elbow	Diagnosis	ICD-10-CM
M05.121	Rheumatoid lung disease with rheumatoid arthritis of right elbow	Diagnosis	ICD-10-CM
M05.122	Rheumatoid lung disease with rheumatoid arthritis of left elbow	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
M05.129	Rheumatoid lung disease with rheumatoid arthritis of unspecified elbow	Diagnosis	ICD-10-CM
M05.13	Rheumatoid lung disease with rheumatoid arthritis of wrist	Diagnosis	ICD-10-CM
M05.131	Rheumatoid lung disease with rheumatoid arthritis of right wrist	Diagnosis	ICD-10-CM
M05.132	Rheumatoid lung disease with rheumatoid arthritis of left wrist	Diagnosis	ICD-10-CM
M05.139	Rheumatoid lung disease with rheumatoid arthritis of unspecified wrist	Diagnosis	ICD-10-CM
M05.14	Rheumatoid lung disease with rheumatoid arthritis of hand	Diagnosis	ICD-10-CM
M05.141	Rheumatoid lung disease with rheumatoid arthritis of right hand	Diagnosis	ICD-10-CM
M05.142	Rheumatoid lung disease with rheumatoid arthritis of left hand	Diagnosis	ICD-10-CM
M05.149	Rheumatoid lung disease with rheumatoid arthritis of unspecified hand	Diagnosis	ICD-10-CM
M05.15	Rheumatoid lung disease with rheumatoid arthritis of hip	Diagnosis	ICD-10-CM
M05.151	Rheumatoid lung disease with rheumatoid arthritis of right hip	Diagnosis	ICD-10-CM
M05.152	Rheumatoid lung disease with rheumatoid arthritis of left hip	Diagnosis	ICD-10-CM
M05.159	Rheumatoid lung disease with rheumatoid arthritis of unspecified hip	Diagnosis	ICD-10-CM
M05.16	Rheumatoid lung disease with rheumatoid arthritis of knee	Diagnosis	ICD-10-CM
M05.161	Rheumatoid lung disease with rheumatoid arthritis of right knee	Diagnosis	ICD-10-CM
M05.162	Rheumatoid lung disease with rheumatoid arthritis of left knee	Diagnosis	ICD-10-CM
M05.169	Rheumatoid lung disease with rheumatoid arthritis of unspecified knee	Diagnosis	ICD-10-CM
M05.17	Rheumatoid lung disease with rheumatoid arthritis of ankle and foot	Diagnosis	ICD-10-CM
M05.171	Rheumatoid lung disease with rheumatoid arthritis of right ankle and foot	Diagnosis	ICD-10-CM
M05.172	Rheumatoid lung disease with rheumatoid arthritis of left ankle and foot	Diagnosis	ICD-10-CM
M05.179	Rheumatoid lung disease with rheumatoid arthritis of unspecified ankle and foot	Diagnosis	ICD-10-CM
M05.19	Rheumatoid lung disease with rheumatoid arthritis of multiple sites	Diagnosis	ICD-10-CM
M05.2	Rheumatoid vasculitis with rheumatoid arthritis	Diagnosis	ICD-10-CM
M05.20	Rheumatoid vasculitis with rheumatoid arthritis of unspecified site	Diagnosis	ICD-10-CM
M05.21	Rheumatoid vasculitis with rheumatoid arthritis of shoulder	Diagnosis	ICD-10-CM
M05.211	Rheumatoid vasculitis with rheumatoid arthritis of right shoulder	Diagnosis	ICD-10-CM
M05.212	Rheumatoid vasculitis with rheumatoid arthritis of left shoulder	Diagnosis	ICD-10-CM
M05.219	Rheumatoid vasculitis with rheumatoid arthritis of unspecified shoulder	Diagnosis	ICD-10-CM
M05.22	Rheumatoid vasculitis with rheumatoid arthritis of elbow	Diagnosis	ICD-10-CM
M05.221	Rheumatoid vasculitis with rheumatoid arthritis of right elbow	Diagnosis	ICD-10-CM
M05.222	Rheumatoid vasculitis with rheumatoid arthritis of left elbow	Diagnosis	ICD-10-CM
M05.229	Rheumatoid vasculitis with rheumatoid arthritis of unspecified elbow	Diagnosis	ICD-10-CM
M05.23	Rheumatoid vasculitis with rheumatoid arthritis of wrist	Diagnosis	ICD-10-CM
M05.231	Rheumatoid vasculitis with rheumatoid arthritis of right wrist	Diagnosis	ICD-10-CM
M05.232	Rheumatoid vasculitis with rheumatoid arthritis of left wrist	Diagnosis	ICD-10-CM
M05.239	Rheumatoid vasculitis with rheumatoid arthritis of unspecified wrist	Diagnosis	ICD-10-CM
M05.24	Rheumatoid vasculitis with rheumatoid arthritis of hand	Diagnosis	ICD-10-CM
M05.241	Rheumatoid vasculitis with rheumatoid arthritis of right hand	Diagnosis	ICD-10-CM
M05.242	Rheumatoid vasculitis with rheumatoid arthritis of left hand	Diagnosis	ICD-10-CM
M05.249	Rheumatoid vasculitis with rheumatoid arthritis of unspecified hand	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
M05.25	Rheumatoid vasculitis with rheumatoid arthritis of hip	Diagnosis	ICD-10-CM
M05.251	Rheumatoid vasculitis with rheumatoid arthritis of right hip	Diagnosis	ICD-10-CM
M05.252	Rheumatoid vasculitis with rheumatoid arthritis of left hip	Diagnosis	ICD-10-CM
M05.259	Rheumatoid vasculitis with rheumatoid arthritis of unspecified hip	Diagnosis	ICD-10-CM
M05.26	Rheumatoid vasculitis with rheumatoid arthritis of knee	Diagnosis	ICD-10-CM
M05.261	Rheumatoid vasculitis with rheumatoid arthritis of right knee	Diagnosis	ICD-10-CM
M05.262	Rheumatoid vasculitis with rheumatoid arthritis of left knee	Diagnosis	ICD-10-CM
M05.269	Rheumatoid vasculitis with rheumatoid arthritis of unspecified knee	Diagnosis	ICD-10-CM
M05.27	Rheumatoid vasculitis with rheumatoid arthritis of ankle and foot	Diagnosis	ICD-10-CM
M05.271	Rheumatoid vasculitis with rheumatoid arthritis of right ankle and foot	Diagnosis	ICD-10-CM
M05.272	Rheumatoid vasculitis with rheumatoid arthritis of left ankle and foot	Diagnosis	ICD-10-CM
M05.279	Rheumatoid vasculitis with rheumatoid arthritis of unspecified ankle and foot	Diagnosis	ICD-10-CM
M05.29	Rheumatoid vasculitis with rheumatoid arthritis of multiple sites	Diagnosis	ICD-10-CM
M05.3	Rheumatoid heart disease with rheumatoid arthritis	Diagnosis	ICD-10-CM
M05.30	Rheumatoid heart disease with rheumatoid arthritis of unspecified site	Diagnosis	ICD-10-CM
M05.31	Rheumatoid heart disease with rheumatoid arthritis of shoulder	Diagnosis	ICD-10-CM
M05.311	Rheumatoid heart disease with rheumatoid arthritis of right shoulder	Diagnosis	ICD-10-CM
M05.312	Rheumatoid heart disease with rheumatoid arthritis of left shoulder	Diagnosis	ICD-10-CM
M05.319	Rheumatoid heart disease with rheumatoid arthritis of unspecified shoulder	Diagnosis	ICD-10-CM
M05.32	Rheumatoid heart disease with rheumatoid arthritis of elbow	Diagnosis	ICD-10-CM
M05.321	Rheumatoid heart disease with rheumatoid arthritis of right elbow	Diagnosis	ICD-10-CM
M05.322	Rheumatoid heart disease with rheumatoid arthritis of left elbow	Diagnosis	ICD-10-CM
M05.329	Rheumatoid heart disease with rheumatoid arthritis of unspecified elbow	Diagnosis	ICD-10-CM
M05.33	Rheumatoid heart disease with rheumatoid arthritis of wrist	Diagnosis	ICD-10-CM
M05.331	Rheumatoid heart disease with rheumatoid arthritis of right wrist	Diagnosis	ICD-10-CM
M05.332	Rheumatoid heart disease with rheumatoid arthritis of left wrist	Diagnosis	ICD-10-CM
M05.339	Rheumatoid heart disease with rheumatoid arthritis of unspecified wrist	Diagnosis	ICD-10-CM
M05.34	Rheumatoid heart disease with rheumatoid arthritis of hand	Diagnosis	ICD-10-CM
M05.341	Rheumatoid heart disease with rheumatoid arthritis of right hand	Diagnosis	ICD-10-CM
M05.342	Rheumatoid heart disease with rheumatoid arthritis of left hand	Diagnosis	ICD-10-CM
M05.349	Rheumatoid heart disease with rheumatoid arthritis of unspecified hand	Diagnosis	ICD-10-CM
M05.35	Rheumatoid heart disease with rheumatoid arthritis of hip	Diagnosis	ICD-10-CM
M05.351	Rheumatoid heart disease with rheumatoid arthritis of right hip	Diagnosis	ICD-10-CM
M05.352	Rheumatoid heart disease with rheumatoid arthritis of left hip	Diagnosis	ICD-10-CM
M05.359	Rheumatoid heart disease with rheumatoid arthritis of unspecified hip	Diagnosis	ICD-10-CM
M05.36	Rheumatoid heart disease with rheumatoid arthritis of knee	Diagnosis	ICD-10-CM
M05.361	Rheumatoid heart disease with rheumatoid arthritis of right knee	Diagnosis	ICD-10-CM
M05.362	Rheumatoid heart disease with rheumatoid arthritis of left knee	Diagnosis	ICD-10-CM
M05.369	Rheumatoid heart disease with rheumatoid arthritis of unspecified knee	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
M05.37	Rheumatoid heart disease with rheumatoid arthritis of ankle and foot	Diagnosis	ICD-10-CM
M05.371	Rheumatoid heart disease with rheumatoid arthritis of right ankle and foot	Diagnosis	ICD-10-CM
M05.372	Rheumatoid heart disease with rheumatoid arthritis of left ankle and foot	Diagnosis	ICD-10-CM
M05.379	Rheumatoid heart disease with rheumatoid arthritis of unspecified ankle and foot	Diagnosis	ICD-10-CM
M05.39	Rheumatoid heart disease with rheumatoid arthritis of multiple sites	Diagnosis	ICD-10-CM
M05.4	Rheumatoid myopathy with rheumatoid arthritis	Diagnosis	ICD-10-CM
M05.40	Rheumatoid myopathy with rheumatoid arthritis of unspecified site	Diagnosis	ICD-10-CM
M05.41	Rheumatoid myopathy with rheumatoid arthritis of shoulder	Diagnosis	ICD-10-CM
M05.411	Rheumatoid myopathy with rheumatoid arthritis of right shoulder	Diagnosis	ICD-10-CM
M05.412	Rheumatoid myopathy with rheumatoid arthritis of left shoulder	Diagnosis	ICD-10-CM
M05.419	Rheumatoid myopathy with rheumatoid arthritis of unspecified shoulder	Diagnosis	ICD-10-CM
M05.42	Rheumatoid myopathy with rheumatoid arthritis of elbow	Diagnosis	ICD-10-CM
M05.421	Rheumatoid myopathy with rheumatoid arthritis of right elbow	Diagnosis	ICD-10-CM
M05.422	Rheumatoid myopathy with rheumatoid arthritis of left elbow	Diagnosis	ICD-10-CM
M05.429	Rheumatoid myopathy with rheumatoid arthritis of unspecified elbow	Diagnosis	ICD-10-CM
M05.43	Rheumatoid myopathy with rheumatoid arthritis of wrist	Diagnosis	ICD-10-CM
M05.431	Rheumatoid myopathy with rheumatoid arthritis of right wrist	Diagnosis	ICD-10-CM
M05.432	Rheumatoid myopathy with rheumatoid arthritis of left wrist	Diagnosis	ICD-10-CM
M05.439	Rheumatoid myopathy with rheumatoid arthritis of unspecified wrist	Diagnosis	ICD-10-CM
M05.44	Rheumatoid myopathy with rheumatoid arthritis of hand	Diagnosis	ICD-10-CM
M05.441	Rheumatoid myopathy with rheumatoid arthritis of right hand	Diagnosis	ICD-10-CM
M05.442	Rheumatoid myopathy with rheumatoid arthritis of left hand	Diagnosis	ICD-10-CM
M05.449	Rheumatoid myopathy with rheumatoid arthritis of unspecified hand	Diagnosis	ICD-10-CM
M05.45	Rheumatoid myopathy with rheumatoid arthritis of hip	Diagnosis	ICD-10-CM
M05.451	Rheumatoid myopathy with rheumatoid arthritis of right hip	Diagnosis	ICD-10-CM
M05.452	Rheumatoid myopathy with rheumatoid arthritis of left hip	Diagnosis	ICD-10-CM
M05.459	Rheumatoid myopathy with rheumatoid arthritis of unspecified hip	Diagnosis	ICD-10-CM
M05.46	Rheumatoid myopathy with rheumatoid arthritis of knee	Diagnosis	ICD-10-CM
M05.461	Rheumatoid myopathy with rheumatoid arthritis of right knee	Diagnosis	ICD-10-CM
M05.462	Rheumatoid myopathy with rheumatoid arthritis of left knee	Diagnosis	ICD-10-CM
M05.469	Rheumatoid myopathy with rheumatoid arthritis of unspecified knee	Diagnosis	ICD-10-CM
M05.47	Rheumatoid myopathy with rheumatoid arthritis of ankle and foot	Diagnosis	ICD-10-CM
M05.471	Rheumatoid myopathy with rheumatoid arthritis of right ankle and foot	Diagnosis	ICD-10-CM
M05.472	Rheumatoid myopathy with rheumatoid arthritis of left ankle and foot	Diagnosis	ICD-10-CM
M05.479	Rheumatoid myopathy with rheumatoid arthritis of unspecified ankle and foot	Diagnosis	ICD-10-CM
M05.49	Rheumatoid myopathy with rheumatoid arthritis of multiple sites	Diagnosis	ICD-10-CM
M05.5	Rheumatoid polyneuropathy with rheumatoid arthritis	Diagnosis	ICD-10-CM
M05.50	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified site	Diagnosis	ICD-10-CM
M05.51	Rheumatoid polyneuropathy with rheumatoid arthritis of shoulder	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
M05.511	Rheumatoid polyneuropathy with rheumatoid arthritis of right shoulder	Diagnosis	ICD-10-CM
M05.512	Rheumatoid polyneuropathy with rheumatoid arthritis of left shoulder	Diagnosis	ICD-10-CM
M05.519	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified shoulder	Diagnosis	ICD-10-CM
M05.52	Rheumatoid polyneuropathy with rheumatoid arthritis of elbow	Diagnosis	ICD-10-CM
M05.521	Rheumatoid polyneuropathy with rheumatoid arthritis of right elbow	Diagnosis	ICD-10-CM
M05.522	Rheumatoid polyneuropathy with rheumatoid arthritis of left elbow	Diagnosis	ICD-10-CM
M05.529	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified elbow	Diagnosis	ICD-10-CM
M05.53	Rheumatoid polyneuropathy with rheumatoid arthritis of wrist	Diagnosis	ICD-10-CM
M05.531	Rheumatoid polyneuropathy with rheumatoid arthritis of right wrist	Diagnosis	ICD-10-CM
M05.532	Rheumatoid polyneuropathy with rheumatoid arthritis of left wrist	Diagnosis	ICD-10-CM
M05.539	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified wrist	Diagnosis	ICD-10-CM
M05.54	Rheumatoid polyneuropathy with rheumatoid arthritis of hand	Diagnosis	ICD-10-CM
M05.541	Rheumatoid polyneuropathy with rheumatoid arthritis of right hand	Diagnosis	ICD-10-CM
M05.542	Rheumatoid polyneuropathy with rheumatoid arthritis of left hand	Diagnosis	ICD-10-CM
M05.549	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified hand	Diagnosis	ICD-10-CM
M05.55	Rheumatoid polyneuropathy with rheumatoid arthritis of hip	Diagnosis	ICD-10-CM
M05.551	Rheumatoid polyneuropathy with rheumatoid arthritis of right hip	Diagnosis	ICD-10-CM
M05.552	Rheumatoid polyneuropathy with rheumatoid arthritis of left hip	Diagnosis	ICD-10-CM
M05.559	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified hip	Diagnosis	ICD-10-CM
M05.56	Rheumatoid polyneuropathy with rheumatoid arthritis of knee	Diagnosis	ICD-10-CM
M05.561	Rheumatoid polyneuropathy with rheumatoid arthritis of right knee	Diagnosis	ICD-10-CM
M05.562	Rheumatoid polyneuropathy with rheumatoid arthritis of left knee	Diagnosis	ICD-10-CM
M05.569	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified knee	Diagnosis	ICD-10-CM
M05.57	Rheumatoid polyneuropathy with rheumatoid arthritis of ankle and foot	Diagnosis	ICD-10-CM
M05.571	Rheumatoid polyneuropathy with rheumatoid arthritis of right ankle and foot	Diagnosis	ICD-10-CM
M05.572	Rheumatoid polyneuropathy with rheumatoid arthritis of left ankle and foot	Diagnosis	ICD-10-CM
M05.579	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified ankle and foot	Diagnosis	ICD-10-CM
M05.59	Rheumatoid polyneuropathy with rheumatoid arthritis of multiple sites	Diagnosis	ICD-10-CM
M05.6	Rheumatoid arthritis with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.60	Rheumatoid arthritis of unspecified site with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.61	Rheumatoid arthritis of shoulder with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.611	Rheumatoid arthritis of right shoulder with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.612	Rheumatoid arthritis of left shoulder with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.619	Rheumatoid arthritis of unspecified shoulder with involvement of other organs and systems	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
M05.62	Rheumatoid arthritis of elbow with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.621	Rheumatoid arthritis of right elbow with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.622	Rheumatoid arthritis of left elbow with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.629	Rheumatoid arthritis of unspecified elbow with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.63	Rheumatoid arthritis of wrist with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.631	Rheumatoid arthritis of right wrist with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.632	Rheumatoid arthritis of left wrist with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.639	Rheumatoid arthritis of unspecified wrist with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.64	Rheumatoid arthritis of hand with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.641	Rheumatoid arthritis of right hand with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.642	Rheumatoid arthritis of left hand with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.649	Rheumatoid arthritis of unspecified hand with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.65	Rheumatoid arthritis of hip with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.651	Rheumatoid arthritis of right hip with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.652	Rheumatoid arthritis of left hip with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.659	Rheumatoid arthritis of unspecified hip with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.66	Rheumatoid arthritis of knee with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.661	Rheumatoid arthritis of right knee with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.662	Rheumatoid arthritis of left knee with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.669	Rheumatoid arthritis of unspecified knee with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.67	Rheumatoid arthritis of ankle and foot with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.671	Rheumatoid arthritis of right ankle and foot with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.672	Rheumatoid arthritis of left ankle and foot with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.679	Rheumatoid arthritis of unspecified ankle and foot with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.69	Rheumatoid arthritis of multiple sites with involvement of other organs and systems	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
M05.7	Rheumatoid arthritis with rheumatoid factor without organ or systems involvement	Diagnosis	ICD-10-CM
M05.70	Rheumatoid arthritis with rheumatoid factor of unspecified site without organ or systems involvement	Diagnosis	ICD-10-CM
M05.71	Rheumatoid arthritis with rheumatoid factor of shoulder without organ or systems involvement	Diagnosis	ICD-10-CM
M05.711	Rheumatoid arthritis with rheumatoid factor of right shoulder without organ or systems involvement	Diagnosis	ICD-10-CM
M05.712	Rheumatoid arthritis with rheumatoid factor of left shoulder without organ or systems involvement	Diagnosis	ICD-10-CM
M05.719	Rheumatoid arthritis with rheumatoid factor of unspecified shoulder without organ or systems involvement	Diagnosis	ICD-10-CM
M05.72	Rheumatoid arthritis with rheumatoid factor of elbow without organ or systems involvement	Diagnosis	ICD-10-CM
M05.721	Rheumatoid arthritis with rheumatoid factor of right elbow without organ or systems involvement	Diagnosis	ICD-10-CM
M05.722	Rheumatoid arthritis with rheumatoid factor of left elbow without organ or systems involvement	Diagnosis	ICD-10-CM
M05.729	Rheumatoid arthritis with rheumatoid factor of unspecified elbow without organ or systems involvement	Diagnosis	ICD-10-CM
M05.73	Rheumatoid arthritis with rheumatoid factor of wrist without organ or systems involvement	Diagnosis	ICD-10-CM
M05.731	Rheumatoid arthritis with rheumatoid factor of right wrist without organ or systems involvement	Diagnosis	ICD-10-CM
M05.732	Rheumatoid arthritis with rheumatoid factor of left wrist without organ or systems involvement	Diagnosis	ICD-10-CM
M05.739	Rheumatoid arthritis with rheumatoid factor of unspecified wrist without organ or systems involvement	Diagnosis	ICD-10-CM
M05.74	Rheumatoid arthritis with rheumatoid factor of hand without organ or systems involvement	Diagnosis	ICD-10-CM
M05.741	Rheumatoid arthritis with rheumatoid factor of right hand without organ or systems involvement	Diagnosis	ICD-10-CM
M05.742	Rheumatoid arthritis with rheumatoid factor of left hand without organ or systems involvement	Diagnosis	ICD-10-CM
M05.749	Rheumatoid arthritis with rheumatoid factor of unspecified hand without organ or systems involvement	Diagnosis	ICD-10-CM
M05.75	Rheumatoid arthritis with rheumatoid factor of hip without organ or systems involvement	Diagnosis	ICD-10-CM
M05.751	Rheumatoid arthritis with rheumatoid factor of right hip without organ or systems involvement	Diagnosis	ICD-10-CM
M05.752	Rheumatoid arthritis with rheumatoid factor of left hip without organ or systems involvement	Diagnosis	ICD-10-CM
M05.759	Rheumatoid arthritis with rheumatoid factor of unspecified hip without organ or systems involvement	Diagnosis	ICD-10-CM
M05.76	Rheumatoid arthritis with rheumatoid factor of knee without organ or systems involvement	Diagnosis	ICD-10-CM
M05.761	Rheumatoid arthritis with rheumatoid factor of right knee without organ or systems involvement	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
M05.762	Rheumatoid arthritis with rheumatoid factor of left knee without organ or systems involvement	Diagnosis	ICD-10-CM
M05.769	Rheumatoid arthritis with rheumatoid factor of unspecified knee without organ or systems involvement	Diagnosis	ICD-10-CM
M05.77	Rheumatoid arthritis with rheumatoid factor of ankle and foot without organ or systems involvement	Diagnosis	ICD-10-CM
M05.771	Rheumatoid arthritis with rheumatoid factor of right ankle and foot without organ or systems involvement	Diagnosis	ICD-10-CM
M05.772	Rheumatoid arthritis with rheumatoid factor of left ankle and foot without organ or systems involvement	Diagnosis	ICD-10-CM
M05.779	Rheumatoid arthritis with rheumatoid factor of unspecified ankle and foot without organ or systems involvement	Diagnosis	ICD-10-CM
M05.79	Rheumatoid arthritis with rheumatoid factor of multiple sites without organ or systems involvement	Diagnosis	ICD-10-CM
M05.8	Other rheumatoid arthritis with rheumatoid factor	Diagnosis	ICD-10-CM
M05.80	Other rheumatoid arthritis with rheumatoid factor of unspecified site	Diagnosis	ICD-10-CM
M05.81	Other rheumatoid arthritis with rheumatoid factor of shoulder	Diagnosis	ICD-10-CM
M05.811	Other rheumatoid arthritis with rheumatoid factor of right shoulder	Diagnosis	ICD-10-CM
M05.812	Other rheumatoid arthritis with rheumatoid factor of left shoulder	Diagnosis	ICD-10-CM
M05.819	Other rheumatoid arthritis with rheumatoid factor of unspecified shoulder	Diagnosis	ICD-10-CM
M05.82	Other rheumatoid arthritis with rheumatoid factor of elbow	Diagnosis	ICD-10-CM
M05.821	Other rheumatoid arthritis with rheumatoid factor of right elbow	Diagnosis	ICD-10-CM
M05.822	Other rheumatoid arthritis with rheumatoid factor of left elbow	Diagnosis	ICD-10-CM
M05.829	Other rheumatoid arthritis with rheumatoid factor of unspecified elbow	Diagnosis	ICD-10-CM
M05.83	Other rheumatoid arthritis with rheumatoid factor of wrist	Diagnosis	ICD-10-CM
M05.831	Other rheumatoid arthritis with rheumatoid factor of right wrist	Diagnosis	ICD-10-CM
M05.832	Other rheumatoid arthritis with rheumatoid factor of left wrist	Diagnosis	ICD-10-CM
M05.839	Other rheumatoid arthritis with rheumatoid factor of unspecified wrist	Diagnosis	ICD-10-CM
M05.84	Other rheumatoid arthritis with rheumatoid factor of hand	Diagnosis	ICD-10-CM
M05.841	Other rheumatoid arthritis with rheumatoid factor of right hand	Diagnosis	ICD-10-CM
M05.842	Other rheumatoid arthritis with rheumatoid factor of left hand	Diagnosis	ICD-10-CM
M05.849	Other rheumatoid arthritis with rheumatoid factor of unspecified hand	Diagnosis	ICD-10-CM
M05.85	Other rheumatoid arthritis with rheumatoid factor of hip	Diagnosis	ICD-10-CM
M05.851	Other rheumatoid arthritis with rheumatoid factor of right hip	Diagnosis	ICD-10-CM
M05.852	Other rheumatoid arthritis with rheumatoid factor of left hip	Diagnosis	ICD-10-CM
M05.859	Other rheumatoid arthritis with rheumatoid factor of unspecified hip	Diagnosis	ICD-10-CM
M05.86	Other rheumatoid arthritis with rheumatoid factor of knee	Diagnosis	ICD-10-CM
M05.861	Other rheumatoid arthritis with rheumatoid factor of right knee	Diagnosis	ICD-10-CM
M05.862	Other rheumatoid arthritis with rheumatoid factor of left knee	Diagnosis	ICD-10-CM
M05.869	Other rheumatoid arthritis with rheumatoid factor of unspecified knee	Diagnosis	ICD-10-CM
M05.87	Other rheumatoid arthritis with rheumatoid factor of ankle and foot	Diagnosis	ICD-10-CM
M05.871	Other rheumatoid arthritis with rheumatoid factor of right ankle and foot	Diagnosis	ICD-10-CM
M05.872	Other rheumatoid arthritis with rheumatoid factor of left ankle and foot	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
M05.879	Other rheumatoid arthritis with rheumatoid factor of unspecified ankle and foot	Diagnosis	ICD-10-CM
M05.89	Other rheumatoid arthritis with rheumatoid factor of multiple sites	Diagnosis	ICD-10-CM
M05.9	Rheumatoid arthritis with rheumatoid factor, unspecified	Diagnosis	ICD-10-CM
M06	Other rheumatoid arthritis	Diagnosis	ICD-10-CM
M07	Enteropathic arthropathies	Diagnosis	ICD-10-CM
M08	Juvenile arthritis	Diagnosis	ICD-10-CM
M10	Gout	Diagnosis	ICD-10-CM
M11	Other crystal arthropathies	Diagnosis	ICD-10-CM
M11.20	Other chondrocalcinosis, unspecified site	Diagnosis	ICD-10-CM
M11.219	Other chondrocalcinosis, unspecified shoulder	Diagnosis	ICD-10-CM
M11.229	Other chondrocalcinosis, unspecified elbow	Diagnosis	ICD-10-CM
M11.239	Other chondrocalcinosis, unspecified wrist	Diagnosis	ICD-10-CM
M11.249	Other chondrocalcinosis, unspecified hand	Diagnosis	ICD-10-CM
M11.259	Other chondrocalcinosis, unspecified hip	Diagnosis	ICD-10-CM
M11.269	Other chondrocalcinosis, unspecified knee	Diagnosis	ICD-10-CM
M11.279	Other chondrocalcinosis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M11.28	Other chondrocalcinosis, vertebrae	Diagnosis	ICD-10-CM
M11.29	Other chondrocalcinosis, multiple sites	Diagnosis	ICD-10-CM
M11.80	Other specified crystal arthropathies, unspecified site	Diagnosis	ICD-10-CM
M11.819	Other specified crystal arthropathies, unspecified shoulder	Diagnosis	ICD-10-CM
M11.829	Other specified crystal arthropathies, unspecified elbow	Diagnosis	ICD-10-CM
M11.839	Other specified crystal arthropathies, unspecified wrist	Diagnosis	ICD-10-CM
M11.849	Other specified crystal arthropathies, unspecified hand	Diagnosis	ICD-10-CM
M11.859	Other specified crystal arthropathies, unspecified hip	Diagnosis	ICD-10-CM
M11.869	Other specified crystal arthropathies, unspecified knee	Diagnosis	ICD-10-CM
M11.879	Other specified crystal arthropathies, unspecified ankle and foot	Diagnosis	ICD-10-CM
M11.88	Other specified crystal arthropathies, vertebrae	Diagnosis	ICD-10-CM
M11.89	Other specified crystal arthropathies, multiple sites	Diagnosis	ICD-10-CM
M12	Other and unspecified arthropathy	Diagnosis	ICD-10-CM
M12.10	Kaschin-Beck disease, unspecified site	Diagnosis	ICD-10-CM
M12.119	Kaschin-Beck disease, unspecified shoulder	Diagnosis	ICD-10-CM
M12.129	Kaschin-Beck disease, unspecified elbow	Diagnosis	ICD-10-CM
M12.139	Kaschin-Beck disease, unspecified wrist	Diagnosis	ICD-10-CM
M12.149	Kaschin-Beck disease, unspecified hand	Diagnosis	ICD-10-CM
M12.159	Kaschin-Beck disease, unspecified hip	Diagnosis	ICD-10-CM
M12.169	Kaschin-Beck disease, unspecified knee	Diagnosis	ICD-10-CM
M12.179	Kaschin-Beck disease, unspecified ankle and foot	Diagnosis	ICD-10-CM
M12.18	Kaschin-Beck disease, vertebrae	Diagnosis	ICD-10-CM
M12.19	Kaschin-Beck disease, multiple sites	Diagnosis	ICD-10-CM
M12.20	Villonodular synovitis (pigmented), unspecified site	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
M12.219	Villonodular synovitis (pigmented), unspecified shoulder	Diagnosis	ICD-10-CM
M12.229	Villonodular synovitis (pigmented), unspecified elbow	Diagnosis	ICD-10-CM
M12.239	Villonodular synovitis (pigmented), unspecified wrist	Diagnosis	ICD-10-CM
M12.249	Villonodular synovitis (pigmented), unspecified hand	Diagnosis	ICD-10-CM
M12.259	Villonodular synovitis (pigmented), unspecified hip	Diagnosis	ICD-10-CM
M12.269	Villonodular synovitis (pigmented), unspecified knee	Diagnosis	ICD-10-CM
M12.279	Villonodular synovitis (pigmented), unspecified ankle and foot	Diagnosis	ICD-10-CM
M12.28	Villonodular synovitis (pigmented), other specified site	Diagnosis	ICD-10-CM
M12.29	Villonodular synovitis (pigmented), multiple sites	Diagnosis	ICD-10-CM
M12.30	Palindromic rheumatism, unspecified site	Diagnosis	ICD-10-CM
M12.319	Palindromic rheumatism, unspecified shoulder	Diagnosis	ICD-10-CM
M12.329	Palindromic rheumatism, unspecified elbow	Diagnosis	ICD-10-CM
M12.339	Palindromic rheumatism, unspecified wrist	Diagnosis	ICD-10-CM
M12.349	Palindromic rheumatism, unspecified hand	Diagnosis	ICD-10-CM
M12.359	Palindromic rheumatism, unspecified hip	Diagnosis	ICD-10-CM
M12.369	Palindromic rheumatism, unspecified knee	Diagnosis	ICD-10-CM
M12.379	Palindromic rheumatism, unspecified ankle and foot	Diagnosis	ICD-10-CM
M12.38	Palindromic rheumatism, other specified site	Diagnosis	ICD-10-CM
M12.39	Palindromic rheumatism, multiple sites	Diagnosis	ICD-10-CM
M12.40	Intermittent hydrarthrosis, unspecified site	Diagnosis	ICD-10-CM
M12.419	Intermittent hydrarthrosis, unspecified shoulder	Diagnosis	ICD-10-CM
M12.429	Intermittent hydrarthrosis, unspecified elbow	Diagnosis	ICD-10-CM
M12.439	Intermittent hydrarthrosis, unspecified wrist	Diagnosis	ICD-10-CM
M12.449	Intermittent hydrarthrosis, unspecified hand	Diagnosis	ICD-10-CM
M12.459	Intermittent hydrarthrosis, unspecified hip	Diagnosis	ICD-10-CM
M12.469	Intermittent hydrarthrosis, unspecified knee	Diagnosis	ICD-10-CM
M12.479	Intermittent hydrarthrosis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M12.48	Intermittent hydrarthrosis, other site	Diagnosis	ICD-10-CM
M12.49	Intermittent hydrarthrosis, multiple sites	Diagnosis	ICD-10-CM
M12.50	Traumatic arthropathy, unspecified site	Diagnosis	ICD-10-CM
M12.519	Traumatic arthropathy, unspecified shoulder	Diagnosis	ICD-10-CM
M12.529	Traumatic arthropathy, unspecified elbow	Diagnosis	ICD-10-CM
M12.539	Traumatic arthropathy, unspecified wrist	Diagnosis	ICD-10-CM
M12.549	Traumatic arthropathy, unspecified hand	Diagnosis	ICD-10-CM
M12.559	Traumatic arthropathy, unspecified hip	Diagnosis	ICD-10-CM
M12.569	Traumatic arthropathy, unspecified knee	Diagnosis	ICD-10-CM
M12.579	Traumatic arthropathy, unspecified ankle and foot	Diagnosis	ICD-10-CM
M12.58	Traumatic arthropathy, other specified site	Diagnosis	ICD-10-CM
M12.59	Traumatic arthropathy, multiple sites	Diagnosis	ICD-10-CM
M12.80	Other specific arthropathies, not elsewhere classified, unspecified site	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
M12.819	Other specific arthropathies, not elsewhere classified, unspecified shoulder	Diagnosis	ICD-10-CM
M12.829	Other specific arthropathies, not elsewhere classified, unspecified elbow	Diagnosis	ICD-10-CM
M12.839	Other specific arthropathies, not elsewhere classified, unspecified wrist	Diagnosis	ICD-10-CM
M12.849	Other specific arthropathies, not elsewhere classified, unspecified hand	Diagnosis	ICD-10-CM
M12.859	Other specific arthropathies, not elsewhere classified, unspecified hip	Diagnosis	ICD-10-CM
M12.869	Other specific arthropathies, not elsewhere classified, unspecified knee	Diagnosis	ICD-10-CM
M12.879	Other specific arthropathies, not elsewhere classified, unspecified ankle and foot	Diagnosis	ICD-10-CM
M12.88	Other specific arthropathies, not elsewhere classified, other specified site	Diagnosis	ICD-10-CM
M12.89	Other specific arthropathies, not elsewhere classified, multiple sites	Diagnosis	ICD-10-CM
M12.9	Arthropathy, unspecified	Diagnosis	ICD-10-CM
M13	Other arthritis	Diagnosis	ICD-10-CM
M13.0	Polyarthritis, unspecified	Diagnosis	ICD-10-CM
M13.10	Monoarthritis, not elsewhere classified, unspecified site	Diagnosis	ICD-10-CM
M13.119	Monoarthritis, not elsewhere classified, unspecified shoulder	Diagnosis	ICD-10-CM
M13.129	Monoarthritis, not elsewhere classified, unspecified elbow	Diagnosis	ICD-10-CM
M13.139	Monoarthritis, not elsewhere classified, unspecified wrist	Diagnosis	ICD-10-CM
M13.149	Monoarthritis, not elsewhere classified, unspecified hand	Diagnosis	ICD-10-CM
M13.159	Monoarthritis, not elsewhere classified, unspecified hip	Diagnosis	ICD-10-CM
M13.169	Monoarthritis, not elsewhere classified, unspecified knee	Diagnosis	ICD-10-CM
M13.179	Monoarthritis, not elsewhere classified, unspecified ankle and foot	Diagnosis	ICD-10-CM
M13.80	Other specified arthritis, unspecified site	Diagnosis	ICD-10-CM
M13.819	Other specified arthritis, unspecified shoulder	Diagnosis	ICD-10-CM
M13.829	Other specified arthritis, unspecified elbow	Diagnosis	ICD-10-CM
M13.839	Other specified arthritis, unspecified wrist	Diagnosis	ICD-10-CM
M13.849	Other specified arthritis, unspecified hand	Diagnosis	ICD-10-CM
M13.859	Other specified arthritis, unspecified hip	Diagnosis	ICD-10-CM
M13.869	Other specified arthritis, unspecified knee	Diagnosis	ICD-10-CM
M13.879	Other specified arthritis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M13.88	Other specified arthritis, other site	Diagnosis	ICD-10-CM
M13.89	Other specified arthritis, multiple sites	Diagnosis	ICD-10-CM
M14	Arthropathies in other diseases classified elsewhere	Diagnosis	ICD-10-CM
M14.60	Charcot's joint, unspecified site	Diagnosis	ICD-10-CM
M14.80	Arthropathies in other specified diseases classified elsewhere, unspecified site	Diagnosis	ICD-10-CM
M15.0	Primary generalized (osteo)arthritis	Diagnosis	ICD-10-CM
M15.1	Heberden's nodes (with arthropathy)	Diagnosis	ICD-10-CM
M15.2	Bouchard's nodes (with arthropathy)	Diagnosis	ICD-10-CM
M15.3	Secondary multiple arthritis	Diagnosis	ICD-10-CM
M15.4	Erosive (osteo)arthritis	Diagnosis	ICD-10-CM
M15.8	Other polyosteoarthritis	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
M15.9	Polyosteoarthritis, unspecified	Diagnosis	ICD-10-CM
M16.0	Bilateral primary osteoarthritis of hip	Diagnosis	ICD-10-CM
M16.10	Unilateral primary osteoarthritis, unspecified hip	Diagnosis	ICD-10-CM
M16.11	Unilateral primary osteoarthritis, right hip	Diagnosis	ICD-10-CM
M16.12	Unilateral primary osteoarthritis, left hip	Diagnosis	ICD-10-CM
M16.2	Bilateral osteoarthritis resulting from hip dysplasia	Diagnosis	ICD-10-CM
M16.30	Unilateral osteoarthritis resulting from hip dysplasia, unspecified hip	Diagnosis	ICD-10-CM
M16.31	Unilateral osteoarthritis resulting from hip dysplasia, right hip	Diagnosis	ICD-10-CM
M16.32	Unilateral osteoarthritis resulting from hip dysplasia, left hip	Diagnosis	ICD-10-CM
M16.4	Bilateral post-traumatic osteoarthritis of hip	Diagnosis	ICD-10-CM
M16.50	Unilateral post-traumatic osteoarthritis, unspecified hip	Diagnosis	ICD-10-CM
M16.51	Unilateral post-traumatic osteoarthritis, right hip	Diagnosis	ICD-10-CM
M16.52	Unilateral post-traumatic osteoarthritis, left hip	Diagnosis	ICD-10-CM
M16.6	Other bilateral secondary osteoarthritis of hip	Diagnosis	ICD-10-CM
M16.7	Other unilateral secondary osteoarthritis of hip	Diagnosis	ICD-10-CM
M16.9	Osteoarthritis of hip, unspecified	Diagnosis	ICD-10-CM
M17.0	Bilateral primary osteoarthritis of knee	Diagnosis	ICD-10-CM
M17.10	Unilateral primary osteoarthritis, unspecified knee	Diagnosis	ICD-10-CM
M17.11	Unilateral primary osteoarthritis, right knee	Diagnosis	ICD-10-CM
M17.12	Unilateral primary osteoarthritis, left knee	Diagnosis	ICD-10-CM
M17.2	Bilateral post-traumatic osteoarthritis of knee	Diagnosis	ICD-10-CM
M17.30	Unilateral post-traumatic osteoarthritis, unspecified knee	Diagnosis	ICD-10-CM
M17.31	Unilateral post-traumatic osteoarthritis, right knee	Diagnosis	ICD-10-CM
M17.32	Unilateral post-traumatic osteoarthritis, left knee	Diagnosis	ICD-10-CM
M17.4	Other bilateral secondary osteoarthritis of knee	Diagnosis	ICD-10-CM
M17.5	Other unilateral secondary osteoarthritis of knee	Diagnosis	ICD-10-CM
M17.9	Osteoarthritis of knee, unspecified	Diagnosis	ICD-10-CM
M18.0	Bilateral primary osteoarthritis of first carpometacarpal joints	Diagnosis	ICD-10-CM
M18.10	Unilateral primary osteoarthritis of first carpometacarpal joint, unspecified hand	Diagnosis	ICD-10-CM
M18.11	Unilateral primary osteoarthritis of first carpometacarpal joint, right hand	Diagnosis	ICD-10-CM
M18.12	Unilateral primary osteoarthritis of first carpometacarpal joint, left hand	Diagnosis	ICD-10-CM
M18.2	Bilateral post-traumatic osteoarthritis of first carpometacarpal joints	Diagnosis	ICD-10-CM
M18.30	Unilateral post-traumatic osteoarthritis of first carpometacarpal joint, unspecified hand	Diagnosis	ICD-10-CM
M18.31	Unilateral post-traumatic osteoarthritis of first carpometacarpal joint, right hand	Diagnosis	ICD-10-CM
M18.32	Unilateral post-traumatic osteoarthritis of first carpometacarpal joint, left hand	Diagnosis	ICD-10-CM
M18.4	Other bilateral secondary osteoarthritis of first carpometacarpal joints	Diagnosis	ICD-10-CM
M18.50	Other unilateral secondary osteoarthritis of first carpometacarpal joint, unspecified hand	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
M18.51	Other unilateral secondary osteoarthritis of first carpometacarpal joint, right hand	Diagnosis	ICD-10-CM
M18.52	Other unilateral secondary osteoarthritis of first carpometacarpal joint, left hand	Diagnosis	ICD-10-CM
M18.9	Osteoarthritis of first carpometacarpal joint, unspecified	Diagnosis	ICD-10-CM
M19.0	Primary osteoarthritis of other joints	Diagnosis	ICD-10-CM
M19.01	Primary osteoarthritis, shoulder	Diagnosis	ICD-10-CM
M19.011	Primary osteoarthritis, right shoulder	Diagnosis	ICD-10-CM
M19.012	Primary osteoarthritis, left shoulder	Diagnosis	ICD-10-CM
M19.019	Primary osteoarthritis, unspecified shoulder	Diagnosis	ICD-10-CM
M19.02	Primary osteoarthritis, elbow	Diagnosis	ICD-10-CM
M19.021	Primary osteoarthritis, right elbow	Diagnosis	ICD-10-CM
M19.022	Primary osteoarthritis, left elbow	Diagnosis	ICD-10-CM
M19.029	Primary osteoarthritis, unspecified elbow	Diagnosis	ICD-10-CM
M19.03	Primary osteoarthritis, wrist	Diagnosis	ICD-10-CM
M19.031	Primary osteoarthritis, right wrist	Diagnosis	ICD-10-CM
M19.032	Primary osteoarthritis, left wrist	Diagnosis	ICD-10-CM
M19.039	Primary osteoarthritis, unspecified wrist	Diagnosis	ICD-10-CM
M19.04	Primary osteoarthritis, hand	Diagnosis	ICD-10-CM
M19.041	Primary osteoarthritis, right hand	Diagnosis	ICD-10-CM
M19.042	Primary osteoarthritis, left hand	Diagnosis	ICD-10-CM
M19.049	Primary osteoarthritis, unspecified hand	Diagnosis	ICD-10-CM
M19.07	Primary osteoarthritis ankle and foot	Diagnosis	ICD-10-CM
M19.071	Primary osteoarthritis, right ankle and foot	Diagnosis	ICD-10-CM
M19.072	Primary osteoarthritis, left ankle and foot	Diagnosis	ICD-10-CM
M19.079	Primary osteoarthritis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M19.1	Post-traumatic osteoarthritis of other joints	Diagnosis	ICD-10-CM
M19.11	Post-traumatic osteoarthritis, shoulder	Diagnosis	ICD-10-CM
M19.111	Post-traumatic osteoarthritis, right shoulder	Diagnosis	ICD-10-CM
M19.112	Post-traumatic osteoarthritis, left shoulder	Diagnosis	ICD-10-CM
M19.119	Post-traumatic osteoarthritis, unspecified shoulder	Diagnosis	ICD-10-CM
M19.12	Post-traumatic osteoarthritis, elbow	Diagnosis	ICD-10-CM
M19.121	Post-traumatic osteoarthritis, right elbow	Diagnosis	ICD-10-CM
M19.122	Post-traumatic osteoarthritis, left elbow	Diagnosis	ICD-10-CM
M19.129	Post-traumatic osteoarthritis, unspecified elbow	Diagnosis	ICD-10-CM
M19.13	Post-traumatic osteoarthritis, wrist	Diagnosis	ICD-10-CM
M19.131	Post-traumatic osteoarthritis, right wrist	Diagnosis	ICD-10-CM
M19.132	Post-traumatic osteoarthritis, left wrist	Diagnosis	ICD-10-CM
M19.139	Post-traumatic osteoarthritis, unspecified wrist	Diagnosis	ICD-10-CM
M19.14	Post-traumatic osteoarthritis, hand	Diagnosis	ICD-10-CM
M19.141	Post-traumatic osteoarthritis, right hand	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
M19.142	Post-traumatic osteoarthritis, left hand	Diagnosis	ICD-10-CM
M19.149	Post-traumatic osteoarthritis, unspecified hand	Diagnosis	ICD-10-CM
M19.17	Post-traumatic osteoarthritis, ankle and foot	Diagnosis	ICD-10-CM
M19.171	Post-traumatic osteoarthritis, right ankle and foot	Diagnosis	ICD-10-CM
M19.172	Post-traumatic osteoarthritis, left ankle and foot	Diagnosis	ICD-10-CM
M19.179	Post-traumatic osteoarthritis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M19.2	Secondary osteoarthritis of other joints	Diagnosis	ICD-10-CM
M19.21	Secondary osteoarthritis, shoulder	Diagnosis	ICD-10-CM
M19.211	Secondary osteoarthritis, right shoulder	Diagnosis	ICD-10-CM
M19.212	Secondary osteoarthritis, left shoulder	Diagnosis	ICD-10-CM
M19.219	Secondary osteoarthritis, unspecified shoulder	Diagnosis	ICD-10-CM
M19.22	Secondary osteoarthritis, elbow	Diagnosis	ICD-10-CM
M19.221	Secondary osteoarthritis, right elbow	Diagnosis	ICD-10-CM
M19.222	Secondary osteoarthritis, left elbow	Diagnosis	ICD-10-CM
M19.229	Secondary osteoarthritis, unspecified elbow	Diagnosis	ICD-10-CM
M19.23	Secondary osteoarthritis, wrist	Diagnosis	ICD-10-CM
M19.231	Secondary osteoarthritis, right wrist	Diagnosis	ICD-10-CM
M19.232	Secondary osteoarthritis, left wrist	Diagnosis	ICD-10-CM
M19.239	Secondary osteoarthritis, unspecified wrist	Diagnosis	ICD-10-CM
M19.24	Secondary osteoarthritis, hand	Diagnosis	ICD-10-CM
M19.241	Secondary osteoarthritis, right hand	Diagnosis	ICD-10-CM
M19.242	Secondary osteoarthritis, left hand	Diagnosis	ICD-10-CM
M19.249	Secondary osteoarthritis, unspecified hand	Diagnosis	ICD-10-CM
M19.27	Secondary osteoarthritis, ankle and foot	Diagnosis	ICD-10-CM
M19.271	Secondary osteoarthritis, right ankle and foot	Diagnosis	ICD-10-CM
M19.272	Secondary osteoarthritis, left ankle and foot	Diagnosis	ICD-10-CM
M19.279	Secondary osteoarthritis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M19.90	Unspecified osteoarthritis, unspecified site	Diagnosis	ICD-10-CM
M19.91	Primary osteoarthritis, unspecified site	Diagnosis	ICD-10-CM
M19.92	Post-traumatic osteoarthritis, unspecified site	Diagnosis	ICD-10-CM
M19.93	Secondary osteoarthritis, unspecified site	Diagnosis	ICD-10-CM
M1A	Chronic gout	Diagnosis	ICD-10-CM
M20.10	Hallux valgus (acquired), unspecified foot	Diagnosis	ICD-10-CM
M21.611	Bunion of right foot	Diagnosis	ICD-10-CM
M21.612	Bunion of left foot	Diagnosis	ICD-10-CM
M21.619	Bunion of unspecified foot	Diagnosis	ICD-10-CM
M21.621	Bunionette of right foot	Diagnosis	ICD-10-CM
M21.622	Bunionette of left foot	Diagnosis	ICD-10-CM
M21.629	Bunionette of unspecified foot	Diagnosis	ICD-10-CM
M25.10	Fistula, unspecified joint	Diagnosis	ICD-10-CM
M25.119	Fistula, unspecified shoulder	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
M25.129	Fistula, unspecified elbow	Diagnosis	ICD-10-CM
M25.139	Fistula, unspecified wrist	Diagnosis	ICD-10-CM
M25.149	Fistula, unspecified hand	Diagnosis	ICD-10-CM
M25.159	Fistula, unspecified hip	Diagnosis	ICD-10-CM
M25.169	Fistula, unspecified knee	Diagnosis	ICD-10-CM
M25.173	Fistula, unspecified ankle	Diagnosis	ICD-10-CM
M25.176	Fistula, unspecified foot	Diagnosis	ICD-10-CM
M25.18	Fistula, other specified site	Diagnosis	ICD-10-CM
M25.40	Effusion, unspecified joint	Diagnosis	ICD-10-CM
M25.419	Effusion, unspecified shoulder	Diagnosis	ICD-10-CM
M25.429	Effusion, unspecified elbow	Diagnosis	ICD-10-CM
M25.439	Effusion, unspecified wrist	Diagnosis	ICD-10-CM
M25.449	Effusion, unspecified hand	Diagnosis	ICD-10-CM
M25.459	Effusion, unspecified hip	Diagnosis	ICD-10-CM
M25.469	Effusion, unspecified knee	Diagnosis	ICD-10-CM
M25.47	Effusion, ankle and foot	Diagnosis	ICD-10-CM
M25.48	Effusion, other site	Diagnosis	ICD-10-CM
M25.50	Pain in unspecified joint	Diagnosis	ICD-10-CM
M25.511	Pain in right shoulder	Diagnosis	ICD-10-CM
M25.512	Pain in left shoulder	Diagnosis	ICD-10-CM
M25.519	Pain in unspecified shoulder	Diagnosis	ICD-10-CM
M25.529	Pain in unspecified elbow	Diagnosis	ICD-10-CM
M25.539	Pain in unspecified wrist	Diagnosis	ICD-10-CM
M25.549	Pain in joints of unspecified hand	Diagnosis	ICD-10-CM
M25.551	Pain in right hip	Diagnosis	ICD-10-CM
M25.552	Pain in left hip	Diagnosis	ICD-10-CM
M25.559	Pain in unspecified hip	Diagnosis	ICD-10-CM
M25.561	Pain in right knee	Diagnosis	ICD-10-CM
M25.562	Pain in left knee	Diagnosis	ICD-10-CM
M25.569	Pain in unspecified knee	Diagnosis	ICD-10-CM
M25.571	Pain in right ankle and joints of right foot	Diagnosis	ICD-10-CM
M25.572	Pain in left ankle and joints of left foot	Diagnosis	ICD-10-CM
M25.579	Pain in unspecified ankle and joints of unspecified foot	Diagnosis	ICD-10-CM
M25.59	Pain in other specified joint	Diagnosis	ICD-10-CM
M25.60	Stiffness of unspecified joint, not elsewhere classified	Diagnosis	ICD-10-CM
M25.619	Stiffness of unspecified shoulder, not elsewhere classified	Diagnosis	ICD-10-CM
M25.629	Stiffness of unspecified elbow, not elsewhere classified	Diagnosis	ICD-10-CM
M25.639	Stiffness of unspecified wrist, not elsewhere classified	Diagnosis	ICD-10-CM
M25.649	Stiffness of unspecified hand, not elsewhere classified	Diagnosis	ICD-10-CM
M25.659	Stiffness of unspecified hip, not elsewhere classified	Diagnosis	ICD-10-CM
M25.669	Stiffness of unspecified knee, not elsewhere classified	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
M25.67	Stiffness of ankle and foot, not elsewhere classified	Diagnosis	ICD-10-CM
M25.69	Stiffness of other specified joint, not elsewhere classified	Diagnosis	ICD-10-CM
M25.80	Other specified joint disorders, unspecified joint	Diagnosis	ICD-10-CM
M25.819	Other specified joint disorders, unspecified shoulder	Diagnosis	ICD-10-CM
M25.829	Other specified joint disorders, unspecified elbow	Diagnosis	ICD-10-CM
M25.839	Other specified joint disorders, unspecified wrist	Diagnosis	ICD-10-CM
M25.849	Other specified joint disorders, unspecified hand	Diagnosis	ICD-10-CM
M25.859	Other specified joint disorders, unspecified hip	Diagnosis	ICD-10-CM
M25.869	Other specified joint disorders, unspecified knee	Diagnosis	ICD-10-CM
M25.879	Other specified joint disorders, unspecified ankle and foot	Diagnosis	ICD-10-CM
M25.9	Joint disorder, unspecified	Diagnosis	ICD-10-CM
M30.0	Polyarteritis nodosa	Diagnosis	ICD-10-CM
M30.1	Polyarteritis with lung involvement [Churg-Strauss]	Diagnosis	ICD-10-CM
M30.2	Juvenile polyarteritis	Diagnosis	ICD-10-CM
M30.3	Mucocutaneous lymph node syndrome [Kawasaki]	Diagnosis	ICD-10-CM
M30.8	Other conditions related to polyarteritis nodosa	Diagnosis	ICD-10-CM
M32.10	Systemic lupus erythematosus, organ or system involvement unspecified	Diagnosis	ICD-10-CM
M33.20	Polymyositis, organ involvement unspecified	Diagnosis	ICD-10-CM
M33.90	Dermatopolymyositis, unspecified, organ involvement unspecified	Diagnosis	ICD-10-CM
M34.0	Progressive systemic sclerosis	Diagnosis	ICD-10-CM
M34.1	CR(E)ST syndrome	Diagnosis	ICD-10-CM
M34.9	Systemic sclerosis, unspecified	Diagnosis	ICD-10-CM
M35.00	Sjogren syndrome, unspecified	Diagnosis	ICD-10-CM
M35.01	Sjogren syndrome with keratoconjunctivitis	Diagnosis	ICD-10-CM
M35.2	Behcet's disease	Diagnosis	ICD-10-CM
M35.3	Polymyalgia rheumatica	Diagnosis	ICD-10-CM
M35.5	Multifocal fibrosclerosis	Diagnosis	ICD-10-CM
M35.8	Other specified systemic involvement of connective tissue	Diagnosis	ICD-10-CM
M35.9	Systemic involvement of connective tissue, unspecified	Diagnosis	ICD-10-CM
M36.2	Hemophilic arthropathy	Diagnosis	ICD-10-CM
M36.3	Arthropathy in other blood disorders	Diagnosis	ICD-10-CM
M36.4	Arthropathy in hypersensitivity reactions classified elsewhere	Diagnosis	ICD-10-CM
M45.9	Ankylosing spondylitis of unspecified sites in spine	Diagnosis	ICD-10-CM
M46.00	Spinal enthesopathy, site unspecified	Diagnosis	ICD-10-CM
M46.1	Sacroiliitis, not elsewhere classified	Diagnosis	ICD-10-CM
M46.80	Other specified inflammatory spondylopathies, site unspecified	Diagnosis	ICD-10-CM
M46.90	Unspecified inflammatory spondylopathy, site unspecified	Diagnosis	ICD-10-CM
M47.1	Other spondylosis with myelopathy	Diagnosis	ICD-10-CM
M47.10	Other spondylosis with myelopathy, site unspecified	Diagnosis	ICD-10-CM
M47.12	Other spondylosis with myelopathy, cervical region	Diagnosis	ICD-10-CM
M47.14	Other spondylosis with myelopathy, thoracic region	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
M47.16	Other spondylosis with myelopathy, lumbar region	Diagnosis	ICD-10-CM
M47.2	Other spondylosis with radiculopathy	Diagnosis	ICD-10-CM
M47.812	Spondylosis without myelopathy or radiculopathy, cervical region	Diagnosis	ICD-10-CM
M47.814	Spondylosis without myelopathy or radiculopathy, thoracic region	Diagnosis	ICD-10-CM
M47.817	Spondylosis without myelopathy or radiculopathy, lumbosacral region	Diagnosis	ICD-10-CM
M47.819	Spondylosis without myelopathy or radiculopathy, site unspecified	Diagnosis	ICD-10-CM
M48.0	Spinal stenosis	Diagnosis	ICD-10-CM
M48.10	Ankylosing hyperostosis [Forestier], site unspecified	Diagnosis	ICD-10-CM
M48.20	Kissing spine, site unspecified	Diagnosis	ICD-10-CM
M48.30	Traumatic spondylopathy, site unspecified	Diagnosis	ICD-10-CM
M48.9	Spondylopathy, unspecified	Diagnosis	ICD-10-CM
M49.80	Spondylopathy in diseases classified elsewhere, site unspecified	Diagnosis	ICD-10-CM
M50.0	Cervical disc disorder with myelopathy	Diagnosis	ICD-10-CM
M50.1	Cervical disc disorder with radiculopathy	Diagnosis	ICD-10-CM
M50.2	Other cervical disc displacement	Diagnosis	ICD-10-CM
M51.0	Thoracic, thoracolumbar and lumbosacral intervertebral disc disorders with myelopathy	Diagnosis	ICD-10-CM
M51.1	Thoracic, thoracolumbar and lumbosacral intervertebral disc disorders with radiculopathy	Diagnosis	ICD-10-CM
M51.14	Intervertebral disc disorders with radiculopathy, thoracic region	Diagnosis	ICD-10-CM
M51.15	Intervertebral disc disorders with radiculopathy, thoracolumbar region	Diagnosis	ICD-10-CM
M51.16	Intervertebral disc disorders with radiculopathy, lumbar region	Diagnosis	ICD-10-CM
M51.17	Intervertebral disc disorders with radiculopathy, lumbosacral region	Diagnosis	ICD-10-CM
M51.2	Other thoracic, thoracolumbar and lumbosacral intervertebral disc displacement	Diagnosis	ICD-10-CM
M54.1	Radiculopathy	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
M54.2	Cervicalgia	Diagnosis	ICD-10-CM
M54.3	Sciatica	Diagnosis	ICD-10-CM
M54.4	Lumbago with sciatica	Diagnosis	ICD-10-CM
M54.5	Low back pain	Diagnosis	ICD-10-CM
M54.50	Low back pain, unspecified	Diagnosis	ICD-10-CM
M54.51	Vertebrogenic low back pain	Diagnosis	ICD-10-CM
M54.59	Other low back pain	Diagnosis	ICD-10-CM
M54.81	Occipital neuralgia	Diagnosis	ICD-10-CM
M60.009	Infective myositis, unspecified site	Diagnosis	ICD-10-CM
M60.10	Interstitial myositis of unspecified site	Diagnosis	ICD-10-CM
M60.20	Foreign body granuloma of soft tissue, not elsewhere classified, unspecified site	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
M60.9	Myositis, unspecified	Diagnosis	ICD-10-CM
M61.00	Myositis ossificans traumatica, unspecified site	Diagnosis	ICD-10-CM
M61.10	Myositis ossificans progressiva, unspecified site	Diagnosis	ICD-10-CM
M61.40	Other calcification of muscle, unspecified site	Diagnosis	ICD-10-CM
M61.59	Other ossification of muscle, multiple sites	Diagnosis	ICD-10-CM
M61.9	Calcification and ossification of muscle, unspecified	Diagnosis	ICD-10-CM
M62.00	Separation of muscle (nontraumatic), unspecified site	Diagnosis	ICD-10-CM
M62.10	Other rupture of muscle (nontraumatic), unspecified site	Diagnosis	ICD-10-CM
M62.3	Immobility syndrome (paraplegic)	Diagnosis	ICD-10-CM
M62.40	Contracture of muscle, unspecified site	Diagnosis	ICD-10-CM
M62.50	Muscle wasting and atrophy, not elsewhere classified, unspecified site	Diagnosis	ICD-10-CM
M62.81	Muscle weakness (generalized)	Diagnosis	ICD-10-CM
M62.82	Rhabdomyolysis	Diagnosis	ICD-10-CM
M62.838	Other muscle spasm	Diagnosis	ICD-10-CM
M62.84	Sarcopenia	Diagnosis	ICD-10-CM
M62.89	Other specified disorders of muscle	Diagnosis	ICD-10-CM
M62.9	Disorder of muscle, unspecified	Diagnosis	ICD-10-CM
M65.00	Abscess of tendon sheath, unspecified site	Diagnosis	ICD-10-CM
M65.20	Calcific tendinitis, unspecified site	Diagnosis	ICD-10-CM
M65.30	Trigger finger, unspecified finger	Diagnosis	ICD-10-CM
M65.4	Radial styloid tenosynovitis [de Quervain]	Diagnosis	ICD-10-CM
M65.80	Other synovitis and tenosynovitis, unspecified site	Diagnosis	ICD-10-CM
M65.849	Other synovitis and tenosynovitis, unspecified hand	Diagnosis	ICD-10-CM
M65.879	Other synovitis and tenosynovitis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M65.9	Synovitis and tenosynovitis, unspecified	Diagnosis	ICD-10-CM
M66.10	Rupture of synovium, unspecified joint	Diagnosis	ICD-10-CM
M66.18	Rupture of synovium, other site	Diagnosis	ICD-10-CM
M66.239	Spontaneous rupture of extensor tendons, unspecified forearm	Diagnosis	ICD-10-CM
M66.249	Spontaneous rupture of extensor tendons, unspecified hand	Diagnosis	ICD-10-CM
M66.259	Spontaneous rupture of extensor tendons, unspecified thigh	Diagnosis	ICD-10-CM
M66.269	Spontaneous rupture of extensor tendons, unspecified lower leg	Diagnosis	ICD-10-CM
M66.339	Spontaneous rupture of flexor tendons, unspecified forearm	Diagnosis	ICD-10-CM
M66.349	Spontaneous rupture of flexor tendons, unspecified hand	Diagnosis	ICD-10-CM
M66.369	Spontaneous rupture of flexor tendons, unspecified lower leg	Diagnosis	ICD-10-CM
M66.829	Spontaneous rupture of other tendons, unspecified upper arm	Diagnosis	ICD-10-CM
M66.879	Spontaneous rupture of other tendons, unspecified ankle and foot	Diagnosis	ICD-10-CM
M66.88	Spontaneous rupture of other tendons, other sites	Diagnosis	ICD-10-CM
M66.9	Spontaneous rupture of unspecified tendon	Diagnosis	ICD-10-CM
M67	Other disorders of synovium and tendon	Diagnosis	ICD-10-CM
M67.00	Short Achilles tendon (acquired), unspecified ankle	Diagnosis	ICD-10-CM
M67.40	Ganglion, unspecified site	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
M67.419	Ganglion, unspecified shoulder	Diagnosis	ICD-10-CM
M67.429	Ganglion, unspecified elbow	Diagnosis	ICD-10-CM
M67.439	Ganglion, unspecified wrist	Diagnosis	ICD-10-CM
M67.449	Ganglion, unspecified hand	Diagnosis	ICD-10-CM
M67.459	Ganglion, unspecified hip	Diagnosis	ICD-10-CM
M67.469	Ganglion, unspecified knee	Diagnosis	ICD-10-CM
M67.50	Plica syndrome, unspecified knee	Diagnosis	ICD-10-CM
M67.80	Other specified disorders of synovium and tendon, unspecified site	Diagnosis	ICD-10-CM
M67.88	Other specified disorders of synovium and tendon, other site	Diagnosis	ICD-10-CM
M67.90	Unspecified disorder of synovium and tendon, unspecified site	Diagnosis	ICD-10-CM
M70.039	Crepitant synovitis (acute) (chronic), unspecified wrist	Diagnosis	ICD-10-CM
M70.30	Other bursitis of elbow, unspecified elbow	Diagnosis	ICD-10-CM
M70.40	Prepatellar bursitis, unspecified knee	Diagnosis	ICD-10-CM
M71.00	Abscess of bursa, unspecified site	Diagnosis	ICD-10-CM
M71.30	Other bursal cyst, unspecified site	Diagnosis	ICD-10-CM
M71.40	Calcium deposit in bursa, unspecified site	Diagnosis	ICD-10-CM
M71.50	Other bursitis, not elsewhere classified, unspecified site	Diagnosis	ICD-10-CM
M71.80	Other specified bursopathies, unspecified site	Diagnosis	ICD-10-CM
M71.9	Bursopathy, unspecified	Diagnosis	ICD-10-CM
M72.0	Palmar fascial fibromatosis [Dupuytren]	Diagnosis	ICD-10-CM
M72.1	Knuckle pads	Diagnosis	ICD-10-CM
M72.2	Plantar fascial fibromatosis	Diagnosis	ICD-10-CM
M72.4	Pseudosarcomatous fibromatosis	Diagnosis	ICD-10-CM
M72.6	Necrotizing fasciitis	Diagnosis	ICD-10-CM
M72.9	Fibroblastic disorder, unspecified	Diagnosis	ICD-10-CM
M75.120	Complete rotator cuff tear or rupture of unspecified shoulder, not specified as traumatic	Diagnosis	ICD-10-CM
M77.20	Periarthritis, unspecified wrist	Diagnosis	ICD-10-CM
M79.1	Myalgia	Diagnosis	ICD-10-CM
M79.601	Pain in right arm	Diagnosis	ICD-10-CM
M79.602	Pain in left arm	Diagnosis	ICD-10-CM
M79.603	Pain in arm, unspecified	Diagnosis	ICD-10-CM
M79.604	Pain in right leg	Diagnosis	ICD-10-CM
M79.605	Pain in left leg	Diagnosis	ICD-10-CM
M79.606	Pain in leg, unspecified	Diagnosis	ICD-10-CM
M79.609	Pain in unspecified limb	Diagnosis	ICD-10-CM
M79.621	Pain in right upper arm	Diagnosis	ICD-10-CM
M79.622	Pain in left upper arm	Diagnosis	ICD-10-CM
M79.629	Pain in unspecified upper arm	Diagnosis	ICD-10-CM
M79.631	Pain in right forearm	Diagnosis	ICD-10-CM
M79.632	Pain in left forearm	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
M79.639	Pain in unspecified forearm	Diagnosis	ICD-10-CM
M79.641	Pain in right hand	Diagnosis	ICD-10-CM
M79.642	Pain in left hand	Diagnosis	ICD-10-CM
M79.643	Pain in unspecified hand	Diagnosis	ICD-10-CM
M79.644	Pain in right finger(s)	Diagnosis	ICD-10-CM
M79.645	Pain in left finger(s)	Diagnosis	ICD-10-CM
M79.646	Pain in unspecified finger(s)	Diagnosis	ICD-10-CM
M79.651	Pain in right thigh	Diagnosis	ICD-10-CM
M79.652	Pain in left thigh	Diagnosis	ICD-10-CM
M79.659	Pain in unspecified thigh	Diagnosis	ICD-10-CM
M79.661	Pain in right lower leg	Diagnosis	ICD-10-CM
M79.671	Pain in right foot	Diagnosis	ICD-10-CM
M79.672	Pain in left foot	Diagnosis	ICD-10-CM
M79.673	Pain in unspecified foot	Diagnosis	ICD-10-CM
M79.674	Pain in right toe(s)	Diagnosis	ICD-10-CM
M79.675	Pain in left toe(s)	Diagnosis	ICD-10-CM
M79.676	Pain in unspecified toe(s)	Diagnosis	ICD-10-CM
M79.7	Fibromyalgia	Diagnosis	ICD-10-CM
R26.2	Difficulty in walking, not elsewhere classified	Diagnosis	ICD-10-CM
R29.898	Other symptoms and signs involving the musculoskeletal system	Diagnosis	ICD-10-CM
Chronic Respiratory Diseases			
B44.81	Allergic bronchopulmonary aspergillosis	Diagnosis	ICD-10-CM
G47.34	Idiopathic sleep related nonobstructive alveolar hypoventilation	Diagnosis	ICD-10-CM
G47.36	Sleep related hypoventilation in conditions classified elsewhere	Diagnosis	ICD-10-CM
G47.39	Other sleep apnea	Diagnosis	ICD-10-CM
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
I27.0	Pulmonary hypertension	Diagnosis	ICD-10-CM
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

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
J42	Unspecified chronic bronchitis	Diagnosis	ICD-10-CM
J43	Emphysema	Diagnosis	ICD-10-CM
J43.0	Unilateral pulmonary emphysema [MacLeod's syndrome]	Diagnosis	ICD-10-CM
J43.1	Panlobular emphysema	Diagnosis	ICD-10-CM
J43.2	Centrilobular emphysema	Diagnosis	ICD-10-CM
J43.8	Other emphysema	Diagnosis	ICD-10-CM
J43.9	Emphysema, unspecified	Diagnosis	ICD-10-CM
J44	Other chronic obstructive pulmonary disease	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
J45	Asthma	Diagnosis	ICD-10-CM
J45.2	Mild intermittent asthma	Diagnosis	ICD-10-CM
J45.20	Mild intermittent asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.21	Mild intermittent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.22	Mild intermittent asthma with status asthmaticus	Diagnosis	ICD-10-CM
J45.3	Mild persistent asthma	Diagnosis	ICD-10-CM
J45.30	Mild persistent asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.31	Mild persistent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.32	Mild persistent asthma with status asthmaticus	Diagnosis	ICD-10-CM
J45.4	Moderate persistent asthma	Diagnosis	ICD-10-CM
J45.40	Moderate persistent asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.41	Moderate persistent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.42	Moderate persistent asthma with status asthmaticus	Diagnosis	ICD-10-CM
J45.5	Severe persistent asthma	Diagnosis	ICD-10-CM
J45.50	Severe persistent asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.51	Severe persistent asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.52	Severe persistent asthma with status asthmaticus	Diagnosis	ICD-10-CM
J45.9	Other and unspecified asthma	Diagnosis	ICD-10-CM
J45.90	Unspecified asthma	Diagnosis	ICD-10-CM
J45.901	Unspecified asthma with (acute) exacerbation	Diagnosis	ICD-10-CM
J45.902	Unspecified asthma with status asthmaticus	Diagnosis	ICD-10-CM
J45.909	Unspecified asthma, uncomplicated	Diagnosis	ICD-10-CM
J45.99	Other asthma	Diagnosis	ICD-10-CM
J45.990	Exercise induced bronchospasm	Diagnosis	ICD-10-CM
J45.991	Cough variant asthma	Diagnosis	ICD-10-CM
J45.998	Other asthma	Diagnosis	ICD-10-CM
J470	Bronchiectasis with acute lower respiratory infection	Diagnosis	ICD-10-CM
J471	Bronchiectasis with (acute) exacerbation	Diagnosis	ICD-10-CM
J479	Bronchiectasis, uncomplicated	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
J61	Pneumoconiosis due to asbestos and other mineral fibers	Diagnosis	ICD-10-CM
J62	Pneumoconiosis due to dust containing silica	Diagnosis	ICD-10-CM
J62.8	Pneumoconiosis due to other dust containing silica	Diagnosis	ICD-10-CM
J63	Pneumoconiosis due to other inorganic dusts	Diagnosis	ICD-10-CM
J63.6	Pneumoconiosis due to other specified inorganic dusts	Diagnosis	ICD-10-CM
J66.0	Byssinosis	Diagnosis	ICD-10-CM
J66.1	Flax-dressers' disease	Diagnosis	ICD-10-CM
J66.2	Cannabinosis	Diagnosis	ICD-10-CM
J66.8	Airway disease due to other specific organic dusts	Diagnosis	ICD-10-CM
J67.0	Farmer's lung	Diagnosis	ICD-10-CM
J67.1	Bagassosis	Diagnosis	ICD-10-CM
J67.2	Bird fancier's lung	Diagnosis	ICD-10-CM
J67.3	Suberosis	Diagnosis	ICD-10-CM
J67.4	Maltworker's lung	Diagnosis	ICD-10-CM
J67.5	Mushroom-worker's lung	Diagnosis	ICD-10-CM
J67.6	Maple-bark-stripper's lung	Diagnosis	ICD-10-CM
J67.7	Air conditioner and humidifier lung	Diagnosis	ICD-10-CM
J67.8	Hypersensitivity pneumonitis due to other organic dusts	Diagnosis	ICD-10-CM
J67.9	Hypersensitivity pneumonitis due to unspecified organic dust	Diagnosis	ICD-10-CM
J68.0	Bronchitis and pneumonitis due to chemicals, gases, fumes and vapors	Diagnosis	ICD-10-CM
J68.4	Chronic respiratory conditions due to chemicals, gases, fumes and vapors	Diagnosis	ICD-10-CM
J68.8	Other respiratory conditions due to chemicals, gases, fumes and vapors	Diagnosis	ICD-10-CM
J68.9	Unspecified respiratory condition due to chemicals, gases, fumes and vapors	Diagnosis	ICD-10-CM
J70	Respiratory conditions due to other external agents	Diagnosis	ICD-10-CM
J70.1	Chronic and other pulmonary manifestations due to radiation	Diagnosis	ICD-10-CM
J70.3	Chronic drug-induced interstitial lung disorders	Diagnosis	ICD-10-CM
J70.4	Drug-induced interstitial lung disorders, unspecified	Diagnosis	ICD-10-CM
J70.5	Respiratory conditions due to smoke inhalation	Diagnosis	ICD-10-CM
J70.8	Respiratory conditions due to other specified external agents	Diagnosis	ICD-10-CM
J70.9	Respiratory conditions due to unspecified external agent	Diagnosis	ICD-10-CM
J82	Pulmonary eosinophilia, not elsewhere classified	Diagnosis	ICD-10-CM
J82.8	Pulmonary eosinophilia, not elsewhere classified	Diagnosis	ICD-10-CM
J82.89	Other pulmonary eosinophilia, not elsewhere classified	Diagnosis	ICD-10-CM
J84	Other interstitial pulmonary diseases	Diagnosis	ICD-10-CM
J84.0	Alveolar and parieto-alveolar conditions	Diagnosis	ICD-10-CM
J84.01	Alveolar proteinosis	Diagnosis	ICD-10-CM
J84.02	Pulmonary alveolar microlithiasis	Diagnosis	ICD-10-CM
J84.03	Idiopathic pulmonary hemosiderosis	Diagnosis	ICD-10-CM
J84.09	Other alveolar and parieto-alveolar conditions	Diagnosis	ICD-10-CM
J84.1	Oth interstitial pulmonary diseases w/fibrosis	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
J84.10	Pulmonary fibrosis unspecified	Diagnosis	ICD-10-CM
J84.11	Idiopathic interstitial pneumonia	Diagnosis	ICD-10-CM
J84.111	Idiopathic interstitial pneumonia nos	Diagnosis	ICD-10-CM
J84.112	Idiopathic pulmonary fibrosis	Diagnosis	ICD-10-CM
J84.113	Idiopathic non-specific interstitial pneumonitis	Diagnosis	ICD-10-CM
J84.114	Acute interstitial pneumonitis	Diagnosis	ICD-10-CM
J84.115	Respiratory bronchiolitis interst lung disease	Diagnosis	ICD-10-CM
J84.116	Cryptogenic organizing pneumonia	Diagnosis	ICD-10-CM
J84.117	Desquamative interstitial pneumonia	Diagnosis	ICD-10-CM
J84.17	Other interst pulm dz w/fibrosis dz class elsw	Diagnosis	ICD-10-CM
J84.170	Intrstit lng dis w prgr fibrt phntyp dis class e	Diagnosis	ICD-10-CM
J84.178	Oth interstit pulmon dis fibrosis dis class elsw	Diagnosis	ICD-10-CM
J84.2	Lymphoid interstitial pneumonia	Diagnosis	ICD-10-CM
J84.8	Other specified interstitial pulmonary diseases	Diagnosis	ICD-10-CM
J84.81	Lymphangiomyomatosis	Diagnosis	ICD-10-CM
J84.82	Adult pulmonary langerhans cell histiocytosis	Diagnosis	ICD-10-CM
J84.83	Surfactant mutations of the lung	Diagnosis	ICD-10-CM
J84.84	Other interstitial lung diseases of childhood	Diagnosis	ICD-10-CM
J84.841	Neuroendocrine cell hyperplasia of infancy	Diagnosis	ICD-10-CM
J84.842	Pulmonary interstitial glycogenosis	Diagnosis	ICD-10-CM
J84.843	Alveolar capillary dysplasia with vein misalignment	Diagnosis	ICD-10-CM
J84.848	Other interstitial lung diseases of childhood	Diagnosis	ICD-10-CM
J84.89	Other specified interstitial pulmonary diseases	Diagnosis	ICD-10-CM
J84.9	Interstitial pulmonary disease unspecified	Diagnosis	ICD-10-CM
J91	Pleural effusion in conditions classified elsewhere	Diagnosis	ICD-10-CM
J92.0	Pleural plaque with presence of asbestos	Diagnosis	ICD-10-CM
J96.1	Chronic respiratory failure	Diagnosis	ICD-10-CM
J98.2	Interstitial emphysema	Diagnosis	ICD-10-CM
J98.3	Compensatory emphysema	Diagnosis	ICD-10-CM
J98.4	Other disorders of lung	Diagnosis	ICD-10-CM
J98.9	Respiratory disorder, unspecified	Diagnosis	ICD-10-CM
P25	Interstitial emphysema and related conditions originating in the perinatal period	Diagnosis	ICD-10-CM
P27	Chronic respiratory disease originating in the perinatal period	Diagnosis	ICD-10-CM
P27.0	Wilson-Mikity syndrome	Diagnosis	ICD-10-CM
P27.1	Bronchopulmonary dysplasia originating in the perinatal period	Diagnosis	ICD-10-CM
P27.8	Other chronic respiratory diseases originating in the perinatal period	Diagnosis	ICD-10-CM
P27.9	Unspecified chronic respiratory disease originating in the perinatal period	Diagnosis	ICD-10-CM
Coronary Artery Disease			
0210083	Bypass Coronary Artery, One Artery from Coronary Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
0210088	Bypass Coronary Artery, One Artery from Right Internal Mammary with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
0210089	Bypass Coronary Artery, One Artery from Left Internal Mammary with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021008C	Bypass Coronary Artery, One Artery from Thoracic Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021008F	Bypass Coronary Artery, One Artery from Abdominal Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021008W	Bypass Coronary Artery, One Artery from Aorta with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
0210093	Bypass Coronary Artery, One Artery from Coronary Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
0210098	Bypass Coronary Artery, One Artery from Right Internal Mammary with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
0210099	Bypass Coronary Artery, One Artery from Left Internal Mammary with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021009C	Bypass Coronary Artery, One Artery from Thoracic Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021009F	Bypass Coronary Artery, One Artery from Abdominal Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021009W	Bypass Coronary Artery, One Artery from Aorta with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
02100A3	Bypass Coronary Artery, One Artery from Coronary Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02100A8	Bypass Coronary Artery, One Artery from Right Internal Mammary with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02100A9	Bypass Coronary Artery, One Artery from Left Internal Mammary with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02100AC	Bypass Coronary Artery, One Artery from Thoracic Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02100AF	Bypass Coronary Artery, One Artery from Abdominal Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02100AW	Bypass Coronary Artery, One Artery from Aorta with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02100J3	Bypass Coronary Artery, One Artery from Coronary Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02100J8	Bypass Coronary Artery, One Artery from Right Internal Mammary with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02100J9	Bypass Coronary Artery, One Artery from Left Internal Mammary with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02100JC	Bypass Coronary Artery, One Artery from Thoracic Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02100JF	Bypass Coronary Artery, One Artery from Abdominal Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02100JW	Bypass Coronary Artery, One Artery from Aorta with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02100K3	Bypass Coronary Artery, One Artery from Coronary Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02100K8	Bypass Coronary Artery, One Artery from Right Internal Mammary with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
02100K9	Bypass Coronary Artery, One Artery from Left Internal Mammary with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02100KC	Bypass Coronary Artery, One Artery from Thoracic Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02100KF	Bypass Coronary Artery, One Artery from Abdominal Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02100KW	Bypass Coronary Artery, One Artery from Aorta with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02100Z3	Bypass Coronary Artery, One Artery from Coronary Artery, Open Approach	Procedure	ICD-10-PCS
02100Z8	Bypass Coronary Artery, One Artery from Right Internal Mammary, Open Approach	Procedure	ICD-10-PCS
02100Z9	Bypass Coronary Artery, One Artery from Left Internal Mammary, Open Approach	Procedure	ICD-10-PCS
02100ZC	Bypass Coronary Artery, One Artery from Thoracic Artery, Open Approach	Procedure	ICD-10-PCS
02100ZF	Bypass Coronary Artery, One Artery from Abdominal Artery, Open Approach	Procedure	ICD-10-PCS
0210483	Bypass Coronary Artery, One Artery from Coronary Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0210488	Bypass Coronary Artery, One Artery from Right Internal Mammary with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0210489	Bypass Coronary Artery, One Artery from Left Internal Mammary with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021048C	Bypass Coronary Artery, One Artery from Thoracic Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021048F	Bypass Coronary Artery, One Artery from Abdominal Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021048W	Bypass Coronary Artery, One Artery from Aorta with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0210493	Bypass Coronary Artery, One Artery from Coronary Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0210498	Bypass Coronary Artery, One Artery from Right Internal Mammary with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0210499	Bypass Coronary Artery, One Artery from Left Internal Mammary with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021049C	Bypass Coronary Artery, One Artery from Thoracic Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021049F	Bypass Coronary Artery, One Artery from Abdominal Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021049W	Bypass Coronary Artery, One Artery from Aorta with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104A3	Bypass Coronary Artery, One Artery from Coronary Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104A8	Bypass Coronary Artery, One Artery from Right Internal Mammary with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104A9	Bypass Coronary Artery, One Artery from Left Internal Mammary with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104AC	Bypass Coronary Artery, One Artery from Thoracic Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
02104AF	Bypass Coronary Artery, One Artery from Abdominal Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104AW	Bypass Coronary Artery, One Artery from Aorta with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104J3	Bypass Coronary Artery, One Artery from Coronary Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104J8	Bypass Coronary Artery, One Artery from Right Internal Mammary with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104J9	Bypass Coronary Artery, One Artery from Left Internal Mammary with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104JC	Bypass Coronary Artery, One Artery from Thoracic Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104JF	Bypass Coronary Artery, One Artery from Abdominal Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104JW	Bypass Coronary Artery, One Artery from Aorta with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104K3	Bypass Coronary Artery, One Artery from Coronary Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104K8	Bypass Coronary Artery, One Artery from Right Internal Mammary with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104K9	Bypass Coronary Artery, One Artery from Left Internal Mammary with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104KC	Bypass Coronary Artery, One Artery from Thoracic Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104KF	Bypass Coronary Artery, One Artery from Abdominal Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104KW	Bypass Coronary Artery, One Artery from Aorta with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104Z3	Bypass Coronary Artery, One Artery from Coronary Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104Z8	Bypass Coronary Artery, One Artery from Right Internal Mammary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104Z9	Bypass Coronary Artery, One Artery from Left Internal Mammary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104ZC	Bypass Coronary Artery, One Artery from Thoracic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104ZF	Bypass Coronary Artery, One Artery from Abdominal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0211083	Bypass Coronary Artery, Two Arteries from Coronary Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
0211088	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
0211089	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021108C	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021108F	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
021108W	Bypass Coronary Artery, Two Arteries from Aorta with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
0211093	Bypass Coronary Artery, Two Arteries from Coronary Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
0211098	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
0211099	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021109C	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021109F	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021109W	Bypass Coronary Artery, Two Arteries from Aorta with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
02110A3	Bypass Coronary Artery, Two Arteries from Coronary Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02110A8	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02110A9	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02110AC	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02110AF	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02110AW	Bypass Coronary Artery, Two Arteries from Aorta with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02110J3	Bypass Coronary Artery, Two Arteries from Coronary Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02110J8	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02110J9	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02110JC	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02110JF	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02110JW	Bypass Coronary Artery, Two Arteries from Aorta with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02110K3	Bypass Coronary Artery, Two Arteries from Coronary Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02110K8	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02110K9	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02110KC	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02110KF	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
02110KW	Bypass Coronary Artery, Two Arteries from Aorta with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02110Z3	Bypass Coronary Artery, Two Arteries from Coronary Artery, Open Approach	Procedure	ICD-10-PCS
02110Z8	Bypass Coronary Artery, Two Arteries from Right Internal Mammary, Open Approach	Procedure	ICD-10-PCS
02110Z9	Bypass Coronary Artery, Two Arteries from Left Internal Mammary, Open Approach	Procedure	ICD-10-PCS
02110ZC	Bypass Coronary Artery, Two Arteries from Thoracic Artery, Open Approach	Procedure	ICD-10-PCS
02110ZF	Bypass Coronary Artery, Two Arteries from Abdominal Artery, Open Approach	Procedure	ICD-10-PCS
0211483	Bypass Coronary Artery, Two Arteries from Coronary Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0211488	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0211489	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021148C	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021148F	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021148W	Bypass Coronary Artery, Two Arteries from Aorta with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0211493	Bypass Coronary Artery, Two Arteries from Coronary Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0211498	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0211499	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021149C	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021149F	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021149W	Bypass Coronary Artery, Two Arteries from Aorta with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114A3	Bypass Coronary Artery, Two Arteries from Coronary Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114A8	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114A9	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114AC	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114AF	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114AW	Bypass Coronary Artery, Two Arteries from Aorta with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114J3	Bypass Coronary Artery, Two Arteries from Coronary Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
02114J8	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114J9	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114JC	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114JF	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114JW	Bypass Coronary Artery, Two Arteries from Aorta with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114K3	Bypass Coronary Artery, Two Arteries from Coronary Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114K8	Bypass Coronary Artery, Two Arteries from Right Internal Mammary with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114K9	Bypass Coronary Artery, Two Arteries from Left Internal Mammary with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114KC	Bypass Coronary Artery, Two Arteries from Thoracic Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114KF	Bypass Coronary Artery, Two Arteries from Abdominal Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114KW	Bypass Coronary Artery, Two Arteries from Aorta with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114Z3	Bypass Coronary Artery, Two Arteries from Coronary Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114Z8	Bypass Coronary Artery, Two Arteries from Right Internal Mammary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114Z9	Bypass Coronary Artery, Two Arteries from Left Internal Mammary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114ZC	Bypass Coronary Artery, Two Arteries from Thoracic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114ZF	Bypass Coronary Artery, Two Arteries from Abdominal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0212083	Bypass Coronary Artery, Three Arteries from Coronary Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
0212088	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
0212089	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021208C	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021208F	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021208W	Bypass Coronary Artery, Three Arteries from Aorta with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
0212093	Bypass Coronary Artery, Three Arteries from Coronary Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
0212098	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
0212099	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021209C	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021209F	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021209W	Bypass Coronary Artery, Three Arteries from Aorta with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
02120A3	Bypass Coronary Artery, Three Arteries from Coronary Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02120A8	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02120A9	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02120AC	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02120AF	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02120AW	Bypass Coronary Artery, Three Arteries from Aorta with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02120J3	Bypass Coronary Artery, Three Arteries from Coronary Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02120J8	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02120J9	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02120JC	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02120JF	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02120JW	Bypass Coronary Artery, Three Arteries from Aorta with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02120K3	Bypass Coronary Artery, Three Arteries from Coronary Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02120K8	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02120K9	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02120KC	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02120KF	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02120KW	Bypass Coronary Artery, Three Arteries from Aorta with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02120Z3	Bypass Coronary Artery, Three Arteries from Coronary Artery, Open Approach	Procedure	ICD-10-PCS
02120Z8	Bypass Coronary Artery, Three Arteries from Right Internal Mammary, Open Approach	Procedure	ICD-10-PCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
02120Z9	Bypass Coronary Artery, Three Arteries from Left Internal Mammary, Open Approach	Procedure	ICD-10-PCS
02120ZC	Bypass Coronary Artery, Three Arteries from Thoracic Artery, Open Approach	Procedure	ICD-10-PCS
02120ZF	Bypass Coronary Artery, Three Arteries from Abdominal Artery, Open Approach	Procedure	ICD-10-PCS
0212483	Bypass Coronary Artery, Three Arteries from Coronary Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0212488	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0212489	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021248C	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021248F	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021248W	Bypass Coronary Artery, Three Arteries from Aorta with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0212493	Bypass Coronary Artery, Three Arteries from Coronary Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0212498	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0212499	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021249C	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021249F	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021249W	Bypass Coronary Artery, Three Arteries from Aorta with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124A3	Bypass Coronary Artery, Three Arteries from Coronary Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124A8	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124A9	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124AC	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124AF	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124AW	Bypass Coronary Artery, Three Arteries from Aorta with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124J3	Bypass Coronary Artery, Three Arteries from Coronary Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124J8	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124J9	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
02124JC	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124JF	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124JW	Bypass Coronary Artery, Three Arteries from Aorta with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124K3	Bypass Coronary Artery, Three Arteries from Coronary Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124K8	Bypass Coronary Artery, Three Arteries from Right Internal Mammary with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124K9	Bypass Coronary Artery, Three Arteries from Left Internal Mammary with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124KC	Bypass Coronary Artery, Three Arteries from Thoracic Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124KF	Bypass Coronary Artery, Three Arteries from Abdominal Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124KW	Bypass Coronary Artery, Three Arteries from Aorta with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124Z3	Bypass Coronary Artery, Three Arteries from Coronary Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124Z8	Bypass Coronary Artery, Three Arteries from Right Internal Mammary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124Z9	Bypass Coronary Artery, Three Arteries from Left Internal Mammary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124ZC	Bypass Coronary Artery, Three Arteries from Thoracic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124ZF	Bypass Coronary Artery, Three Arteries from Abdominal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0213083	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
0213088	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
0213089	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021308C	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021308F	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021308W	Bypass Coronary Artery, Four or More Arteries from Aorta with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
0213093	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
0213098	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
0213099	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021309C	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
021309F	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021309W	Bypass Coronary Artery, Four or More Arteries from Aorta with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
02130A3	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02130A8	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02130A9	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02130AC	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02130AF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02130AW	Bypass Coronary Artery, Four or More Arteries from Aorta with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
02130J3	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02130J8	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02130J9	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02130JC	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02130JF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02130JW	Bypass Coronary Artery, Four or More Arteries from Aorta with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
02130K3	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02130K8	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02130K9	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02130KC	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02130KF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02130KW	Bypass Coronary Artery, Four or More Arteries from Aorta with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
02130Z3	Bypass Coronary Artery, Four or More Arteries from Coronary Artery, Open Approach	Procedure	ICD-10-PCS
02130Z8	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary, Open Approach	Procedure	ICD-10-PCS
02130Z9	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary, Open Approach	Procedure	ICD-10-PCS
02130ZC	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery, Open Approach	Procedure	ICD-10-PCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
02130ZF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery, Open Approach	Procedure	ICD-10-PCS
0213483	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0213488	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0213489	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021348C	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021348F	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021348W	Bypass Coronary Artery, Four or More Arteries from Aorta with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0213493	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0213498	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0213499	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021349C	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021349F	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021349W	Bypass Coronary Artery, Four or More Arteries from Aorta with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134A3	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134A8	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134A9	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134AC	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134AF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134AW	Bypass Coronary Artery, Four or More Arteries from Aorta with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134J3	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134J8	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134J9	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134JC	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
02134JF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134JW	Bypass Coronary Artery, Four or More Arteries from Aorta with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134K3	Bypass Coronary Artery, Four or More Arteries from Coronary Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134K8	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134K9	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134KC	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134KF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134KW	Bypass Coronary Artery, Four or More Arteries from Aorta with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134Z3	Bypass Coronary Artery, Four or More Arteries from Coronary Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134Z8	Bypass Coronary Artery, Four or More Arteries from Right Internal Mammary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134Z9	Bypass Coronary Artery, Four or More Arteries from Left Internal Mammary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134ZC	Bypass Coronary Artery, Four or More Arteries from Thoracic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134ZF	Bypass Coronary Artery, Four or More Arteries from Abdominal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021K0Z8	Bypass Right Ventricle to Right Internal Mammary, Open Approach	Procedure	ICD-10-PCS
021K0Z9	Bypass Right Ventricle to Left Internal Mammary, Open Approach	Procedure	ICD-10-PCS
021K0ZC	Bypass Right Ventricle to Thoracic Artery, Open Approach	Procedure	ICD-10-PCS
021K0ZF	Bypass Right Ventricle to Abdominal Artery, Open Approach	Procedure	ICD-10-PCS
021K0ZW	Bypass Right Ventricle to Aorta, Open Approach	Procedure	ICD-10-PCS
021K4Z8	Bypass Right Ventricle to Right Internal Mammary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021K4Z9	Bypass Right Ventricle to Left Internal Mammary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021K4ZC	Bypass Right Ventricle to Thoracic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021K4ZF	Bypass Right Ventricle to Abdominal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021K4ZW	Bypass Right Ventricle to Aorta, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L08P	Bypass Left Ventricle to Pulmonary Trunk with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021L08Q	Bypass Left Ventricle to Right Pulmonary Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS
021L08R	Bypass Left Ventricle to Left Pulmonary Artery with Zooplastic Tissue, Open Approach	Procedure	ICD-10-PCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
021L09P	Bypass Left Ventricle to Pulmonary Trunk with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021L09Q	Bypass Left Ventricle to Right Pulmonary Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021L09R	Bypass Left Ventricle to Left Pulmonary Artery with Autologous Venous Tissue, Open Approach	Procedure	ICD-10-PCS
021L0AP	Bypass Left Ventricle to Pulmonary Trunk with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
021L0AQ	Bypass Left Ventricle to Right Pulmonary Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
021L0AR	Bypass Left Ventricle to Left Pulmonary Artery with Autologous Arterial Tissue, Open Approach	Procedure	ICD-10-PCS
021L0JP	Bypass Left Ventricle to Pulmonary Trunk with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
021L0JQ	Bypass Left Ventricle to Right Pulmonary Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
021L0JR	Bypass Left Ventricle to Left Pulmonary Artery with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
021L0KP	Bypass Left Ventricle to Pulmonary Trunk with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
021L0KQ	Bypass Left Ventricle to Right Pulmonary Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
021L0KR	Bypass Left Ventricle to Left Pulmonary Artery with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
021L0Z8	Bypass Left Ventricle to Right Internal Mammary, Open Approach	Procedure	ICD-10-PCS
021L0Z9	Bypass Left Ventricle to Left Internal Mammary, Open Approach	Procedure	ICD-10-PCS
021L0ZC	Bypass Left Ventricle to Thoracic Artery, Open Approach	Procedure	ICD-10-PCS
021L0ZF	Bypass Left Ventricle to Abdominal Artery, Open Approach	Procedure	ICD-10-PCS
021L0ZP	Bypass Left Ventricle to Pulmonary Trunk, Open Approach	Procedure	ICD-10-PCS
021L0ZQ	Bypass Left Ventricle to Right Pulmonary Artery, Open Approach	Procedure	ICD-10-PCS
021L0ZR	Bypass Left Ventricle to Left Pulmonary Artery, Open Approach	Procedure	ICD-10-PCS
021L48P	Bypass Left Ventricle to Pulmonary Trunk with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L48Q	Bypass Left Ventricle to Right Pulmonary Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L48R	Bypass Left Ventricle to Left Pulmonary Artery with Zooplastic Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L49P	Bypass Left Ventricle to Pulmonary Trunk with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L49Q	Bypass Left Ventricle to Right Pulmonary Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L49R	Bypass Left Ventricle to Left Pulmonary Artery with Autologous Venous Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4AP	Bypass Left Ventricle to Pulmonary Trunk with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4AQ	Bypass Left Ventricle to Right Pulmonary Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
021L4AR	Bypass Left Ventricle to Left Pulmonary Artery with Autologous Arterial Tissue, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4JP	Bypass Left Ventricle to Pulmonary Trunk with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4JQ	Bypass Left Ventricle to Right Pulmonary Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4JR	Bypass Left Ventricle to Left Pulmonary Artery with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4KP	Bypass Left Ventricle to Pulmonary Trunk with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4KQ	Bypass Left Ventricle to Right Pulmonary Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4KR	Bypass Left Ventricle to Left Pulmonary Artery with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4Z8	Bypass Left Ventricle to Right Internal Mammary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4Z9	Bypass Left Ventricle to Left Internal Mammary, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4ZC	Bypass Left Ventricle to Thoracic Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4ZF	Bypass Left Ventricle to Abdominal Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4ZP	Bypass Left Ventricle to Pulmonary Trunk, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4ZQ	Bypass Left Ventricle to Right Pulmonary Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
021L4ZR	Bypass Left Ventricle to Left Pulmonary Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0270046	Dilation of Coronary Artery, One Artery, Bifurcation, with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
027004Z	Dilation of Coronary Artery, One Artery with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0270056	Dilation of Coronary Artery, One Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
027005Z	Dilation of Coronary Artery, One Artery with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0270066	Dilation of Coronary Artery, One Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
027006Z	Dilation of Coronary Artery, One Artery with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0270076	Dilation of Coronary Artery, One Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
027007Z	Dilation of Coronary Artery, One Artery with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02700D6	Dilation of Coronary Artery, One Artery, Bifurcation, with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02700DZ	Dilation of Coronary Artery, One Artery with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
02700E6	Dilation of Coronary Artery, One Artery, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02700EZ	Dilation of Coronary Artery, One Artery with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02700F6	Dilation of Coronary Artery, One Artery, Bifurcation, with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02700FZ	Dilation of Coronary Artery, One Artery with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02700G6	Dilation of Coronary Artery, One Artery, Bifurcation, with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02700GZ	Dilation of Coronary Artery, One Artery with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02700T6	Dilation of Coronary Artery, One Artery, Bifurcation, with Radioactive Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02700TZ	Dilation of Coronary Artery, One Artery with Radioactive Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02700Z6	Dilation of Coronary Artery, One Artery, Bifurcation, Open Approach	Procedure	ICD-10-PCS
02700ZZ	Dilation of Coronary Artery, One Artery, Open Approach	Procedure	ICD-10-PCS
0270346	Dilation of Coronary Artery, One Artery, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
027034Z	Dilation of Coronary Artery, One Artery with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0270356	Dilation of Coronary Artery, One Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
027035Z	Dilation of Coronary Artery, One Artery with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0270366	Dilation of Coronary Artery, One Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
027036Z	Dilation of Coronary Artery, One Artery with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0270376	Dilation of Coronary Artery, One Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
027037Z	Dilation of Coronary Artery, One Artery with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02703D6	Dilation of Coronary Artery, One Artery, Bifurcation, with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02703DZ	Dilation of Coronary Artery, One Artery with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02703E6	Dilation of Coronary Artery, One Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02703EZ	Dilation of Coronary Artery, One Artery with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02703F6	Dilation of Coronary Artery, One Artery, Bifurcation, with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02703FZ	Dilation of Coronary Artery, One Artery with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02703G6	Dilation of Coronary Artery, One Artery, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
02703GZ	Dilation of Coronary Artery, One Artery with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02703T6	Dilation of Coronary Artery, One Artery, Bifurcation, with Radioactive Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02703TZ	Dilation of Coronary Artery, One Artery with Radioactive Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0270446	Dilation of Coronary Artery, One Artery, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027044Z	Dilation of Coronary Artery, One Artery with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0270456	Dilation of Coronary Artery, One Artery, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027045Z	Dilation of Coronary Artery, One Artery with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0270466	Dilation of Coronary Artery, One Artery, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027046Z	Dilation of Coronary Artery, One Artery with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0270476	Dilation of Coronary Artery, One Artery, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027047Z	Dilation of Coronary Artery, One Artery with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02704D6	Dilation of Coronary Artery, One Artery, Bifurcation, with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02704DZ	Dilation of Coronary Artery, One Artery with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02704E6	Dilation of Coronary Artery, One Artery, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02704EZ	Dilation of Coronary Artery, One Artery with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02704F6	Dilation of Coronary Artery, One Artery, Bifurcation, with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02704FZ	Dilation of Coronary Artery, One Artery with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02704G6	Dilation of Coronary Artery, One Artery, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02704GZ	Dilation of Coronary Artery, One Artery with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02704T6	Dilation of Coronary Artery, One Artery, Bifurcation, with Radioactive Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02704TZ	Dilation of Coronary Artery, One Artery with Radioactive Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0271046	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
027104Z	Dilation of Coronary Artery, Two Arteries with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0271056	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
027105Z	Dilation of Coronary Artery, Two Arteries with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0271066	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
027106Z	Dilation of Coronary Artery, Two Arteries with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0271076	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
027107Z	Dilation of Coronary Artery, Two Arteries with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02710D6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02710DZ	Dilation of Coronary Artery, Two Arteries with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02710E6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02710EZ	Dilation of Coronary Artery, Two Arteries with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02710F6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02710FZ	Dilation of Coronary Artery, Two Arteries with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02710G6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02710GZ	Dilation of Coronary Artery, Two Arteries with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02710T6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Radioactive Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02710TZ	Dilation of Coronary Artery, Two Arteries with Radioactive Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02710Z6	Dilation of Coronary Artery, Two Arteries, Bifurcation, Open Approach	Procedure	ICD-10-PCS
02710ZZ	Dilation of Coronary Artery, Two Arteries, Open Approach	Procedure	ICD-10-PCS
0271346	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
027134Z	Dilation of Coronary Artery, Two Arteries with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0271356	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
027135Z	Dilation of Coronary Artery, Two Arteries with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0271366	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
027136Z	Dilation of Coronary Artery, Two Arteries with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0271376	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
027137Z	Dilation of Coronary Artery, Two Arteries with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
02713D6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02713DZ	Dilation of Coronary Artery, Two Arteries with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02713E6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02713EZ	Dilation of Coronary Artery, Two Arteries with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02713F6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02713FZ	Dilation of Coronary Artery, Two Arteries with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02713G6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02713GZ	Dilation of Coronary Artery, Two Arteries with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02713T6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Radioactive Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02713TZ	Dilation of Coronary Artery, Two Arteries with Radioactive Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0271446	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027144Z	Dilation of Coronary Artery, Two Arteries with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0271456	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027145Z	Dilation of Coronary Artery, Two Arteries with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0271466	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027146Z	Dilation of Coronary Artery, Two Arteries with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0271476	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027147Z	Dilation of Coronary Artery, Two Arteries with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02714D6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02714DZ	Dilation of Coronary Artery, Two Arteries with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02714E6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02714EZ	Dilation of Coronary Artery, Two Arteries with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02714F6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02714FZ	Dilation of Coronary Artery, Two Arteries with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
02714G6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02714GZ	Dilation of Coronary Artery, Two Arteries with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02714T6	Dilation of Coronary Artery, Two Arteries, Bifurcation, with Radioactive Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02714TZ	Dilation of Coronary Artery, Two Arteries with Radioactive Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0272046	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
027204Z	Dilation of Coronary Artery, Three Arteries with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0272056	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
027205Z	Dilation of Coronary Artery, Three Arteries with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0272066	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
027206Z	Dilation of Coronary Artery, Three Arteries with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0272076	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
027207Z	Dilation of Coronary Artery, Three Arteries with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02720D6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02720DZ	Dilation of Coronary Artery, Three Arteries with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02720E6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02720EZ	Dilation of Coronary Artery, Three Arteries with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02720F6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02720FZ	Dilation of Coronary Artery, Three Arteries with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02720G6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02720GZ	Dilation of Coronary Artery, Three Arteries with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02720T6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Radioactive Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02720TZ	Dilation of Coronary Artery, Three Arteries with Radioactive Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02720Z6	Dilation of Coronary Artery, Three Arteries, Bifurcation, Open Approach	Procedure	ICD-10-PCS
02720ZZ	Dilation of Coronary Artery, Three Arteries, Open Approach	Procedure	ICD-10-PCS
0272346	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
027234Z	Dilation of Coronary Artery, Three Arteries with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0272356	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
027235Z	Dilation of Coronary Artery, Three Arteries with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0272366	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
027236Z	Dilation of Coronary Artery, Three Arteries with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0272376	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
027237Z	Dilation of Coronary Artery, Three Arteries with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02723D6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02723DZ	Dilation of Coronary Artery, Three Arteries with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02723E6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02723EZ	Dilation of Coronary Artery, Three Arteries with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02723F6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02723FZ	Dilation of Coronary Artery, Three Arteries with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02723G6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02723GZ	Dilation of Coronary Artery, Three Arteries with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02723T6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Radioactive Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02723TZ	Dilation of Coronary Artery, Three Arteries with Radioactive Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0272446	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027244Z	Dilation of Coronary Artery, Three Arteries with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0272456	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027245Z	Dilation of Coronary Artery, Three Arteries with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0272466	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027246Z	Dilation of Coronary Artery, Three Arteries with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0272476	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
027247Z	Dilation of Coronary Artery, Three Arteries with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02724D6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02724DZ	Dilation of Coronary Artery, Three Arteries with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02724E6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02724EZ	Dilation of Coronary Artery, Three Arteries with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02724F6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02724FZ	Dilation of Coronary Artery, Three Arteries with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02724G6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02724GZ	Dilation of Coronary Artery, Three Arteries with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02724T6	Dilation of Coronary Artery, Three Arteries, Bifurcation, with Radioactive Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02724TZ	Dilation of Coronary Artery, Three Arteries with Radioactive Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0273046	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
027304Z	Dilation of Coronary Artery, Four or More Arteries with Drug-eluting Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
0273056	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
027305Z	Dilation of Coronary Artery, Four or More Arteries with Two Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0273066	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
027306Z	Dilation of Coronary Artery, Four or More Arteries with Three Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
0273076	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
027307Z	Dilation of Coronary Artery, Four or More Arteries with Four or More Drug-eluting Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02730D6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02730DZ	Dilation of Coronary Artery, Four or More Arteries with Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02730E6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02730EZ	Dilation of Coronary Artery, Four or More Arteries with Two Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02730F6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
02730FZ	Dilation of Coronary Artery, Four or More Arteries with Three Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02730G6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02730GZ	Dilation of Coronary Artery, Four or More Arteries with Four or More Intraluminal Devices, Open Approach	Procedure	ICD-10-PCS
02730T6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Radioactive Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02730TZ	Dilation of Coronary Artery, Four or More Arteries with Radioactive Intraluminal Device, Open Approach	Procedure	ICD-10-PCS
02730Z6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, Open Approach	Procedure	ICD-10-PCS
02730ZZ	Dilation of Coronary Artery, Four or More Arteries, Open Approach	Procedure	ICD-10-PCS
0273346	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
027334Z	Dilation of Coronary Artery, Four or More Arteries with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0273356	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
027335Z	Dilation of Coronary Artery, Four or More Arteries with Two Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0273366	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
027336Z	Dilation of Coronary Artery, Four or More Arteries with Three Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
0273376	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
027337Z	Dilation of Coronary Artery, Four or More Arteries with Four or More Drug-eluting Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02733D6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02733DZ	Dilation of Coronary Artery, Four or More Arteries with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02733E6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02733EZ	Dilation of Coronary Artery, Four or More Arteries with Two Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02733F6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02733FZ	Dilation of Coronary Artery, Four or More Arteries with Three Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02733G6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02733GZ	Dilation of Coronary Artery, Four or More Arteries with Four or More Intraluminal Devices, Percutaneous Approach	Procedure	ICD-10-PCS
02733T6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Radioactive Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
02733TZ	Dilation of Coronary Artery, Four or More Arteries with Radioactive Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0273446	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027344Z	Dilation of Coronary Artery, Four or More Arteries with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0273456	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027345Z	Dilation of Coronary Artery, Four or More Arteries with Two Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0273466	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027346Z	Dilation of Coronary Artery, Four or More Arteries with Three Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0273476	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
027347Z	Dilation of Coronary Artery, Four or More Arteries with Four or More Drug-eluting Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02734D6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02734DZ	Dilation of Coronary Artery, Four or More Arteries with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02734E6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02734EZ	Dilation of Coronary Artery, Four or More Arteries with Two Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02734F6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02734FZ	Dilation of Coronary Artery, Four or More Arteries with Three Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02734G6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02734GZ	Dilation of Coronary Artery, Four or More Arteries with Four or More Intraluminal Devices, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02734T6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, with Radioactive Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02734TZ	Dilation of Coronary Artery, Four or More Arteries with Radioactive Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02C00Z6	Extirpation of Matter from Coronary Artery, One Artery, Bifurcation, Open Approach	Procedure	ICD-10-PCS
02C00ZZ	Extirpation of Matter from Coronary Artery, One Artery, Open Approach	Procedure	ICD-10-PCS
02C03Z6	Extirpation of Matter from Coronary Artery, One Artery, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
02C03ZZ	Extirpation of Matter from Coronary Artery, One Artery, Percutaneous Approach	Procedure	ICD-10-PCS
02C04Z6	Extirpation of Matter from Coronary Artery, One Artery, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
02C04ZZ	Extirpation of Matter from Coronary Artery, One Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02C10Z6	Extirpation of Matter from Coronary Artery, Two Arteries, Bifurcation, Open Approach	Procedure	ICD-10-PCS
02C10ZZ	Extirpation of Matter from Coronary Artery, Two Arteries, Open Approach	Procedure	ICD-10-PCS
02C13Z6	Extirpation of Matter from Coronary Artery, Two Arteries, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
02C13ZZ	Extirpation of Matter from Coronary Artery, Two Arteries, Percutaneous Approach	Procedure	ICD-10-PCS
02C14Z6	Extirpation of Matter from Coronary Artery, Two Arteries, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02C14ZZ	Extirpation of Matter from Coronary Artery, Two Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02C20Z6	Extirpation of Matter from Coronary Artery, Three Arteries, Bifurcation, Open Approach	Procedure	ICD-10-PCS
02C20ZZ	Extirpation of Matter from Coronary Artery, Three Arteries, Open Approach	Procedure	ICD-10-PCS
02C23Z6	Extirpation of Matter from Coronary Artery, Three Arteries, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
02C23ZZ	Extirpation of Matter from Coronary Artery, Three Arteries, Percutaneous Approach	Procedure	ICD-10-PCS
02C24Z6	Extirpation of Matter from Coronary Artery, Three Arteries, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02C24ZZ	Extirpation of Matter from Coronary Artery, Three Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02C30Z6	Extirpation of Matter from Coronary Artery, Four or More Arteries, Bifurcation, Open Approach	Procedure	ICD-10-PCS
02C30ZZ	Extirpation of Matter from Coronary Artery, Four or More Arteries, Open Approach	Procedure	ICD-10-PCS
02C33Z6	Extirpation of Matter from Coronary Artery, Four or More Arteries, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
02C33ZZ	Extirpation of Matter from Coronary Artery, Four or More Arteries, Percutaneous Approach	Procedure	ICD-10-PCS
02C34Z6	Extirpation of Matter from Coronary Artery, Four or More Arteries, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02C34ZZ	Extirpation of Matter from Coronary Artery, Four or More Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
33510	Coronary artery bypass, vein only; single coronary venous graft	Procedure	CPT-4
33511	Coronary artery bypass, vein only; 2 coronary venous grafts	Procedure	CPT-4
33512	Coronary artery bypass, vein only; 3 coronary venous grafts	Procedure	CPT-4
33513	Coronary artery bypass, vein only; 4 coronary venous grafts	Procedure	CPT-4
33514	Coronary artery bypass, vein only; 5 coronary venous grafts	Procedure	CPT-4
33516	Coronary artery bypass, vein only; 6 or more coronary venous grafts	Procedure	CPT-4
33517	Coronary artery bypass, using venous graft(s) and arterial graft(s); single vein graft (List separately in addition to code for primary procedure)	Procedure	CPT-4
33518	Coronary artery bypass, using venous graft(s) and arterial graft(s); 2 venous grafts (List separately in addition to code for primary procedure)	Procedure	CPT-4

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
33519	Coronary artery bypass, using venous graft(s) and arterial graft(s); 3 venous grafts (List separately in addition to code for primary procedure)	Procedure	CPT-4
33520	Coronary Artery Bypass, Nonautogenous Graft (eg, Synthetic Or Cadaver); Single Graft	Procedure	CPT-4
33521	Coronary artery bypass, using venous graft(s) and arterial graft(s); 4 venous grafts (List separately in addition to code for primary procedure)	Procedure	CPT-4
33522	Coronary artery bypass, using venous graft(s) and arterial graft(s); 5 venous grafts (List separately in addition to code for primary procedure)	Procedure	CPT-4
33523	Coronary artery bypass, using venous graft(s) and arterial graft(s); 6 or more venous grafts (List separately in addition to code for primary procedure)	Procedure	CPT-4
33525	Coronary Artery Bypass, Nonautogenous Graft (eg, Synthetic Or Cadaver); Two Coronary Grafts	Procedure	CPT-4
33528	Coronary Artery Bypass, Nonautogenous Graft (eg, Synthetic Or Cadaver); Three Or More Coronary Grafts	Procedure	CPT-4
33530	Reoperation, coronary artery bypass procedure or valve procedure, more than 1 month after original operation (List separately in addition to code for primary procedure)	Procedure	CPT-4
33533	Coronary artery bypass, using arterial graft(s); single arterial graft	Procedure	CPT-4
33534	Coronary artery bypass, using arterial graft(s); 2 coronary arterial grafts	Procedure	CPT-4
33535	Coronary artery bypass, using arterial graft(s); 3 coronary arterial grafts	Procedure	CPT-4
33536	Coronary artery bypass, using arterial graft(s); 4 or more coronary arterial grafts	Procedure	CPT-4
33560	Myocardial Operation Combined With Coronary Bypass Procedure	Procedure	CPT-4
33570	CORONARY ANGIOPLASTY W/BYPASS	Procedure	CPT-4
33572	Coronary endarterectomy, open, any method, of left anterior descending, circumflex, or right coronary artery performed in conjunction with coronary artery bypass graft procedure, each vessel (List separately in addition to primary procedure)	Procedure	CPT-4
33575	CORON ANGIOPLSTY W/BYPASS; COMBO W/VASCULARIZAT	Procedure	CPT-4
35600	Harvest of upper extremity artery, 1 segment, for coronary artery bypass procedure (List separately in addition to code for primary procedure)	Procedure	CPT-4
3E07017	Introduction of Other Thrombolytic into Coronary Artery, Open Approach	Procedure	ICD-10-PCS
3E070PZ	Introduction of Platelet Inhibitor into Coronary Artery, Open Approach	Procedure	ICD-10-PCS
3E07317	Introduction of Other Thrombolytic into Coronary Artery, Percutaneous Approach	Procedure	ICD-10-PCS
3E073PZ	Introduction of Platelet Inhibitor into Coronary Artery, Percutaneous Approach	Procedure	ICD-10-PCS
92920	Percutaneous transluminal coronary angioplasty; single major coronary artery or branch	Procedure	CPT-4
92921	Percutaneous transluminal coronary angioplasty; each additional branch of a major coronary artery (List separately in addition to code for primary procedure)	Procedure	CPT-4
92924	Percutaneous transluminal coronary atherectomy, with coronary angioplasty when performed; single major coronary artery or branch	Procedure	CPT-4

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
92925	Percutaneous transluminal coronary atherectomy, with coronary angioplasty when performed; each additional branch of a major coronary artery (List separately in addition to code for primary procedure)	Procedure	CPT-4
92928	Percutaneous transcatheter placement of intracoronary stent(s), with coronary angioplasty when performed; single major coronary artery or branch	Procedure	CPT-4
92929	Percutaneous transcatheter placement of intracoronary stent(s), with coronary angioplasty when performed; each additional branch of a major coronary artery (List separately in addition to code for primary procedure)	Procedure	CPT-4
92933	Percutaneous transluminal coronary atherectomy, with intracoronary stent, with coronary angioplasty when performed; single major coronary artery or branch	Procedure	CPT-4
92934	Percutaneous transluminal coronary atherectomy, with intracoronary stent, with coronary angioplasty when performed; each additional branch of a major coronary artery (List separately in addition to code for primary procedure)	Procedure	CPT-4
92937	Percutaneous transluminal revascularization of or through coronary artery bypass graft (internal mammary, free arterial, venous), any combination of intracoronary stent, atherectomy and angioplasty, including distal protection when performed; single vessel	Procedure	CPT-4
92938	Percutaneous transluminal revascularization of or through coronary artery bypass graft (internal mammary, free arterial, venous), any combination of intracoronary stent, atherectomy and angioplasty, including distal protection when performed; each additional branch subtended by the bypass graft (List separately in addition to code for primary procedure)	Procedure	CPT-4
92941	Percutaneous transluminal revascularization of acute total/subtotal occlusion during acute myocardial infarction, coronary artery or coronary artery bypass graft, any combination of intracoronary stent, atherectomy and angioplasty, including aspiration thrombectomy when performed, single vessel	Procedure	CPT-4
92943	Percutaneous transluminal revascularization of chronic total occlusion, coronary artery, coronary artery branch, or coronary artery bypass graft, any combination of intracoronary stent, atherectomy and angioplasty; single vessel	Procedure	CPT-4
92944	Percutaneous transluminal revascularization of chronic total occlusion, coronary artery, coronary artery branch, or coronary artery bypass graft, any combination of intracoronary stent, atherectomy and angioplasty; each additional coronary artery, coronary artery branch, or bypass graft (List separately in addition to code for primary procedure)	Procedure	CPT-4
92973	Percutaneous transluminal coronary thrombectomy mechanical (List separately in addition to code for primary procedure)	Procedure	CPT-4
92974	Transcatheter placement of radiation delivery device for subsequent coronary intravascular brachytherapy (List separately in addition to code for primary procedure)	Procedure	CPT-4
92977	Thrombolysis, coronary; by intravenous infusion	Procedure	CPT-4
92980	Transcatheter placement of an intracoronary stent(s), percutaneous, with or without other therapeutic intervention, any method; single vessel	Procedure	CPT-4

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
92981	Transcatheter placement of an intracoronary stent(s), percutaneous, with or without other therapeutic intervention, any method; each additional vessel (List separately in addition to code for primary procedure)	Procedure	CPT-4
92982	Percutaneous transluminal coronary balloon angioplasty; single vessel	Procedure	CPT-4
92984	Percutaneous transluminal coronary balloon angioplasty; each additional vessel (List separately in addition to code for primary procedure)	Procedure	CPT-4
92995	Percutaneous transluminal coronary atherectomy, by mechanical or other method, with or without balloon angioplasty; single vessel	Procedure	CPT-4
92996	Percutaneous transluminal coronary atherectomy, by mechanical or other method, with or without balloon angioplasty; each additional vessel (List separately in addition to code for primary procedure)	Procedure	CPT-4
93455	Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with catheter placement(s) in bypass graft(s) (internal mammary, free arterial, venous grafts) including intraprocedural injection(s) for bypass graft angiography	Procedure	CPT-4
93457	Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with catheter placement(s) in bypass graft(s) (internal mammary, free arterial, venous grafts) including intraprocedural injection(s) for bypass graft angiography and right heart catheterization	Procedure	CPT-4
93459	Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with left heart catheterization including intraprocedural injection(s) for left ventriculography, when performed, catheter placement(s) in bypass graft(s) (internal mammary, free arterial, venous grafts) with bypass graft angiography	Procedure	CPT-4
93461	Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with right and left heart catheterization including intraprocedural injection(s) for left ventriculography, when performed, catheter placement(s) in bypass graft(s) (internal mammary, free arterial, venous grafts) with bypass graft angiography	Procedure	CPT-4
B2020ZZ	Plain Radiography of Single Coronary Artery Bypass Graft using High Osmolar Contrast	Procedure	ICD-10-PCS
B2021ZZ	Plain Radiography of Single Coronary Artery Bypass Graft using Low Osmolar Contrast	Procedure	ICD-10-PCS
B202YZZ	Plain Radiography of Single Coronary Artery Bypass Graft using Other Contrast	Procedure	ICD-10-PCS
B2030ZZ	Plain Radiography of Multiple Coronary Artery Bypass Grafts using High Osmolar Contrast	Procedure	ICD-10-PCS
B2031ZZ	Plain Radiography of Multiple Coronary Artery Bypass Grafts using Low Osmolar Contrast	Procedure	ICD-10-PCS
B203YZZ	Plain Radiography of Multiple Coronary Artery Bypass Grafts using Other Contrast	Procedure	ICD-10-PCS
B2070ZZ	Plain Radiography of Right Internal Mammary Bypass Graft using High Osmolar Contrast	Procedure	ICD-10-PCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
B2071ZZ	Plain Radiography of Right Internal Mammary Bypass Graft using Low Osmolar Contrast	Procedure	ICD-10-PCS
B207YZZ	Plain Radiography of Right Internal Mammary Bypass Graft using Other Contrast	Procedure	ICD-10-PCS
B2080ZZ	Plain Radiography of Left Internal Mammary Bypass Graft using High Osmolar Contrast	Procedure	ICD-10-PCS
B2081ZZ	Plain Radiography of Left Internal Mammary Bypass Graft using Low Osmolar Contrast	Procedure	ICD-10-PCS
B208YZZ	Plain Radiography of Left Internal Mammary Bypass Graft using Other Contrast	Procedure	ICD-10-PCS
B20F0ZZ	Plain Radiography of Other Bypass Graft using High Osmolar Contrast	Procedure	ICD-10-PCS
B20F1ZZ	Plain Radiography of Other Bypass Graft using Low Osmolar Contrast	Procedure	ICD-10-PCS
B20FYZZ	Plain Radiography of Other Bypass Graft using Other Contrast	Procedure	ICD-10-PCS
B212010	Fluoroscopy of Single Coronary Artery Bypass Graft using High Osmolar Contrast, Laser Intraoperative	Procedure	ICD-10-PCS
B2120ZZ	Fluoroscopy of Single Coronary Artery Bypass Graft using High Osmolar Contrast	Procedure	ICD-10-PCS
B212110	Fluoroscopy of Single Coronary Artery Bypass Graft using Low Osmolar Contrast, Laser Intraoperative	Procedure	ICD-10-PCS
B2121ZZ	Fluoroscopy of Single Coronary Artery Bypass Graft using Low Osmolar Contrast	Procedure	ICD-10-PCS
B212Y10	Fluoroscopy of Single Coronary Artery Bypass Graft using Other Contrast, Laser Intraoperative	Procedure	ICD-10-PCS
B212YZZ	Fluoroscopy of Single Coronary Artery Bypass Graft using Other Contrast	Procedure	ICD-10-PCS
B213010	Fluoroscopy of Multiple Coronary Artery Bypass Grafts using High Osmolar Contrast, Laser Intraoperative	Procedure	ICD-10-PCS
B2130ZZ	Fluoroscopy of Multiple Coronary Artery Bypass Grafts using High Osmolar Contrast	Procedure	ICD-10-PCS
B213110	Fluoroscopy of Multiple Coronary Artery Bypass Grafts using Low Osmolar Contrast, Laser Intraoperative	Procedure	ICD-10-PCS
B2131ZZ	Fluoroscopy of Multiple Coronary Artery Bypass Grafts using Low Osmolar Contrast	Procedure	ICD-10-PCS
B213Y10	Fluoroscopy of Multiple Coronary Artery Bypass Grafts using Other Contrast, Laser Intraoperative	Procedure	ICD-10-PCS
B213YZZ	Fluoroscopy of Multiple Coronary Artery Bypass Grafts using Other Contrast	Procedure	ICD-10-PCS
B2170ZZ	Fluoroscopy of Right Internal Mammary Bypass Graft using High Osmolar Contrast	Procedure	ICD-10-PCS
B2171ZZ	Fluoroscopy of Right Internal Mammary Bypass Graft using Low Osmolar Contrast	Procedure	ICD-10-PCS
B217YZZ	Fluoroscopy of Right Internal Mammary Bypass Graft using Other Contrast	Procedure	ICD-10-PCS
B2180ZZ	Fluoroscopy of Left Internal Mammary Bypass Graft using High Osmolar Contrast	Procedure	ICD-10-PCS
B2181ZZ	Fluoroscopy of Left Internal Mammary Bypass Graft using Low Osmolar Contrast	Procedure	ICD-10-PCS
B218YZZ	Fluoroscopy of Left Internal Mammary Bypass Graft using Other Contrast	Procedure	ICD-10-PCS
B21F0ZZ	Fluoroscopy of Other Bypass Graft using High Osmolar Contrast	Procedure	ICD-10-PCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
B21F1ZZ	Fluoroscopy of Other Bypass Graft using Low Osmolar Contrast	Procedure	ICD-10-PCS
B21FYZZ	Fluoroscopy of Other Bypass Graft using Other Contrast	Procedure	ICD-10-PCS
C1034	Catheter, coronary angioplasty, surpass superfusion catheter, long 30 surpass superfusion catheter	Procedure	HCPCS
C1100	Guide wire, percutaneous transluminal coronary angioplasty, medtronic ave gt1 guide wire, medtronic ave gt2 fusion guide wire, interventional technologies trackwire, interventional technologies trackwire support, interventional technologies trackwire extra support	Procedure	HCPCS
C1101	Catheter, percutaneous transluminal coronary angioplasty guide, medtronic ave 5f, 6f, 7f, 8f, 9f zuma guide catheter, medtronic ave z2 5f, 6f, 7f, 8f, 9f zuma guide catheter, medtronic ave vector guide catheter, medtronic ave vector x guide catheter. note: only the medtronic ave z2 zuma guide catheters are effective october 1, 2000. the medtronic ave zuma guide catheters were effective august 1, 2000	Procedure	HCPCS
C1366	Guide wire, percutaneous transluminal coronary angioplasty, hi-torque iron man, hi-torque balance middleweight, hi-torque all star, hi-torque balance heavyweight, hi-torque balance trek	Procedure	HCPCS
C1367	Guide wire, percutaneous transluminal coronary angioplasty, hi-torque cross it, hi-torque cross-it 100xt, hi-torque cross-it 200xt, hi-torque cross-it 300xt, hi-torque wiggle	Procedure	HCPCS
C1500	Atherectomy system, peripheral, rotablator rotational angioplasty system with rotalink exchangeable catheter, advancer, and guide wire	Procedure	HCPCS
C1725	Catheter, transluminal angioplasty, nonlaser (may include guidance, infusion/perfusion capability)	Procedure	HCPCS
C1885	Catheter, transluminal angioplasty, laser	Procedure	HCPCS
C1930	Catheter, percutaneous transluminal coronary angioplasty, coyote dilatation catheter 20mm/30mm/40mm	Procedure	HCPCS
C1933	Catheter, opti-plast centurion 5.5f pta catheter (shaft length 50 cm to 120 cm), opti-plast xl 5.5f pta catheter (shaft length 75 cm to 120 cm), opti-plast pta catheter (5.5 fr), tru trac 5fr percutaneous transluminal angioplasty balloon dilatation catheter, optiplast xt 5 fr percutaneous transluminal angioplasty catheter (various sizes)	Procedure	HCPCS
C1948	Catheter, pursuit balloon angioplasty catheter, cook accent balloon angioplasty catheter	Procedure	HCPCS
C1981	Catheter ,coronary angioplasty balloon, adante, bonnie, bonnie 15mm, bonnie monorail 30mm or 40mm, bonnie sliding rail, bypass speedy, chubby, chubby sliding rail, coyote 20mm, coyote 9/15/25mm, maxxum, nc ranger, nc ranger 9mm, ranger 20mm, long ranger 30mm or 40mm, nc ranger 16/18mm, nc ranger 22/25/30mm, nc big ranger, quantum ranger, quantum ranger 1/4 sizes, quantum ranger 9/16/18mm, quantum ranger 22/30mm, quantum ranger 25mm, ranger lp 20/30/40, viva/long viva, ace - 1cm, ace - 2cm, ace graft, long ace, pivot cobra (10, 14, 18, 30, 40mm in lengths) note: only the bonnie monorail 30mm or	Procedure	HCPCS
C2605	Catheter, spectranetics extreme laser catheter, spectranetics extreme 0.9mm coronary angioplasty catheter (model 110-001)	Procedure	HCPCS
C2623	Catheter, transluminal angioplasty, drug-coated, nonlaser	Procedure	HCPCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
C3551	Guide wire, percutaneous transluminal coronary angioplasty, choice, luge, patriot, pt graphix intermediate, trooper, mailman 182/300 cm, glidewire gold guidewire, platinum plus guidewire, platinum plus guidewire with glidex hydrophilic coating, jagwire single-use high performance guide wire, merit medical systems extender guidewire, merit medical systems tomcat ptca guidewire, platinum plus guidewire (0.014 and 0.018 in diameters)	Procedure	HCPCS
C8526	Optiplast xt 5f percutaneous transluminal angioplasty catheter (various sizes)	Procedure	HCPCS
C9600	Percutaneous transcatheter placement of drug eluting intracoronary stent(s), with coronary angioplasty when performed; single major coronary artery or branch	Procedure	HCPCS
C9601	Percutaneous transcatheter placement of drug-eluting intracoronary stent(s), with coronary angioplasty when performed; each additional branch of a major coronary artery (list separately in addition to code for primary procedure)	Procedure	HCPCS
C9602	Percutaneous transluminal coronary atherectomy, with drug eluting intracoronary stent, with coronary angioplasty when performed; single major coronary artery or branch	Procedure	HCPCS
C9603	Percutaneous transluminal coronary atherectomy, with drug-eluting intracoronary stent, with coronary angioplasty when performed; each additional branch of a major coronary artery (list separately in addition to code for primary procedure)	Procedure	HCPCS
C9604	Percutaneous transluminal revascularization of or through coronary artery bypass graft (internal mammary, free arterial, venous), any combination of drug-eluting intracoronary stent, atherectomy and angioplasty, including distal protection when performed: single vessel	Procedure	HCPCS
C9605	Percutaneous transluminal revascularization of or through coronary artery bypass graft (internal mammary, free arterial, venous), any combination of drug-eluting intracoronary stent, atherectomy and angioplasty, including distal protection when performed; each additional branch subtended by the bypass graft (list separately in addition to code for primary procedure)	Procedure	HCPCS
C9606	Percutaneous transluminal revascularization of acute total/subtotal occlusion during acute myocardial infarction, coronary artery or coronary artery bypass graft, any combination of drug-eluting intracoronary stent, atherectomy and angioplasty, including aspiration thrombectomy when performed, single vessel	Procedure	HCPCS
C9607	Percutaneous transluminal revascularization of chronic total occlusion, coronary artery, coronary artery branch, or coronary artery bypass graft, any combination of drug-eluting intracoronary stent, atherectomy and angioplasty; single vessel	Procedure	HCPCS
C9608	Percutaneous transluminal revascularization of chronic total occlusion, coronary artery, coronary artery branch, or coronary artery bypass graft, any combination of drug-eluting intracoronary stent, atherectomy and angioplasty; each additional coronary artery, coronary artery branch, or bypass graft (list separately in addition to code for primary procedure)	Procedure	HCPCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
G0290	Transcatheter placement of a drug eluting intracoronary stent(s), percutaneous, with or without other therapeutic intervention, any method; single vessel	Procedure	HCPCS
G0291	Transcatheter placement of a drug eluting intracoronary stent(s), percutaneous, with or without other therapeutic intervention, any method; each additional vessel	Procedure	HCPCS
I20	Angina pectoris	Diagnosis	ICD-10-CM
I20.0	Unstable angina	Diagnosis	ICD-10-CM
I20.1	Angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I20.8	Other forms of angina pectoris	Diagnosis	ICD-10-CM
I20.9	Angina pectoris, unspecified	Diagnosis	ICD-10-CM
I23.7	Postinfarction angina	Diagnosis	ICD-10-CM
I24	Other acute ischemic heart diseases	Diagnosis	ICD-10-CM
I24.0	Acute coronary thrombosis not resulting in myocardial infarction	Diagnosis	ICD-10-CM
I24.8	Other forms of acute ischemic heart disease	Diagnosis	ICD-10-CM
I24.9	Acute ischemic heart disease, unspecified	Diagnosis	ICD-10-CM
I25	Chronic ischemic heart disease	Diagnosis	ICD-10-CM
I25.1	Atherosclerotic heart disease of native coronary artery	Diagnosis	ICD-10-CM
I25.10	Atherosclerotic heart disease of native coronary artery without angina pectoris	Diagnosis	ICD-10-CM
I25.11	Atherosclerotic heart disease of native coronary artery with angina pectoris	Diagnosis	ICD-10-CM
I25.110	Atherosclerotic heart disease of native coronary artery with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.111	Atherosclerotic heart disease of native coronary artery with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.118	Atherosclerotic heart disease of native coronary artery with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.119	Atherosclerotic heart disease of native coronary artery with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.5	Ischemic cardiomyopathy	Diagnosis	ICD-10-CM
I25.6	Silent myocardial ischemia	Diagnosis	ICD-10-CM
I25.7	Atherosclerosis of coronary artery bypass graft(s) and coronary artery of transplanted heart with angina pectoris	Diagnosis	ICD-10-CM
I25.70	Atherosclerosis of coronary artery bypass graft(s), unspecified, with angina pectoris	Diagnosis	ICD-10-CM
I25.700	Atherosclerosis of coronary artery bypass graft(s), unspecified, with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.701	Atherosclerosis of coronary artery bypass graft(s), unspecified, with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.708	Atherosclerosis of coronary artery bypass graft(s), unspecified, with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.709	Atherosclerosis of coronary artery bypass graft(s), unspecified, with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.71	Atherosclerosis of autologous vein coronary artery bypass graft(s) with angina pectoris	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I25.710	Atherosclerosis of autologous vein coronary artery bypass graft(s) with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.711	Atherosclerosis of autologous vein coronary artery bypass graft(s) with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.718	Atherosclerosis of autologous vein coronary artery bypass graft(s) with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.719	Atherosclerosis of autologous vein coronary artery bypass graft(s) with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.72	Atherosclerosis of autologous artery coronary artery bypass graft(s) with angina pectoris	Diagnosis	ICD-10-CM
I25.720	Atherosclerosis of autologous artery coronary artery bypass graft(s) with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.721	Atherosclerosis of autologous artery coronary artery bypass graft(s) with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.728	Atherosclerosis of autologous artery coronary artery bypass graft(s) with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.729	Atherosclerosis of autologous artery coronary artery bypass graft(s) with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.73	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with angina pectoris	Diagnosis	ICD-10-CM
I25.730	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.731	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.738	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.739	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.75	Atherosclerosis of native coronary artery of transplanted heart with angina pectoris	Diagnosis	ICD-10-CM
I25.750	Atherosclerosis of native coronary artery of transplanted heart with unstable angina	Diagnosis	ICD-10-CM
I25.751	Atherosclerosis of native coronary artery of transplanted heart with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.758	Atherosclerosis of native coronary artery of transplanted heart with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.759	Atherosclerosis of native coronary artery of transplanted heart with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.76	Atherosclerosis of bypass graft of coronary artery of transplanted heart with angina pectoris	Diagnosis	ICD-10-CM
I25.760	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unstable angina	Diagnosis	ICD-10-CM
I25.761	Atherosclerosis of bypass graft of coronary artery of transplanted heart with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.768	Atherosclerosis of bypass graft of coronary artery of transplanted heart with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.769	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unspecified angina pectoris	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I25.79	Atherosclerosis of other coronary artery bypass graft(s) with angina pectoris	Diagnosis	ICD-10-CM
I25.790	Atherosclerosis of other coronary artery bypass graft(s) with unstable angina pectoris	Diagnosis	ICD-10-CM
I25.791	Atherosclerosis of other coronary artery bypass graft(s) with angina pectoris with documented spasm	Diagnosis	ICD-10-CM
I25.798	Atherosclerosis of other coronary artery bypass graft(s) with other forms of angina pectoris	Diagnosis	ICD-10-CM
I25.799	Atherosclerosis of other coronary artery bypass graft(s) with unspecified angina pectoris	Diagnosis	ICD-10-CM
I25.8	Other forms of chronic ischemic heart disease	Diagnosis	ICD-10-CM
I25.81	Atherosclerosis of other coronary vessels without angina pectoris	Diagnosis	ICD-10-CM
I25.810	Atherosclerosis of coronary artery bypass graft(s) without angina pectoris	Diagnosis	ICD-10-CM
I25.811	Atherosclerosis of native coronary artery of transplanted heart without angina pectoris	Diagnosis	ICD-10-CM
I25.812	Atherosclerosis of bypass graft of coronary artery of transplanted heart without angina pectoris	Diagnosis	ICD-10-CM
I25.82	Chronic total occlusion of coronary artery	Diagnosis	ICD-10-CM
I25.83	Coronary atherosclerosis due to lipid rich plaque	Diagnosis	ICD-10-CM
I25.84	Coronary atherosclerosis due to calcified coronary lesion	Diagnosis	ICD-10-CM
I25.89	Other forms of chronic ischemic heart disease	Diagnosis	ICD-10-CM
I25.9	Chronic ischemic heart disease, unspecified	Diagnosis	ICD-10-CM
I46.2	Cardiac arrest due to underlying cardiac condition	Diagnosis	ICD-10-CM
I46.8	Cardiac arrest due to other underlying condition	Diagnosis	ICD-10-CM
I46.9	Cardiac arrest, cause unspecified	Diagnosis	ICD-10-CM
I47.0	Re-entry ventricular arrhythmia	Diagnosis	ICD-10-CM
I47.2	Ventricular tachycardia	Diagnosis	ICD-10-CM
I70	Atherosclerosis	Diagnosis	ICD-10-CM
I70.0	Atherosclerosis of aorta	Diagnosis	ICD-10-CM
I70.1	Atherosclerosis of renal artery	Diagnosis	ICD-10-CM
I70.8	Atherosclerosis of other arteries	Diagnosis	ICD-10-CM
I70.9	Other and unspecified atherosclerosis	Diagnosis	ICD-10-CM
I70.90	Unspecified atherosclerosis	Diagnosis	ICD-10-CM
I70.91	Generalized atherosclerosis	Diagnosis	ICD-10-CM
S2205	Minimally invasive direct coronary artery bypass surgery involving mini-thoracotomy or mini-sternotomy surgery, performed under direct vision; using arterial graft(s), single coronary arterial graft	Procedure	HCPCS
S2206	Minimally invasive direct coronary artery bypass surgery involving mini-thoracotomy or mini-sternotomy surgery, performed under direct vision; using arterial graft(s), 2 coronary arterial grafts	Procedure	HCPCS
S2207	Minimally invasive direct coronary artery bypass surgery involving mini-thoracotomy or mini-sternotomy surgery, performed under direct vision; using venous graft only, single coronary venous graft	Procedure	HCPCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
S2208	Minimally invasive direct coronary artery bypass surgery involving mini-thoracotomy or mini-sternotomy surgery, performed under direct vision; using single arterial and venous graft(s), single venous graft	Procedure	HCPCS
S2209	Minimally invasive direct coronary artery bypass surgery involving mini-thoracotomy or mini-sternotomy surgery, performed under direct vision; using 2 arterial grafts and single venous graft	Procedure	HCPCS
T82.211A	Breakdown (mechanical) of coronary artery bypass graft, initial encounter	Diagnosis	ICD-10-CM
T82.212A	Displacement of coronary artery bypass graft, initial encounter	Diagnosis	ICD-10-CM
T82.213A	Leakage of coronary artery bypass graft, initial encounter	Diagnosis	ICD-10-CM
T82.218A	Other mechanical complication of coronary artery bypass graft, initial encounter	Diagnosis	ICD-10-CM
X2C0361	Extirpation of Matter from Coronary Artery, One Artery using Orbital Atherectomy Technology, Percutaneous Approach, New Technology Group 1	Procedure	ICD-10-PCS
X2C1361	Extirpation of Matter from Coronary Artery, Two Arteries using Orbital Atherectomy Technology, Percutaneous Approach, New Technology Group 1	Procedure	ICD-10-PCS
X2C2361	Extirpation of Matter from Coronary Artery, Three Arteries using Orbital Atherectomy Technology, Percutaneous Approach, New Technology Group 1	Procedure	ICD-10-PCS
X2C3361	Extirpation of Matter from Coronary Artery, Four or More Arteries using Orbital Atherectomy Technology, Percutaneous Approach, New Technology Group 1	Procedure	ICD-10-PCS
Z95.1	Presence of aortocoronary bypass graft	Diagnosis	ICD-10-CM
Z95.5	Presence of coronary angioplasty implant and graft	Diagnosis	ICD-10-CM
Dementia			
A52.17	General paresis	Diagnosis	ICD-10-CM
F01	Vascular dementia	Diagnosis	ICD-10-CM
F01.5	Vascular dementia	Diagnosis	ICD-10-CM
F01.50	Vascular dementia without behavioral disturbance	Diagnosis	ICD-10-CM
F01.51	Vascular dementia with behavioral disturbance	Diagnosis	ICD-10-CM
F02	Dementia in other diseases classified elsewhere	Diagnosis	ICD-10-CM
F02.8	Dementia in other diseases classified elsewhere	Diagnosis	ICD-10-CM
F02.80	Dementia in other diseases classified elsewhere without behavioral disturbance	Diagnosis	ICD-10-CM
F02.81	Dementia in other diseases classified elsewhere with behavioral disturbance	Diagnosis	ICD-10-CM
F03	Unspecified dementia	Diagnosis	ICD-10-CM
F03.9	Unspecified dementia	Diagnosis	ICD-10-CM
F03.90	Unspecified dementia without behavioral disturbance	Diagnosis	ICD-10-CM
F03.91	Unspecified dementia with behavioral disturbance	Diagnosis	ICD-10-CM
F10.27	Alcohol dependence with alcohol-induced persisting dementia	Diagnosis	ICD-10-CM
F10.97	Alcohol use, unspecified with alcohol-induced persisting dementia	Diagnosis	ICD-10-CM
F13.27	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced persisting dementia	Diagnosis	ICD-10-CM
F13.97	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced persisting dementia	Diagnosis	ICD-10-CM
F18.17	Inhalant abuse with inhalant-induced dementia	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
F18.27	Inhalant dependence with inhalant-induced dementia	Diagnosis	ICD-10-CM
F18.97	Inhalant use, unspecified with inhalant-induced persisting dementia	Diagnosis	ICD-10-CM
F19.17	Other psychoactive substance abuse with psychoactive substance-induced persisting dementia	Diagnosis	ICD-10-CM
F19.27	Other psychoactive substance dependence with psychoactive substance-induced persisting dementia	Diagnosis	ICD-10-CM
F19.97	Other psychoactive substance use, unspecified with psychoactive substance-induced persisting dementia	Diagnosis	ICD-10-CM
G30	Alzheimer's disease	Diagnosis	ICD-10-CM
G30.0	Alzheimer's disease with early onset	Diagnosis	ICD-10-CM
G30.1	Alzheimer's disease with late onset	Diagnosis	ICD-10-CM
G30.8	Other Alzheimer's disease	Diagnosis	ICD-10-CM
G30.9	Alzheimer's disease, unspecified	Diagnosis	ICD-10-CM
G31.0	Frontotemporal dementia	Diagnosis	ICD-10-CM
G31.01	Pick's disease	Diagnosis	ICD-10-CM
G31.09	Other frontotemporal dementia	Diagnosis	ICD-10-CM
G31.83	Dementia with Lewy bodies	Diagnosis	ICD-10-CM
Depression			
0545F	Plan for follow-up care for major depressive disorder, documented (MDD ADOL)	Procedure	CPT-2
1040F	DSM-5 criteria for major depressive disorder documented at the initial evaluation (MDD, MDD ADOL)	Procedure	CPT-2
2060F	Patient interviewed directly on or before date of diagnosis of major depressive disorder (MDD ADOL)	Procedure	CPT-2
3088F	Major depressive disorder, mild (MDD)	Procedure	CPT-2
3089F	Major depressive disorder, moderate (MDD)	Procedure	CPT-2
3090F	Major depressive disorder, severe without psychotic features (MDD)	Procedure	CPT-2
3091F	Major depressive disorder, severe with psychotic features (MDD)	Procedure	CPT-2
3092F	Major depressive disorder, in remission (MDD)	Procedure	CPT-2
3093F	Documentation of new diagnosis of initial or recurrent episode of major depressive disorder (MDD)	Procedure	CPT-2
3353F	Mild to moderate depressive symptoms as categorized by using a standardized depression screening/assessment tool (MDD)	Procedure	CPT-2
3354F	Clinically significant depressive symptoms as categorized by using a standardized depression screening/assessment tool (MDD)	Procedure	CPT-2
4063F	Antidepressant pharmacotherapy considered and not prescribed (MDD ADOL)	Procedure	CPT-2
4064F	Antidepressant pharmacotherapy prescribed (MDD, MDD ADOL)	Procedure	CPT-2
90867	Therapeutic repetitive transcranial magnetic stimulation (TMS) treatment; initial, including cortical mapping, motor threshold determination, delivery and management	Procedure	CPT-4
90868	Therapeutic repetitive transcranial magnetic stimulation (TMS) treatment; subsequent delivery and management, per session	Procedure	CPT-4

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
90869	Therapeutic repetitive transcranial magnetic stimulation (TMS) treatment; subsequent motor threshold re-determination with delivery and management	Procedure	CPT-4
F06.31	Mood disorder due to known physiological condition with depressive features	Diagnosis	ICD-10-CM
F06.32	Mood disorder due to known physiological condition with major depressive-like episode	Diagnosis	ICD-10-CM
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
F32.8	Other depressive episodes	Diagnosis	ICD-10-CM
F32.89	Other specified depressive episodes	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
G8126	Patient with a diagnosis of major depression documented as being treated with antidepressant medication during the entire 84 day (12 week) acute treatment phase	Procedure	HCPCS
G8127	Patient with a diagnosis of major depression not documented as being treated with antidepressant medication during the entire 84 day (12 week) acute treatment phase	Procedure	HCPCS
G8128	Clinician documented that patient was not an eligible candidate for antidepressant medication during the entire 12 week acute treatment phase measure	Procedure	HCPCS
G8129	Patient documented as being treated with antidepressant medication for at least 6 months continuous treatment phase	Procedure	HCPCS
G8130	Patient not documented as being treated with antidepressant medication for at least 6 months continuous treatment phase	Procedure	HCPCS
G8131	Clinician documented that patient was not an eligible candidate for antidepressant medication for continuous treatment phase	Procedure	HCPCS
G8466	Clinician documented that patient is not an eligible candidate for suicide risk assessment; major depressive disorder, in remission	Procedure	HCPCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
G8467	Documentation of new diagnosis of initial or recurrent episode of major depressive disorder	Procedure	HCPCS
G8930	Assessment of depression severity at the initial evaluation	Procedure	HCPCS
G8931	Assessment of depression severity not documented, reason not given	Procedure	HCPCS
G8959	Clinician treating major depressive disorder communicates to clinician treating comorbid condition	Procedure	HCPCS
G8960	Clinician treating major depressive disorder did not communicate to clinician treating comorbid condition, reason not given	Procedure	HCPCS
G9193	Clinician documented that patient with a diagnosis of major depression was not an eligible candidate for antidepressant medication treatment or patient did not have a diagnosis of major depression	Procedure	HCPCS
G9194	Patient with a diagnosis of major depression documented as being treated with antidepressant medication during the entire 180 day (6 month) continuation treatment phase	Procedure	HCPCS
G9195	Patient with a diagnosis of major depression not documented as being treated with antidepressant medication during the entire 180 day (6 months) continuation treatment phase	Procedure	HCPCS
G9212	DSM-IV-TR criteria for major depressive disorder documented at the initial evaluation	Procedure	HCPCS
G9213	DSM-IV-TR criteria for major depressive disorder not documented at the initial evaluation, reason not otherwise specified	Procedure	HCPCS
G9232	Clinician treating major depressive disorder did not communicate to clinician treating comorbid condition for specified patient reason (e.g., patient is unable to communicate the diagnosis of a comorbid condition; the patient is unwilling to communicate the diagnosis of a comorbid condition; or the patient is unaware of the comorbid condition, or any other specified patient reason)	Procedure	HCPCS
G9509	Adult patients 18 years of age or older with major depression or dysthymia who reached remission at twelve months as demonstrated by a twelve-month (+/-60 days) PHQ-9 or PHQ-9M score of less than 5	Procedure	HCPCS
G9573	Adult patients 18 years of age or older with major depression or dysthymia who did not reach remission at six months as demonstrated by a six-month (+/-60 days) PHQ-9 or PHQ-9M score of less than five	Procedure	HCPCS
G9574	Adult patients 18 years of age or older with major depression or dysthymia who did not reach remission at six months as demonstrated by a six-month (+/-60 days) PHQ-9 or PHQ-9M score of less than five; either PHQ-9 or PHQ-9M score was not assessed or is greater than or equal to five	Procedure	HCPCS
G9717	Documentation stating the patient has had a diagnosis of depression or has had a diagnosis of bipolar disorder	Procedure	HCPCS
M1019	Adolescent patients 12 to 17 years of age with major depression or dysthymia who reached remission at 12 months as demonstrated by a 12 month (+/-60 days) PHQ-9 or PHQ-9M score of less than 5	Procedure	HCPCS
S3005	Performance measurement, evaluation of patient self assessment, depression	Procedure	HCPCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
Diabetes			
E08	Diabetes mellitus due to underlying condition	Diagnosis	ICD-10-CM
E08.0	Diabetes mellitus due to underlying condition with hyperosmolarity	Diagnosis	ICD-10-CM
E08.00	Diabetes mellitus due to underlying condition with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)	Diagnosis	ICD-10-CM
E08.01	Diabetes mellitus due to underlying condition with hyperosmolarity with coma	Diagnosis	ICD-10-CM
E08.1	Diabetes mellitus due to underlying condition with ketoacidosis	Diagnosis	ICD-10-CM
E08.10	Diabetes mellitus due to underlying condition with ketoacidosis without coma	Diagnosis	ICD-10-CM
E08.11	Diabetes mellitus due to underlying condition with ketoacidosis with coma	Diagnosis	ICD-10-CM
E08.2	Diabetes mellitus due to underlying condition with kidney complications	Diagnosis	ICD-10-CM
E08.21	Diabetes mellitus due to underlying condition with diabetic nephropathy	Diagnosis	ICD-10-CM
E08.22	Diabetes mellitus due to underlying condition with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E08.29	Diabetes mellitus due to underlying condition with other diabetic kidney complication	Diagnosis	ICD-10-CM
E08.3	Diabetes mellitus due to underlying condition with ophthalmic complications	Diagnosis	ICD-10-CM
E08.31	Diabetes mellitus due to underlying condition with unspecified diabetic retinopathy	Diagnosis	ICD-10-CM
E08.311	Diabetes mellitus due to underlying condition with unspecified diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E08.319	Diabetes mellitus due to underlying condition with unspecified diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E08.32	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E08.321	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E08.3211	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E08.3212	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E08.3213	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E08.3219	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E08.329	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E08.3291	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E08.3292	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E08.3293	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E08.3299	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
E08.33	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E08.331	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E08.3311	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E08.3312	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E08.3313	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E08.3319	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E08.339	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E08.3391	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E08.3392	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E08.3393	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E08.3399	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E08.34	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E08.341	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E08.3411	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E08.3412	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E08.3413	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E08.3419	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E08.349	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E08.3491	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E08.3492	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E08.3493	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E08.3499	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E08.35	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
E08.351	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E08.3511	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E08.3512	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E08.3513	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E08.3519	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E08.352	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula	Diagnosis	ICD-10-CM
E08.3521	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	Diagnosis	ICD-10-CM
E08.3522	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	Diagnosis	ICD-10-CM
E08.3523	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral	Diagnosis	ICD-10-CM
E08.3529	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E08.353	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula	Diagnosis	ICD-10-CM
E08.3531	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye	Diagnosis	ICD-10-CM
E08.3532	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye	Diagnosis	ICD-10-CM
E08.3533	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral	Diagnosis	ICD-10-CM
E08.3539	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E08.354	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment	Diagnosis	ICD-10-CM
E08.3541	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye	Diagnosis	ICD-10-CM
E08.3542	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
E08.3543	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral	Diagnosis	ICD-10-CM
E08.3549	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye	Diagnosis	ICD-10-CM
E08.355	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E08.3551	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy, right eye	Diagnosis	ICD-10-CM
E08.3552	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy, left eye	Diagnosis	ICD-10-CM
E08.3553	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy, bilateral	Diagnosis	ICD-10-CM
E08.3559	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy, unspecified eye	Diagnosis	ICD-10-CM
E08.359	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E08.3591	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E08.3592	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E08.3593	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E08.3599	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E08.36	Diabetes mellitus due to underlying condition with diabetic cataract	Diagnosis	ICD-10-CM
E08.37	Diabetes mellitus due to underlying condition with diabetic macular edema, resolved following treatment	Diagnosis	ICD-10-CM
E08.37X1	Diabetes mellitus due to underlying condition with diabetic macular edema, resolved following treatment, right eye	Diagnosis	ICD-10-CM
E08.37X2	Diabetes mellitus due to underlying condition with diabetic macular edema, resolved following treatment, left eye	Diagnosis	ICD-10-CM
E08.37X3	Diabetes mellitus due to underlying condition with diabetic macular edema, resolved following treatment, bilateral	Diagnosis	ICD-10-CM
E08.37X9	Diabetes mellitus due to underlying condition with diabetic macular edema, resolved following treatment, unspecified eye	Diagnosis	ICD-10-CM
E08.39	Diabetes mellitus due to underlying condition with other diabetic ophthalmic complication	Diagnosis	ICD-10-CM
E08.4	Diabetes mellitus due to underlying condition with neurological complications	Diagnosis	ICD-10-CM
E08.40	Diabetes mellitus due to underlying condition with diabetic neuropathy, unspecified	Diagnosis	ICD-10-CM
E08.41	Diabetes mellitus due to underlying condition with diabetic mononeuropathy	Diagnosis	ICD-10-CM
E08.42	Diabetes mellitus due to underlying condition with diabetic polyneuropathy	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
E08.43	Diabetes mellitus due to underlying condition with diabetic autonomic (poly)neuropathy	Diagnosis	ICD-10-CM
E08.44	Diabetes mellitus due to underlying condition with diabetic amyotrophy	Diagnosis	ICD-10-CM
E08.49	Diabetes mellitus due to underlying condition with other diabetic neurological complication	Diagnosis	ICD-10-CM
E08.5	Diabetes mellitus due to underlying condition with circulatory complications	Diagnosis	ICD-10-CM
E08.51	Diabetes mellitus due to underlying condition with diabetic peripheral angiopathy without gangrene	Diagnosis	ICD-10-CM
E08.52	Diabetes mellitus due to underlying condition with diabetic peripheral angiopathy with gangrene	Diagnosis	ICD-10-CM
E08.59	Diabetes mellitus due to underlying condition with other circulatory complications	Diagnosis	ICD-10-CM
E08.6	Diabetes mellitus due to underlying condition with other specified complications	Diagnosis	ICD-10-CM
E08.61	Diabetes mellitus due to underlying condition with diabetic arthropathy	Diagnosis	ICD-10-CM
E08.610	Diabetes mellitus due to underlying condition with diabetic neuropathic arthropathy	Diagnosis	ICD-10-CM
E08.618	Diabetes mellitus due to underlying condition with other diabetic arthropathy	Diagnosis	ICD-10-CM
E08.62	Diabetes mellitus due to underlying condition with skin complications	Diagnosis	ICD-10-CM
E08.620	Diabetes mellitus due to underlying condition with diabetic dermatitis	Diagnosis	ICD-10-CM
E08.621	Diabetes mellitus due to underlying condition with foot ulcer	Diagnosis	ICD-10-CM
E08.622	Diabetes mellitus due to underlying condition with other skin ulcer	Diagnosis	ICD-10-CM
E08.628	Diabetes mellitus due to underlying condition with other skin complications	Diagnosis	ICD-10-CM
E08.63	Diabetes mellitus due to underlying condition with oral complications	Diagnosis	ICD-10-CM
E08.630	Diabetes mellitus due to underlying condition with periodontal disease	Diagnosis	ICD-10-CM
E08.638	Diabetes mellitus due to underlying condition with other oral complications	Diagnosis	ICD-10-CM
E08.64	Diabetes mellitus due to underlying condition with hypoglycemia	Diagnosis	ICD-10-CM
E08.641	Diabetes mellitus due to underlying condition with hypoglycemia with coma	Diagnosis	ICD-10-CM
E08.649	Diabetes mellitus due to underlying condition with hypoglycemia without coma	Diagnosis	ICD-10-CM
E08.65	Diabetes mellitus due to underlying condition with hyperglycemia	Diagnosis	ICD-10-CM
E08.69	Diabetes mellitus due to underlying condition with other specified complication	Diagnosis	ICD-10-CM
E08.8	Diabetes mellitus due to underlying condition with unspecified complications	Diagnosis	ICD-10-CM
E08.9	Diabetes mellitus due to underlying condition without complications	Diagnosis	ICD-10-CM
E09	Drug or chemical induced diabetes mellitus	Diagnosis	ICD-10-CM
E09.0	Drug or chemical induced diabetes mellitus with hyperosmolarity	Diagnosis	ICD-10-CM
E09.00	Drug or chemical induced diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
E09.01	Drug or chemical induced diabetes mellitus with hyperosmolarity with coma	Diagnosis	ICD-10-CM
E09.1	Drug or chemical induced diabetes mellitus with ketoacidosis	Diagnosis	ICD-10-CM
E09.10	Drug or chemical induced diabetes mellitus with ketoacidosis without coma	Diagnosis	ICD-10-CM
E09.11	Drug or chemical induced diabetes mellitus with ketoacidosis with coma	Diagnosis	ICD-10-CM
E09.2	Drug or chemical induced diabetes mellitus with kidney complications	Diagnosis	ICD-10-CM
E09.21	Drug or chemical induced diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E09.22	Drug or chemical induced diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E09.29	Drug or chemical induced diabetes mellitus with other diabetic kidney complication	Diagnosis	ICD-10-CM
E09.3	Drug or chemical induced diabetes mellitus with ophthalmic complications	Diagnosis	ICD-10-CM
E09.31	Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy	Diagnosis	ICD-10-CM
E09.311	Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E09.319	Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E09.32	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E09.321	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E09.3211	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E09.3212	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E09.3213	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E09.3219	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E09.329	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E09.3291	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E09.3292	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E09.3293	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E09.3299	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E09.33	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E09.331	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
E09.3311	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E09.3312	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E09.3313	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E09.3319	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E09.339	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E09.3391	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E09.3392	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E09.3393	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E09.3399	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E09.34	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E09.341	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E09.3411	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E09.3412	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E09.3413	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E09.3419	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E09.349	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E09.3491	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E09.3492	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E09.3493	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E09.3499	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E09.35	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E09.351	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E09.3511	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
E09.3512	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E09.3513	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E09.3519	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E09.352	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula	Diagnosis	ICD-10-CM
E09.3521	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	Diagnosis	ICD-10-CM
E09.3522	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	Diagnosis	ICD-10-CM
E09.3523	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral	Diagnosis	ICD-10-CM
E09.3529	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E09.353	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula	Diagnosis	ICD-10-CM
E09.3531	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye	Diagnosis	ICD-10-CM
E09.3532	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye	Diagnosis	ICD-10-CM
E09.3533	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral	Diagnosis	ICD-10-CM
E09.3539	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E09.354	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment	Diagnosis	ICD-10-CM
E09.3541	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye	Diagnosis	ICD-10-CM
E09.3542	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye	Diagnosis	ICD-10-CM
E09.3543	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral	Diagnosis	ICD-10-CM
E09.3549	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
E09.355	Drug or chemical induced diabetes mellitus with stable proliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E09.3551	Drug or chemical induced diabetes mellitus with stable proliferative diabetic retinopathy, right eye	Diagnosis	ICD-10-CM
E09.3552	Drug or chemical induced diabetes mellitus with stable proliferative diabetic retinopathy, left eye	Diagnosis	ICD-10-CM
E09.3553	Drug or chemical induced diabetes mellitus with stable proliferative diabetic retinopathy, bilateral	Diagnosis	ICD-10-CM
E09.3559	Drug or chemical induced diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye	Diagnosis	ICD-10-CM
E09.359	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E09.3591	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E09.3592	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E09.3593	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E09.3599	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E09.36	Drug or chemical induced diabetes mellitus with diabetic cataract	Diagnosis	ICD-10-CM
E09.37	Drug or chemical induced diabetes mellitus with diabetic macular edema, resolved following treatment	Diagnosis	ICD-10-CM
E09.37X1	Drug or chemical induced diabetes mellitus with diabetic macular edema, resolved following treatment, right eye	Diagnosis	ICD-10-CM
E09.37X2	Drug or chemical induced diabetes mellitus with diabetic macular edema, resolved following treatment, left eye	Diagnosis	ICD-10-CM
E09.37X3	Drug or chemical induced diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral	Diagnosis	ICD-10-CM
E09.37X9	Drug or chemical induced diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye	Diagnosis	ICD-10-CM
E09.39	Drug or chemical induced diabetes mellitus with other diabetic ophthalmic complication	Diagnosis	ICD-10-CM
E09.4	Drug or chemical induced diabetes mellitus with neurological complications	Diagnosis	ICD-10-CM
E09.40	Drug or chemical induced diabetes mellitus with neurological complications with diabetic neuropathy, unspecified	Diagnosis	ICD-10-CM
E09.41	Drug or chemical induced diabetes mellitus with neurological complications with diabetic mononeuropathy	Diagnosis	ICD-10-CM
E09.42	Drug or chemical induced diabetes mellitus with neurological complications with diabetic polyneuropathy	Diagnosis	ICD-10-CM
E09.43	Drug or chemical induced diabetes mellitus with neurological complications with diabetic autonomic (poly)neuropathy	Diagnosis	ICD-10-CM
E09.44	Drug or chemical induced diabetes mellitus with neurological complications with diabetic amyotrophy	Diagnosis	ICD-10-CM
E09.49	Drug or chemical induced diabetes mellitus with neurological complications with other diabetic neurological complication	Diagnosis	ICD-10-CM
E09.5	Drug or chemical induced diabetes mellitus with circulatory complications	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
E09.51	Drug or chemical induced diabetes mellitus with diabetic peripheral angiopathy without gangrene	Diagnosis	ICD-10-CM
E09.52	Drug or chemical induced diabetes mellitus with diabetic peripheral angiopathy with gangrene	Diagnosis	ICD-10-CM
E09.59	Drug or chemical induced diabetes mellitus with other circulatory complications	Diagnosis	ICD-10-CM
E09.6	Drug or chemical induced diabetes mellitus with other specified complications	Diagnosis	ICD-10-CM
E09.61	Drug or chemical induced diabetes mellitus with diabetic arthropathy	Diagnosis	ICD-10-CM
E09.610	Drug or chemical induced diabetes mellitus with diabetic neuropathic arthropathy	Diagnosis	ICD-10-CM
E09.618	Drug or chemical induced diabetes mellitus with other diabetic arthropathy	Diagnosis	ICD-10-CM
E09.62	Drug or chemical induced diabetes mellitus with skin complications	Diagnosis	ICD-10-CM
E09.620	Drug or chemical induced diabetes mellitus with diabetic dermatitis	Diagnosis	ICD-10-CM
E09.621	Drug or chemical induced diabetes mellitus with foot ulcer	Diagnosis	ICD-10-CM
E09.622	Drug or chemical induced diabetes mellitus with other skin ulcer	Diagnosis	ICD-10-CM
E09.628	Drug or chemical induced diabetes mellitus with other skin complications	Diagnosis	ICD-10-CM
E09.63	Drug or chemical induced diabetes mellitus with oral complications	Diagnosis	ICD-10-CM
E09.630	Drug or chemical induced diabetes mellitus with periodontal disease	Diagnosis	ICD-10-CM
E09.638	Drug or chemical induced diabetes mellitus with other oral complications	Diagnosis	ICD-10-CM
E09.64	Drug or chemical induced diabetes mellitus with hypoglycemia	Diagnosis	ICD-10-CM
E09.641	Drug or chemical induced diabetes mellitus with hypoglycemia with coma	Diagnosis	ICD-10-CM
E09.649	Drug or chemical induced diabetes mellitus with hypoglycemia without coma	Diagnosis	ICD-10-CM
E09.65	Drug or chemical induced diabetes mellitus with hyperglycemia	Diagnosis	ICD-10-CM
E09.69	Drug or chemical induced diabetes mellitus with other specified complication	Diagnosis	ICD-10-CM
E09.8	Drug or chemical induced diabetes mellitus with unspecified complications	Diagnosis	ICD-10-CM
E09.9	Drug or chemical induced diabetes mellitus without complications	Diagnosis	ICD-10-CM
E10.1	Type 1 diabetes mellitus with ketoacidosis	Diagnosis	ICD-10-CM
E10.10	Type 1 diabetes mellitus with ketoacidosis without coma	Diagnosis	ICD-10-CM
E10.11	Type 1 diabetes mellitus with ketoacidosis with coma	Diagnosis	ICD-10-CM
E10.2	Type 1 diabetes mellitus with kidney complications	Diagnosis	ICD-10-CM
E10.21	Type 1 diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E10.22	Type 1 diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E10.29	Type 1 diabetes mellitus with other diabetic kidney complication	Diagnosis	ICD-10-CM
E10.3	Type 1 diabetes mellitus with ophthalmic complications	Diagnosis	ICD-10-CM
E10.31	Type 1 diabetes mellitus with unspecified diabetic retinopathy	Diagnosis	ICD-10-CM
E10.311	Type 1 diabetes mellitus with unspecified diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E10.319	Type 1 diabetes mellitus with unspecified diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
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
E10.3312	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E10.3313	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3319	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.339	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E10.3391	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E10.3392	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E10.3393	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3399	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.34	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E10.341	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E10.3411	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
E10.3412	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E10.3413	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3419	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.349	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E10.3491	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E10.3492	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E10.3493	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3499	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.35	Type 1 diabetes mellitus with proliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E10.351	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E10.3511	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E10.3512	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E10.3513	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3519	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.352	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula	Diagnosis	ICD-10-CM
E10.3521	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	Diagnosis	ICD-10-CM
E10.3522	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	Diagnosis	ICD-10-CM
E10.3523	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral	Diagnosis	ICD-10-CM
E10.3529	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E10.353	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula	Diagnosis	ICD-10-CM
E10.3531	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye	Diagnosis	ICD-10-CM
E10.3532	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye	Diagnosis	ICD-10-CM
E10.3533	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral	Diagnosis	ICD-10-CM
E10.3539	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
E10.354	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment	Diagnosis	ICD-10-CM
E10.3541	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye	Diagnosis	ICD-10-CM
E10.3542	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye	Diagnosis	ICD-10-CM
E10.3543	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral	Diagnosis	ICD-10-CM
E10.3549	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye	Diagnosis	ICD-10-CM
E10.355	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E10.3551	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, right eye	Diagnosis	ICD-10-CM
E10.3552	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, left eye	Diagnosis	ICD-10-CM
E10.3553	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, bilateral	Diagnosis	ICD-10-CM
E10.3559	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye	Diagnosis	ICD-10-CM
E10.359	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E10.3591	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E10.3592	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E10.3593	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E10.3599	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E10.36	Type 1 diabetes mellitus with diabetic cataract	Diagnosis	ICD-10-CM
E10.37	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment	Diagnosis	ICD-10-CM
E10.37X1	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, right eye	Diagnosis	ICD-10-CM
E10.37X2	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, left eye	Diagnosis	ICD-10-CM
E10.37X3	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral	Diagnosis	ICD-10-CM
E10.37X9	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye	Diagnosis	ICD-10-CM
E10.39	Type 1 diabetes mellitus with other diabetic ophthalmic complication	Diagnosis	ICD-10-CM
E10.4	Type 1 diabetes mellitus with neurological complications	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
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
E11.0	Type 2 diabetes mellitus with hyperosmolarity	Diagnosis	ICD-10-CM
E11.00	Type 2 diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)	Diagnosis	ICD-10-CM
E11.01	Type 2 diabetes mellitus with hyperosmolarity with coma	Diagnosis	ICD-10-CM
E11.1	Type 2 diabetes mellitus with ketoacidosis	Diagnosis	ICD-10-CM
E11.10	Type 2 diabetes mellitus with ketoacidosis without coma	Diagnosis	ICD-10-CM
E11.11	Type 2 diabetes mellitus with ketoacidosis with coma	Diagnosis	ICD-10-CM
E11.2	Type 2 diabetes mellitus with kidney complications	Diagnosis	ICD-10-CM
E11.21	Type 2 diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E11.22	Type 2 diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E11.29	Type 2 diabetes mellitus with other diabetic kidney complication	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
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
E11.3393	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
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
E11.3531	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
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

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
E11.37X3	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral	Diagnosis	ICD-10-CM
E11.37X9	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye	Diagnosis	ICD-10-CM
E11.39	Type 2 diabetes mellitus with other diabetic ophthalmic complication	Diagnosis	ICD-10-CM
E11.4	Type 2 diabetes mellitus with neurological complications	Diagnosis	ICD-10-CM
E11.40	Type 2 diabetes mellitus with diabetic neuropathy, unspecified	Diagnosis	ICD-10-CM
E11.41	Type 2 diabetes mellitus with diabetic mononeuropathy	Diagnosis	ICD-10-CM
E11.42	Type 2 diabetes mellitus with diabetic polyneuropathy	Diagnosis	ICD-10-CM
E11.43	Type 2 diabetes mellitus with diabetic autonomic (poly)neuropathy	Diagnosis	ICD-10-CM
E11.44	Type 2 diabetes mellitus with diabetic amyotrophy	Diagnosis	ICD-10-CM
E11.49	Type 2 diabetes mellitus with other diabetic neurological complication	Diagnosis	ICD-10-CM
E11.5	Type 2 diabetes mellitus with circulatory complications	Diagnosis	ICD-10-CM
E11.51	Type 2 diabetes mellitus with diabetic peripheral angiopathy without gangrene	Diagnosis	ICD-10-CM
E11.52	Type 2 diabetes mellitus with diabetic peripheral angiopathy with gangrene	Diagnosis	ICD-10-CM
E11.59	Type 2 diabetes mellitus with other circulatory complications	Diagnosis	ICD-10-CM
E11.6	Type 2 diabetes mellitus with other specified complications	Diagnosis	ICD-10-CM
E11.61	Type 2 diabetes mellitus with diabetic arthropathy	Diagnosis	ICD-10-CM
E11.610	Type 2 diabetes mellitus with diabetic neuropathic arthropathy	Diagnosis	ICD-10-CM
E11.618	Type 2 diabetes mellitus with other diabetic arthropathy	Diagnosis	ICD-10-CM
E11.62	Type 2 diabetes mellitus with skin complications	Diagnosis	ICD-10-CM
E11.620	Type 2 diabetes mellitus with diabetic dermatitis	Diagnosis	ICD-10-CM
E11.621	Type 2 diabetes mellitus with foot ulcer	Diagnosis	ICD-10-CM
E11.622	Type 2 diabetes mellitus with other skin ulcer	Diagnosis	ICD-10-CM
E11.628	Type 2 diabetes mellitus with other skin complications	Diagnosis	ICD-10-CM
E11.63	Type 2 diabetes mellitus with oral complications	Diagnosis	ICD-10-CM
E11.630	Type 2 diabetes mellitus with periodontal disease	Diagnosis	ICD-10-CM
E11.638	Type 2 diabetes mellitus with other oral complications	Diagnosis	ICD-10-CM
E11.64	Type 2 diabetes mellitus with hypoglycemia	Diagnosis	ICD-10-CM
E11.641	Type 2 diabetes mellitus with hypoglycemia with coma	Diagnosis	ICD-10-CM
E11.649	Type 2 diabetes mellitus with hypoglycemia without coma	Diagnosis	ICD-10-CM
E11.65	Type 2 diabetes mellitus with hyperglycemia	Diagnosis	ICD-10-CM
E11.69	Type 2 diabetes mellitus with other specified complication	Diagnosis	ICD-10-CM
E11.8	Type 2 diabetes mellitus with unspecified complications	Diagnosis	ICD-10-CM
E11.9	Type 2 diabetes mellitus without complications	Diagnosis	ICD-10-CM
E13.0	Other specified diabetes mellitus with hyperosmolarity	Diagnosis	ICD-10-CM
E13.00	Other specified diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)	Diagnosis	ICD-10-CM
E13.01	Other specified diabetes mellitus with hyperosmolarity with coma	Diagnosis	ICD-10-CM
E13.1	Other specified diabetes mellitus with ketoacidosis	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
E13.10	Other specified diabetes mellitus with ketoacidosis without coma	Diagnosis	ICD-10-CM
E13.11	Other specified diabetes mellitus with ketoacidosis with coma	Diagnosis	ICD-10-CM
E13.2	Other specified diabetes mellitus with kidney complications	Diagnosis	ICD-10-CM
E13.21	Other specified diabetes mellitus with diabetic nephropathy	Diagnosis	ICD-10-CM
E13.22	Other specified diabetes mellitus with diabetic chronic kidney disease	Diagnosis	ICD-10-CM
E13.29	Other specified diabetes mellitus with other diabetic kidney complication	Diagnosis	ICD-10-CM
E13.3	Other specified diabetes mellitus with ophthalmic complications	Diagnosis	ICD-10-CM
E13.31	Other specified diabetes mellitus with unspecified diabetic retinopathy	Diagnosis	ICD-10-CM
E13.311	Other specified diabetes mellitus with unspecified diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E13.319	Other specified diabetes mellitus with unspecified diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E13.32	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E13.321	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E13.3211	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E13.3212	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E13.3213	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3219	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.329	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E13.3291	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E13.3292	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E13.3293	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3299	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.33	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E13.331	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E13.3311	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E13.3312	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E13.3313	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3319	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
E13.339	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E13.3391	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E13.3392	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E13.3393	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3399	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.34	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E13.341	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E13.3411	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E13.3412	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E13.3413	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3419	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.349	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E13.3491	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E13.3492	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM
E13.3493	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3499	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.35	Other specified diabetes mellitus with proliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E13.351	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema	Diagnosis	ICD-10-CM
E13.3511	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye	Diagnosis	ICD-10-CM
E13.3512	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye	Diagnosis	ICD-10-CM
E13.3513	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3519	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.352	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula	Diagnosis	ICD-10-CM
E13.3521	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
E13.3522	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye	Diagnosis	ICD-10-CM
E13.3523	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral	Diagnosis	ICD-10-CM
E13.3529	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E13.353	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula	Diagnosis	ICD-10-CM
E13.3531	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye	Diagnosis	ICD-10-CM
E13.3532	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye	Diagnosis	ICD-10-CM
E13.3533	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral	Diagnosis	ICD-10-CM
E13.3539	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye	Diagnosis	ICD-10-CM
E13.354	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment	Diagnosis	ICD-10-CM
E13.3541	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye	Diagnosis	ICD-10-CM
E13.3542	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye	Diagnosis	ICD-10-CM
E13.3543	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral	Diagnosis	ICD-10-CM
E13.3549	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye	Diagnosis	ICD-10-CM
E13.355	Other specified diabetes mellitus with stable proliferative diabetic retinopathy	Diagnosis	ICD-10-CM
E13.3551	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, right eye	Diagnosis	ICD-10-CM
E13.3552	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, left eye	Diagnosis	ICD-10-CM
E13.3553	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, bilateral	Diagnosis	ICD-10-CM
E13.3559	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye	Diagnosis	ICD-10-CM
E13.359	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema	Diagnosis	ICD-10-CM
E13.3591	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye	Diagnosis	ICD-10-CM
E13.3592	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
E13.3593	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral	Diagnosis	ICD-10-CM
E13.3599	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye	Diagnosis	ICD-10-CM
E13.36	Other specified diabetes mellitus with diabetic cataract	Diagnosis	ICD-10-CM
E13.37	Other specified diabetes mellitus with diabetic macular edema, resolved following treatment	Diagnosis	ICD-10-CM
E13.37X1	Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, right eye	Diagnosis	ICD-10-CM
E13.37X2	Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, left eye	Diagnosis	ICD-10-CM
E13.37X3	Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral	Diagnosis	ICD-10-CM
E13.37X9	Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye	Diagnosis	ICD-10-CM
E13.39	Other specified diabetes mellitus with other diabetic ophthalmic complication	Diagnosis	ICD-10-CM
E13.4	Other specified diabetes mellitus with neurological complications	Diagnosis	ICD-10-CM
E13.40	Other specified diabetes mellitus with diabetic neuropathy, unspecified	Diagnosis	ICD-10-CM
E13.41	Other specified diabetes mellitus with diabetic mononeuropathy	Diagnosis	ICD-10-CM
E13.42	Other specified diabetes mellitus with diabetic polyneuropathy	Diagnosis	ICD-10-CM
E13.43	Other specified diabetes mellitus with diabetic autonomic (poly)neuropathy	Diagnosis	ICD-10-CM
E13.44	Other specified diabetes mellitus with diabetic amyotrophy	Diagnosis	ICD-10-CM
E13.49	Other specified diabetes mellitus with other diabetic neurological complication	Diagnosis	ICD-10-CM
E13.5	Other specified diabetes mellitus with circulatory complications	Diagnosis	ICD-10-CM
E13.51	Other specified diabetes mellitus with diabetic peripheral angiopathy without gangrene	Diagnosis	ICD-10-CM
E13.52	Other specified diabetes mellitus with diabetic peripheral angiopathy with gangrene	Diagnosis	ICD-10-CM
E13.59	Other specified diabetes mellitus with other circulatory complications	Diagnosis	ICD-10-CM
E13.6	Other specified diabetes mellitus with other specified complications	Diagnosis	ICD-10-CM
E13.61	Other specified diabetes mellitus with diabetic arthropathy	Diagnosis	ICD-10-CM
E13.610	Other specified diabetes mellitus with diabetic neuropathic arthropathy	Diagnosis	ICD-10-CM
E13.618	Other specified diabetes mellitus with other diabetic arthropathy	Diagnosis	ICD-10-CM
E13.62	Other specified diabetes mellitus with skin complications	Diagnosis	ICD-10-CM
E13.620	Other specified diabetes mellitus with diabetic dermatitis	Diagnosis	ICD-10-CM
E13.621	Other specified diabetes mellitus with foot ulcer	Diagnosis	ICD-10-CM
E13.622	Other specified diabetes mellitus with other skin ulcer	Diagnosis	ICD-10-CM
E13.628	Other specified diabetes mellitus with other skin complications	Diagnosis	ICD-10-CM
E13.63	Other specified diabetes mellitus with oral complications	Diagnosis	ICD-10-CM
E13.630	Other specified diabetes mellitus with periodontal disease	Diagnosis	ICD-10-CM
E13.638	Other specified diabetes mellitus with other oral complications	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
E13.64	Other specified diabetes mellitus with hypoglycemia	Diagnosis	ICD-10-CM
E13.641	Other specified diabetes mellitus with hypoglycemia with coma	Diagnosis	ICD-10-CM
E13.649	Other specified diabetes mellitus with hypoglycemia without coma	Diagnosis	ICD-10-CM
E13.65	Other specified diabetes mellitus with hyperglycemia	Diagnosis	ICD-10-CM
E13.69	Other specified diabetes mellitus with other specified complication	Diagnosis	ICD-10-CM
E13.8	Other specified diabetes mellitus with unspecified complications	Diagnosis	ICD-10-CM
E13.9	Other specified diabetes mellitus without complications	Diagnosis	ICD-10-CM
O24.0	Pre-existing type 1 diabetes mellitus, in pregnancy, childbirth and the puerperium	Diagnosis	ICD-10-CM
O24.01	Pre-existing type 1 diabetes mellitus, in pregnancy	Diagnosis	ICD-10-CM
O24.011	Pre-existing type 1 diabetes mellitus, in pregnancy, first trimester	Diagnosis	ICD-10-CM
O24.012	Pre-existing type 1 diabetes mellitus, in pregnancy, second trimester	Diagnosis	ICD-10-CM
O24.013	Pre-existing type 1 diabetes mellitus, in pregnancy, third trimester	Diagnosis	ICD-10-CM
O24.019	Pre-existing type 1 diabetes mellitus, in pregnancy, unspecified trimester	Diagnosis	ICD-10-CM
O24.02	Pre-existing type 1 diabetes mellitus, in childbirth	Diagnosis	ICD-10-CM
O24.03	Pre-existing type 1 diabetes mellitus, in the puerperium	Diagnosis	ICD-10-CM
O24.1	Pre-existing type 2 diabetes mellitus, in pregnancy, childbirth and the puerperium	Diagnosis	ICD-10-CM
O24.11	Pre-existing type 2 diabetes mellitus, in pregnancy	Diagnosis	ICD-10-CM
O24.111	Pre-existing type 2 diabetes mellitus, in pregnancy, first trimester	Diagnosis	ICD-10-CM
O24.112	Pre-existing type 2 diabetes mellitus, in pregnancy, second trimester	Diagnosis	ICD-10-CM
O24.113	Pre-existing type 2 diabetes mellitus, in pregnancy, third trimester	Diagnosis	ICD-10-CM
O24.119	Pre-existing type 2 diabetes mellitus, in pregnancy, unspecified trimester	Diagnosis	ICD-10-CM
O24.12	Pre-existing type 2 diabetes mellitus, in childbirth	Diagnosis	ICD-10-CM
O24.13	Pre-existing type 2 diabetes mellitus, in the puerperium	Diagnosis	ICD-10-CM
O24.3	Unspecified pre-existing diabetes mellitus in pregnancy, childbirth and the puerperium	Diagnosis	ICD-10-CM
O24.31	Unspecified pre-existing diabetes mellitus in pregnancy	Diagnosis	ICD-10-CM
O24.311	Unspecified pre-existing diabetes mellitus in pregnancy, first trimester	Diagnosis	ICD-10-CM
O24.312	Unspecified pre-existing diabetes mellitus in pregnancy, second trimester	Diagnosis	ICD-10-CM
O24.313	Unspecified pre-existing diabetes mellitus in pregnancy, third trimester	Diagnosis	ICD-10-CM
O24.319	Unspecified pre-existing diabetes mellitus in pregnancy, unspecified trimester	Diagnosis	ICD-10-CM
O24.32	Unspecified pre-existing diabetes mellitus in childbirth	Diagnosis	ICD-10-CM
O24.33	Unspecified pre-existing diabetes mellitus in the puerperium	Diagnosis	ICD-10-CM
O24.41	Gestational diabetes mellitus in pregnancy	Diagnosis	ICD-10-CM
O24.410	Gestational diabetes mellitus in pregnancy, diet controlled	Diagnosis	ICD-10-CM
O24.414	Gestational diabetes mellitus in pregnancy, insulin controlled	Diagnosis	ICD-10-CM
O24.415	Gestational diabetes mellitus in pregnancy, controlled by oral hypoglycemic drugs	Diagnosis	ICD-10-CM
O24.419	Gestational diabetes mellitus in pregnancy, unspecified control	Diagnosis	ICD-10-CM
O24.42	Gestational diabetes mellitus in childbirth	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
O24.420	Gestational diabetes mellitus in childbirth, diet controlled	Diagnosis	ICD-10-CM
O24.424	Gestational diabetes mellitus in childbirth, insulin controlled	Diagnosis	ICD-10-CM
O24.425	Gestational diabetes mellitus in childbirth, controlled by oral hypoglycemic drugs	Diagnosis	ICD-10-CM
O24.429	Gestational diabetes mellitus in childbirth, unspecified control	Diagnosis	ICD-10-CM
O24.43	Gestational diabetes mellitus in the puerperium	Diagnosis	ICD-10-CM
O24.430	Gestational diabetes mellitus in the puerperium, diet controlled	Diagnosis	ICD-10-CM
O24.434	Gestational diabetes mellitus in the puerperium, insulin controlled	Diagnosis	ICD-10-CM
O24.435	Gestational diabetes mellitus in puerperium, controlled by oral hypoglycemic drugs	Diagnosis	ICD-10-CM
O24.439	Gestational diabetes mellitus in the puerperium, unspecified control	Diagnosis	ICD-10-CM
O24.811	Other pre-existing diabetes mellitus in pregnancy, first trimester	Diagnosis	ICD-10-CM
O24.812	Other pre-existing diabetes mellitus in pregnancy, second trimester	Diagnosis	ICD-10-CM
O24.813	Other pre-existing diabetes mellitus in pregnancy, third trimester	Diagnosis	ICD-10-CM
O24.819	Other pre-existing diabetes mellitus in pregnancy, unspecified trimester	Diagnosis	ICD-10-CM
O24.82	Other pre-existing diabetes mellitus in childbirth	Diagnosis	ICD-10-CM
O24.83	Other pre-existing diabetes mellitus in the puerperium	Diagnosis	ICD-10-CM
O24.9	Unspecified diabetes mellitus in pregnancy, childbirth and the puerperium	Diagnosis	ICD-10-CM
O24.91	Unspecified diabetes mellitus in pregnancy	Diagnosis	ICD-10-CM
O24.911	Unspecified diabetes mellitus in pregnancy, first trimester	Diagnosis	ICD-10-CM
O24.912	Unspecified diabetes mellitus in pregnancy, second trimester	Diagnosis	ICD-10-CM
O24.913	Unspecified diabetes mellitus in pregnancy, third trimester	Diagnosis	ICD-10-CM
O24.919	Unspecified diabetes mellitus in pregnancy, unspecified trimester	Diagnosis	ICD-10-CM
O24.92	Unspecified diabetes mellitus in childbirth	Diagnosis	ICD-10-CM
O24.93	Unspecified diabetes mellitus in the puerperium	Diagnosis	ICD-10-CM
Epilepsy			
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
G40.109	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, not intractable, without status epilepticus	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
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

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
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
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
Glaucoma			
H40.10X0	Unspecified open-angle glaucoma, stage unspecified	Diagnosis	ICD-10-CM
H40.10X1	Unspecified open-angle glaucoma, mild stage	Diagnosis	ICD-10-CM
H40.10X2	Unspecified open-angle glaucoma, moderate stage	Diagnosis	ICD-10-CM
H40.10X3	Unspecified open-angle glaucoma, severe stage	Diagnosis	ICD-10-CM
H40.10X4	Unspecified open-angle glaucoma, indeterminate stage	Diagnosis	ICD-10-CM
H40.1110	Primary open-angle glaucoma, right eye, stage unspecified	Diagnosis	ICD-10-CM
H40.1111	Primary open-angle glaucoma, right eye, mild stage	Diagnosis	ICD-10-CM
H40.1112	Primary open-angle glaucoma, right eye, moderate stage	Diagnosis	ICD-10-CM
H40.1113	Primary open-angle glaucoma, right eye, severe stage	Diagnosis	ICD-10-CM
H40.1114	Primary open-angle glaucoma, right eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.1120	Primary open-angle glaucoma, left eye, stage unspecified	Diagnosis	ICD-10-CM
H40.1121	Primary open-angle glaucoma, left eye, mild stage	Diagnosis	ICD-10-CM
H40.1122	Primary open-angle glaucoma, left eye, moderate stage	Diagnosis	ICD-10-CM
H40.1123	Primary open-angle glaucoma, left eye, severe stage	Diagnosis	ICD-10-CM
H40.1124	Primary open-angle glaucoma, left eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.1130	Primary open-angle glaucoma, bilateral, stage unspecified	Diagnosis	ICD-10-CM
H40.1131	Primary open-angle glaucoma, bilateral, mild stage	Diagnosis	ICD-10-CM
H40.1132	Primary open-angle glaucoma, bilateral, moderate stage	Diagnosis	ICD-10-CM
H40.1133	Primary open-angle glaucoma, bilateral, severe stage	Diagnosis	ICD-10-CM
H40.1134	Primary open-angle glaucoma, bilateral, indeterminate stage	Diagnosis	ICD-10-CM
H40.1190	Primary open-angle glaucoma, unspecified eye, stage unspecified	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
H40.1191	Primary open-angle glaucoma, unspecified eye mild stage	Diagnosis	ICD-10-CM
H40.1192	Primary open-angle glaucoma, unspecified eye moderate stage	Diagnosis	ICD-10-CM
H40.1193	Primary open-angle glaucoma, unspecified eye severe stage	Diagnosis	ICD-10-CM
H40.1194	Primary open-angle glaucoma, unspecified eye indeterminate stage	Diagnosis	ICD-10-CM
H40.1210	Low-tension glaucoma, right eye, stage unspecified	Diagnosis	ICD-10-CM
H40.1211	Low-tension glaucoma, right eye, mild stage	Diagnosis	ICD-10-CM
H40.1212	Low-tension glaucoma, right eye, moderate stage	Diagnosis	ICD-10-CM
H40.1213	Low-tension glaucoma, right eye, severe stage	Diagnosis	ICD-10-CM
H40.1214	Low-tension glaucoma, right eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.1220	Low-tension glaucoma, left eye, stage unspecified	Diagnosis	ICD-10-CM
H40.1221	Low-tension glaucoma, left eye, mild stage	Diagnosis	ICD-10-CM
H40.1222	Low-tension glaucoma, left eye, moderate stage	Diagnosis	ICD-10-CM
H40.1223	Low-tension glaucoma, left eye, severe stage	Diagnosis	ICD-10-CM
H40.1224	Low-tension glaucoma, left eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.1230	Low-tension glaucoma, bilateral, stage unspecified	Diagnosis	ICD-10-CM
H40.1231	Low-tension glaucoma, bilateral, mild stage	Diagnosis	ICD-10-CM
H40.1232	Low-tension glaucoma, bilateral, moderate stage	Diagnosis	ICD-10-CM
H40.1233	Low-tension glaucoma, bilateral, severe stage	Diagnosis	ICD-10-CM
H40.1234	Low-tension glaucoma, bilateral, indeterminate stage	Diagnosis	ICD-10-CM
H40.1290	Low-tension glaucoma, unspecified eye, stage unspecified	Diagnosis	ICD-10-CM
H40.1291	Low-tension glaucoma, unspecified eye, mild stage	Diagnosis	ICD-10-CM
H40.1292	Low-tension glaucoma, unspecified eye, moderate stage	Diagnosis	ICD-10-CM
H40.1293	Low-tension glaucoma, unspecified eye, severe stage	Diagnosis	ICD-10-CM
H40.1294	Low-tension glaucoma, unspecified eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.1310	Pigmentary glaucoma, right eye, stage unspecified	Diagnosis	ICD-10-CM
H40.1311	Pigmentary glaucoma, right eye, mild stage	Diagnosis	ICD-10-CM
H40.1312	Pigmentary glaucoma, right eye, moderate stage	Diagnosis	ICD-10-CM
H40.1313	Pigmentary glaucoma, right eye, severe stage	Diagnosis	ICD-10-CM
H40.1314	Pigmentary glaucoma, right eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.1320	Pigmentary glaucoma, left eye, stage unspecified	Diagnosis	ICD-10-CM
H40.1321	Pigmentary glaucoma, left eye, mild stage	Diagnosis	ICD-10-CM
H40.1322	Pigmentary glaucoma, left eye, moderate stage	Diagnosis	ICD-10-CM
H40.1323	Pigmentary glaucoma, left eye, severe stage	Diagnosis	ICD-10-CM
H40.1324	Pigmentary glaucoma, left eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.1330	Pigmentary glaucoma, bilateral, stage unspecified	Diagnosis	ICD-10-CM
H40.1331	Pigmentary glaucoma, bilateral, mild stage	Diagnosis	ICD-10-CM
H40.1332	Pigmentary glaucoma, bilateral, moderate stage	Diagnosis	ICD-10-CM
H40.1333	Pigmentary glaucoma, bilateral, severe stage	Diagnosis	ICD-10-CM
H40.1334	Pigmentary glaucoma, bilateral, indeterminate stage	Diagnosis	ICD-10-CM
H40.1390	Pigmentary glaucoma, unspecified eye, stage unspecified	Diagnosis	ICD-10-CM
H40.1391	Pigmentary glaucoma, unspecified eye, mild stage	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
H40.1392	Pigmentary glaucoma, unspecified eye, moderate stage	Diagnosis	ICD-10-CM
H40.1393	Pigmentary glaucoma, unspecified eye, severe stage	Diagnosis	ICD-10-CM
H40.1394	Pigmentary glaucoma, unspecified eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.1410	Capsular glaucoma with pseudoexfoliation of lens, right eye, stage unspecified	Diagnosis	ICD-10-CM
H40.1411	Capsular glaucoma with pseudoexfoliation of lens, right eye, mild stage	Diagnosis	ICD-10-CM
H40.1412	Capsular glaucoma with pseudoexfoliation of lens, right eye, moderate stage	Diagnosis	ICD-10-CM
H40.1413	Capsular glaucoma with pseudoexfoliation of lens, right eye, severe stage	Diagnosis	ICD-10-CM
H40.1414	Capsular glaucoma with pseudoexfoliation of lens, right eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.1420	Capsular glaucoma with pseudoexfoliation of lens, left eye, stage unspecified	Diagnosis	ICD-10-CM
H40.1421	Capsular glaucoma with pseudoexfoliation of lens, left eye, mild stage	Diagnosis	ICD-10-CM
H40.1422	Capsular glaucoma with pseudoexfoliation of lens, left eye, moderate stage	Diagnosis	ICD-10-CM
H40.1423	Capsular glaucoma with pseudoexfoliation of lens, left eye, severe stage	Diagnosis	ICD-10-CM
H40.1424	Capsular glaucoma with pseudoexfoliation of lens, left eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.1430	Capsular glaucoma with pseudoexfoliation of lens, bilateral, stage unspecified	Diagnosis	ICD-10-CM
H40.1431	Capsular glaucoma with pseudoexfoliation of lens, bilateral, mild stage	Diagnosis	ICD-10-CM
H40.1432	Capsular glaucoma with pseudoexfoliation of lens, bilateral, moderate stage	Diagnosis	ICD-10-CM
H40.1433	Capsular glaucoma with pseudoexfoliation of lens, bilateral, severe stage	Diagnosis	ICD-10-CM
H40.1434	Capsular glaucoma with pseudoexfoliation of lens, bilateral, indeterminate stage	Diagnosis	ICD-10-CM
H40.1490	Capsular glaucoma with pseudoexfoliation of lens, unspecified eye, stage unspecified	Diagnosis	ICD-10-CM
H40.1491	Capsular glaucoma with pseudoexfoliation of lens, unspecified eye, mild stage	Diagnosis	ICD-10-CM
H40.1492	Capsular glaucoma with pseudoexfoliation of lens, unspecified eye, moderate stage	Diagnosis	ICD-10-CM
H40.1493	Capsular glaucoma with pseudoexfoliation of lens, unspecified eye, severe stage	Diagnosis	ICD-10-CM
H40.1494	Capsular glaucoma with pseudoexfoliation of lens, unspecified eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.151	Residual stage of open-angle glaucoma, right eye	Diagnosis	ICD-10-CM
H40.152	Residual stage of open-angle glaucoma, left eye	Diagnosis	ICD-10-CM
H40.153	Residual stage of open-angle glaucoma, bilateral	Diagnosis	ICD-10-CM
H40.159	Residual stage of open-angle glaucoma, unspecified eye	Diagnosis	ICD-10-CM
H40.20X0	Unspecified primary angle-closure glaucoma, stage unspecified	Diagnosis	ICD-10-CM
H40.20X1	Unspecified primary angle-closure glaucoma, mild stage	Diagnosis	ICD-10-CM
H40.20X2	Unspecified primary angle-closure glaucoma, moderate stage	Diagnosis	ICD-10-CM
H40.20X3	Unspecified primary angle-closure glaucoma, severe stage	Diagnosis	ICD-10-CM
H40.20X4	Unspecified primary angle-closure glaucoma, indeterminate stage	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
H40.211	Acute angle-closure glaucoma, right eye	Diagnosis	ICD-10-CM
H40.212	Acute angle-closure glaucoma, left eye	Diagnosis	ICD-10-CM
H40.213	Acute angle-closure glaucoma, bilateral	Diagnosis	ICD-10-CM
H40.219	Acute angle-closure glaucoma, unspecified eye	Diagnosis	ICD-10-CM
H40.2210	Chronic angle-closure glaucoma, right eye, stage unspecified	Diagnosis	ICD-10-CM
H40.2211	Chronic angle-closure glaucoma, right eye, mild stage	Diagnosis	ICD-10-CM
H40.2212	Chronic angle-closure glaucoma, right eye, moderate stage	Diagnosis	ICD-10-CM
H40.2213	Chronic angle-closure glaucoma, right eye, severe stage	Diagnosis	ICD-10-CM
H40.2214	Chronic angle-closure glaucoma, right eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.2220	Chronic angle-closure glaucoma, left eye, stage unspecified	Diagnosis	ICD-10-CM
H40.2221	Chronic angle-closure glaucoma, left eye, mild stage	Diagnosis	ICD-10-CM
H40.2222	Chronic angle-closure glaucoma, left eye, moderate stage	Diagnosis	ICD-10-CM
H40.2223	Chronic angle-closure glaucoma, left eye, severe stage	Diagnosis	ICD-10-CM
H40.2224	Chronic angle-closure glaucoma, left eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.2230	Chronic angle-closure glaucoma, bilateral, stage unspecified	Diagnosis	ICD-10-CM
H40.2231	Chronic angle-closure glaucoma, bilateral, mild stage	Diagnosis	ICD-10-CM
H40.2232	Chronic angle-closure glaucoma, bilateral, moderate stage	Diagnosis	ICD-10-CM
H40.2233	Chronic angle-closure glaucoma, bilateral, severe stage	Diagnosis	ICD-10-CM
H40.2234	Chronic angle-closure glaucoma, bilateral, indeterminate stage	Diagnosis	ICD-10-CM
H40.2290	Chronic angle-closure glaucoma, unspecified eye, stage unspecified	Diagnosis	ICD-10-CM
H40.2291	Chronic angle-closure glaucoma, unspecified eye, mild stage	Diagnosis	ICD-10-CM
H40.2292	Chronic angle-closure glaucoma, unspecified eye, moderate stage	Diagnosis	ICD-10-CM
H40.2293	Chronic angle-closure glaucoma, unspecified eye, severe stage	Diagnosis	ICD-10-CM
H40.2294	Chronic angle-closure glaucoma, unspecified eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.231	Intermittent angle-closure glaucoma, right eye	Diagnosis	ICD-10-CM
H40.232	Intermittent angle-closure glaucoma, left eye	Diagnosis	ICD-10-CM
H40.233	Intermittent angle-closure glaucoma, bilateral	Diagnosis	ICD-10-CM
H40.239	Intermittent angle-closure glaucoma, unspecified eye	Diagnosis	ICD-10-CM
H40.241	Residual stage of angle-closure glaucoma, right eye	Diagnosis	ICD-10-CM
H40.242	Residual stage of angle-closure glaucoma, left eye	Diagnosis	ICD-10-CM
H40.243	Residual stage of angle-closure glaucoma, bilateral	Diagnosis	ICD-10-CM
H40.249	Residual stage of angle-closure glaucoma, unspecified eye	Diagnosis	ICD-10-CM
H40.30X0	Glaucoma secondary to eye trauma, unspecified eye, stage unspecified	Diagnosis	ICD-10-CM
H40.30X1	Glaucoma secondary to eye trauma, unspecified eye, mild stage	Diagnosis	ICD-10-CM
H40.30X2	Glaucoma secondary to eye trauma, unspecified eye, moderate stage	Diagnosis	ICD-10-CM
H40.30X3	Glaucoma secondary to eye trauma, unspecified eye, severe stage	Diagnosis	ICD-10-CM
H40.30X4	Glaucoma secondary to eye trauma, unspecified eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.31X0	Glaucoma secondary to eye trauma, right eye, stage unspecified	Diagnosis	ICD-10-CM
H40.31X1	Glaucoma secondary to eye trauma, right eye, mild stage	Diagnosis	ICD-10-CM
H40.31X2	Glaucoma secondary to eye trauma, right eye, moderate stage	Diagnosis	ICD-10-CM
H40.31X3	Glaucoma secondary to eye trauma, right eye, severe stage	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
H40.31X4	Glaucoma secondary to eye trauma, right eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.32X0	Glaucoma secondary to eye trauma, left eye, stage unspecified	Diagnosis	ICD-10-CM
H40.32X1	Glaucoma secondary to eye trauma, left eye, mild stage	Diagnosis	ICD-10-CM
H40.32X2	Glaucoma secondary to eye trauma, left eye, moderate stage	Diagnosis	ICD-10-CM
H40.32X3	Glaucoma secondary to eye trauma, left eye, severe stage	Diagnosis	ICD-10-CM
H40.32X4	Glaucoma secondary to eye trauma, left eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.33X0	Glaucoma secondary to eye trauma, bilateral, stage unspecified	Diagnosis	ICD-10-CM
H40.33X1	Glaucoma secondary to eye trauma, bilateral, mild stage	Diagnosis	ICD-10-CM
H40.33X2	Glaucoma secondary to eye trauma, bilateral, moderate stage	Diagnosis	ICD-10-CM
H40.33X3	Glaucoma secondary to eye trauma, bilateral, severe stage	Diagnosis	ICD-10-CM
H40.33X4	Glaucoma secondary to eye trauma, bilateral, indeterminate stage	Diagnosis	ICD-10-CM
H40.40X0	Glaucoma secondary to eye inflammation, unspecified eye, stage unspecified	Diagnosis	ICD-10-CM
H40.40X1	Glaucoma secondary to eye inflammation, unspecified eye, mild stage	Diagnosis	ICD-10-CM
H40.40X2	Glaucoma secondary to eye inflammation, unspecified eye, moderate stage	Diagnosis	ICD-10-CM
H40.40X3	Glaucoma secondary to eye inflammation, unspecified eye, severe stage	Diagnosis	ICD-10-CM
H40.40X4	Glaucoma secondary to eye inflammation, unspecified eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.41X0	Glaucoma secondary to eye inflammation, right eye, stage unspecified	Diagnosis	ICD-10-CM
H40.41X1	Glaucoma secondary to eye inflammation, right eye, mild stage	Diagnosis	ICD-10-CM
H40.41X2	Glaucoma secondary to eye inflammation, right eye, moderate stage	Diagnosis	ICD-10-CM
H40.41X3	Glaucoma secondary to eye inflammation, right eye, severe stage	Diagnosis	ICD-10-CM
H40.41X4	Glaucoma secondary to eye inflammation, right eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.42X0	Glaucoma secondary to eye inflammation, left eye, stage unspecified	Diagnosis	ICD-10-CM
H40.42X1	Glaucoma secondary to eye inflammation, left eye, mild stage	Diagnosis	ICD-10-CM
H40.42X2	Glaucoma secondary to eye inflammation, left eye, moderate stage	Diagnosis	ICD-10-CM
H40.42X3	Glaucoma secondary to eye inflammation, left eye, severe stage	Diagnosis	ICD-10-CM
H40.42X4	Glaucoma secondary to eye inflammation, left eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.43X0	Glaucoma secondary to eye inflammation, bilateral, stage unspecified	Diagnosis	ICD-10-CM
H40.43X1	Glaucoma secondary to eye inflammation, bilateral, mild stage	Diagnosis	ICD-10-CM
H40.43X2	Glaucoma secondary to eye inflammation, bilateral, moderate stage	Diagnosis	ICD-10-CM
H40.43X3	Glaucoma secondary to eye inflammation, bilateral, severe stage	Diagnosis	ICD-10-CM
H40.43X4	Glaucoma secondary to eye inflammation, bilateral, indeterminate stage	Diagnosis	ICD-10-CM
H40.50X0	Glaucoma secondary to other eye disorders, unspecified eye, stage unspecified	Diagnosis	ICD-10-CM
H40.50X1	Glaucoma secondary to other eye disorders, unspecified eye, mild stage	Diagnosis	ICD-10-CM
H40.50X2	Glaucoma secondary to other eye disorders, unspecified eye, moderate stage	Diagnosis	ICD-10-CM
H40.50X3	Glaucoma secondary to other eye disorders, unspecified eye, severe stage	Diagnosis	ICD-10-CM
H40.50X4	Glaucoma secondary to other eye disorders, unspecified eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.51X0	Glaucoma secondary to other eye disorders, right eye, stage unspecified	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
H40.51X1	Glaucoma secondary to other eye disorders, right eye, mild stage	Diagnosis	ICD-10-CM
H40.51X2	Glaucoma secondary to other eye disorders, right eye, moderate stage	Diagnosis	ICD-10-CM
H40.51X3	Glaucoma secondary to other eye disorders, right eye, severe stage	Diagnosis	ICD-10-CM
H40.51X4	Glaucoma secondary to other eye disorders, right eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.52X0	Glaucoma secondary to other eye disorders, left eye, stage unspecified	Diagnosis	ICD-10-CM
H40.52X1	Glaucoma secondary to other eye disorders, left eye, mild stage	Diagnosis	ICD-10-CM
H40.52X2	Glaucoma secondary to other eye disorders, left eye, moderate stage	Diagnosis	ICD-10-CM
H40.52X3	Glaucoma secondary to other eye disorders, left eye, severe stage	Diagnosis	ICD-10-CM
H40.52X4	Glaucoma secondary to other eye disorders, left eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.53X0	Glaucoma secondary to other eye disorders, bilateral, stage unspecified	Diagnosis	ICD-10-CM
H40.53X1	Glaucoma secondary to other eye disorders, bilateral, mild stage	Diagnosis	ICD-10-CM
H40.53X2	Glaucoma secondary to other eye disorders, bilateral, moderate stage	Diagnosis	ICD-10-CM
H40.53X3	Glaucoma secondary to other eye disorders, bilateral, severe stage	Diagnosis	ICD-10-CM
H40.53X4	Glaucoma secondary to other eye disorders, bilateral, indeterminate stage	Diagnosis	ICD-10-CM
H40.60X0	Glaucoma secondary to drugs, unspecified eye, stage unspecified	Diagnosis	ICD-10-CM
H40.60X1	Glaucoma secondary to drugs, unspecified eye, mild stage	Diagnosis	ICD-10-CM
H40.60X2	Glaucoma secondary to drugs, unspecified eye, moderate stage	Diagnosis	ICD-10-CM
H40.60X3	Glaucoma secondary to drugs, unspecified eye, severe stage	Diagnosis	ICD-10-CM
H40.60X4	Glaucoma secondary to drugs, unspecified eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.61X0	Glaucoma secondary to drugs, right eye, stage unspecified	Diagnosis	ICD-10-CM
H40.61X1	Glaucoma secondary to drugs, right eye, mild stage	Diagnosis	ICD-10-CM
H40.61X2	Glaucoma secondary to drugs, right eye, moderate stage	Diagnosis	ICD-10-CM
H40.61X3	Glaucoma secondary to drugs, right eye, severe stage	Diagnosis	ICD-10-CM
H40.61X4	Glaucoma secondary to drugs, right eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.62X0	Glaucoma secondary to drugs, left eye, stage unspecified	Diagnosis	ICD-10-CM
H40.62X1	Glaucoma secondary to drugs, left eye, mild stage	Diagnosis	ICD-10-CM
H40.62X2	Glaucoma secondary to drugs, left eye, moderate stage	Diagnosis	ICD-10-CM
H40.62X3	Glaucoma secondary to drugs, left eye, severe stage	Diagnosis	ICD-10-CM
H40.62X4	Glaucoma secondary to drugs, left eye, indeterminate stage	Diagnosis	ICD-10-CM
H40.63X0	Glaucoma secondary to drugs, bilateral, stage unspecified	Diagnosis	ICD-10-CM
H40.63X1	Glaucoma secondary to drugs, bilateral, mild stage	Diagnosis	ICD-10-CM
H40.63X2	Glaucoma secondary to drugs, bilateral, moderate stage	Diagnosis	ICD-10-CM
H40.63X3	Glaucoma secondary to drugs, bilateral, severe stage	Diagnosis	ICD-10-CM
H40.63X4	Glaucoma secondary to drugs, bilateral, indeterminate stage	Diagnosis	ICD-10-CM
H40.811	Glaucoma with increased episcleral venous pressure, right eye	Diagnosis	ICD-10-CM
H40.812	Glaucoma with increased episcleral venous pressure, left eye	Diagnosis	ICD-10-CM
H40.813	Glaucoma with increased episcleral venous pressure, bilateral	Diagnosis	ICD-10-CM
H40.819	Glaucoma with increased episcleral venous pressure, unspecified eye	Diagnosis	ICD-10-CM
H40.821	Hypersecretion glaucoma, right eye	Diagnosis	ICD-10-CM
H40.822	Hypersecretion glaucoma, left eye	Diagnosis	ICD-10-CM
H40.823	Hypersecretion glaucoma, bilateral	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
H40.829	Hypersecretion glaucoma, unspecified eye	Diagnosis	ICD-10-CM
H40.89	Other specified glaucoma	Diagnosis	ICD-10-CM
H40.9	Unspecified glaucoma	Diagnosis	ICD-10-CM
H42	Glaucoma in diseases classified elsewhere	Diagnosis	ICD-10-CM
H47.231	Glaucomatous optic atrophy, right eye	Diagnosis	ICD-10-CM
H47.232	Glaucomatous optic atrophy, left eye	Diagnosis	ICD-10-CM
H47.233	Glaucomatous optic atrophy, bilateral	Diagnosis	ICD-10-CM
H47.239	Glaucomatous optic atrophy, unspecified eye	Diagnosis	ICD-10-CM
Q15.0	Congenital glaucoma	Diagnosis	ICD-10-CM
Heart Failure			
I09.81	Rheumatic heart failure	Diagnosis	ICD-10-CM
I11.0	Hypertensive heart disease with heart failure	Diagnosis	ICD-10-CM
I13.0	Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I13.2	Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage renal disease	Diagnosis	ICD-10-CM
I50	Heart failure	Diagnosis	ICD-10-CM
I50.1	Left ventricular failure, unspecified	Diagnosis	ICD-10-CM
I50.2	Systolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.20	Unspecified systolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.21	Acute systolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.22	Chronic systolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.23	Acute on chronic systolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.3	Diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.30	Unspecified diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.31	Acute diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.32	Chronic diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.33	Acute on chronic diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.4	Combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.40	Unspecified combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.41	Acute combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.42	Chronic combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.43	Acute on chronic combined systolic (congestive) and diastolic (congestive) heart failure	Diagnosis	ICD-10-CM
I50.8	Other heart failure	Diagnosis	ICD-10-CM
I50.81	Right heart failure	Diagnosis	ICD-10-CM
I50.810	Right heart failure, unspecified	Diagnosis	ICD-10-CM
I50.811	Acute right heart failure	Diagnosis	ICD-10-CM
I50.812	Chronic right heart failure	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I50.813	Acute on chronic right heart failure	Diagnosis	ICD-10-CM
I50.814	Right heart failure due to left heart failure	Diagnosis	ICD-10-CM
I50.82	Biventricular heart failure	Diagnosis	ICD-10-CM
I50.83	High output heart failure	Diagnosis	ICD-10-CM
I50.84	End stage heart failure	Diagnosis	ICD-10-CM
I50.89	Other heart failure	Diagnosis	ICD-10-CM
I50.9	Heart failure, unspecified	Diagnosis	ICD-10-CM
I97.13	Postprocedural heart failure	Diagnosis	ICD-10-CM
I97.130	Postprocedural heart failure following cardiac surgery	Diagnosis	ICD-10-CM
I97.131	Postprocedural heart failure following other surgery	Diagnosis	ICD-10-CM
HIV/AIDS			
3490F	History of AIDS-defining condition (HIV)	Procedure	CPT-2
B20	Human immunodeficiency virus [HIV] disease	Diagnosis	ICD-10-CM
B97.35	Human immunodeficiency virus, type 2 [HIV 2] as the cause of diseases classified elsewhere	Diagnosis	ICD-10-CM
O98.7	Human immunodeficiency virus [HIV] disease complicating pregnancy, childbirth and the puerperium	Diagnosis	ICD-10-CM
O98.71	Human immunodeficiency virus [HIV] disease complicating pregnancy	Diagnosis	ICD-10-CM
O98.711	Human immunodeficiency virus [HIV] disease complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O98.712	Human immunodeficiency virus [HIV] disease complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O98.713	Human immunodeficiency virus [HIV] disease complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O98.719	Human immunodeficiency virus [HIV] disease complicating pregnancy, unspecified trimester	Diagnosis	ICD-10-CM
O98.72	Human immunodeficiency virus [HIV] disease complicating childbirth	Diagnosis	ICD-10-CM
O98.73	Human immunodeficiency virus [HIV] disease complicating the puerperium	Diagnosis	ICD-10-CM
Z21	Asymptomatic human immunodeficiency virus [HIV] infection status	Diagnosis	ICD-10-CM
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
Hypertension			
H35.031	Hypertensive retinopathy, right eye	Diagnosis	ICD-10-CM
H35.032	Hypertensive retinopathy, left eye	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
H35.033	Hypertensive retinopathy, bilateral	Diagnosis	ICD-10-CM
H35.039	Hypertensive retinopathy, unspecified eye	Diagnosis	ICD-10-CM
I10	Essential (primary) hypertension	Diagnosis	ICD-10-CM
I11.0	Hypertensive heart disease with heart failure	Diagnosis	ICD-10-CM
I11.9	Hypertensive heart disease without heart failure	Diagnosis	ICD-10-CM
I12.0	Hypertensive chronic kidney disease with stage 5 chronic kidney disease or end stage renal disease	Diagnosis	ICD-10-CM
I12.9	Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I13.0	Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I13.1	Hypertensive heart and chronic kidney disease without heart failure	Diagnosis	ICD-10-CM
I13.10	Hypertensive heart and chronic kidney disease without heart failure, with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	Diagnosis	ICD-10-CM
I13.11	Hypertensive heart and chronic kidney disease without heart failure, with stage 5 chronic kidney disease, or end stage renal disease	Diagnosis	ICD-10-CM
I13.2	Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage renal disease	Diagnosis	ICD-10-CM
I15.0	Renovascular hypertension	Diagnosis	ICD-10-CM
I15.1	Hypertension secondary to other renal disorders	Diagnosis	ICD-10-CM
I15.2	Hypertension secondary to endocrine disorders	Diagnosis	ICD-10-CM
I15.8	Other secondary hypertension	Diagnosis	ICD-10-CM
I15.9	Secondary hypertension, unspecified	Diagnosis	ICD-10-CM
I16.0	Hypertensive urgency	Diagnosis	ICD-10-CM
I16.1	Hypertensive emergency	Diagnosis	ICD-10-CM
I16.9	Hypertensive crisis, unspecified	Diagnosis	ICD-10-CM
I67.4	Hypertensive encephalopathy	Diagnosis	ICD-10-CM
N26.2	Page kidney	Diagnosis	ICD-10-CM
Inflammatory Bowel Disease			
K50	Crohn's disease [regional enteritis]	Diagnosis	ICD-10-CM
K50.0	Crohn's disease of small intestine	Diagnosis	ICD-10-CM
K50.00	Crohn's disease of small intestine without complications	Diagnosis	ICD-10-CM
K50.01	Crohn's disease of small intestine with complications	Diagnosis	ICD-10-CM
K50.011	Crohn's disease of small intestine with rectal bleeding	Diagnosis	ICD-10-CM
K50.012	Crohn's disease of small intestine with intestinal obstruction	Diagnosis	ICD-10-CM
K50.013	Crohn's disease of small intestine with fistula	Diagnosis	ICD-10-CM
K50.014	Crohn's disease of small intestine with abscess	Diagnosis	ICD-10-CM
K50.018	Crohn's disease of small intestine with other complication	Diagnosis	ICD-10-CM
K50.019	Crohn's disease of small intestine with unspecified complications	Diagnosis	ICD-10-CM
K50.1	Crohn's disease of large intestine	Diagnosis	ICD-10-CM
K50.10	Crohn's disease of large intestine without complications	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
K50.11	Crohn's disease of large intestine with complications	Diagnosis	ICD-10-CM
K50.111	Crohn's disease of large intestine with rectal bleeding	Diagnosis	ICD-10-CM
K50.112	Crohn's disease of large intestine with intestinal obstruction	Diagnosis	ICD-10-CM
K50.113	Crohn's disease of large intestine with fistula	Diagnosis	ICD-10-CM
K50.114	Crohn's disease of large intestine with abscess	Diagnosis	ICD-10-CM
K50.118	Crohn's disease of large intestine with other complication	Diagnosis	ICD-10-CM
K50.119	Crohn's disease of large intestine with unspecified complications	Diagnosis	ICD-10-CM
K50.8	Crohn's disease of both small and large intestine	Diagnosis	ICD-10-CM
K50.80	Crohn's disease of both small and large intestine without complications	Diagnosis	ICD-10-CM
K50.81	Crohn's disease of both small and large intestine with complications	Diagnosis	ICD-10-CM
K50.811	Crohn's disease of both small and large intestine with rectal bleeding	Diagnosis	ICD-10-CM
K50.812	Crohn's disease of both small and large intestine with intestinal obstruction	Diagnosis	ICD-10-CM
K50.813	Crohn's disease of both small and large intestine with fistula	Diagnosis	ICD-10-CM
K50.814	Crohn's disease of both small and large intestine with abscess	Diagnosis	ICD-10-CM
K50.818	Crohn's disease of both small and large intestine with other complication	Diagnosis	ICD-10-CM
K50.819	Crohn's disease of both small and large intestine with unspecified complications	Diagnosis	ICD-10-CM
K50.9	Crohn's disease, unspecified	Diagnosis	ICD-10-CM
K50.90	Crohn's disease, unspecified, without complications	Diagnosis	ICD-10-CM
K50.91	Crohn's disease, unspecified, with complications	Diagnosis	ICD-10-CM
K50.911	Crohn's disease, unspecified, with rectal bleeding	Diagnosis	ICD-10-CM
K50.912	Crohn's disease, unspecified, with intestinal obstruction	Diagnosis	ICD-10-CM
K50.913	Crohn's disease, unspecified, with fistula	Diagnosis	ICD-10-CM
K50.914	Crohn's disease, unspecified, with abscess	Diagnosis	ICD-10-CM
K50.918	Crohn's disease, unspecified, with other complication	Diagnosis	ICD-10-CM
K50.919	Crohn's disease, unspecified, with unspecified complications	Diagnosis	ICD-10-CM
K51	Ulcerative colitis	Diagnosis	ICD-10-CM
K51.0	Ulcerative (chronic) pancolitis	Diagnosis	ICD-10-CM
K51.00	Ulcerative (chronic) pancolitis without complications	Diagnosis	ICD-10-CM
K51.01	Ulcerative (chronic) pancolitis with complications	Diagnosis	ICD-10-CM
K51.011	Ulcerative (chronic) pancolitis with rectal bleeding	Diagnosis	ICD-10-CM
K51.012	Ulcerative (chronic) pancolitis with intestinal obstruction	Diagnosis	ICD-10-CM
K51.013	Ulcerative (chronic) pancolitis with fistula	Diagnosis	ICD-10-CM
K51.014	Ulcerative (chronic) pancolitis with abscess	Diagnosis	ICD-10-CM
K51.018	Ulcerative (chronic) pancolitis with other complication	Diagnosis	ICD-10-CM
K51.019	Ulcerative (chronic) pancolitis with unspecified complications	Diagnosis	ICD-10-CM
K51.2	Ulcerative (chronic) proctitis	Diagnosis	ICD-10-CM
K51.20	Ulcerative (chronic) proctitis without complications	Diagnosis	ICD-10-CM
K51.21	Ulcerative (chronic) proctitis with complications	Diagnosis	ICD-10-CM
K51.211	Ulcerative (chronic) proctitis with rectal bleeding	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
K51.212	Ulcerative (chronic) proctitis with intestinal obstruction	Diagnosis	ICD-10-CM
K51.213	Ulcerative (chronic) proctitis with fistula	Diagnosis	ICD-10-CM
K51.214	Ulcerative (chronic) proctitis with abscess	Diagnosis	ICD-10-CM
K51.218	Ulcerative (chronic) proctitis with other complication	Diagnosis	ICD-10-CM
K51.219	Ulcerative (chronic) proctitis with unspecified complications	Diagnosis	ICD-10-CM
K51.3	Ulcerative (chronic) rectosigmoiditis	Diagnosis	ICD-10-CM
K51.30	Ulcerative (chronic) rectosigmoiditis without complications	Diagnosis	ICD-10-CM
K51.31	Ulcerative (chronic) rectosigmoiditis with complications	Diagnosis	ICD-10-CM
K51.311	Ulcerative (chronic) rectosigmoiditis with rectal bleeding	Diagnosis	ICD-10-CM
K51.312	Ulcerative (chronic) rectosigmoiditis with intestinal obstruction	Diagnosis	ICD-10-CM
K51.313	Ulcerative (chronic) rectosigmoiditis with fistula	Diagnosis	ICD-10-CM
K51.314	Ulcerative (chronic) rectosigmoiditis with abscess	Diagnosis	ICD-10-CM
K51.318	Ulcerative (chronic) rectosigmoiditis with other complication	Diagnosis	ICD-10-CM
K51.319	Ulcerative (chronic) rectosigmoiditis with unspecified complications	Diagnosis	ICD-10-CM
K51.5	Left sided colitis	Diagnosis	ICD-10-CM
K51.50	Left sided colitis without complications	Diagnosis	ICD-10-CM
K51.51	Left sided colitis with complications	Diagnosis	ICD-10-CM
K51.511	Left sided colitis with rectal bleeding	Diagnosis	ICD-10-CM
K51.512	Left sided colitis with intestinal obstruction	Diagnosis	ICD-10-CM
K51.513	Left sided colitis with fistula	Diagnosis	ICD-10-CM
K51.514	Left sided colitis with abscess	Diagnosis	ICD-10-CM
K51.518	Left sided colitis with other complication	Diagnosis	ICD-10-CM
K51.519	Left sided colitis with unspecified complications	Diagnosis	ICD-10-CM
K51.8	Other ulcerative colitis	Diagnosis	ICD-10-CM
K51.80	Other ulcerative colitis without complications	Diagnosis	ICD-10-CM
K51.81	Other ulcerative colitis with complications	Diagnosis	ICD-10-CM
K51.811	Other ulcerative colitis with rectal bleeding	Diagnosis	ICD-10-CM
K51.812	Other ulcerative colitis with intestinal obstruction	Diagnosis	ICD-10-CM
K51.813	Other ulcerative colitis with fistula	Diagnosis	ICD-10-CM
K51.814	Other ulcerative colitis with abscess	Diagnosis	ICD-10-CM
K51.818	Other ulcerative colitis with other complication	Diagnosis	ICD-10-CM
K51.819	Other ulcerative colitis with unspecified complications	Diagnosis	ICD-10-CM
K51.9	Ulcerative colitis, unspecified	Diagnosis	ICD-10-CM
K51.90	Ulcerative colitis, unspecified, without complications	Diagnosis	ICD-10-CM
K51.91	Ulcerative colitis, unspecified, with complications	Diagnosis	ICD-10-CM
K51.911	Ulcerative colitis, unspecified with rectal bleeding	Diagnosis	ICD-10-CM
K51.912	Ulcerative colitis, unspecified with intestinal obstruction	Diagnosis	ICD-10-CM
K51.913	Ulcerative colitis, unspecified with fistula	Diagnosis	ICD-10-CM
K51.914	Ulcerative colitis, unspecified with abscess	Diagnosis	ICD-10-CM
K51.918	Ulcerative colitis, unspecified with other complication	Diagnosis	ICD-10-CM
K51.919	Ulcerative colitis, unspecified with unspecified complications	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
Mood Disorders			
F06.3	Mood disorder due to known physiological condition	Diagnosis	ICD-10-CM
F06.30	Mood disorder due to known physiological condition, unspecified	Diagnosis	ICD-10-CM
F06.31	Mood disorder due to known physiological condition with depressive features	Diagnosis	ICD-10-CM
F06.32	Mood disorder due to known physiological condition with major depressive-like episode	Diagnosis	ICD-10-CM
F06.33	Mood disorder due to known physiological condition with manic features	Diagnosis	ICD-10-CM
F06.34	Mood disorder due to known physiological condition with mixed features	Diagnosis	ICD-10-CM
F30	Manic episode	Diagnosis	ICD-10-CM
F30.1	Manic episode without psychotic symptoms	Diagnosis	ICD-10-CM
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	Bipolar disorder	Diagnosis	ICD-10-CM
F31.0	Bipolar disorder, current episode hypomanic	Diagnosis	ICD-10-CM
F31.1	Bipolar disorder, current episode manic without psychotic features	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
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
F31.3	Bipolar disorder, current episode depressed, mild or moderate severity	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
F31.6	Bipolar disorder, current episode mixed	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

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
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
F31.7	Bipolar disorder, currently in remission	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
F31.8	Other bipolar disorders	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
F32.81	Premenstrual dysphoric disorder	Diagnosis	ICD-10-CM
F34	Persistent mood [affective] disorders	Diagnosis	ICD-10-CM
F34.0	Cyclothymic disorder	Diagnosis	ICD-10-CM
F34.1	Dysthymic disorder	Diagnosis	ICD-10-CM
F34.8	Other persistent mood [affective] disorders	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
Multiple Sclerosis			
G35	Multiple sclerosis	Diagnosis	ICD-10-CM
Myocardial Infarction			
I21	Other myocardial infarction type	Diagnosis	ICD-10-CM
I21.0	Subsequent ST elevation (STEMI) myocardial infarction of unspecified site	Diagnosis	ICD-10-CM
I21.01	ST elevation (STEMI) myocardial infarction involving left main coronary artery	Diagnosis	ICD-10-CM
I21.02	ST elevation (STEMI) myocardial infarction involving left anterior descending coronary artery	Diagnosis	ICD-10-CM
I21.09	ST elevation (STEMI) myocardial infarction involving other coronary artery of anterior wall	Diagnosis	ICD-10-CM
I21.1	Acute myocardial infarction	Diagnosis	ICD-10-CM
I21.11	ST elevation (STEMI) myocardial infarction involving right coronary artery	Diagnosis	ICD-10-CM
I21.19	ST elevation (STEMI) myocardial infarction involving other coronary artery of inferior wall	Diagnosis	ICD-10-CM
I21.2	ST elevation (STEMI) myocardial infarction of anterior wall	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
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.A	Subsequent ST elevation (STEMI) and non-ST elevation (NSTEMI) myocardial infarction	Diagnosis	ICD-10-CM
I21.A1	ST elevation (STEMI) myocardial infarction of other sites	Diagnosis	ICD-10-CM
I21.A9	Other type of myocardial infarction	Diagnosis	ICD-10-CM
I22	ST elevation (STEMI) myocardial infarction of inferior wall	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	Myocardial infarction type 2	Diagnosis	ICD-10-CM
I23	Certain current complications following ST elevation (STEMI) and non-ST elevation (NSTEMI) myocardial infarction (within the 28 day period)	Diagnosis	ICD-10-CM
I23.0	Hemopericardium as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.1	Atrial septal defect as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.2	Ventricular septal defect as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.3	Rupture of cardiac wall without hemopericardium as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.4	Rupture of chordae tendineae as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.5	Rupture of papillary muscle as current complication following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.6	Thrombosis of atrium, auricular appendage, and ventricle as current complications following acute myocardial infarction	Diagnosis	ICD-10-CM
I23.8	Other current complications following acute myocardial infarction	Diagnosis	ICD-10-CM
I25.2	Old myocardial infarction	Diagnosis	ICD-10-CM
Nausea			
R11	Nausea and vomiting	Diagnosis	ICD-10-CM
R11.0	Nausea	Diagnosis	ICD-10-CM
R11.1	Vomiting	Diagnosis	ICD-10-CM
R11.10	Vomiting, unspecified	Diagnosis	ICD-10-CM
R11.11	Vomiting without nausea	Diagnosis	ICD-10-CM
R11.12	Projectile vomiting	Diagnosis	ICD-10-CM
R11.13	Vomiting of fecal matter	Diagnosis	ICD-10-CM
R11.14	Bilious vomiting	Diagnosis	ICD-10-CM
R11.15	Cyclical vomiting syndrome unrelated to migraine	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
R11.2	Nausea with vomiting, unspecified	Diagnosis	ICD-10-CM
Nicotine Use/Vaping			
1032F	Current tobacco smoker or currently exposed to secondhand smoke (asthma)	Procedure	HCPCS
1034F	Current tobacco smoker (cad, cap, copd, pv) (dm)	Procedure	HCPCS
1035F	Current smokeless tobacco user (eg, chew, snuff) (pv)	Procedure	HCPCS
4000F	Tobacco use cessation intervention, counseling (copd, cap, cad, asthma) (dm) (pv)	Procedure	HCPCS
4001F	Tobacco use cessation intervention, pharmacologic therapy (copd, cad, cap, pv, asthma) (dm) (pv)	Procedure	HCPCS
4004F	Patient screened for tobacco use and received tobacco cessation intervention (counseling, pharmacotherapy, or both), if identified as a tobacco user (pv, cad)	Procedure	HCPCS
99406	Smoking and tobacco use intermediate counseling, greater than 3 minutes up to 10 minutes	Procedure	HCPCS
99407	Smoking and tobacco use intensive counseling, greater than 10 minutes	Procedure	HCPCS
C9801	Smoking and tobacco cessation counseling visit for the asymptomatic patient; intermediate, greater than 3 minutes, up to 10 minutes	Procedure	HCPCS
C9802	Smoking and tobacco cessation counseling visit for the asymptomatic patient; intensive, greater than 10 minutes	Procedure	HCPCS
D1320	Tobacco counseling for the control and prevention of oral disease	Procedure	HCPCS
F17200	Nicotine dependence, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F17201	Nicotine dependence, unspecified, in remission	Diagnosis	ICD-10-CM
F17203	Nicotine dependence unspecified, with withdrawal	Diagnosis	ICD-10-CM
F17208	Nicotine dependence, unspecified, with other nicotine-induced disorders	Diagnosis	ICD-10-CM
F17209	Nicotine dependence, unspecified, with unspecified nicotine-induced disorders	Diagnosis	ICD-10-CM
F17210	Nicotine dependence, cigarettes, uncomplicated	Diagnosis	ICD-10-CM
F17211	Nicotine dependence, cigarettes, in remission	Diagnosis	ICD-10-CM
F17213	Nicotine dependence, cigarettes, with withdrawal	Diagnosis	ICD-10-CM
F17218	Nicotine dependence, cigarettes, with other nicotine-induced disorders	Diagnosis	ICD-10-CM
F17219	Nicotine dependence, cigarettes, with unspecified nicotine-induced disorders	Diagnosis	ICD-10-CM
F17220	Nicotine dependence, chewing tobacco, uncomplicated	Diagnosis	ICD-10-CM
F17221	Nicotine dependence, chewing tobacco, in remission	Diagnosis	ICD-10-CM
F17223	Nicotine dependence, chewing tobacco, with withdrawal	Diagnosis	ICD-10-CM
F17228	Nicotine dependence, chewing tobacco, with other nicotine-induced disorders	Diagnosis	ICD-10-CM
F17229	Nicotine dependence, chewing tobacco, with unspecified nicotine-induced disorders	Diagnosis	ICD-10-CM
F17290	Nicotine dependence, other tobacco product, uncomplicated	Diagnosis	ICD-10-CM
F17291	Nicotine dependence, other tobacco product, in remission	Diagnosis	ICD-10-CM
F17293	Nicotine dependence, other tobacco product, with withdrawal	Diagnosis	ICD-10-CM
F17298	Nicotine dependence, other tobacco product, with other nicotine-induced disorders	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
F17299	Nicotine dependence, other tobacco product, with unspecified nicotine-induced disorders	Diagnosis	ICD-10-CM
G0375	SMOKING AND TOBACCO USE CESSATION COUNSELING VISIT; INTERMEDIATE, GREATER THAN 3 MINUTES UP TO 10 MINUTES	Procedure	HCPCS
G0376	SMOKING AND TOBACCO USE CESSATION COUNSELING VISIT; INTENSIVE, GREATER THAN 10 MINUTES	Procedure	HCPCS
G0436	Smoking and tobacco cessation counseling visit for the asymptomatic patient; intermediate, greater than 3 minutes, up to 10 minutes	Procedure	HCPCS
G0437	Smoking and tobacco cessation counseling visit for the asymptomatic patient; intensive, greater than 10 minutes	Procedure	HCPCS
G8093	Newly diagnosed chronic obstructive pulmonary disease (copd) patient documented to have received smoking cessation intervention, within 3 months of diagnosis	Procedure	HCPCS
G8094	Newly diagnosed chronic obstructive pulmonary disease (copd) patient not documented to have received smoking cessation intervention, within 3 months of diagnosis	Procedure	HCPCS
G8402	Tobacco (smoke) use cessation intervention, counseling	Procedure	HCPCS
G8403	Tobacco (smoke) use cessation intervention not counseled	Procedure	HCPCS
G8453	Tobacco use cessation intervention, counseling	Procedure	HCPCS
G8454	Tobacco use cessation intervention not counseled, reason not specified	Procedure	HCPCS
G8455	Current tobacco smoker	Procedure	HCPCS
G8456	Current smokeless tobacco user	Procedure	HCPCS
G8686	Currently a tobacco smoker or current exposure to secondhand smoke	Procedure	HCPCS
G8688	Currently a smokeless tobacco user (eg, chew, snuff) and no exposure to secondhand smoke	Procedure	HCPCS
G8690	Current tobacco smoker or current exposure to secondhand smoke	Procedure	HCPCS
G8692	Current smokeless tobacco user (eg, chew, snuff) and no exposure to secondhand smoke	Procedure	HCPCS
G9016	Smoking cessation counseling, individual, in the absence of or in addition to any other evaluation and management service, per session (6-10 minutes) âdemo project code only	Procedure	HCPCS
G9276	Documentation that patient is a current tobacco user	Procedure	HCPCS
G9458	Patient documented as tobacco user and received tobacco cessation intervention (must include at least one of the following: advice given to quit smoking or tobacco use, counseling on the benefits of a	Procedure	HCPCS
G9645	Patients who did not abstain from smoking prior to anesthesia on the day of surgery or procedure	Procedure	HCPCS
G9792	Most recent tobacco status is not tobacco free	Procedure	HCPCS
G9902	Patient screened for tobacco use and identified as a tobacco user	Procedure	HCPCS
G9906	Patient identified as a tobacco user received tobacco cessation intervention (counseling and/or pharmacotherapy)	Procedure	HCPCS
G9908	Patient identified as tobacco user did not receive tobacco cessation intervention (counseling and/or pharmacotherapy), reason not given	Procedure	HCPCS
G9909	Documentation of medical reason(s) for not providing tobacco cessation intervention if identified as a tobacco user (eg, limited life expectancy, other medical reason)	Procedure	HCPCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
S4990	Nicotine patches, legend	Procedure	HCPCS
S4991	Nicotine patches, non-legend	Procedure	HCPCS
S4995	Smoking cessation gum	Procedure	HCPCS
S9075	Smoking cessation treatment	Procedure	HCPCS
S9453	Smoking cessation classes, non-physician provider, per session	Procedure	HCPCS
T65211A	Toxic effect of chewing tobacco, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65211D	Toxic effect of chewing tobacco, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T65211S	Toxic effect of chewing tobacco, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T65212A	Toxic effect of chewing tobacco, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65212D	Toxic effect of chewing tobacco, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65212S	Toxic effect of chewing tobacco, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65213A	Toxic effect of chewing tobacco, assault, initial encounter	Diagnosis	ICD-10-CM
T65213D	Toxic effect of chewing tobacco, assault, subsequent encounter	Diagnosis	ICD-10-CM
T65213S	Toxic effect of chewing tobacco, assault, sequela	Diagnosis	ICD-10-CM
T65214A	Toxic effect of chewing tobacco, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65214D	Toxic effect of chewing tobacco, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T65214S	Toxic effect of chewing tobacco, undetermined, sequela	Diagnosis	ICD-10-CM
T65221A	Toxic effect of tobacco cigarettes, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65221D	Toxic effect of tobacco cigarettes, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T65221S	Toxic effect of tobacco cigarettes, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T65222A	Toxic effect of tobacco cigarettes, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T65222D	Toxic effect of tobacco cigarettes, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65222S	Toxic effect of tobacco cigarettes, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65223A	Toxic effect of tobacco cigarettes, assault, initial encounter	Diagnosis	ICD-10-CM
T65223D	Toxic effect of tobacco cigarettes, assault, subsequent encounter	Diagnosis	ICD-10-CM
T65223S	Toxic effect of tobacco cigarettes, assault, sequela	Diagnosis	ICD-10-CM
T65224A	Toxic effect of tobacco cigarettes, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65224D	Toxic effect of tobacco cigarettes, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T65224S	Toxic effect of tobacco cigarettes, undetermined, sequela	Diagnosis	ICD-10-CM
T65291A	Toxic effect of other tobacco and nicotine, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T65291D	Toxic effect of other tobacco and nicotine, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T65291S	Toxic effect of other tobacco and nicotine, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T65292A	Toxic effect of other tobacco and nicotine, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
T65292D	Toxic effect of other tobacco and nicotine, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T65292S	Toxic effect of other tobacco and nicotine, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T65293A	Toxic effect of other tobacco and nicotine, assault, initial encounter	Diagnosis	ICD-10-CM
T65293D	Toxic effect of other tobacco and nicotine, assault, subsequent encounter	Diagnosis	ICD-10-CM
T65293S	Toxic effect of other tobacco and nicotine, assault, sequela	Diagnosis	ICD-10-CM
T65294A	Toxic effect of other tobacco and nicotine, undetermined, initial encounter	Diagnosis	ICD-10-CM
T65294D	Toxic effect of other tobacco and nicotine, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T65294S	Toxic effect of other tobacco and nicotine, undetermined, sequela	Diagnosis	ICD-10-CM
U07.0	Vaping related disorder	Diagnosis	ICD-10-CM
Z716	Tobacco abuse counseling	Diagnosis	ICD-10-CM
Z720	Tobacco use	Diagnosis	ICD-10-CM
Z87891	Personal history of nicotine dependence	Diagnosis	ICD-10-CM
Obesity			
0D16079	Bypass Stomach to Duodenum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1607A	Bypass Stomach to Jejunum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1607B	Bypass Stomach to Ileum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1607L	Bypass Stomach to Transverse Colon with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D160J9	Bypass Stomach to Duodenum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D160JA	Bypass Stomach to Jejunum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D160JB	Bypass Stomach to Ileum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D160JL	Bypass Stomach to Transverse Colon with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D160K9	Bypass Stomach to Duodenum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D160KA	Bypass Stomach to Jejunum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D160KB	Bypass Stomach to Ileum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D160KL	Bypass Stomach to Transverse Colon with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D160Z9	Bypass Stomach to Duodenum, Open Approach	Procedure	ICD-10-PCS
0D160ZA	Bypass Stomach to Jejunum, Open Approach	Procedure	ICD-10-PCS
0D160ZB	Bypass Stomach to Ileum, Open Approach	Procedure	ICD-10-PCS
0D160ZL	Bypass Stomach to Transverse Colon, Open Approach	Procedure	ICD-10-PCS
0D16479	Bypass Stomach to Duodenum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1647A	Bypass Stomach to Jejunum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
0D1647B	Bypass Stomach to Ileum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1647L	Bypass Stomach to Transverse Colon with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D164J9	Bypass Stomach to Duodenum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D164JA	Bypass Stomach to Jejunum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D164JB	Bypass Stomach to Ileum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D164JL	Bypass Stomach to Transverse Colon with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D164K9	Bypass Stomach to Duodenum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D164KA	Bypass Stomach to Jejunum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D164KB	Bypass Stomach to Ileum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D164KL	Bypass Stomach to Transverse Colon with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D164Z9	Bypass Stomach to Duodenum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D164ZA	Bypass Stomach to Jejunum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D164ZB	Bypass Stomach to Ileum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D164ZL	Bypass Stomach to Transverse Colon, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D16879	Bypass Stomach to Duodenum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1687A	Bypass Stomach to Jejunum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1687B	Bypass Stomach to Ileum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1687L	Bypass Stomach to Transverse Colon with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D168J9	Bypass Stomach to Duodenum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D168JA	Bypass Stomach to Jejunum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D168JB	Bypass Stomach to Ileum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D168JL	Bypass Stomach to Transverse Colon with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D168K9	Bypass Stomach to Duodenum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D168KA	Bypass Stomach to Jejunum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D168KB	Bypass Stomach to Ileum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
0D168KL	Bypass Stomach to Transverse Colon with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D168Z9	Bypass Stomach to Duodenum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D168ZA	Bypass Stomach to Jejunum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D168ZB	Bypass Stomach to Ileum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D168ZL	Bypass Stomach to Transverse Colon, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D19079	Bypass Duodenum to Duodenum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1907A	Bypass Duodenum to Jejunum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1907B	Bypass Duodenum to Ileum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D190J9	Bypass Duodenum to Duodenum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D190JA	Bypass Duodenum to Jejunum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D190JB	Bypass Duodenum to Ileum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D190K9	Bypass Duodenum to Duodenum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D190KA	Bypass Duodenum to Jejunum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D190KB	Bypass Duodenum to Ileum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D190Z9	Bypass Duodenum to Duodenum, Open Approach	Procedure	ICD-10-PCS
0D190ZA	Bypass Duodenum to Jejunum, Open Approach	Procedure	ICD-10-PCS
0D190ZB	Bypass Duodenum to Ileum, Open Approach	Procedure	ICD-10-PCS
0D19479	Bypass Duodenum to Duodenum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1947A	Bypass Duodenum to Jejunum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1947B	Bypass Duodenum to Ileum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D194J9	Bypass Duodenum to Duodenum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D194JA	Bypass Duodenum to Jejunum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D194JB	Bypass Duodenum to Ileum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D194K9	Bypass Duodenum to Duodenum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D194KA	Bypass Duodenum to Jejunum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D194KB	Bypass Duodenum to Ileum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D194Z9	Bypass Duodenum to Duodenum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D194ZA	Bypass Duodenum to Jejunum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
0D194ZB	Bypass Duodenum to Ileum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D19879	Bypass Duodenum to Duodenum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1987A	Bypass Duodenum to Jejunum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1987B	Bypass Duodenum to Ileum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D198J9	Bypass Duodenum to Duodenum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D198JA	Bypass Duodenum to Jejunum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D198JB	Bypass Duodenum to Ileum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D198K9	Bypass Duodenum to Duodenum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D198KA	Bypass Duodenum to Jejunum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D198KB	Bypass Duodenum to Ileum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D198Z9	Bypass Duodenum to Duodenum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D198ZA	Bypass Duodenum to Jejunum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D198ZB	Bypass Duodenum to Ileum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A07A	Bypass Jejunum to Jejunum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A07B	Bypass Jejunum to Ileum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A0JA	Bypass Jejunum to Jejunum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A0JB	Bypass Jejunum to Ileum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A0KA	Bypass Jejunum to Jejunum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A0KB	Bypass Jejunum to Ileum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1A0ZA	Bypass Jejunum to Jejunum, Open Approach	Procedure	ICD-10-PCS
0D1A0ZB	Bypass Jejunum to Ileum, Open Approach	Procedure	ICD-10-PCS
0D1A47A	Bypass Jejunum to Jejunum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A47B	Bypass Jejunum to Ileum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A4JA	Bypass Jejunum to Jejunum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A4JB	Bypass Jejunum to Ileum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A4KA	Bypass Jejunum to Jejunum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
0D1A4KB	Bypass Jejunum to Ileum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A4ZA	Bypass Jejunum to Jejunum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A4ZB	Bypass Jejunum to Ileum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1A87A	Bypass Jejunum to Jejunum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A87B	Bypass Jejunum to Ileum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A8JA	Bypass Jejunum to Jejunum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A8JB	Bypass Jejunum to Ileum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A8KA	Bypass Jejunum to Jejunum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A8KB	Bypass Jejunum to Ileum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A8ZA	Bypass Jejunum to Jejunum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1A8ZB	Bypass Jejunum to Ileum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B07B	Bypass Ileum to Ileum with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1B0JB	Bypass Ileum to Ileum with Synthetic Substitute, Open Approach	Procedure	ICD-10-PCS
0D1B0KB	Bypass Ileum to Ileum with Nonautologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
0D1B0ZB	Bypass Ileum to Ileum, Open Approach	Procedure	ICD-10-PCS
0D1B47B	Bypass Ileum to Ileum with Autologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B4JB	Bypass Ileum to Ileum with Synthetic Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B4KB	Bypass Ileum to Ileum with Nonautologous Tissue Substitute, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B4ZB	Bypass Ileum to Ileum, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0D1B87B	Bypass Ileum to Ileum with Autologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B8JB	Bypass Ileum to Ileum with Synthetic Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B8KB	Bypass Ileum to Ileum with Nonautologous Tissue Substitute, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B8ZB	Bypass Ileum to Ileum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0D1B8ZH	Bypass Ileum to Cecum, Via Natural or Artificial Opening Endoscopic	Procedure	ICD-10-PCS
0DB60Z3	Excision of Stomach, Open Approach, Vertical	Procedure	ICD-10-PCS
0DB60ZZ	Excision of Stomach, Open Approach	Procedure	ICD-10-PCS
0DB63Z3	Excision of Stomach, Percutaneous Approach, Vertical	Procedure	ICD-10-PCS
0DB63ZZ	Excision of Stomach, Percutaneous Approach	Procedure	ICD-10-PCS
0DB67Z3	Excision of Stomach, Via Natural or Artificial Opening, Vertical	Procedure	ICD-10-PCS
0DB67ZZ	Excision of Stomach, Via Natural or Artificial Opening	Procedure	ICD-10-PCS
0DB68Z3	Excision of Stomach, Via Natural or Artificial Opening Endoscopic, Vertical	Procedure	ICD-10-PCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
0DB80ZZ	Excision of Small Intestine, Open Approach	Procedure	ICD-10-PCS
0DBB0ZZ	Excision of Ileum, Open Approach	Procedure	ICD-10-PCS
0DV64CZ	Restriction of Stomach with Extraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0F190Z3	Bypass Common Bile Duct to Duodenum, Open Approach	Procedure	ICD-10-PCS
0TRB07Z	Replacement of Bladder with Autologous Tissue Substitute, Open Approach	Procedure	ICD-10-PCS
43644	Laparoscopy, surgical, gastric restrictive procedure; with gastric bypass and Roux-en-Y gastroenterostomy (roux limb 150 cm or less)	Procedure	CPT-4
43645	Laparoscopy, surgical, gastric restrictive procedure; with gastric bypass and small intestine reconstruction to limit absorption	Procedure	CPT-4
43770	Laparoscopy, surgical, gastric restrictive procedure; placement of adjustable gastric restrictive device (eg, gastric band and subcutaneous port components)	Procedure	CPT-4
43842	Gastric restrictive procedure, without gastric bypass, for morbid obesity; vertical-banded gastroplasty	Procedure	CPT-4
43843	Gastric restrictive procedure, without gastric bypass, for morbid obesity; other than vertical-banded gastroplasty	Procedure	CPT-4
43845	Gastric restrictive procedure with partial gastrectomy, pylorus-preserving duodenoileostomy and ileoileostomy (50 to 100 cm common channel) to limit absorption (biliopancreatic diversion with duodenal switch)	Procedure	CPT-4
43846	Gastric restrictive procedure, with gastric bypass for morbid obesity; with short limb (150 cm or less) Roux-en-Y gastroenterostomy	Procedure	CPT-4
43847	Gastric restrictive procedure, with gastric bypass for morbid obesity; with small intestine reconstruction to limit absorption	Procedure	CPT-4
E66.01	Morbid (severe) obesity due to excess calories	Diagnosis	ICD-10-CM
E66.09	Other obesity due to excess calories	Diagnosis	ICD-10-CM
E66.1	Drug-induced obesity	Diagnosis	ICD-10-CM
E66.2	Morbid (severe) obesity with alveolar hypoventilation	Diagnosis	ICD-10-CM
E66.8	Other obesity	Diagnosis	ICD-10-CM
E66.9	Obesity, unspecified	Diagnosis	ICD-10-CM
K95.01	Infection due to gastric band procedure	Diagnosis	ICD-10-CM
K95.09	Other complications of gastric band procedure	Diagnosis	ICD-10-CM
K95.81	Infection due to other bariatric procedure	Diagnosis	ICD-10-CM
K95.89	Other complications of other bariatric procedure	Diagnosis	ICD-10-CM
O99.210	Obesity complicating pregnancy, unspecified trimester	Diagnosis	ICD-10-CM
O99.211	Obesity complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O99.212	Obesity complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O99.213	Obesity complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99.214	Obesity complicating childbirth	Diagnosis	ICD-10-CM
O99.215	Obesity complicating the puerperium	Diagnosis	ICD-10-CM
O99.840	Bariatric surgery status complicating pregnancy, unspecified trimester	Diagnosis	ICD-10-CM
O99.841	Bariatric surgery status complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O99.842	Bariatric surgery status complicating pregnancy, second trimester	Diagnosis	ICD-10-CM
O99.843	Bariatric surgery status complicating pregnancy, third trimester	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
O99.844	Bariatric surgery status complicating childbirth	Diagnosis	ICD-10-CM
O99.845	Bariatric surgery status complicating the puerperium	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
Z68.30	Body mass index [BMI] 30.0-30.9, adult	Diagnosis	ICD-10-CM
Z68.31	Body mass index [BMI] 31.0-31.9, adult	Diagnosis	ICD-10-CM
Z68.32	Body mass index [BMI] 32.0-32.9, adult	Diagnosis	ICD-10-CM
Z68.33	Body mass index [BMI] 33.0-33.9, adult	Diagnosis	ICD-10-CM
Z68.34	Body mass index [BMI] 34.0-34.9, adult	Diagnosis	ICD-10-CM
Z68.35	Body mass index [BMI] 35.0-35.9, adult	Diagnosis	ICD-10-CM
Z68.36	Body mass index [BMI] 36.0-36.9, adult	Diagnosis	ICD-10-CM
Z68.37	Body mass index [BMI] 37.0-37.9, adult	Diagnosis	ICD-10-CM
Z68.38	Body mass index [BMI] 38.0-38.9, adult	Diagnosis	ICD-10-CM
Z68.39	Body mass index [BMI] 39.0-39.9, adult	Diagnosis	ICD-10-CM
Z68.41	Body mass index [BMI]40.0-44.9, adult	Diagnosis	ICD-10-CM
Z68.42	Body mass index [BMI] 45.0-49.9, adult	Diagnosis	ICD-10-CM
Z68.43	Body mass index [BMI] 50.0-59.9, adult	Diagnosis	ICD-10-CM
Z68.44	Body mass index [BMI] 60.0-69.9, adult	Diagnosis	ICD-10-CM
Z68.45	Body mass index [BMI] 70 or greater, adult	Diagnosis	ICD-10-CM
Z68.53	Body mass index (BMI) pediatric, 85th percentile to less than 95th percentile for age	Diagnosis	ICD-10-CM
Z68.54	Body mass index (BMI) pediatric, greater than or equal to 95th percentile for age	Diagnosis	ICD-10-CM
Z98.84	Bariatric surgery status	Diagnosis	ICD-10-CM
Other Cardiovascular Diseases			
0210344	Bypass Coronary Artery, One Artery from Coronary Vein with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02103D4	Bypass Coronary Artery, One Artery from Coronary Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0210444	Bypass Coronary Artery, One Artery from Coronary Vein with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02104D4	Bypass Coronary Artery, One Artery from Coronary Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0211344	Bypass Coronary Artery, Two Arteries from Coronary Vein with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02113D4	Bypass Coronary Artery, Two Arteries from Coronary Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0211444	Bypass Coronary Artery, Two Arteries from Coronary Vein with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02114D4	Bypass Coronary Artery, Two Arteries from Coronary Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
02123D4	Bypass Coronary Artery, Three Arteries from Coronary Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0212444	Bypass Coronary Artery, Three Arteries from Coronary Vein with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02124D4	Bypass Coronary Artery, Three Arteries from Coronary Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
0213344	Bypass Coronary Artery, Four or More Arteries from Coronary Vein with Drug-eluting Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
02133D4	Bypass Coronary Artery, Four or More Arteries from Coronary Vein with Intraluminal Device, Percutaneous Approach	Procedure	ICD-10-PCS
0213444	Bypass Coronary Artery, Four or More Arteries from Coronary Vein with Drug-eluting Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02134D4	Bypass Coronary Artery, Four or More Arteries from Coronary Vein with Intraluminal Device, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02703Z6	Dilation of Coronary Artery, One Artery, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
02703ZZ	Dilation of Coronary Artery, One Artery, Percutaneous Approach	Procedure	ICD-10-PCS
02704Z6	Dilation of Coronary Artery, One Artery, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02704ZZ	Dilation of Coronary Artery, One Artery, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02713Z6	Dilation of Coronary Artery, Two Arteries, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
02713ZZ	Dilation of Coronary Artery, Two Arteries, Percutaneous Approach	Procedure	ICD-10-PCS
02714Z6	Dilation of Coronary Artery, Two Arteries, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02714ZZ	Dilation of Coronary Artery, Two Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02723Z6	Dilation of Coronary Artery, Three Arteries, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
02723ZZ	Dilation of Coronary Artery, Three Arteries, Percutaneous Approach	Procedure	ICD-10-PCS
02724Z6	Dilation of Coronary Artery, Three Arteries, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02724ZZ	Dilation of Coronary Artery, Three Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02733Z6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, Percutaneous Approach	Procedure	ICD-10-PCS
02733ZZ	Dilation of Coronary Artery, Four or More Arteries, Percutaneous Approach	Procedure	ICD-10-PCS
02734Z6	Dilation of Coronary Artery, Four or More Arteries, Bifurcation, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
02734ZZ	Dilation of Coronary Artery, Four or More Arteries, Percutaneous Endoscopic Approach	Procedure	ICD-10-PCS
G8451	Beta-blocker therapy for LVEF < 40% not prescribed for reasons documented by the clinician (e.g., low blood pressure, fluid overload, asthma, patients recently treated with an intravenous positive inotropic agent, allergy, intolerance, other medical reasons, patient declined, other patient reasons, or other reasons attributable to the health care system)	Procedure	HCPCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
G8694	Left ventricular ejection fraction (LVEF) < 40%	Procedure	HCPCS
G8738	Left ventricular ejection fraction (LVEF) < 40% or documentation of severely or moderately depressed left ventricular systolic function	Procedure	HCPCS
G8923	Left ventricular ejection fraction (LVEF) < 40% or documentation of moderately or severely depressed left ventricular systolic function	Procedure	HCPCS
G8934	Left ventricular ejection fraction (LVEF) < 40% or documentation of moderately or severely depressed left ventricular systolic function	Procedure	HCPCS
I01	Rheumatic fever with heart involvement	Diagnosis	ICD-10-CM
I01.0	Acute rheumatic pericarditis	Diagnosis	ICD-10-CM
I01.1	Acute rheumatic endocarditis	Diagnosis	ICD-10-CM
I01.2	Acute rheumatic myocarditis	Diagnosis	ICD-10-CM
I01.8	Other acute rheumatic heart disease	Diagnosis	ICD-10-CM
I01.9	Acute rheumatic heart disease, unspecified	Diagnosis	ICD-10-CM
I02.0	Rheumatic chorea with heart involvement	Diagnosis	ICD-10-CM
I05	Rheumatic mitral valve diseases	Diagnosis	ICD-10-CM
I05.0	Rheumatic mitral stenosis	Diagnosis	ICD-10-CM
I05.1	Rheumatic mitral insufficiency	Diagnosis	ICD-10-CM
I05.2	Rheumatic mitral stenosis with insufficiency	Diagnosis	ICD-10-CM
I05.8	Other rheumatic mitral valve diseases	Diagnosis	ICD-10-CM
I05.9	Rheumatic mitral valve disease, unspecified	Diagnosis	ICD-10-CM
I06	Rheumatic aortic valve diseases	Diagnosis	ICD-10-CM
I06.0	Rheumatic aortic stenosis	Diagnosis	ICD-10-CM
I06.1	Rheumatic aortic insufficiency	Diagnosis	ICD-10-CM
I06.2	Rheumatic aortic stenosis with insufficiency	Diagnosis	ICD-10-CM
I06.8	Other rheumatic aortic valve diseases	Diagnosis	ICD-10-CM
I06.9	Rheumatic aortic valve disease, unspecified	Diagnosis	ICD-10-CM
I07	Rheumatic tricuspid valve diseases	Diagnosis	ICD-10-CM
I07.0	Rheumatic tricuspid stenosis	Diagnosis	ICD-10-CM
I07.1	Rheumatic tricuspid insufficiency	Diagnosis	ICD-10-CM
I07.2	Rheumatic tricuspid stenosis and insufficiency	Diagnosis	ICD-10-CM
I07.8	Other rheumatic tricuspid valve diseases	Diagnosis	ICD-10-CM
I07.9	Rheumatic tricuspid valve disease, unspecified	Diagnosis	ICD-10-CM
I08	Multiple valve diseases	Diagnosis	ICD-10-CM
I08.0	Rheumatic disorders of both mitral and aortic valves	Diagnosis	ICD-10-CM
I08.1	Rheumatic disorders of both mitral and tricuspid valves	Diagnosis	ICD-10-CM
I08.2	Rheumatic disorders of both aortic and tricuspid valves	Diagnosis	ICD-10-CM
I08.3	Combined rheumatic disorders of mitral, aortic and tricuspid valves	Diagnosis	ICD-10-CM
I08.8	Other rheumatic multiple valve diseases	Diagnosis	ICD-10-CM
I08.9	Rheumatic multiple valve disease, unspecified	Diagnosis	ICD-10-CM
I09	Other rheumatic heart diseases	Diagnosis	ICD-10-CM
I09.0	Rheumatic myocarditis	Diagnosis	ICD-10-CM
I09.1	Rheumatic diseases of endocardium, valve unspecified	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I09.2	Chronic rheumatic pericarditis	Diagnosis	ICD-10-CM
I09.8	Other specified rheumatic heart diseases	Diagnosis	ICD-10-CM
I09.89	Other specified rheumatic heart diseases	Diagnosis	ICD-10-CM
I09.9	Rheumatic heart disease, unspecified	Diagnosis	ICD-10-CM
I24.1	Dressler's syndrome	Diagnosis	ICD-10-CM
I25.3	Aneurysm of heart	Diagnosis	ICD-10-CM
I25.4	Coronary artery aneurysm and dissection	Diagnosis	ICD-10-CM
I25.41	Coronary artery aneurysm	Diagnosis	ICD-10-CM
I25.42	Coronary artery dissection	Diagnosis	ICD-10-CM
I27.1	Kyphoscoliotic heart disease	Diagnosis	ICD-10-CM
I27.8	Other specified pulmonary heart diseases	Diagnosis	ICD-10-CM
I27.81	Cor pulmonale (chronic)	Diagnosis	ICD-10-CM
I27.83	Eisenmenger's syndrome	Diagnosis	ICD-10-CM
I31.0	Chronic adhesive pericarditis	Diagnosis	ICD-10-CM
I31.1	Chronic constrictive pericarditis	Diagnosis	ICD-10-CM
I34	Nonrheumatic mitral valve disorders	Diagnosis	ICD-10-CM
I34.0	Nonrheumatic mitral (valve) insufficiency	Diagnosis	ICD-10-CM
I34.1	Nonrheumatic mitral (valve) prolapse	Diagnosis	ICD-10-CM
I34.2	Nonrheumatic mitral (valve) stenosis	Diagnosis	ICD-10-CM
I34.8	Other nonrheumatic mitral valve disorders	Diagnosis	ICD-10-CM
I34.9	Nonrheumatic mitral valve disorder, unspecified	Diagnosis	ICD-10-CM
I35	Nonrheumatic aortic valve disorders	Diagnosis	ICD-10-CM
I35.0	Nonrheumatic aortic (valve) stenosis	Diagnosis	ICD-10-CM
I35.1	Nonrheumatic aortic (valve) insufficiency	Diagnosis	ICD-10-CM
I35.2	Nonrheumatic aortic (valve) stenosis with insufficiency	Diagnosis	ICD-10-CM
I35.8	Other nonrheumatic aortic valve disorders	Diagnosis	ICD-10-CM
I35.9	Nonrheumatic aortic valve disorder, unspecified	Diagnosis	ICD-10-CM
I36	Nonrheumatic tricuspid valve disorders	Diagnosis	ICD-10-CM
I36.0	Nonrheumatic tricuspid (valve) stenosis	Diagnosis	ICD-10-CM
I36.1	Nonrheumatic tricuspid (valve) insufficiency	Diagnosis	ICD-10-CM
I36.2	Nonrheumatic tricuspid (valve) stenosis with insufficiency	Diagnosis	ICD-10-CM
I36.8	Other nonrheumatic tricuspid valve disorders	Diagnosis	ICD-10-CM
I36.9	Nonrheumatic tricuspid valve disorder, unspecified	Diagnosis	ICD-10-CM
I37	Nonrheumatic pulmonary valve disorders	Diagnosis	ICD-10-CM
I37.0	Nonrheumatic pulmonary valve stenosis	Diagnosis	ICD-10-CM
I37.1	Nonrheumatic pulmonary valve insufficiency	Diagnosis	ICD-10-CM
I37.2	Nonrheumatic pulmonary valve stenosis with insufficiency	Diagnosis	ICD-10-CM
I37.8	Other nonrheumatic pulmonary valve disorders	Diagnosis	ICD-10-CM
I37.9	Nonrheumatic pulmonary valve disorder, unspecified	Diagnosis	ICD-10-CM
I42.0	Dilated cardiomyopathy	Diagnosis	ICD-10-CM
I42.1	Obstructive hypertrophic cardiomyopathy	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I42.2	Other hypertrophic cardiomyopathy	Diagnosis	ICD-10-CM
I42.3	Endomyocardial (eosinophilic) disease	Diagnosis	ICD-10-CM
I42.4	Endocardial fibroelastosis	Diagnosis	ICD-10-CM
I42.5	Other restrictive cardiomyopathy	Diagnosis	ICD-10-CM
I42.6	Alcoholic cardiomyopathy	Diagnosis	ICD-10-CM
I42.7	Cardiomyopathy due to drug and external agent	Diagnosis	ICD-10-CM
I42.8	Other cardiomyopathies	Diagnosis	ICD-10-CM
I42.9	Cardiomyopathy, unspecified	Diagnosis	ICD-10-CM
I43	Cardiomyopathy in diseases classified elsewhere	Diagnosis	ICD-10-CM
I44.2	Atrioventricular block, complete	Diagnosis	ICD-10-CM
I45.6	Pre-excitation syndrome	Diagnosis	ICD-10-CM
I45.81	Long QT syndrome	Diagnosis	ICD-10-CM
I45.89	Other specified conduction disorders	Diagnosis	ICD-10-CM
I45.9	Conduction disorder, unspecified	Diagnosis	ICD-10-CM
I46	Cardiac arrest	Diagnosis	ICD-10-CM
I47	Paroxysmal tachycardia	Diagnosis	ICD-10-CM
I47.1	Supraventricular tachycardia	Diagnosis	ICD-10-CM
I47.9	Paroxysmal tachycardia, unspecified	Diagnosis	ICD-10-CM
I49.02	Ventricular flutter	Diagnosis	ICD-10-CM
I49.5	Sick sinus syndrome	Diagnosis	ICD-10-CM
I49.8	Other specified cardiac arrhythmias	Diagnosis	ICD-10-CM
I49.9	Cardiac arrhythmia, unspecified	Diagnosis	ICD-10-CM
I51	Complications and ill-defined descriptions of heart disease	Diagnosis	ICD-10-CM
I51.0	Cardiac septal defect, acquired	Diagnosis	ICD-10-CM
I51.1	Rupture of chordae tendineae, not elsewhere classified	Diagnosis	ICD-10-CM
I51.2	Rupture of papillary muscle, not elsewhere classified	Diagnosis	ICD-10-CM
I51.3	Intracardiac thrombosis, not elsewhere classified	Diagnosis	ICD-10-CM
I51.4	Myocarditis, unspecified	Diagnosis	ICD-10-CM
I51.5	Myocardial degeneration	Diagnosis	ICD-10-CM
I51.7	Cardiomegaly	Diagnosis	ICD-10-CM
I51.8	Other ill-defined heart diseases	Diagnosis	ICD-10-CM
I51.81	Takotsubo syndrome	Diagnosis	ICD-10-CM
I51.89	Other ill-defined heart diseases	Diagnosis	ICD-10-CM
I51.9	Heart disease, unspecified	Diagnosis	ICD-10-CM
I52	Other heart disorders in diseases classified elsewhere	Diagnosis	ICD-10-CM
I70.2	Atherosclerosis of native arteries of the extremities	Diagnosis	ICD-10-CM
I70.20	Unspecified atherosclerosis of native arteries of extremities	Diagnosis	ICD-10-CM
I70.201	Unspecified atherosclerosis of native arteries of extremities, right leg	Diagnosis	ICD-10-CM
I70.202	Unspecified atherosclerosis of native arteries of extremities, left leg	Diagnosis	ICD-10-CM
I70.203	Unspecified atherosclerosis of native arteries of extremities, bilateral legs	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I70.208	Unspecified atherosclerosis of native arteries of extremities, other extremity	Diagnosis	ICD-10-CM
I70.209	Unspecified atherosclerosis of native arteries of extremities, unspecified extremity	Diagnosis	ICD-10-CM
I70.21	Atherosclerosis of native arteries of extremities with intermittent claudication	Diagnosis	ICD-10-CM
I70.211	Atherosclerosis of native arteries of extremities with intermittent claudication, right leg	Diagnosis	ICD-10-CM
I70.212	Atherosclerosis of native arteries of extremities with intermittent claudication, left leg	Diagnosis	ICD-10-CM
I70.213	Atherosclerosis of native arteries of extremities with intermittent claudication, bilateral legs	Diagnosis	ICD-10-CM
I70.218	Atherosclerosis of native arteries of extremities with intermittent claudication, other extremity	Diagnosis	ICD-10-CM
I70.219	Atherosclerosis of native arteries of extremities with intermittent claudication, unspecified extremity	Diagnosis	ICD-10-CM
I70.22	Atherosclerosis of native arteries of extremities with rest pain	Diagnosis	ICD-10-CM
I70.221	Atherosclerosis of native arteries of extremities with rest pain, right leg	Diagnosis	ICD-10-CM
I70.222	Atherosclerosis of native arteries of extremities with rest pain, left leg	Diagnosis	ICD-10-CM
I70.223	Atherosclerosis of native arteries of extremities with rest pain, bilateral legs	Diagnosis	ICD-10-CM
I70.228	Atherosclerosis of native arteries of extremities with rest pain, other extremity	Diagnosis	ICD-10-CM
I70.229	Atherosclerosis of native arteries of extremities with rest pain, unspecified extremity	Diagnosis	ICD-10-CM
I70.23	Atherosclerosis of native arteries of right leg with ulceration	Diagnosis	ICD-10-CM
I70.231	Atherosclerosis of native arteries of right leg with ulceration of thigh	Diagnosis	ICD-10-CM
I70.232	Atherosclerosis of native arteries of right leg with ulceration of calf	Diagnosis	ICD-10-CM
I70.233	Atherosclerosis of native arteries of right leg with ulceration of ankle	Diagnosis	ICD-10-CM
I70.234	Atherosclerosis of native arteries of right leg with ulceration of heel and midfoot	Diagnosis	ICD-10-CM
I70.235	Atherosclerosis of native arteries of right leg with ulceration of other part of foot	Diagnosis	ICD-10-CM
I70.238	Atherosclerosis of native arteries of right leg with ulceration of other part of lower leg	Diagnosis	ICD-10-CM
I70.239	Atherosclerosis of native arteries of right leg with ulceration of unspecified site	Diagnosis	ICD-10-CM
I70.24	Atherosclerosis of native arteries of left leg with ulceration	Diagnosis	ICD-10-CM
I70.241	Atherosclerosis of native arteries of left leg with ulceration of thigh	Diagnosis	ICD-10-CM
I70.242	Atherosclerosis of native arteries of left leg with ulceration of calf	Diagnosis	ICD-10-CM
I70.243	Atherosclerosis of native arteries of left leg with ulceration of ankle	Diagnosis	ICD-10-CM
I70.244	Atherosclerosis of native arteries of left leg with ulceration of heel and midfoot	Diagnosis	ICD-10-CM
I70.245	Atherosclerosis of native arteries of left leg with ulceration of other part of foot	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I70.248	Atherosclerosis of native arteries of left leg with ulceration of other part of lower leg	Diagnosis	ICD-10-CM
I70.249	Atherosclerosis of native arteries of left leg with ulceration of unspecified site	Diagnosis	ICD-10-CM
I70.25	Atherosclerosis of native arteries of other extremities with ulceration	Diagnosis	ICD-10-CM
I70.26	Atherosclerosis of native arteries of extremities with gangrene	Diagnosis	ICD-10-CM
I70.261	Atherosclerosis of native arteries of extremities with gangrene, right leg	Diagnosis	ICD-10-CM
I70.262	Atherosclerosis of native arteries of extremities with gangrene, left leg	Diagnosis	ICD-10-CM
I70.263	Atherosclerosis of native arteries of extremities with gangrene, bilateral legs	Diagnosis	ICD-10-CM
I70.268	Atherosclerosis of native arteries of extremities with gangrene, other extremity	Diagnosis	ICD-10-CM
I70.269	Atherosclerosis of native arteries of extremities with gangrene, unspecified extremity	Diagnosis	ICD-10-CM
I70.29	Other atherosclerosis of native arteries of extremities	Diagnosis	ICD-10-CM
I70.291	Other atherosclerosis of native arteries of extremities, right leg	Diagnosis	ICD-10-CM
I70.292	Other atherosclerosis of native arteries of extremities, left leg	Diagnosis	ICD-10-CM
I70.293	Other atherosclerosis of native arteries of extremities, bilateral legs	Diagnosis	ICD-10-CM
I70.298	Other atherosclerosis of native arteries of extremities, other extremity	Diagnosis	ICD-10-CM
I70.299	Other atherosclerosis of native arteries of extremities, unspecified extremity	Diagnosis	ICD-10-CM
I70.3	Atherosclerosis of unspecified type of bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
I70.30	Unspecified atherosclerosis of unspecified type of bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
I70.301	Unspecified atherosclerosis of unspecified type of bypass graft(s) of the extremities, right leg	Diagnosis	ICD-10-CM
I70.302	Unspecified atherosclerosis of unspecified type of bypass graft(s) of the extremities, left leg	Diagnosis	ICD-10-CM
I70.303	Unspecified atherosclerosis of unspecified type of bypass graft(s) of the extremities, bilateral legs	Diagnosis	ICD-10-CM
I70.308	Unspecified atherosclerosis of unspecified type of bypass graft(s) of the extremities, other extremity	Diagnosis	ICD-10-CM
I70.309	Unspecified atherosclerosis of unspecified type of bypass graft(s) of the extremities, unspecified extremity	Diagnosis	ICD-10-CM
I70.31	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with intermittent claudication	Diagnosis	ICD-10-CM
I70.311	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with intermittent claudication, right leg	Diagnosis	ICD-10-CM
I70.312	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with intermittent claudication, left leg	Diagnosis	ICD-10-CM
I70.313	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with intermittent claudication, bilateral legs	Diagnosis	ICD-10-CM
I70.318	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with intermittent claudication, other extremity	Diagnosis	ICD-10-CM
I70.319	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with intermittent claudication, unspecified extremity	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I70.32	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with rest pain	Diagnosis	ICD-10-CM
I70.321	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with rest pain, right leg	Diagnosis	ICD-10-CM
I70.322	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with rest pain, left leg	Diagnosis	ICD-10-CM
I70.323	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with rest pain, bilateral legs	Diagnosis	ICD-10-CM
I70.328	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with rest pain, other extremity	Diagnosis	ICD-10-CM
I70.329	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with rest pain, unspecified extremity	Diagnosis	ICD-10-CM
I70.33	Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration	Diagnosis	ICD-10-CM
I70.331	Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of thigh	Diagnosis	ICD-10-CM
I70.332	Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of calf	Diagnosis	ICD-10-CM
I70.333	Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of ankle	Diagnosis	ICD-10-CM
I70.334	Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of heel and midfoot	Diagnosis	ICD-10-CM
I70.335	Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of other part of foot	Diagnosis	ICD-10-CM
I70.338	Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of other part of lower leg	Diagnosis	ICD-10-CM
I70.339	Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of unspecified site	Diagnosis	ICD-10-CM
I70.34	Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration	Diagnosis	ICD-10-CM
I70.341	Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration of thigh	Diagnosis	ICD-10-CM
I70.342	Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration of calf	Diagnosis	ICD-10-CM
I70.343	Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration of ankle	Diagnosis	ICD-10-CM
I70.344	Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration of heel and midfoot	Diagnosis	ICD-10-CM
I70.345	Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration of other part of foot	Diagnosis	ICD-10-CM
I70.348	Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration of other part of lower leg	Diagnosis	ICD-10-CM
I70.349	Atherosclerosis of unspecified type of bypass graft(s) of the left leg with ulceration of unspecified site	Diagnosis	ICD-10-CM
I70.35	Atherosclerosis of unspecified type of bypass graft(s) of other extremity with ulceration	Diagnosis	ICD-10-CM
I70.36	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with gangrene	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I70.361	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with gangrene, right leg	Diagnosis	ICD-10-CM
I70.362	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with gangrene, left leg	Diagnosis	ICD-10-CM
I70.363	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with gangrene, bilateral legs	Diagnosis	ICD-10-CM
I70.368	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with gangrene, other extremity	Diagnosis	ICD-10-CM
I70.369	Atherosclerosis of unspecified type of bypass graft(s) of the extremities with gangrene, unspecified extremity	Diagnosis	ICD-10-CM
I70.39	Other atherosclerosis of unspecified type of bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
I70.391	Other atherosclerosis of unspecified type of bypass graft(s) of the extremities, right leg	Diagnosis	ICD-10-CM
I70.392	Other atherosclerosis of unspecified type of bypass graft(s) of the extremities, left leg	Diagnosis	ICD-10-CM
I70.393	Other atherosclerosis of unspecified type of bypass graft(s) of the extremities, bilateral legs	Diagnosis	ICD-10-CM
I70.398	Other atherosclerosis of unspecified type of bypass graft(s) of the extremities, other extremity	Diagnosis	ICD-10-CM
I70.399	Other atherosclerosis of unspecified type of bypass graft(s) of the extremities, unspecified extremity	Diagnosis	ICD-10-CM
I70.4	Atherosclerosis of autologous vein bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
I70.40	Unspecified atherosclerosis of autologous vein bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
I70.401	Unspecified atherosclerosis of autologous vein bypass graft(s) of the extremities, right leg	Diagnosis	ICD-10-CM
I70.402	Unspecified atherosclerosis of autologous vein bypass graft(s) of the extremities, left leg	Diagnosis	ICD-10-CM
I70.403	Unspecified atherosclerosis of autologous vein bypass graft(s) of the extremities, bilateral legs	Diagnosis	ICD-10-CM
I70.408	Unspecified atherosclerosis of autologous vein bypass graft(s) of the extremities, other extremity	Diagnosis	ICD-10-CM
I70.409	Unspecified atherosclerosis of autologous vein bypass graft(s) of the extremities, unspecified extremity	Diagnosis	ICD-10-CM
I70.41	Atherosclerosis of autologous vein bypass graft(s) of the extremities with intermittent claudication	Diagnosis	ICD-10-CM
I70.411	Atherosclerosis of autologous vein bypass graft(s) of the extremities with intermittent claudication, right leg	Diagnosis	ICD-10-CM
I70.412	Atherosclerosis of autologous vein bypass graft(s) of the extremities with intermittent claudication, left leg	Diagnosis	ICD-10-CM
I70.413	Atherosclerosis of autologous vein bypass graft(s) of the extremities with intermittent claudication, bilateral legs	Diagnosis	ICD-10-CM
I70.418	Atherosclerosis of autologous vein bypass graft(s) of the extremities with intermittent claudication, other extremity	Diagnosis	ICD-10-CM
I70.419	Atherosclerosis of autologous vein bypass graft(s) of the extremities with intermittent claudication, unspecified extremity	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I70.42	Atherosclerosis of autologous vein bypass graft(s) of the extremities with rest pain	Diagnosis	ICD-10-CM
I70.421	Atherosclerosis of autologous vein bypass graft(s) of the extremities with rest pain, right leg	Diagnosis	ICD-10-CM
I70.422	Atherosclerosis of autologous vein bypass graft(s) of the extremities with rest pain, left leg	Diagnosis	ICD-10-CM
I70.423	Atherosclerosis of autologous vein bypass graft(s) of the extremities with rest pain, bilateral legs	Diagnosis	ICD-10-CM
I70.428	Atherosclerosis of autologous vein bypass graft(s) of the extremities with rest pain, other extremity	Diagnosis	ICD-10-CM
I70.429	Atherosclerosis of autologous vein bypass graft(s) of the extremities with rest pain, unspecified extremity	Diagnosis	ICD-10-CM
I70.43	Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration	Diagnosis	ICD-10-CM
I70.431	Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of thigh	Diagnosis	ICD-10-CM
I70.432	Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of calf	Diagnosis	ICD-10-CM
I70.433	Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of ankle	Diagnosis	ICD-10-CM
I70.434	Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of heel and midfoot	Diagnosis	ICD-10-CM
I70.435	Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of other part of foot	Diagnosis	ICD-10-CM
I70.438	Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of other part of lower leg	Diagnosis	ICD-10-CM
I70.439	Atherosclerosis of autologous vein bypass graft(s) of the right leg with ulceration of unspecified site	Diagnosis	ICD-10-CM
I70.44	Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration	Diagnosis	ICD-10-CM
I70.441	Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration of thigh	Diagnosis	ICD-10-CM
I70.442	Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration of calf	Diagnosis	ICD-10-CM
I70.443	Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration of ankle	Diagnosis	ICD-10-CM
I70.444	Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration of heel and midfoot	Diagnosis	ICD-10-CM
I70.445	Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration of other part of foot	Diagnosis	ICD-10-CM
I70.448	Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration of other part of lower leg	Diagnosis	ICD-10-CM
I70.449	Atherosclerosis of autologous vein bypass graft(s) of the left leg with ulceration of unspecified site	Diagnosis	ICD-10-CM
I70.45	Atherosclerosis of autologous vein bypass graft(s) of other extremity with ulceration	Diagnosis	ICD-10-CM
I70.46	Atherosclerosis of autologous vein bypass graft(s) of the extremities with gangrene	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I70.461	Atherosclerosis of autologous vein bypass graft(s) of the extremities with gangrene, right leg	Diagnosis	ICD-10-CM
I70.462	Atherosclerosis of autologous vein bypass graft(s) of the extremities with gangrene, left leg	Diagnosis	ICD-10-CM
I70.463	Atherosclerosis of autologous vein bypass graft(s) of the extremities with gangrene, bilateral legs	Diagnosis	ICD-10-CM
I70.468	Atherosclerosis of autologous vein bypass graft(s) of the extremities with gangrene, other extremity	Diagnosis	ICD-10-CM
I70.469	Atherosclerosis of autologous vein bypass graft(s) of the extremities with gangrene, unspecified extremity	Diagnosis	ICD-10-CM
I70.49	Other atherosclerosis of autologous vein bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
I70.491	Other atherosclerosis of autologous vein bypass graft(s) of the extremities, right leg	Diagnosis	ICD-10-CM
I70.492	Other atherosclerosis of autologous vein bypass graft(s) of the extremities, left leg	Diagnosis	ICD-10-CM
I70.493	Other atherosclerosis of autologous vein bypass graft(s) of the extremities, bilateral legs	Diagnosis	ICD-10-CM
I70.498	Other atherosclerosis of autologous vein bypass graft(s) of the extremities, other extremity	Diagnosis	ICD-10-CM
I70.499	Other atherosclerosis of autologous vein bypass graft(s) of the extremities, unspecified extremity	Diagnosis	ICD-10-CM
I70.5	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
I70.50	Unspecified atherosclerosis of nonautologous biological bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
I70.501	Unspecified atherosclerosis of nonautologous biological bypass graft(s) of the extremities, right leg	Diagnosis	ICD-10-CM
I70.502	Unspecified atherosclerosis of nonautologous biological bypass graft(s) of the extremities, left leg	Diagnosis	ICD-10-CM
I70.503	Unspecified atherosclerosis of nonautologous biological bypass graft(s) of the extremities, bilateral legs	Diagnosis	ICD-10-CM
I70.508	Unspecified atherosclerosis of nonautologous biological bypass graft(s) of the extremities, other extremity	Diagnosis	ICD-10-CM
I70.509	Unspecified atherosclerosis of nonautologous biological bypass graft(s) of the extremities, unspecified extremity	Diagnosis	ICD-10-CM
I70.51	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities intermittent claudication	Diagnosis	ICD-10-CM
I70.511	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with intermittent claudication, right leg	Diagnosis	ICD-10-CM
I70.512	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with intermittent claudication, left leg	Diagnosis	ICD-10-CM
I70.513	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with intermittent claudication, bilateral legs	Diagnosis	ICD-10-CM
I70.518	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with intermittent claudication, other extremity	Diagnosis	ICD-10-CM
I70.519	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with intermittent claudication, unspecified extremity	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I70.52	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with rest pain	Diagnosis	ICD-10-CM
I70.521	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with rest pain, right leg	Diagnosis	ICD-10-CM
I70.522	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with rest pain, left leg	Diagnosis	ICD-10-CM
I70.523	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with rest pain, bilateral legs	Diagnosis	ICD-10-CM
I70.528	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with rest pain, other extremity	Diagnosis	ICD-10-CM
I70.529	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with rest pain, unspecified extremity	Diagnosis	ICD-10-CM
I70.53	Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with ulceration	Diagnosis	ICD-10-CM
I70.531	Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with ulceration of thigh	Diagnosis	ICD-10-CM
I70.532	Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with ulceration of calf	Diagnosis	ICD-10-CM
I70.533	Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with ulceration of ankle	Diagnosis	ICD-10-CM
I70.534	Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with ulceration of heel and midfoot	Diagnosis	ICD-10-CM
I70.535	Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with ulceration of other part of foot	Diagnosis	ICD-10-CM
I70.538	Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with ulceration of other part of lower leg	Diagnosis	ICD-10-CM
I70.539	Atherosclerosis of nonautologous biological bypass graft(s) of the right leg with ulceration of unspecified site	Diagnosis	ICD-10-CM
I70.54	Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with ulceration	Diagnosis	ICD-10-CM
I70.541	Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with ulceration of thigh	Diagnosis	ICD-10-CM
I70.542	Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with ulceration of calf	Diagnosis	ICD-10-CM
I70.543	Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with ulceration of ankle	Diagnosis	ICD-10-CM
I70.544	Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with ulceration of heel and midfoot	Diagnosis	ICD-10-CM
I70.545	Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with ulceration of other part of foot	Diagnosis	ICD-10-CM
I70.548	Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with ulceration of other part of lower leg	Diagnosis	ICD-10-CM
I70.549	Atherosclerosis of nonautologous biological bypass graft(s) of the left leg with ulceration of unspecified site	Diagnosis	ICD-10-CM
I70.55	Atherosclerosis of nonautologous biological bypass graft(s) of other extremity with ulceration	Diagnosis	ICD-10-CM
I70.56	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with gangrene	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I70.561	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with gangrene, right leg	Diagnosis	ICD-10-CM
I70.562	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with gangrene, left leg	Diagnosis	ICD-10-CM
I70.563	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with gangrene, bilateral legs	Diagnosis	ICD-10-CM
I70.568	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with gangrene, other extremity	Diagnosis	ICD-10-CM
I70.569	Atherosclerosis of nonautologous biological bypass graft(s) of the extremities with gangrene, unspecified extremity	Diagnosis	ICD-10-CM
I70.59	Other atherosclerosis of nonautologous biological bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
I70.591	Other atherosclerosis of nonautologous biological bypass graft(s) of the extremities, right leg	Diagnosis	ICD-10-CM
I70.592	Other atherosclerosis of nonautologous biological bypass graft(s) of the extremities, left leg	Diagnosis	ICD-10-CM
I70.593	Other atherosclerosis of nonautologous biological bypass graft(s) of the extremities, bilateral legs	Diagnosis	ICD-10-CM
I70.598	Other atherosclerosis of nonautologous biological bypass graft(s) of the extremities, other extremity	Diagnosis	ICD-10-CM
I70.599	Other atherosclerosis of nonautologous biological bypass graft(s) of the extremities, unspecified extremity	Diagnosis	ICD-10-CM
I70.6	Atherosclerosis of nonbiological bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
I70.60	Unspecified atherosclerosis of nonbiological bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
I70.601	Unspecified atherosclerosis of nonbiological bypass graft(s) of the extremities, right leg	Diagnosis	ICD-10-CM
I70.602	Unspecified atherosclerosis of nonbiological bypass graft(s) of the extremities, left leg	Diagnosis	ICD-10-CM
I70.603	Unspecified atherosclerosis of nonbiological bypass graft(s) of the extremities, bilateral legs	Diagnosis	ICD-10-CM
I70.608	Unspecified atherosclerosis of nonbiological bypass graft(s) of the extremities, other extremity	Diagnosis	ICD-10-CM
I70.609	Unspecified atherosclerosis of nonbiological bypass graft(s) of the extremities, unspecified extremity	Diagnosis	ICD-10-CM
I70.61	Atherosclerosis of nonbiological bypass graft(s) of the extremities with intermittent claudication	Diagnosis	ICD-10-CM
I70.611	Atherosclerosis of nonbiological bypass graft(s) of the extremities with intermittent claudication, right leg	Diagnosis	ICD-10-CM
I70.612	Atherosclerosis of nonbiological bypass graft(s) of the extremities with intermittent claudication, left leg	Diagnosis	ICD-10-CM
I70.613	Atherosclerosis of nonbiological bypass graft(s) of the extremities with intermittent claudication, bilateral legs	Diagnosis	ICD-10-CM
I70.618	Atherosclerosis of nonbiological bypass graft(s) of the extremities with intermittent claudication, other extremity	Diagnosis	ICD-10-CM
I70.619	Atherosclerosis of nonbiological bypass graft(s) of the extremities with intermittent claudication, unspecified extremity	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I70.62	Atherosclerosis of nonbiological bypass graft(s) of the extremities with rest pain	Diagnosis	ICD-10-CM
I70.621	Atherosclerosis of nonbiological bypass graft(s) of the extremities with rest pain, right leg	Diagnosis	ICD-10-CM
I70.622	Atherosclerosis of nonbiological bypass graft(s) of the extremities with rest pain, left leg	Diagnosis	ICD-10-CM
I70.623	Atherosclerosis of nonbiological bypass graft(s) of the extremities with rest pain, bilateral legs	Diagnosis	ICD-10-CM
I70.628	Atherosclerosis of nonbiological bypass graft(s) of the extremities with rest pain, other extremity	Diagnosis	ICD-10-CM
I70.629	Atherosclerosis of nonbiological bypass graft(s) of the extremities with rest pain, unspecified extremity	Diagnosis	ICD-10-CM
I70.63	Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration	Diagnosis	ICD-10-CM
I70.631	Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration of thigh	Diagnosis	ICD-10-CM
I70.632	Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration of calf	Diagnosis	ICD-10-CM
I70.633	Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration of ankle	Diagnosis	ICD-10-CM
I70.634	Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration of heel and midfoot	Diagnosis	ICD-10-CM
I70.635	Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration of other part of foot	Diagnosis	ICD-10-CM
I70.638	Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration of other part of lower leg	Diagnosis	ICD-10-CM
I70.639	Atherosclerosis of nonbiological bypass graft(s) of the right leg with ulceration of unspecified site	Diagnosis	ICD-10-CM
I70.64	Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration	Diagnosis	ICD-10-CM
I70.641	Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of thigh	Diagnosis	ICD-10-CM
I70.642	Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of calf	Diagnosis	ICD-10-CM
I70.643	Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of ankle	Diagnosis	ICD-10-CM
I70.644	Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of heel and midfoot	Diagnosis	ICD-10-CM
I70.645	Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of other part of foot	Diagnosis	ICD-10-CM
I70.648	Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of other part of lower leg	Diagnosis	ICD-10-CM
I70.649	Atherosclerosis of nonbiological bypass graft(s) of the left leg with ulceration of unspecified site	Diagnosis	ICD-10-CM
I70.65	Atherosclerosis of nonbiological bypass graft(s) of other extremity with ulceration	Diagnosis	ICD-10-CM
I70.66	Atherosclerosis of nonbiological bypass graft(s) of the extremities with gangrene	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I70.661	Atherosclerosis of nonbiological bypass graft(s) of the extremities with gangrene, right leg	Diagnosis	ICD-10-CM
I70.662	Atherosclerosis of nonbiological bypass graft(s) of the extremities with gangrene, left leg	Diagnosis	ICD-10-CM
I70.663	Atherosclerosis of nonbiological bypass graft(s) of the extremities with gangrene, bilateral legs	Diagnosis	ICD-10-CM
I70.668	Atherosclerosis of nonbiological bypass graft(s) of the extremities with gangrene, other extremity	Diagnosis	ICD-10-CM
I70.669	Atherosclerosis of nonbiological bypass graft(s) of the extremities with gangrene, unspecified extremity	Diagnosis	ICD-10-CM
I70.69	Other atherosclerosis of nonbiological bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
I70.691	Other atherosclerosis of nonbiological bypass graft(s) of the extremities, right leg	Diagnosis	ICD-10-CM
I70.692	Other atherosclerosis of nonbiological bypass graft(s) of the extremities, left leg	Diagnosis	ICD-10-CM
I70.693	Other atherosclerosis of nonbiological bypass graft(s) of the extremities, bilateral legs	Diagnosis	ICD-10-CM
I70.698	Other atherosclerosis of nonbiological bypass graft(s) of the extremities, other extremity	Diagnosis	ICD-10-CM
I70.699	Other atherosclerosis of nonbiological bypass graft(s) of the extremities, unspecified extremity	Diagnosis	ICD-10-CM
I70.7	Atherosclerosis of other type of bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
I70.70	Unspecified atherosclerosis of other type of bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
I70.701	Unspecified atherosclerosis of other type of bypass graft(s) of the extremities, right leg	Diagnosis	ICD-10-CM
I70.702	Unspecified atherosclerosis of other type of bypass graft(s) of the extremities, left leg	Diagnosis	ICD-10-CM
I70.703	Unspecified atherosclerosis of other type of bypass graft(s) of the extremities, bilateral legs	Diagnosis	ICD-10-CM
I70.708	Unspecified atherosclerosis of other type of bypass graft(s) of the extremities, other extremity	Diagnosis	ICD-10-CM
I70.709	Unspecified atherosclerosis of other type of bypass graft(s) of the extremities, unspecified extremity	Diagnosis	ICD-10-CM
I70.71	Atherosclerosis of other type of bypass graft(s) of the extremities with intermittent claudication	Diagnosis	ICD-10-CM
I70.711	Atherosclerosis of other type of bypass graft(s) of the extremities with intermittent claudication, right leg	Diagnosis	ICD-10-CM
I70.712	Atherosclerosis of other type of bypass graft(s) of the extremities with intermittent claudication, left leg	Diagnosis	ICD-10-CM
I70.713	Atherosclerosis of other type of bypass graft(s) of the extremities with intermittent claudication, bilateral legs	Diagnosis	ICD-10-CM
I70.718	Atherosclerosis of other type of bypass graft(s) of the extremities with intermittent claudication, other extremity	Diagnosis	ICD-10-CM
I70.719	Atherosclerosis of other type of bypass graft(s) of the extremities with intermittent claudication, unspecified extremity	Diagnosis	ICD-10-CM
I70.72	Atherosclerosis of other type of bypass graft(s) of the extremities with rest pain	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I70.721	Atherosclerosis of other type of bypass graft(s) of the extremities with rest pain, right leg	Diagnosis	ICD-10-CM
I70.722	Atherosclerosis of other type of bypass graft(s) of the extremities with rest pain, left leg	Diagnosis	ICD-10-CM
I70.723	Atherosclerosis of other type of bypass graft(s) of the extremities with rest pain, bilateral legs	Diagnosis	ICD-10-CM
I70.728	Atherosclerosis of other type of bypass graft(s) of the extremities with rest pain, other extremity	Diagnosis	ICD-10-CM
I70.729	Atherosclerosis of other type of bypass graft(s) of the extremities with rest pain, unspecified extremity	Diagnosis	ICD-10-CM
I70.73	Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration	Diagnosis	ICD-10-CM
I70.731	Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration of thigh	Diagnosis	ICD-10-CM
I70.732	Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration of calf	Diagnosis	ICD-10-CM
I70.733	Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration of ankle	Diagnosis	ICD-10-CM
I70.734	Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration of heel and midfoot	Diagnosis	ICD-10-CM
I70.735	Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration of other part of foot	Diagnosis	ICD-10-CM
I70.738	Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration of other part of lower leg	Diagnosis	ICD-10-CM
I70.739	Atherosclerosis of other type of bypass graft(s) of the right leg with ulceration of unspecified site	Diagnosis	ICD-10-CM
I70.74	Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration	Diagnosis	ICD-10-CM
I70.741	Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration of thigh	Diagnosis	ICD-10-CM
I70.742	Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration of calf	Diagnosis	ICD-10-CM
I70.743	Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration of ankle	Diagnosis	ICD-10-CM
I70.744	Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration of heel and midfoot	Diagnosis	ICD-10-CM
I70.745	Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration of other part of foot	Diagnosis	ICD-10-CM
I70.748	Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration of other part of lower leg	Diagnosis	ICD-10-CM
I70.749	Atherosclerosis of other type of bypass graft(s) of the left leg with ulceration of unspecified site	Diagnosis	ICD-10-CM
I70.75	Atherosclerosis of other type of bypass graft(s) of other extremity with ulceration	Diagnosis	ICD-10-CM
I70.76	Atherosclerosis of other type of bypass graft(s) of the extremities with gangrene	Diagnosis	ICD-10-CM
I70.761	Atherosclerosis of other type of bypass graft(s) of the extremities with gangrene, right leg	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I70.762	Atherosclerosis of other type of bypass graft(s) of the extremities with gangrene, left leg	Diagnosis	ICD-10-CM
I70.763	Atherosclerosis of other type of bypass graft(s) of the extremities with gangrene, bilateral legs	Diagnosis	ICD-10-CM
I70.768	Atherosclerosis of other type of bypass graft(s) of the extremities with gangrene, other extremity	Diagnosis	ICD-10-CM
I70.769	Atherosclerosis of other type of bypass graft(s) of the extremities with gangrene, unspecified extremity	Diagnosis	ICD-10-CM
I70.79	Other atherosclerosis of other type of bypass graft(s) of the extremities	Diagnosis	ICD-10-CM
I70.791	Other atherosclerosis of other type of bypass graft(s) of the extremities, right leg	Diagnosis	ICD-10-CM
I70.792	Other atherosclerosis of other type of bypass graft(s) of the extremities, left leg	Diagnosis	ICD-10-CM
I70.793	Other atherosclerosis of other type of bypass graft(s) of the extremities, bilateral legs	Diagnosis	ICD-10-CM
I70.798	Other atherosclerosis of other type of bypass graft(s) of the extremities, other extremity	Diagnosis	ICD-10-CM
I70.799	Other atherosclerosis of other type of bypass graft(s) of the extremities, unspecified extremity	Diagnosis	ICD-10-CM
I70.92	Chronic total occlusion of artery of the extremities	Diagnosis	ICD-10-CM
I71	Aortic aneurysm and dissection	Diagnosis	ICD-10-CM
I71.0	Dissection of aorta	Diagnosis	ICD-10-CM
I71.00	Dissection of unspecified site of aorta	Diagnosis	ICD-10-CM
I71.01	Dissection of thoracic aorta	Diagnosis	ICD-10-CM
I71.02	Dissection of abdominal aorta	Diagnosis	ICD-10-CM
I71.03	Dissection of thoracoabdominal aorta	Diagnosis	ICD-10-CM
I71.1	Thoracic aortic aneurysm, ruptured	Diagnosis	ICD-10-CM
I71.2	Thoracic aortic aneurysm, without rupture	Diagnosis	ICD-10-CM
I71.3	Abdominal aortic aneurysm, ruptured	Diagnosis	ICD-10-CM
I71.4	Abdominal aortic aneurysm, without rupture	Diagnosis	ICD-10-CM
I71.5	Thoracoabdominal aortic aneurysm, ruptured	Diagnosis	ICD-10-CM
I71.6	Thoracoabdominal aortic aneurysm, without rupture	Diagnosis	ICD-10-CM
I71.8	Aortic aneurysm of unspecified site, ruptured	Diagnosis	ICD-10-CM
I71.9	Aortic aneurysm of unspecified site, without rupture	Diagnosis	ICD-10-CM
I72	Other aneurysm	Diagnosis	ICD-10-CM
I72.0	Aneurysm of carotid artery	Diagnosis	ICD-10-CM
I72.1	Aneurysm of artery of upper extremity	Diagnosis	ICD-10-CM
I72.2	Aneurysm of renal artery	Diagnosis	ICD-10-CM
I72.3	Aneurysm of iliac artery	Diagnosis	ICD-10-CM
I72.4	Aneurysm of artery of lower extremity	Diagnosis	ICD-10-CM
I72.5	Aneurysm of other precerebral arteries	Diagnosis	ICD-10-CM
I72.6	Aneurysm of vertebral artery	Diagnosis	ICD-10-CM
I72.8	Aneurysm of other specified arteries	Diagnosis	ICD-10-CM
I72.9	Aneurysm of unspecified site	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I73	Other peripheral vascular diseases	Diagnosis	ICD-10-CM
I73.1	Thromboangiitis obliterans [Buerger's disease]	Diagnosis	ICD-10-CM
I73.89	Other specified peripheral vascular diseases	Diagnosis	ICD-10-CM
I73.9	Peripheral vascular disease, unspecified	Diagnosis	ICD-10-CM
I74	Arterial embolism and thrombosis	Diagnosis	ICD-10-CM
I74.0	Embolism and thrombosis of abdominal aorta	Diagnosis	ICD-10-CM
I74.01	Saddle embolus of abdominal aorta	Diagnosis	ICD-10-CM
I74.09	Other arterial embolism and thrombosis of abdominal aorta	Diagnosis	ICD-10-CM
I74.1	Embolism and thrombosis of other and unspecified parts of aorta	Diagnosis	ICD-10-CM
I74.10	Embolism and thrombosis of unspecified parts of aorta	Diagnosis	ICD-10-CM
I74.11	Embolism and thrombosis of thoracic aorta	Diagnosis	ICD-10-CM
I74.19	Embolism and thrombosis of other parts of aorta	Diagnosis	ICD-10-CM
I74.2	Embolism and thrombosis of arteries of the upper extremities	Diagnosis	ICD-10-CM
I74.3	Embolism and thrombosis of arteries of the lower extremities	Diagnosis	ICD-10-CM
I74.4	Embolism and thrombosis of arteries of extremities, unspecified	Diagnosis	ICD-10-CM
I74.5	Embolism and thrombosis of iliac artery	Diagnosis	ICD-10-CM
I74.8	Embolism and thrombosis of other arteries	Diagnosis	ICD-10-CM
I74.9	Embolism and thrombosis of unspecified artery	Diagnosis	ICD-10-CM
I75	Atheroembolism	Diagnosis	ICD-10-CM
I75.0	Atheroembolism of extremities	Diagnosis	ICD-10-CM
I75.01	Atheroembolism of upper extremity	Diagnosis	ICD-10-CM
I75.011	Atheroembolism of right upper extremity	Diagnosis	ICD-10-CM
I75.012	Atheroembolism of left upper extremity	Diagnosis	ICD-10-CM
I75.013	Atheroembolism of bilateral upper extremities	Diagnosis	ICD-10-CM
I75.019	Atheroembolism of unspecified upper extremity	Diagnosis	ICD-10-CM
I75.02	Atheroembolism of lower extremity	Diagnosis	ICD-10-CM
I75.021	Atheroembolism of right lower extremity	Diagnosis	ICD-10-CM
I75.022	Atheroembolism of left lower extremity	Diagnosis	ICD-10-CM
I75.023	Atheroembolism of bilateral lower extremities	Diagnosis	ICD-10-CM
I75.029	Atheroembolism of unspecified lower extremity	Diagnosis	ICD-10-CM
I75.8	Atheroembolism of other sites	Diagnosis	ICD-10-CM
I75.81	Atheroembolism of kidney	Diagnosis	ICD-10-CM
I75.89	Atheroembolism of other site	Diagnosis	ICD-10-CM
I76	Septic arterial embolism	Diagnosis	ICD-10-CM
I77	Other disorders of arteries and arterioles	Diagnosis	ICD-10-CM
I77.0	Arteriovenous fistula, acquired	Diagnosis	ICD-10-CM
I77.1	Stricture of artery	Diagnosis	ICD-10-CM
I77.2	Rupture of artery	Diagnosis	ICD-10-CM
I77.3	Arterial fibromuscular dysplasia	Diagnosis	ICD-10-CM
I77.4	Celiac artery compression syndrome	Diagnosis	ICD-10-CM
I77.5	Necrosis of artery	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I77.6	Arteritis, unspecified	Diagnosis	ICD-10-CM
I77.7	Other arterial dissection	Diagnosis	ICD-10-CM
I77.70	Dissection of unspecified artery	Diagnosis	ICD-10-CM
I77.71	Dissection of carotid artery	Diagnosis	ICD-10-CM
I77.72	Dissection of iliac artery	Diagnosis	ICD-10-CM
I77.73	Dissection of renal artery	Diagnosis	ICD-10-CM
I77.74	Dissection of vertebral artery	Diagnosis	ICD-10-CM
I77.75	Dissection of other precerebral arteries	Diagnosis	ICD-10-CM
I77.76	Dissection of artery of upper extremity	Diagnosis	ICD-10-CM
I77.77	Dissection of artery of lower extremity	Diagnosis	ICD-10-CM
I77.79	Dissection of other specified artery	Diagnosis	ICD-10-CM
I77.8	Other specified disorders of arteries and arterioles	Diagnosis	ICD-10-CM
I77.81	Aortic ectasia	Diagnosis	ICD-10-CM
I77.810	Thoracic aortic ectasia	Diagnosis	ICD-10-CM
I77.811	Abdominal aortic ectasia	Diagnosis	ICD-10-CM
I77.812	Thoracoabdominal aortic ectasia	Diagnosis	ICD-10-CM
I77.819	Aortic ectasia, unspecified site	Diagnosis	ICD-10-CM
I77.89	Other specified disorders of arteries and arterioles	Diagnosis	ICD-10-CM
I77.9	Disorder of arteries and arterioles, unspecified	Diagnosis	ICD-10-CM
I78	Diseases of capillaries	Diagnosis	ICD-10-CM
I78.0	Hereditary hemorrhagic telangiectasia	Diagnosis	ICD-10-CM
I82.21	Embolism and thrombosis of superior vena cava	Diagnosis	ICD-10-CM
I82.210	Acute embolism and thrombosis of superior vena cava	Diagnosis	ICD-10-CM
I82.211	Chronic embolism and thrombosis of superior vena cava	Diagnosis	ICD-10-CM
I82.22	Embolism and thrombosis of inferior vena cava	Diagnosis	ICD-10-CM
I82.220	Acute embolism and thrombosis of inferior vena cava	Diagnosis	ICD-10-CM
I82.221	Chronic embolism and thrombosis of inferior vena cava	Diagnosis	ICD-10-CM
I87.00	Postthrombotic syndrome without complications	Diagnosis	ICD-10-CM
I87.001	Postthrombotic syndrome without complications of right lower extremity	Diagnosis	ICD-10-CM
I87.002	Postthrombotic syndrome without complications of left lower extremity	Diagnosis	ICD-10-CM
I87.003	Postthrombotic syndrome without complications of bilateral lower extremity	Diagnosis	ICD-10-CM
I87.009	Postthrombotic syndrome without complications of unspecified extremity	Diagnosis	ICD-10-CM
I87.01	Postthrombotic syndrome with ulcer	Diagnosis	ICD-10-CM
I87.011	Postthrombotic syndrome with ulcer of right lower extremity	Diagnosis	ICD-10-CM
I87.012	Postthrombotic syndrome with ulcer of left lower extremity	Diagnosis	ICD-10-CM
I87.013	Postthrombotic syndrome with ulcer of bilateral lower extremity	Diagnosis	ICD-10-CM
I87.019	Postthrombotic syndrome with ulcer of unspecified lower extremity	Diagnosis	ICD-10-CM
I87.02	Postthrombotic syndrome with inflammation	Diagnosis	ICD-10-CM
I87.021	Postthrombotic syndrome with inflammation of right lower extremity	Diagnosis	ICD-10-CM
I87.022	Postthrombotic syndrome with inflammation of left lower extremity	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I87.023	Postthrombotic syndrome with inflammation of bilateral lower extremity	Diagnosis	ICD-10-CM
I87.029	Postthrombotic syndrome with inflammation of unspecified lower extremity	Diagnosis	ICD-10-CM
I87.03	Postthrombotic syndrome with ulcer and inflammation	Diagnosis	ICD-10-CM
I87.031	Postthrombotic syndrome with ulcer and inflammation of right lower extremity	Diagnosis	ICD-10-CM
I87.032	Postthrombotic syndrome with ulcer and inflammation of left lower extremity	Diagnosis	ICD-10-CM
I87.033	Postthrombotic syndrome with ulcer and inflammation of bilateral lower extremity	Diagnosis	ICD-10-CM
I87.039	Postthrombotic syndrome with ulcer and inflammation of unspecified lower extremity	Diagnosis	ICD-10-CM
I87.09	Postthrombotic syndrome with other complications	Diagnosis	ICD-10-CM
I87.091	Postthrombotic syndrome with other complications of right lower extremity	Diagnosis	ICD-10-CM
I87.092	Postthrombotic syndrome with other complications of left lower extremity	Diagnosis	ICD-10-CM
I87.093	Postthrombotic syndrome with other complications of bilateral lower extremity	Diagnosis	ICD-10-CM
I87.099	Postthrombotic syndrome with other complications of unspecified lower extremity	Diagnosis	ICD-10-CM
T86.22	Heart transplant failure	Diagnosis	ICD-10-CM
Z98.61	Coronary angioplasty status	Diagnosis	ICD-10-CM
Parkinsons Disease			
G20	Parkinson's disease	Diagnosis	ICD-10-CM
G21	Secondary parkinsonism	Diagnosis	ICD-10-CM
G21.1	Other drug-induced secondary parkinsonism	Diagnosis	ICD-10-CM
G21.11	Neuroleptic induced parkinsonism	Diagnosis	ICD-10-CM
G21.19	Other drug induced secondary parkinsonism	Diagnosis	ICD-10-CM
G21.2	Secondary parkinsonism due to other external agents	Diagnosis	ICD-10-CM
G21.3	Postencephalitic parkinsonism	Diagnosis	ICD-10-CM
G21.4	Vascular parkinsonism	Diagnosis	ICD-10-CM
G21.8	Other secondary parkinsonism	Diagnosis	ICD-10-CM
G21.9	Secondary parkinsonism, unspecified	Diagnosis	ICD-10-CM
Personality Disorders			
F60	Specific personality disorders	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
F60.6	Avoidant personality disorder	Diagnosis	ICD-10-CM
F60.7	Dependent personality disorder	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
F60.8	Other specific personality disorders	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
F63	Impulse disorders	Diagnosis	ICD-10-CM
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
F63.8	Other impulse disorders	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
F64	Gender identity disorders	Diagnosis	ICD-10-CM
F64.0	Transsexualism	Diagnosis	ICD-10-CM
F64.1	Dual role transvestism	Diagnosis	ICD-10-CM
F64.2	Gender identity disorder of childhood	Diagnosis	ICD-10-CM
F64.8	Other gender identity disorders	Diagnosis	ICD-10-CM
F64.9	Gender identity disorder, unspecified	Diagnosis	ICD-10-CM
F65	Paraphilias	Diagnosis	ICD-10-CM
F65.0	Fetishism	Diagnosis	ICD-10-CM
F65.1	Transvestic fetishism	Diagnosis	ICD-10-CM
F65.2	Exhibitionism	Diagnosis	ICD-10-CM
F65.3	Voyeurism	Diagnosis	ICD-10-CM
F65.4	Pedophilia	Diagnosis	ICD-10-CM
F65.5	Sadomasochism	Diagnosis	ICD-10-CM
F65.50	Sadomasochism, unspecified	Diagnosis	ICD-10-CM
F65.51	Sexual masochism	Diagnosis	ICD-10-CM
F65.52	Sexual sadism	Diagnosis	ICD-10-CM
F65.8	Other paraphilias	Diagnosis	ICD-10-CM
F65.81	Frotteurism	Diagnosis	ICD-10-CM
F65.89	Other paraphilias	Diagnosis	ICD-10-CM
F65.9	Paraphilia, unspecified	Diagnosis	ICD-10-CM
F66	Other sexual disorders	Diagnosis	ICD-10-CM
F68	Other disorders of adult personality and behavior	Diagnosis	ICD-10-CM
F68.1	Factitious disorder imposed on self	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

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
F68.13	Factitious disorder imposed on self, with combined psychological and physical signs and symptoms	Diagnosis	ICD-10-CM
F68.8	Other specified disorders of adult personality and behavior	Diagnosis	ICD-10-CM
F68.A	Factitious disorder imposed on another	Diagnosis	ICD-10-CM
F69	Unspecified disorder of adult personality and behavior	Diagnosis	ICD-10-CM
Post-Traumatic Stress Disorder			
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
Psychotic Disorders			
F06.0	Psychotic disorder with hallucinations due to known physiological condition	Diagnosis	ICD-10-CM
F06.1	Catatonic disorder 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
F21	Schizotypal disorder	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
R44.0	Auditory hallucinations	Diagnosis	ICD-10-CM
R44.2	Other hallucinations	Diagnosis	ICD-10-CM
R44.3	Hallucinations, unspecified	Diagnosis	ICD-10-CM
Rheumatologic and Inflammatory Conditions			
D86.0	Sarcoidosis of lung	Diagnosis	ICD-10-CM
D86.1	Sarcoidosis of lymph nodes	Diagnosis	ICD-10-CM
D86.2	Sarcoidosis of lung with sarcoidosis of lymph nodes	Diagnosis	ICD-10-CM
D86.3	Sarcoidosis of skin	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
D86.81	Sarcoid meningitis	Diagnosis	ICD-10-CM
D86.82	Multiple cranial nerve palsies in sarcoidosis	Diagnosis	ICD-10-CM
D86.83	Sarcoid iridocyclitis	Diagnosis	ICD-10-CM
D86.84	Sarcoid pyelonephritis	Diagnosis	ICD-10-CM
D86.85	Sarcoid myocarditis	Diagnosis	ICD-10-CM
D86.86	Sarcoid arthropathy	Diagnosis	ICD-10-CM
D86.87	Sarcoid myositis	Diagnosis	ICD-10-CM
D86.89	Sarcoidosis of other sites	Diagnosis	ICD-10-CM
D86.9	Sarcoidosis, unspecified	Diagnosis	ICD-10-CM
E85.0	Non-neuropathic heredofamilial amyloidosis	Diagnosis	ICD-10-CM
E85.1	Neuropathic heredofamilial amyloidosis	Diagnosis	ICD-10-CM
E85.2	Heredofamilial amyloidosis, unspecified	Diagnosis	ICD-10-CM
E85.3	Secondary systemic amyloidosis	Diagnosis	ICD-10-CM
E85.4	Organ-limited amyloidosis	Diagnosis	ICD-10-CM
E85.81	Light chain (AL) amyloidosis	Diagnosis	ICD-10-CM
E85.82	Wild-type transthyretin-related (ATTR) amyloidosis	Diagnosis	ICD-10-CM
E85.89	Other amyloidosis	Diagnosis	ICD-10-CM
E85.9	Amyloidosis, unspecified	Diagnosis	ICD-10-CM
G35	Multiple sclerosis	Diagnosis	ICD-10-CM
G36.0	Neuromyelitis optica [Devic]	Diagnosis	ICD-10-CM
G37.0	Diffuse sclerosis of central nervous system	Diagnosis	ICD-10-CM
G37.1	Central demyelination of corpus callosum	Diagnosis	ICD-10-CM
G37.2	Central pontine myelinolysis	Diagnosis	ICD-10-CM
G37.3	Acute transverse myelitis in demyelinating disease of central nervous system	Diagnosis	ICD-10-CM
G37.4	Subacute necrotizing myelitis of central nervous system	Diagnosis	ICD-10-CM
G37.5	Concentric sclerosis [Balo] of central nervous system	Diagnosis	ICD-10-CM
G37.8	Other specified demyelinating diseases of central nervous system	Diagnosis	ICD-10-CM
G61.81	Chronic inflammatory demyelinating polyneuritis	Diagnosis	ICD-10-CM
G61.82	Multifocal motor neuropathy	Diagnosis	ICD-10-CM
G61.89	Other inflammatory polyneuropathies	Diagnosis	ICD-10-CM
G61.9	Inflammatory polyneuropathy, unspecified	Diagnosis	ICD-10-CM
G62.2	Polyneuropathy due to other toxic agents	Diagnosis	ICD-10-CM
G62.81	Critical illness polyneuropathy	Diagnosis	ICD-10-CM
G63	Polyneuropathy in diseases classified elsewhere	Diagnosis	ICD-10-CM
I40.8	Other acute myocarditis	Diagnosis	ICD-10-CM
I40.9	Acute myocarditis, unspecified	Diagnosis	ICD-10-CM
I41	Myocarditis in diseases classified elsewhere	Diagnosis	ICD-10-CM
J67.9	Hypersensitivity pneumonitis due to unspecified organic dust	Diagnosis	ICD-10-CM
J84.01	Alveolar proteinosis	Diagnosis	ICD-10-CM
J84.02	Pulmonary alveolar microlithiasis	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
J84.09	Other alveolar and parieto-alveolar conditions	Diagnosis	ICD-10-CM
J84.111	Idiopathic interstitial pneumonia, not otherwise specified	Diagnosis	ICD-10-CM
J84.112	Idiopathic pulmonary fibrosis	Diagnosis	ICD-10-CM
J84.113	Idiopathic non-specific interstitial pneumonitis	Diagnosis	ICD-10-CM
J84.114	Acute interstitial pneumonitis	Diagnosis	ICD-10-CM
J84.115	Respiratory bronchiolitis interstitial lung disease	Diagnosis	ICD-10-CM
J84.116	Cryptogenic organizing pneumonia	Diagnosis	ICD-10-CM
J84.117	Desquamative interstitial pneumonia	Diagnosis	ICD-10-CM
J84.2	Lymphoid interstitial pneumonia	Diagnosis	ICD-10-CM
J84.81	Lymphangioleiomyomatosis	Diagnosis	ICD-10-CM
J84.82	Adult pulmonary Langerhans cell histiocytosis	Diagnosis	ICD-10-CM
J84.83	Surfactant mutations of the lung	Diagnosis	ICD-10-CM
J84.841	Neuroendocrine cell hyperplasia of infancy	Diagnosis	ICD-10-CM
J84.842	Pulmonary interstitial glycogenosis	Diagnosis	ICD-10-CM
J84.843	Alveolar capillary dysplasia with vein misalignment	Diagnosis	ICD-10-CM
J84.848	Other interstitial lung diseases of childhood	Diagnosis	ICD-10-CM
K50.00	Crohn's disease of small intestine without complications	Diagnosis	ICD-10-CM
K50.011	Crohn's disease of small intestine with rectal bleeding	Diagnosis	ICD-10-CM
K50.012	Crohn's disease of small intestine with intestinal obstruction	Diagnosis	ICD-10-CM
K50.013	Crohn's disease of small intestine with fistula	Diagnosis	ICD-10-CM
K50.014	Crohn's disease of small intestine with abscess	Diagnosis	ICD-10-CM
K50.018	Crohn's disease of small intestine with other complication	Diagnosis	ICD-10-CM
K50.019	Crohn's disease of small intestine with unspecified complications	Diagnosis	ICD-10-CM
K50.10	Crohn's disease of large intestine without complications	Diagnosis	ICD-10-CM
K50.111	Crohn's disease of large intestine with rectal bleeding	Diagnosis	ICD-10-CM
K50.112	Crohn's disease of large intestine with intestinal obstruction	Diagnosis	ICD-10-CM
K50.113	Crohn's disease of large intestine with fistula	Diagnosis	ICD-10-CM
K50.114	Crohn's disease of large intestine with abscess	Diagnosis	ICD-10-CM
K50.118	Crohn's disease of large intestine with other complication	Diagnosis	ICD-10-CM
K50.119	Crohn's disease of large intestine with unspecified complications	Diagnosis	ICD-10-CM
K50.80	Crohn's disease of both small and large intestine without complications	Diagnosis	ICD-10-CM
K50.811	Crohn's disease of both small and large intestine with rectal bleeding	Diagnosis	ICD-10-CM
K50.812	Crohn's disease of both small and large intestine with intestinal obstruction	Diagnosis	ICD-10-CM
K50.813	Crohn's disease of both small and large intestine with fistula	Diagnosis	ICD-10-CM
K50.814	Crohn's disease of both small and large intestine with abscess	Diagnosis	ICD-10-CM
K50.818	Crohn's disease of both small and large intestine with other complication	Diagnosis	ICD-10-CM
K50.819	Crohn's disease of both small and large intestine with unspecified complications	Diagnosis	ICD-10-CM
K50.90	Crohn's disease, unspecified, without complications	Diagnosis	ICD-10-CM
K50.911	Crohn's disease, unspecified, with rectal bleeding	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
K50.912	Crohn's disease, unspecified, with intestinal obstruction	Diagnosis	ICD-10-CM
K50.913	Crohn's disease, unspecified, with fistula	Diagnosis	ICD-10-CM
K50.914	Crohn's disease, unspecified, with abscess	Diagnosis	ICD-10-CM
K50.918	Crohn's disease, unspecified, with other complication	Diagnosis	ICD-10-CM
K50.919	Crohn's disease, unspecified, with unspecified complications	Diagnosis	ICD-10-CM
K51.00	Ulcerative (chronic) pancolitis without complications	Diagnosis	ICD-10-CM
K51.011	Ulcerative (chronic) pancolitis with rectal bleeding	Diagnosis	ICD-10-CM
K51.012	Ulcerative (chronic) pancolitis with intestinal obstruction	Diagnosis	ICD-10-CM
K51.013	Ulcerative (chronic) pancolitis with fistula	Diagnosis	ICD-10-CM
K51.014	Ulcerative (chronic) pancolitis with abscess	Diagnosis	ICD-10-CM
K51.018	Ulcerative (chronic) pancolitis with other complication	Diagnosis	ICD-10-CM
K51.019	Ulcerative (chronic) pancolitis with unspecified complications	Diagnosis	ICD-10-CM
K51.20	Ulcerative (chronic) proctitis without complications	Diagnosis	ICD-10-CM
K51.211	Ulcerative (chronic) proctitis with rectal bleeding	Diagnosis	ICD-10-CM
K51.212	Ulcerative (chronic) proctitis with intestinal obstruction	Diagnosis	ICD-10-CM
K51.213	Ulcerative (chronic) proctitis with fistula	Diagnosis	ICD-10-CM
K51.214	Ulcerative (chronic) proctitis with abscess	Diagnosis	ICD-10-CM
K51.218	Ulcerative (chronic) proctitis with other complication	Diagnosis	ICD-10-CM
K51.219	Ulcerative (chronic) proctitis with unspecified complications	Diagnosis	ICD-10-CM
K51.30	Ulcerative (chronic) rectosigmoiditis without complications	Diagnosis	ICD-10-CM
K51.311	Ulcerative (chronic) rectosigmoiditis with rectal bleeding	Diagnosis	ICD-10-CM
K51.312	Ulcerative (chronic) rectosigmoiditis with intestinal obstruction	Diagnosis	ICD-10-CM
K51.313	Ulcerative (chronic) rectosigmoiditis with fistula	Diagnosis	ICD-10-CM
K51.314	Ulcerative (chronic) rectosigmoiditis with abscess	Diagnosis	ICD-10-CM
K51.318	Ulcerative (chronic) rectosigmoiditis with other complication	Diagnosis	ICD-10-CM
K51.319	Ulcerative (chronic) rectosigmoiditis with unspecified complications	Diagnosis	ICD-10-CM
K51.40	Inflammatory polyps of colon without complications	Diagnosis	ICD-10-CM
K51.411	Inflammatory polyps of colon with rectal bleeding	Diagnosis	ICD-10-CM
K51.412	Inflammatory polyps of colon with intestinal obstruction	Diagnosis	ICD-10-CM
K51.413	Inflammatory polyps of colon with fistula	Diagnosis	ICD-10-CM
K51.414	Inflammatory polyps of colon with abscess	Diagnosis	ICD-10-CM
K51.418	Inflammatory polyps of colon with other complication	Diagnosis	ICD-10-CM
K51.419	Inflammatory polyps of colon with unspecified complications	Diagnosis	ICD-10-CM
K51.50	Left sided colitis without complications	Diagnosis	ICD-10-CM
K51.511	Left sided colitis with rectal bleeding	Diagnosis	ICD-10-CM
K51.512	Left sided colitis with intestinal obstruction	Diagnosis	ICD-10-CM
K51.513	Left sided colitis with fistula	Diagnosis	ICD-10-CM
K51.514	Left sided colitis with abscess	Diagnosis	ICD-10-CM
K51.518	Left sided colitis with other complication	Diagnosis	ICD-10-CM
K51.519	Left sided colitis with unspecified complications	Diagnosis	ICD-10-CM
K51.80	Other ulcerative colitis without complications	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
K51.811	Other ulcerative colitis with rectal bleeding	Diagnosis	ICD-10-CM
K51.812	Other ulcerative colitis with intestinal obstruction	Diagnosis	ICD-10-CM
K51.813	Other ulcerative colitis with fistula	Diagnosis	ICD-10-CM
K51.814	Other ulcerative colitis with abscess	Diagnosis	ICD-10-CM
K51.818	Other ulcerative colitis with other complication	Diagnosis	ICD-10-CM
K51.819	Other ulcerative colitis with unspecified complications	Diagnosis	ICD-10-CM
K51.90	Ulcerative colitis, unspecified, without complications	Diagnosis	ICD-10-CM
K51.911	Ulcerative colitis, unspecified with rectal bleeding	Diagnosis	ICD-10-CM
K51.912	Ulcerative colitis, unspecified with intestinal obstruction	Diagnosis	ICD-10-CM
K51.913	Ulcerative colitis, unspecified with fistula	Diagnosis	ICD-10-CM
K51.914	Ulcerative colitis, unspecified with abscess	Diagnosis	ICD-10-CM
K51.918	Ulcerative colitis, unspecified with other complication	Diagnosis	ICD-10-CM
K51.919	Ulcerative colitis, unspecified with unspecified complications	Diagnosis	ICD-10-CM
K52.0	Gastroenteritis and colitis due to radiation	Diagnosis	ICD-10-CM
K52.1	Toxic gastroenteritis and colitis	Diagnosis	ICD-10-CM
K52.21	Food protein-induced enterocolitis syndrome	Diagnosis	ICD-10-CM
K52.22	Food protein-induced enteropathy	Diagnosis	ICD-10-CM
K52.29	Other allergic and dietetic gastroenteritis and colitis	Diagnosis	ICD-10-CM
K52.81	Eosinophilic gastritis or gastroenteritis	Diagnosis	ICD-10-CM
K52.82	Eosinophilic colitis	Diagnosis	ICD-10-CM
K52.89	Other specified noninfective gastroenteritis and colitis	Diagnosis	ICD-10-CM
K52.9	Noninfective gastroenteritis and colitis, unspecified	Diagnosis	ICD-10-CM
K55.011	Focal (segmental) acute (reversible) ischemia of small intestine	Diagnosis	ICD-10-CM
K55.012	Diffuse acute (reversible) ischemia of small intestine	Diagnosis	ICD-10-CM
K55.019	Acute (reversible) ischemia of small intestine, extent unspecified	Diagnosis	ICD-10-CM
K55.1	Chronic vascular disorders of intestine	Diagnosis	ICD-10-CM
K55.9	Vascular disorder of intestine, unspecified	Diagnosis	ICD-10-CM
L40.0	Psoriasis vulgaris	Diagnosis	ICD-10-CM
L40.1	Generalized pustular psoriasis	Diagnosis	ICD-10-CM
L93.0	Discoid lupus erythematosus	Diagnosis	ICD-10-CM
L93.1	Subacute cutaneous lupus erythematosus	Diagnosis	ICD-10-CM
L93.2	Other local lupus erythematosus	Diagnosis	ICD-10-CM
M02	Postinfective and reactive arthropathies	Diagnosis	ICD-10-CM
M02.0	Arthropathy following intestinal bypass	Diagnosis	ICD-10-CM
M02.00	Arthropathy following intestinal bypass, unspecified site	Diagnosis	ICD-10-CM
M02.01	Arthropathy following intestinal bypass, shoulder	Diagnosis	ICD-10-CM
M02.011	Arthropathy following intestinal bypass, right shoulder	Diagnosis	ICD-10-CM
M02.012	Arthropathy following intestinal bypass, left shoulder	Diagnosis	ICD-10-CM
M02.019	Arthropathy following intestinal bypass, unspecified shoulder	Diagnosis	ICD-10-CM
M02.02	Arthropathy following intestinal bypass, elbow	Diagnosis	ICD-10-CM
M02.021	Arthropathy following intestinal bypass, right elbow	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
M02.022	Arthropathy following intestinal bypass, left elbow	Diagnosis	ICD-10-CM
M02.029	Arthropathy following intestinal bypass, unspecified elbow	Diagnosis	ICD-10-CM
M02.03	Arthropathy following intestinal bypass, wrist	Diagnosis	ICD-10-CM
M02.031	Arthropathy following intestinal bypass, right wrist	Diagnosis	ICD-10-CM
M02.032	Arthropathy following intestinal bypass, left wrist	Diagnosis	ICD-10-CM
M02.039	Arthropathy following intestinal bypass, unspecified wrist	Diagnosis	ICD-10-CM
M02.04	Arthropathy following intestinal bypass, hand	Diagnosis	ICD-10-CM
M02.041	Arthropathy following intestinal bypass, right hand	Diagnosis	ICD-10-CM
M02.042	Arthropathy following intestinal bypass, left hand	Diagnosis	ICD-10-CM
M02.049	Arthropathy following intestinal bypass, unspecified hand	Diagnosis	ICD-10-CM
M02.05	Arthropathy following intestinal bypass, hip	Diagnosis	ICD-10-CM
M02.051	Arthropathy following intestinal bypass, right hip	Diagnosis	ICD-10-CM
M02.052	Arthropathy following intestinal bypass, left hip	Diagnosis	ICD-10-CM
M02.059	Arthropathy following intestinal bypass, unspecified hip	Diagnosis	ICD-10-CM
M02.06	Arthropathy following intestinal bypass, knee	Diagnosis	ICD-10-CM
M02.061	Arthropathy following intestinal bypass, right knee	Diagnosis	ICD-10-CM
M02.062	Arthropathy following intestinal bypass, left knee	Diagnosis	ICD-10-CM
M02.069	Arthropathy following intestinal bypass, unspecified knee	Diagnosis	ICD-10-CM
M02.07	Arthropathy following intestinal bypass, ankle and foot	Diagnosis	ICD-10-CM
M02.071	Arthropathy following intestinal bypass, right ankle and foot	Diagnosis	ICD-10-CM
M02.072	Arthropathy following intestinal bypass, left ankle and foot	Diagnosis	ICD-10-CM
M02.079	Arthropathy following intestinal bypass, unspecified ankle and foot	Diagnosis	ICD-10-CM
M02.08	Arthropathy following intestinal bypass, vertebrae	Diagnosis	ICD-10-CM
M02.09	Arthropathy following intestinal bypass, multiple sites	Diagnosis	ICD-10-CM
M02.1	Postdysenteric arthropathy	Diagnosis	ICD-10-CM
M02.10	Postdysenteric arthropathy, unspecified site	Diagnosis	ICD-10-CM
M02.11	Postdysenteric arthropathy, shoulder	Diagnosis	ICD-10-CM
M02.111	Postdysenteric arthropathy, right shoulder	Diagnosis	ICD-10-CM
M02.112	Postdysenteric arthropathy, left shoulder	Diagnosis	ICD-10-CM
M02.119	Postdysenteric arthropathy, unspecified shoulder	Diagnosis	ICD-10-CM
M02.12	Postdysenteric arthropathy, elbow	Diagnosis	ICD-10-CM
M02.121	Postdysenteric arthropathy, right elbow	Diagnosis	ICD-10-CM
M02.122	Postdysenteric arthropathy, left elbow	Diagnosis	ICD-10-CM
M02.129	Postdysenteric arthropathy, unspecified elbow	Diagnosis	ICD-10-CM
M02.13	Postdysenteric arthropathy, wrist	Diagnosis	ICD-10-CM
M02.131	Postdysenteric arthropathy, right wrist	Diagnosis	ICD-10-CM
M02.132	Postdysenteric arthropathy, left wrist	Diagnosis	ICD-10-CM
M02.139	Postdysenteric arthropathy, unspecified wrist	Diagnosis	ICD-10-CM
M02.14	Postdysenteric arthropathy, hand	Diagnosis	ICD-10-CM
M02.141	Postdysenteric arthropathy, right hand	Diagnosis	ICD-10-CM
M02.142	Postdysenteric arthropathy, left hand	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
M02.149	Postdysenteric arthropathy, unspecified hand	Diagnosis	ICD-10-CM
M02.15	Postdysenteric arthropathy, hip	Diagnosis	ICD-10-CM
M02.151	Postdysenteric arthropathy, right hip	Diagnosis	ICD-10-CM
M02.152	Postdysenteric arthropathy, left hip	Diagnosis	ICD-10-CM
M02.159	Postdysenteric arthropathy, unspecified hip	Diagnosis	ICD-10-CM
M02.16	Postdysenteric arthropathy, knee	Diagnosis	ICD-10-CM
M02.161	Postdysenteric arthropathy, right knee	Diagnosis	ICD-10-CM
M02.162	Postdysenteric arthropathy, left knee	Diagnosis	ICD-10-CM
M02.169	Postdysenteric arthropathy, unspecified knee	Diagnosis	ICD-10-CM
M02.17	Postdysenteric arthropathy, ankle and foot	Diagnosis	ICD-10-CM
M02.171	Postdysenteric arthropathy, right ankle and foot	Diagnosis	ICD-10-CM
M02.172	Postdysenteric arthropathy, left ankle and foot	Diagnosis	ICD-10-CM
M02.179	Postdysenteric arthropathy, unspecified ankle and foot	Diagnosis	ICD-10-CM
M02.18	Postdysenteric arthropathy, vertebrae	Diagnosis	ICD-10-CM
M02.19	Postdysenteric arthropathy, multiple sites	Diagnosis	ICD-10-CM
M02.2	Postimmunization arthropathy	Diagnosis	ICD-10-CM
M02.20	Postimmunization arthropathy, unspecified site	Diagnosis	ICD-10-CM
M02.21	Postimmunization arthropathy, shoulder	Diagnosis	ICD-10-CM
M02.211	Postimmunization arthropathy, right shoulder	Diagnosis	ICD-10-CM
M02.212	Postimmunization arthropathy, left shoulder	Diagnosis	ICD-10-CM
M02.219	Postimmunization arthropathy, unspecified shoulder	Diagnosis	ICD-10-CM
M02.22	Postimmunization arthropathy, elbow	Diagnosis	ICD-10-CM
M02.221	Postimmunization arthropathy, right elbow	Diagnosis	ICD-10-CM
M02.222	Postimmunization arthropathy, left elbow	Diagnosis	ICD-10-CM
M02.229	Postimmunization arthropathy, unspecified elbow	Diagnosis	ICD-10-CM
M02.23	Postimmunization arthropathy, wrist	Diagnosis	ICD-10-CM
M02.231	Postimmunization arthropathy, right wrist	Diagnosis	ICD-10-CM
M02.232	Postimmunization arthropathy, left wrist	Diagnosis	ICD-10-CM
M02.239	Postimmunization arthropathy, unspecified wrist	Diagnosis	ICD-10-CM
M02.24	Postimmunization arthropathy, hand	Diagnosis	ICD-10-CM
M02.241	Postimmunization arthropathy, right hand	Diagnosis	ICD-10-CM
M02.242	Postimmunization arthropathy, left hand	Diagnosis	ICD-10-CM
M02.249	Postimmunization arthropathy, unspecified hand	Diagnosis	ICD-10-CM
M02.25	Postimmunization arthropathy, hip	Diagnosis	ICD-10-CM
M02.251	Postimmunization arthropathy, right hip	Diagnosis	ICD-10-CM
M02.252	Postimmunization arthropathy, left hip	Diagnosis	ICD-10-CM
M02.259	Postimmunization arthropathy, unspecified hip	Diagnosis	ICD-10-CM
M02.26	Postimmunization arthropathy, knee	Diagnosis	ICD-10-CM
M02.261	Postimmunization arthropathy, right knee	Diagnosis	ICD-10-CM
M02.262	Postimmunization arthropathy, left knee	Diagnosis	ICD-10-CM
M02.269	Postimmunization arthropathy, unspecified knee	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
M02.27	Postimmunization arthropathy, ankle and foot	Diagnosis	ICD-10-CM
M02.271	Postimmunization arthropathy, right ankle and foot	Diagnosis	ICD-10-CM
M02.272	Postimmunization arthropathy, left ankle and foot	Diagnosis	ICD-10-CM
M02.279	Postimmunization arthropathy, unspecified ankle and foot	Diagnosis	ICD-10-CM
M02.28	Postimmunization arthropathy, vertebrae	Diagnosis	ICD-10-CM
M02.29	Postimmunization arthropathy, multiple sites	Diagnosis	ICD-10-CM
M02.3	Reiter's disease	Diagnosis	ICD-10-CM
M02.30	Reiter's disease, unspecified site	Diagnosis	ICD-10-CM
M02.31	Reiter's disease, shoulder	Diagnosis	ICD-10-CM
M02.311	Reiter's disease, right shoulder	Diagnosis	ICD-10-CM
M02.312	Reiter's disease, left shoulder	Diagnosis	ICD-10-CM
M02.319	Reiter's disease, unspecified shoulder	Diagnosis	ICD-10-CM
M02.32	Reiter's disease, elbow	Diagnosis	ICD-10-CM
M02.321	Reiter's disease, right elbow	Diagnosis	ICD-10-CM
M02.322	Reiter's disease, left elbow	Diagnosis	ICD-10-CM
M02.329	Reiter's disease, unspecified elbow	Diagnosis	ICD-10-CM
M02.33	Reiter's disease, wrist	Diagnosis	ICD-10-CM
M02.331	Reiter's disease, right wrist	Diagnosis	ICD-10-CM
M02.332	Reiter's disease, left wrist	Diagnosis	ICD-10-CM
M02.339	Reiter's disease, unspecified wrist	Diagnosis	ICD-10-CM
M02.34	Reiter's disease, hand	Diagnosis	ICD-10-CM
M02.341	Reiter's disease, right hand	Diagnosis	ICD-10-CM
M02.342	Reiter's disease, left hand	Diagnosis	ICD-10-CM
M02.349	Reiter's disease, unspecified hand	Diagnosis	ICD-10-CM
M02.35	Reiter's disease, hip	Diagnosis	ICD-10-CM
M02.351	Reiter's disease, right hip	Diagnosis	ICD-10-CM
M02.352	Reiter's disease, left hip	Diagnosis	ICD-10-CM
M02.359	Reiter's disease, unspecified hip	Diagnosis	ICD-10-CM
M02.36	Reiter's disease, knee	Diagnosis	ICD-10-CM
M02.361	Reiter's disease, right knee	Diagnosis	ICD-10-CM
M02.362	Reiter's disease, left knee	Diagnosis	ICD-10-CM
M02.369	Reiter's disease, unspecified knee	Diagnosis	ICD-10-CM
M02.37	Reiter's disease, ankle and foot	Diagnosis	ICD-10-CM
M02.371	Reiter's disease, right ankle and foot	Diagnosis	ICD-10-CM
M02.372	Reiter's disease, left ankle and foot	Diagnosis	ICD-10-CM
M02.379	Reiter's disease, unspecified ankle and foot	Diagnosis	ICD-10-CM
M02.38	Reiter's disease, vertebrae	Diagnosis	ICD-10-CM
M02.39	Reiter's disease, multiple sites	Diagnosis	ICD-10-CM
M02.8	Other reactive arthropathies	Diagnosis	ICD-10-CM
M02.80	Other reactive arthropathies, unspecified site	Diagnosis	ICD-10-CM
M02.81	Other reactive arthropathies, shoulder	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
M02.811	Other reactive arthropathies, right shoulder	Diagnosis	ICD-10-CM
M02.812	Other reactive arthropathies, left shoulder	Diagnosis	ICD-10-CM
M02.819	Other reactive arthropathies, unspecified shoulder	Diagnosis	ICD-10-CM
M02.82	Other reactive arthropathies, elbow	Diagnosis	ICD-10-CM
M02.821	Other reactive arthropathies, right elbow	Diagnosis	ICD-10-CM
M02.822	Other reactive arthropathies, left elbow	Diagnosis	ICD-10-CM
M02.829	Other reactive arthropathies, unspecified elbow	Diagnosis	ICD-10-CM
M02.83	Other reactive arthropathies, wrist	Diagnosis	ICD-10-CM
M02.831	Other reactive arthropathies, right wrist	Diagnosis	ICD-10-CM
M02.832	Other reactive arthropathies, left wrist	Diagnosis	ICD-10-CM
M02.839	Other reactive arthropathies, unspecified wrist	Diagnosis	ICD-10-CM
M02.84	Other reactive arthropathies, hand	Diagnosis	ICD-10-CM
M02.841	Other reactive arthropathies, right hand	Diagnosis	ICD-10-CM
M02.842	Other reactive arthropathies, left hand	Diagnosis	ICD-10-CM
M02.849	Other reactive arthropathies, unspecified hand	Diagnosis	ICD-10-CM
M02.85	Other reactive arthropathies, hip	Diagnosis	ICD-10-CM
M02.851	Other reactive arthropathies, right hip	Diagnosis	ICD-10-CM
M02.852	Other reactive arthropathies, left hip	Diagnosis	ICD-10-CM
M02.859	Other reactive arthropathies, unspecified hip	Diagnosis	ICD-10-CM
M02.86	Other reactive arthropathies, knee	Diagnosis	ICD-10-CM
M02.861	Other reactive arthropathies, right knee	Diagnosis	ICD-10-CM
M02.862	Other reactive arthropathies, left knee	Diagnosis	ICD-10-CM
M02.869	Other reactive arthropathies, unspecified knee	Diagnosis	ICD-10-CM
M02.87	Other reactive arthropathies, ankle and foot	Diagnosis	ICD-10-CM
M02.871	Other reactive arthropathies, right ankle and foot	Diagnosis	ICD-10-CM
M02.872	Other reactive arthropathies, left ankle and foot	Diagnosis	ICD-10-CM
M02.879	Other reactive arthropathies, unspecified ankle and foot	Diagnosis	ICD-10-CM
M02.88	Other reactive arthropathies, vertebrae	Diagnosis	ICD-10-CM
M02.89	Other reactive arthropathies, multiple sites	Diagnosis	ICD-10-CM
M02.9	Reactive arthropathy, unspecified	Diagnosis	ICD-10-CM
M04	Autoinflammatory syndromes	Diagnosis	ICD-10-CM
M04.1	Periodic fever syndromes	Diagnosis	ICD-10-CM
M04.2	Cryopyrin-associated periodic syndromes	Diagnosis	ICD-10-CM
M04.8	Other autoinflammatory syndromes	Diagnosis	ICD-10-CM
M04.9	Autoinflammatory syndrome, unspecified	Diagnosis	ICD-10-CM
M05	Rheumatoid arthritis with rheumatoid factor	Diagnosis	ICD-10-CM
M05.0	Felty's syndrome	Diagnosis	ICD-10-CM
M05.00	Felty's syndrome, unspecified site	Diagnosis	ICD-10-CM
M05.01	Felty's syndrome, shoulder	Diagnosis	ICD-10-CM
M05.011	Felty's syndrome, right shoulder	Diagnosis	ICD-10-CM
M05.012	Felty's syndrome, left shoulder	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
M05.019	Felty's syndrome, unspecified shoulder	Diagnosis	ICD-10-CM
M05.02	Felty's syndrome, elbow	Diagnosis	ICD-10-CM
M05.021	Felty's syndrome, right elbow	Diagnosis	ICD-10-CM
M05.022	Felty's syndrome, left elbow	Diagnosis	ICD-10-CM
M05.029	Felty's syndrome, unspecified elbow	Diagnosis	ICD-10-CM
M05.03	Felty's syndrome, wrist	Diagnosis	ICD-10-CM
M05.031	Felty's syndrome, right wrist	Diagnosis	ICD-10-CM
M05.032	Felty's syndrome, left wrist	Diagnosis	ICD-10-CM
M05.039	Felty's syndrome, unspecified wrist	Diagnosis	ICD-10-CM
M05.04	Felty's syndrome, hand	Diagnosis	ICD-10-CM
M05.041	Felty's syndrome, right hand	Diagnosis	ICD-10-CM
M05.042	Felty's syndrome, left hand	Diagnosis	ICD-10-CM
M05.049	Felty's syndrome, unspecified hand	Diagnosis	ICD-10-CM
M05.05	Felty's syndrome, hip	Diagnosis	ICD-10-CM
M05.051	Felty's syndrome, right hip	Diagnosis	ICD-10-CM
M05.052	Felty's syndrome, left hip	Diagnosis	ICD-10-CM
M05.059	Felty's syndrome, unspecified hip	Diagnosis	ICD-10-CM
M05.06	Felty's syndrome, knee	Diagnosis	ICD-10-CM
M05.061	Felty's syndrome, right knee	Diagnosis	ICD-10-CM
M05.062	Felty's syndrome, left knee	Diagnosis	ICD-10-CM
M05.069	Felty's syndrome, unspecified knee	Diagnosis	ICD-10-CM
M05.07	Felty's syndrome, ankle and foot	Diagnosis	ICD-10-CM
M05.071	Felty's syndrome, right ankle and foot	Diagnosis	ICD-10-CM
M05.072	Felty's syndrome, left ankle and foot	Diagnosis	ICD-10-CM
M05.079	Felty's syndrome, unspecified ankle and foot	Diagnosis	ICD-10-CM
M05.09	Felty's syndrome, multiple sites	Diagnosis	ICD-10-CM
M05.1	Rheumatoid lung disease with rheumatoid arthritis	Diagnosis	ICD-10-CM
M05.10	Rheumatoid lung disease with rheumatoid arthritis of unspecified site	Diagnosis	ICD-10-CM
M05.11	Rheumatoid lung disease with rheumatoid arthritis of shoulder	Diagnosis	ICD-10-CM
M05.111	Rheumatoid lung disease with rheumatoid arthritis of right shoulder	Diagnosis	ICD-10-CM
M05.112	Rheumatoid lung disease with rheumatoid arthritis of left shoulder	Diagnosis	ICD-10-CM
M05.119	Rheumatoid lung disease with rheumatoid arthritis of unspecified shoulder	Diagnosis	ICD-10-CM
M05.12	Rheumatoid lung disease with rheumatoid arthritis of elbow	Diagnosis	ICD-10-CM
M05.121	Rheumatoid lung disease with rheumatoid arthritis of right elbow	Diagnosis	ICD-10-CM
M05.122	Rheumatoid lung disease with rheumatoid arthritis of left elbow	Diagnosis	ICD-10-CM
M05.129	Rheumatoid lung disease with rheumatoid arthritis of unspecified elbow	Diagnosis	ICD-10-CM
M05.13	Rheumatoid lung disease with rheumatoid arthritis of wrist	Diagnosis	ICD-10-CM
M05.131	Rheumatoid lung disease with rheumatoid arthritis of right wrist	Diagnosis	ICD-10-CM
M05.132	Rheumatoid lung disease with rheumatoid arthritis of left wrist	Diagnosis	ICD-10-CM
M05.139	Rheumatoid lung disease with rheumatoid arthritis of unspecified wrist	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
M05.14	Rheumatoid lung disease with rheumatoid arthritis of hand	Diagnosis	ICD-10-CM
M05.141	Rheumatoid lung disease with rheumatoid arthritis of right hand	Diagnosis	ICD-10-CM
M05.142	Rheumatoid lung disease with rheumatoid arthritis of left hand	Diagnosis	ICD-10-CM
M05.149	Rheumatoid lung disease with rheumatoid arthritis of unspecified hand	Diagnosis	ICD-10-CM
M05.15	Rheumatoid lung disease with rheumatoid arthritis of hip	Diagnosis	ICD-10-CM
M05.151	Rheumatoid lung disease with rheumatoid arthritis of right hip	Diagnosis	ICD-10-CM
M05.152	Rheumatoid lung disease with rheumatoid arthritis of left hip	Diagnosis	ICD-10-CM
M05.159	Rheumatoid lung disease with rheumatoid arthritis of unspecified hip	Diagnosis	ICD-10-CM
M05.16	Rheumatoid lung disease with rheumatoid arthritis of knee	Diagnosis	ICD-10-CM
M05.161	Rheumatoid lung disease with rheumatoid arthritis of right knee	Diagnosis	ICD-10-CM
M05.162	Rheumatoid lung disease with rheumatoid arthritis of left knee	Diagnosis	ICD-10-CM
M05.169	Rheumatoid lung disease with rheumatoid arthritis of unspecified knee	Diagnosis	ICD-10-CM
M05.17	Rheumatoid lung disease with rheumatoid arthritis of ankle and foot	Diagnosis	ICD-10-CM
M05.171	Rheumatoid lung disease with rheumatoid arthritis of right ankle and foot	Diagnosis	ICD-10-CM
M05.172	Rheumatoid lung disease with rheumatoid arthritis of left ankle and foot	Diagnosis	ICD-10-CM
M05.179	Rheumatoid lung disease with rheumatoid arthritis of unspecified ankle and foot	Diagnosis	ICD-10-CM
M05.19	Rheumatoid lung disease with rheumatoid arthritis of multiple sites	Diagnosis	ICD-10-CM
M05.2	Rheumatoid vasculitis with rheumatoid arthritis	Diagnosis	ICD-10-CM
M05.20	Rheumatoid vasculitis with rheumatoid arthritis of unspecified site	Diagnosis	ICD-10-CM
M05.21	Rheumatoid vasculitis with rheumatoid arthritis of shoulder	Diagnosis	ICD-10-CM
M05.211	Rheumatoid vasculitis with rheumatoid arthritis of right shoulder	Diagnosis	ICD-10-CM
M05.212	Rheumatoid vasculitis with rheumatoid arthritis of left shoulder	Diagnosis	ICD-10-CM
M05.219	Rheumatoid vasculitis with rheumatoid arthritis of unspecified shoulder	Diagnosis	ICD-10-CM
M05.22	Rheumatoid vasculitis with rheumatoid arthritis of elbow	Diagnosis	ICD-10-CM
M05.221	Rheumatoid vasculitis with rheumatoid arthritis of right elbow	Diagnosis	ICD-10-CM
M05.222	Rheumatoid vasculitis with rheumatoid arthritis of left elbow	Diagnosis	ICD-10-CM
M05.229	Rheumatoid vasculitis with rheumatoid arthritis of unspecified elbow	Diagnosis	ICD-10-CM
M05.23	Rheumatoid vasculitis with rheumatoid arthritis of wrist	Diagnosis	ICD-10-CM
M05.231	Rheumatoid vasculitis with rheumatoid arthritis of right wrist	Diagnosis	ICD-10-CM
M05.232	Rheumatoid vasculitis with rheumatoid arthritis of left wrist	Diagnosis	ICD-10-CM
M05.239	Rheumatoid vasculitis with rheumatoid arthritis of unspecified wrist	Diagnosis	ICD-10-CM
M05.24	Rheumatoid vasculitis with rheumatoid arthritis of hand	Diagnosis	ICD-10-CM
M05.241	Rheumatoid vasculitis with rheumatoid arthritis of right hand	Diagnosis	ICD-10-CM
M05.242	Rheumatoid vasculitis with rheumatoid arthritis of left hand	Diagnosis	ICD-10-CM
M05.249	Rheumatoid vasculitis with rheumatoid arthritis of unspecified hand	Diagnosis	ICD-10-CM
M05.25	Rheumatoid vasculitis with rheumatoid arthritis of hip	Diagnosis	ICD-10-CM
M05.251	Rheumatoid vasculitis with rheumatoid arthritis of right hip	Diagnosis	ICD-10-CM
M05.252	Rheumatoid vasculitis with rheumatoid arthritis of left hip	Diagnosis	ICD-10-CM
M05.259	Rheumatoid vasculitis with rheumatoid arthritis of unspecified hip	Diagnosis	ICD-10-CM
M05.26	Rheumatoid vasculitis with rheumatoid arthritis of knee	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
M05.261	Rheumatoid vasculitis with rheumatoid arthritis of right knee	Diagnosis	ICD-10-CM
M05.262	Rheumatoid vasculitis with rheumatoid arthritis of left knee	Diagnosis	ICD-10-CM
M05.269	Rheumatoid vasculitis with rheumatoid arthritis of unspecified knee	Diagnosis	ICD-10-CM
M05.27	Rheumatoid vasculitis with rheumatoid arthritis of ankle and foot	Diagnosis	ICD-10-CM
M05.271	Rheumatoid vasculitis with rheumatoid arthritis of right ankle and foot	Diagnosis	ICD-10-CM
M05.272	Rheumatoid vasculitis with rheumatoid arthritis of left ankle and foot	Diagnosis	ICD-10-CM
M05.279	Rheumatoid vasculitis with rheumatoid arthritis of unspecified ankle and foot	Diagnosis	ICD-10-CM
M05.29	Rheumatoid vasculitis with rheumatoid arthritis of multiple sites	Diagnosis	ICD-10-CM
M05.3	Rheumatoid heart disease with rheumatoid arthritis	Diagnosis	ICD-10-CM
M05.30	Rheumatoid heart disease with rheumatoid arthritis of unspecified site	Diagnosis	ICD-10-CM
M05.31	Rheumatoid heart disease with rheumatoid arthritis of shoulder	Diagnosis	ICD-10-CM
M05.311	Rheumatoid heart disease with rheumatoid arthritis of right shoulder	Diagnosis	ICD-10-CM
M05.312	Rheumatoid heart disease with rheumatoid arthritis of left shoulder	Diagnosis	ICD-10-CM
M05.319	Rheumatoid heart disease with rheumatoid arthritis of unspecified shoulder	Diagnosis	ICD-10-CM
M05.32	Rheumatoid heart disease with rheumatoid arthritis of elbow	Diagnosis	ICD-10-CM
M05.321	Rheumatoid heart disease with rheumatoid arthritis of right elbow	Diagnosis	ICD-10-CM
M05.322	Rheumatoid heart disease with rheumatoid arthritis of left elbow	Diagnosis	ICD-10-CM
M05.329	Rheumatoid heart disease with rheumatoid arthritis of unspecified elbow	Diagnosis	ICD-10-CM
M05.33	Rheumatoid heart disease with rheumatoid arthritis of wrist	Diagnosis	ICD-10-CM
M05.331	Rheumatoid heart disease with rheumatoid arthritis of right wrist	Diagnosis	ICD-10-CM
M05.332	Rheumatoid heart disease with rheumatoid arthritis of left wrist	Diagnosis	ICD-10-CM
M05.339	Rheumatoid heart disease with rheumatoid arthritis of unspecified wrist	Diagnosis	ICD-10-CM
M05.34	Rheumatoid heart disease with rheumatoid arthritis of hand	Diagnosis	ICD-10-CM
M05.341	Rheumatoid heart disease with rheumatoid arthritis of right hand	Diagnosis	ICD-10-CM
M05.342	Rheumatoid heart disease with rheumatoid arthritis of left hand	Diagnosis	ICD-10-CM
M05.349	Rheumatoid heart disease with rheumatoid arthritis of unspecified hand	Diagnosis	ICD-10-CM
M05.35	Rheumatoid heart disease with rheumatoid arthritis of hip	Diagnosis	ICD-10-CM
M05.351	Rheumatoid heart disease with rheumatoid arthritis of right hip	Diagnosis	ICD-10-CM
M05.352	Rheumatoid heart disease with rheumatoid arthritis of left hip	Diagnosis	ICD-10-CM
M05.359	Rheumatoid heart disease with rheumatoid arthritis of unspecified hip	Diagnosis	ICD-10-CM
M05.36	Rheumatoid heart disease with rheumatoid arthritis of knee	Diagnosis	ICD-10-CM
M05.361	Rheumatoid heart disease with rheumatoid arthritis of right knee	Diagnosis	ICD-10-CM
M05.362	Rheumatoid heart disease with rheumatoid arthritis of left knee	Diagnosis	ICD-10-CM
M05.369	Rheumatoid heart disease with rheumatoid arthritis of unspecified knee	Diagnosis	ICD-10-CM
M05.37	Rheumatoid heart disease with rheumatoid arthritis of ankle and foot	Diagnosis	ICD-10-CM
M05.371	Rheumatoid heart disease with rheumatoid arthritis of right ankle and foot	Diagnosis	ICD-10-CM
M05.372	Rheumatoid heart disease with rheumatoid arthritis of left ankle and foot	Diagnosis	ICD-10-CM
M05.379	Rheumatoid heart disease with rheumatoid arthritis of unspecified ankle and foot	Diagnosis	ICD-10-CM
M05.39	Rheumatoid heart disease with rheumatoid arthritis of multiple sites	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
M05.4	Rheumatoid myopathy with rheumatoid arthritis	Diagnosis	ICD-10-CM
M05.40	Rheumatoid myopathy with rheumatoid arthritis of unspecified site	Diagnosis	ICD-10-CM
M05.41	Rheumatoid myopathy with rheumatoid arthritis of shoulder	Diagnosis	ICD-10-CM
M05.411	Rheumatoid myopathy with rheumatoid arthritis of right shoulder	Diagnosis	ICD-10-CM
M05.412	Rheumatoid myopathy with rheumatoid arthritis of left shoulder	Diagnosis	ICD-10-CM
M05.419	Rheumatoid myopathy with rheumatoid arthritis of unspecified shoulder	Diagnosis	ICD-10-CM
M05.42	Rheumatoid myopathy with rheumatoid arthritis of elbow	Diagnosis	ICD-10-CM
M05.421	Rheumatoid myopathy with rheumatoid arthritis of right elbow	Diagnosis	ICD-10-CM
M05.422	Rheumatoid myopathy with rheumatoid arthritis of left elbow	Diagnosis	ICD-10-CM
M05.429	Rheumatoid myopathy with rheumatoid arthritis of unspecified elbow	Diagnosis	ICD-10-CM
M05.43	Rheumatoid myopathy with rheumatoid arthritis of wrist	Diagnosis	ICD-10-CM
M05.431	Rheumatoid myopathy with rheumatoid arthritis of right wrist	Diagnosis	ICD-10-CM
M05.432	Rheumatoid myopathy with rheumatoid arthritis of left wrist	Diagnosis	ICD-10-CM
M05.439	Rheumatoid myopathy with rheumatoid arthritis of unspecified wrist	Diagnosis	ICD-10-CM
M05.44	Rheumatoid myopathy with rheumatoid arthritis of hand	Diagnosis	ICD-10-CM
M05.441	Rheumatoid myopathy with rheumatoid arthritis of right hand	Diagnosis	ICD-10-CM
M05.442	Rheumatoid myopathy with rheumatoid arthritis of left hand	Diagnosis	ICD-10-CM
M05.449	Rheumatoid myopathy with rheumatoid arthritis of unspecified hand	Diagnosis	ICD-10-CM
M05.45	Rheumatoid myopathy with rheumatoid arthritis of hip	Diagnosis	ICD-10-CM
M05.451	Rheumatoid myopathy with rheumatoid arthritis of right hip	Diagnosis	ICD-10-CM
M05.452	Rheumatoid myopathy with rheumatoid arthritis of left hip	Diagnosis	ICD-10-CM
M05.459	Rheumatoid myopathy with rheumatoid arthritis of unspecified hip	Diagnosis	ICD-10-CM
M05.46	Rheumatoid myopathy with rheumatoid arthritis of knee	Diagnosis	ICD-10-CM
M05.461	Rheumatoid myopathy with rheumatoid arthritis of right knee	Diagnosis	ICD-10-CM
M05.462	Rheumatoid myopathy with rheumatoid arthritis of left knee	Diagnosis	ICD-10-CM
M05.469	Rheumatoid myopathy with rheumatoid arthritis of unspecified knee	Diagnosis	ICD-10-CM
M05.47	Rheumatoid myopathy with rheumatoid arthritis of ankle and foot	Diagnosis	ICD-10-CM
M05.471	Rheumatoid myopathy with rheumatoid arthritis of right ankle and foot	Diagnosis	ICD-10-CM
M05.472	Rheumatoid myopathy with rheumatoid arthritis of left ankle and foot	Diagnosis	ICD-10-CM
M05.479	Rheumatoid myopathy with rheumatoid arthritis of unspecified ankle and foot	Diagnosis	ICD-10-CM
M05.49	Rheumatoid myopathy with rheumatoid arthritis of multiple sites	Diagnosis	ICD-10-CM
M05.5	Rheumatoid polyneuropathy with rheumatoid arthritis	Diagnosis	ICD-10-CM
M05.50	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified site	Diagnosis	ICD-10-CM
M05.51	Rheumatoid polyneuropathy with rheumatoid arthritis of shoulder	Diagnosis	ICD-10-CM
M05.511	Rheumatoid polyneuropathy with rheumatoid arthritis of right shoulder	Diagnosis	ICD-10-CM
M05.512	Rheumatoid polyneuropathy with rheumatoid arthritis of left shoulder	Diagnosis	ICD-10-CM
M05.519	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified shoulder	Diagnosis	ICD-10-CM
M05.52	Rheumatoid polyneuropathy with rheumatoid arthritis of elbow	Diagnosis	ICD-10-CM
M05.521	Rheumatoid polyneuropathy with rheumatoid arthritis of right elbow	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
M05.522	Rheumatoid polyneuropathy with rheumatoid arthritis of left elbow	Diagnosis	ICD-10-CM
M05.529	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified elbow	Diagnosis	ICD-10-CM
M05.53	Rheumatoid polyneuropathy with rheumatoid arthritis of wrist	Diagnosis	ICD-10-CM
M05.531	Rheumatoid polyneuropathy with rheumatoid arthritis of right wrist	Diagnosis	ICD-10-CM
M05.532	Rheumatoid polyneuropathy with rheumatoid arthritis of left wrist	Diagnosis	ICD-10-CM
M05.539	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified wrist	Diagnosis	ICD-10-CM
M05.54	Rheumatoid polyneuropathy with rheumatoid arthritis of hand	Diagnosis	ICD-10-CM
M05.541	Rheumatoid polyneuropathy with rheumatoid arthritis of right hand	Diagnosis	ICD-10-CM
M05.542	Rheumatoid polyneuropathy with rheumatoid arthritis of left hand	Diagnosis	ICD-10-CM
M05.549	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified hand	Diagnosis	ICD-10-CM
M05.55	Rheumatoid polyneuropathy with rheumatoid arthritis of hip	Diagnosis	ICD-10-CM
M05.551	Rheumatoid polyneuropathy with rheumatoid arthritis of right hip	Diagnosis	ICD-10-CM
M05.552	Rheumatoid polyneuropathy with rheumatoid arthritis of left hip	Diagnosis	ICD-10-CM
M05.559	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified hip	Diagnosis	ICD-10-CM
M05.56	Rheumatoid polyneuropathy with rheumatoid arthritis of knee	Diagnosis	ICD-10-CM
M05.561	Rheumatoid polyneuropathy with rheumatoid arthritis of right knee	Diagnosis	ICD-10-CM
M05.562	Rheumatoid polyneuropathy with rheumatoid arthritis of left knee	Diagnosis	ICD-10-CM
M05.569	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified knee	Diagnosis	ICD-10-CM
M05.57	Rheumatoid polyneuropathy with rheumatoid arthritis of ankle and foot	Diagnosis	ICD-10-CM
M05.571	Rheumatoid polyneuropathy with rheumatoid arthritis of right ankle and foot	Diagnosis	ICD-10-CM
M05.572	Rheumatoid polyneuropathy with rheumatoid arthritis of left ankle and foot	Diagnosis	ICD-10-CM
M05.579	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified ankle and foot	Diagnosis	ICD-10-CM
M05.59	Rheumatoid polyneuropathy with rheumatoid arthritis of multiple sites	Diagnosis	ICD-10-CM
M05.6	Rheumatoid arthritis with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.60	Rheumatoid arthritis of unspecified site with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.61	Rheumatoid arthritis of shoulder with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.611	Rheumatoid arthritis of right shoulder with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.612	Rheumatoid arthritis of left shoulder with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.619	Rheumatoid arthritis of unspecified shoulder with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.62	Rheumatoid arthritis of elbow with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.621	Rheumatoid arthritis of right elbow with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.622	Rheumatoid arthritis of left elbow with involvement of other organs and systems	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
M05.629	Rheumatoid arthritis of unspecified elbow with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.63	Rheumatoid arthritis of wrist with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.631	Rheumatoid arthritis of right wrist with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.632	Rheumatoid arthritis of left wrist with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.639	Rheumatoid arthritis of unspecified wrist with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.64	Rheumatoid arthritis of hand with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.641	Rheumatoid arthritis of right hand with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.642	Rheumatoid arthritis of left hand with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.649	Rheumatoid arthritis of unspecified hand with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.65	Rheumatoid arthritis of hip with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.651	Rheumatoid arthritis of right hip with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.652	Rheumatoid arthritis of left hip with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.659	Rheumatoid arthritis of unspecified hip with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.66	Rheumatoid arthritis of knee with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.661	Rheumatoid arthritis of right knee with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.662	Rheumatoid arthritis of left knee with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.669	Rheumatoid arthritis of unspecified knee with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.67	Rheumatoid arthritis of ankle and foot with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.671	Rheumatoid arthritis of right ankle and foot with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.672	Rheumatoid arthritis of left ankle and foot with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.679	Rheumatoid arthritis of unspecified ankle and foot with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.69	Rheumatoid arthritis of multiple sites with involvement of other organs and systems	Diagnosis	ICD-10-CM
M05.7	Rheumatoid arthritis with rheumatoid factor without organ or systems involvement	Diagnosis	ICD-10-CM
M05.70	Rheumatoid arthritis with rheumatoid factor of unspecified site without organ or systems involvement	Diagnosis	ICD-10-CM
M05.71	Rheumatoid arthritis with rheumatoid factor of shoulder without organ or systems involvement	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
M05.711	Rheumatoid arthritis with rheumatoid factor of right shoulder without organ or systems involvement	Diagnosis	ICD-10-CM
M05.712	Rheumatoid arthritis with rheumatoid factor of left shoulder without organ or systems involvement	Diagnosis	ICD-10-CM
M05.719	Rheumatoid arthritis with rheumatoid factor of unspecified shoulder without organ or systems involvement	Diagnosis	ICD-10-CM
M05.72	Rheumatoid arthritis with rheumatoid factor of elbow without organ or systems involvement	Diagnosis	ICD-10-CM
M05.721	Rheumatoid arthritis with rheumatoid factor of right elbow without organ or systems involvement	Diagnosis	ICD-10-CM
M05.722	Rheumatoid arthritis with rheumatoid factor of left elbow without organ or systems involvement	Diagnosis	ICD-10-CM
M05.729	Rheumatoid arthritis with rheumatoid factor of unspecified elbow without organ or systems involvement	Diagnosis	ICD-10-CM
M05.73	Rheumatoid arthritis with rheumatoid factor of wrist without organ or systems involvement	Diagnosis	ICD-10-CM
M05.731	Rheumatoid arthritis with rheumatoid factor of right wrist without organ or systems involvement	Diagnosis	ICD-10-CM
M05.732	Rheumatoid arthritis with rheumatoid factor of left wrist without organ or systems involvement	Diagnosis	ICD-10-CM
M05.739	Rheumatoid arthritis with rheumatoid factor of unspecified wrist without organ or systems involvement	Diagnosis	ICD-10-CM
M05.74	Rheumatoid arthritis with rheumatoid factor of hand without organ or systems involvement	Diagnosis	ICD-10-CM
M05.741	Rheumatoid arthritis with rheumatoid factor of right hand without organ or systems involvement	Diagnosis	ICD-10-CM
M05.742	Rheumatoid arthritis with rheumatoid factor of left hand without organ or systems involvement	Diagnosis	ICD-10-CM
M05.749	Rheumatoid arthritis with rheumatoid factor of unspecified hand without organ or systems involvement	Diagnosis	ICD-10-CM
M05.75	Rheumatoid arthritis with rheumatoid factor of hip without organ or systems involvement	Diagnosis	ICD-10-CM
M05.751	Rheumatoid arthritis with rheumatoid factor of right hip without organ or systems involvement	Diagnosis	ICD-10-CM
M05.752	Rheumatoid arthritis with rheumatoid factor of left hip without organ or systems involvement	Diagnosis	ICD-10-CM
M05.759	Rheumatoid arthritis with rheumatoid factor of unspecified hip without organ or systems involvement	Diagnosis	ICD-10-CM
M05.76	Rheumatoid arthritis with rheumatoid factor of knee without organ or systems involvement	Diagnosis	ICD-10-CM
M05.761	Rheumatoid arthritis with rheumatoid factor of right knee without organ or systems involvement	Diagnosis	ICD-10-CM
M05.762	Rheumatoid arthritis with rheumatoid factor of left knee without organ or systems involvement	Diagnosis	ICD-10-CM
M05.769	Rheumatoid arthritis with rheumatoid factor of unspecified knee without organ or systems involvement	Diagnosis	ICD-10-CM
M05.77	Rheumatoid arthritis with rheumatoid factor of ankle and foot without organ or systems involvement	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
M05.771	Rheumatoid arthritis with rheumatoid factor of right ankle and foot without organ or systems involvement	Diagnosis	ICD-10-CM
M05.772	Rheumatoid arthritis with rheumatoid factor of left ankle and foot without organ or systems involvement	Diagnosis	ICD-10-CM
M05.779	Rheumatoid arthritis with rheumatoid factor of unspecified ankle and foot without organ or systems involvement	Diagnosis	ICD-10-CM
M05.79	Rheumatoid arthritis with rheumatoid factor of multiple sites without organ or systems involvement	Diagnosis	ICD-10-CM
M05.8	Other rheumatoid arthritis with rheumatoid factor	Diagnosis	ICD-10-CM
M05.80	Other rheumatoid arthritis with rheumatoid factor of unspecified site	Diagnosis	ICD-10-CM
M05.81	Other rheumatoid arthritis with rheumatoid factor of shoulder	Diagnosis	ICD-10-CM
M05.811	Other rheumatoid arthritis with rheumatoid factor of right shoulder	Diagnosis	ICD-10-CM
M05.812	Other rheumatoid arthritis with rheumatoid factor of left shoulder	Diagnosis	ICD-10-CM
M05.819	Other rheumatoid arthritis with rheumatoid factor of unspecified shoulder	Diagnosis	ICD-10-CM
M05.82	Other rheumatoid arthritis with rheumatoid factor of elbow	Diagnosis	ICD-10-CM
M05.821	Other rheumatoid arthritis with rheumatoid factor of right elbow	Diagnosis	ICD-10-CM
M05.822	Other rheumatoid arthritis with rheumatoid factor of left elbow	Diagnosis	ICD-10-CM
M05.829	Other rheumatoid arthritis with rheumatoid factor of unspecified elbow	Diagnosis	ICD-10-CM
M05.83	Other rheumatoid arthritis with rheumatoid factor of wrist	Diagnosis	ICD-10-CM
M05.831	Other rheumatoid arthritis with rheumatoid factor of right wrist	Diagnosis	ICD-10-CM
M05.832	Other rheumatoid arthritis with rheumatoid factor of left wrist	Diagnosis	ICD-10-CM
M05.839	Other rheumatoid arthritis with rheumatoid factor of unspecified wrist	Diagnosis	ICD-10-CM
M05.84	Other rheumatoid arthritis with rheumatoid factor of hand	Diagnosis	ICD-10-CM
M05.841	Other rheumatoid arthritis with rheumatoid factor of right hand	Diagnosis	ICD-10-CM
M05.842	Other rheumatoid arthritis with rheumatoid factor of left hand	Diagnosis	ICD-10-CM
M05.849	Other rheumatoid arthritis with rheumatoid factor of unspecified hand	Diagnosis	ICD-10-CM
M05.85	Other rheumatoid arthritis with rheumatoid factor of hip	Diagnosis	ICD-10-CM
M05.851	Other rheumatoid arthritis with rheumatoid factor of right hip	Diagnosis	ICD-10-CM
M05.852	Other rheumatoid arthritis with rheumatoid factor of left hip	Diagnosis	ICD-10-CM
M05.859	Other rheumatoid arthritis with rheumatoid factor of unspecified hip	Diagnosis	ICD-10-CM
M05.86	Other rheumatoid arthritis with rheumatoid factor of knee	Diagnosis	ICD-10-CM
M05.861	Other rheumatoid arthritis with rheumatoid factor of right knee	Diagnosis	ICD-10-CM
M05.862	Other rheumatoid arthritis with rheumatoid factor of left knee	Diagnosis	ICD-10-CM
M05.869	Other rheumatoid arthritis with rheumatoid factor of unspecified knee	Diagnosis	ICD-10-CM
M05.87	Other rheumatoid arthritis with rheumatoid factor of ankle and foot	Diagnosis	ICD-10-CM
M05.871	Other rheumatoid arthritis with rheumatoid factor of right ankle and foot	Diagnosis	ICD-10-CM
M05.872	Other rheumatoid arthritis with rheumatoid factor of left ankle and foot	Diagnosis	ICD-10-CM
M05.879	Other rheumatoid arthritis with rheumatoid factor of unspecified ankle and foot	Diagnosis	ICD-10-CM
M05.89	Other rheumatoid arthritis with rheumatoid factor of multiple sites	Diagnosis	ICD-10-CM
M05.9	Rheumatoid arthritis with rheumatoid factor, unspecified	Diagnosis	ICD-10-CM
M06.0	Rheumatoid arthritis without rheumatoid factor	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
M06.00	Rheumatoid arthritis without rheumatoid factor, unspecified site	Diagnosis	ICD-10-CM
M06.01	Rheumatoid arthritis without rheumatoid factor, shoulder	Diagnosis	ICD-10-CM
M06.011	Rheumatoid arthritis without rheumatoid factor, right shoulder	Diagnosis	ICD-10-CM
M06.012	Rheumatoid arthritis without rheumatoid factor, left shoulder	Diagnosis	ICD-10-CM
M06.019	Rheumatoid arthritis without rheumatoid factor, unspecified shoulder	Diagnosis	ICD-10-CM
M06.02	Rheumatoid arthritis without rheumatoid factor, elbow	Diagnosis	ICD-10-CM
M06.021	Rheumatoid arthritis without rheumatoid factor, right elbow	Diagnosis	ICD-10-CM
M06.022	Rheumatoid arthritis without rheumatoid factor, left elbow	Diagnosis	ICD-10-CM
M06.029	Rheumatoid arthritis without rheumatoid factor, unspecified elbow	Diagnosis	ICD-10-CM
M06.03	Rheumatoid arthritis without rheumatoid factor, wrist	Diagnosis	ICD-10-CM
M06.031	Rheumatoid arthritis without rheumatoid factor, right wrist	Diagnosis	ICD-10-CM
M06.032	Rheumatoid arthritis without rheumatoid factor, left wrist	Diagnosis	ICD-10-CM
M06.039	Rheumatoid arthritis without rheumatoid factor, unspecified wrist	Diagnosis	ICD-10-CM
M06.04	Rheumatoid arthritis without rheumatoid factor, hand	Diagnosis	ICD-10-CM
M06.041	Rheumatoid arthritis without rheumatoid factor, right hand	Diagnosis	ICD-10-CM
M06.042	Rheumatoid arthritis without rheumatoid factor, left hand	Diagnosis	ICD-10-CM
M06.049	Rheumatoid arthritis without rheumatoid factor, unspecified hand	Diagnosis	ICD-10-CM
M06.05	Rheumatoid arthritis without rheumatoid factor, hip	Diagnosis	ICD-10-CM
M06.051	Rheumatoid arthritis without rheumatoid factor, right hip	Diagnosis	ICD-10-CM
M06.052	Rheumatoid arthritis without rheumatoid factor, left hip	Diagnosis	ICD-10-CM
M06.059	Rheumatoid arthritis without rheumatoid factor, unspecified hip	Diagnosis	ICD-10-CM
M06.06	Rheumatoid arthritis without rheumatoid factor, knee	Diagnosis	ICD-10-CM
M06.061	Rheumatoid arthritis without rheumatoid factor, right knee	Diagnosis	ICD-10-CM
M06.062	Rheumatoid arthritis without rheumatoid factor, left knee	Diagnosis	ICD-10-CM
M06.069	Rheumatoid arthritis without rheumatoid factor, unspecified knee	Diagnosis	ICD-10-CM
M06.07	Rheumatoid arthritis without rheumatoid factor, ankle and foot	Diagnosis	ICD-10-CM
M06.071	Rheumatoid arthritis without rheumatoid factor, right ankle and foot	Diagnosis	ICD-10-CM
M06.072	Rheumatoid arthritis without rheumatoid factor, left ankle and foot	Diagnosis	ICD-10-CM
M06.079	Rheumatoid arthritis without rheumatoid factor, unspecified ankle and foot	Diagnosis	ICD-10-CM
M06.08	Rheumatoid arthritis without rheumatoid factor, vertebrae	Diagnosis	ICD-10-CM
M06.09	Rheumatoid arthritis without rheumatoid factor, multiple sites	Diagnosis	ICD-10-CM
M06.1	Adult-onset Still's disease	Diagnosis	ICD-10-CM
M06.2	Rheumatoid bursitis	Diagnosis	ICD-10-CM
M06.20	Rheumatoid bursitis, unspecified site	Diagnosis	ICD-10-CM
M06.21	Rheumatoid bursitis, shoulder	Diagnosis	ICD-10-CM
M06.211	Rheumatoid bursitis, right shoulder	Diagnosis	ICD-10-CM
M06.212	Rheumatoid bursitis, left shoulder	Diagnosis	ICD-10-CM
M06.219	Rheumatoid bursitis, unspecified shoulder	Diagnosis	ICD-10-CM
M06.22	Rheumatoid bursitis, elbow	Diagnosis	ICD-10-CM
M06.221	Rheumatoid bursitis, right elbow	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
M06.222	Rheumatoid bursitis, left elbow	Diagnosis	ICD-10-CM
M06.229	Rheumatoid bursitis, unspecified elbow	Diagnosis	ICD-10-CM
M06.23	Rheumatoid bursitis, wrist	Diagnosis	ICD-10-CM
M06.231	Rheumatoid bursitis, right wrist	Diagnosis	ICD-10-CM
M06.232	Rheumatoid bursitis, left wrist	Diagnosis	ICD-10-CM
M06.239	Rheumatoid bursitis, unspecified wrist	Diagnosis	ICD-10-CM
M06.24	Rheumatoid bursitis, hand	Diagnosis	ICD-10-CM
M06.241	Rheumatoid bursitis, right hand	Diagnosis	ICD-10-CM
M06.242	Rheumatoid bursitis, left hand	Diagnosis	ICD-10-CM
M06.249	Rheumatoid bursitis, unspecified hand	Diagnosis	ICD-10-CM
M06.25	Rheumatoid bursitis, hip	Diagnosis	ICD-10-CM
M06.251	Rheumatoid bursitis, right hip	Diagnosis	ICD-10-CM
M06.252	Rheumatoid bursitis, left hip	Diagnosis	ICD-10-CM
M06.259	Rheumatoid bursitis, unspecified hip	Diagnosis	ICD-10-CM
M06.26	Rheumatoid bursitis, knee	Diagnosis	ICD-10-CM
M06.261	Rheumatoid bursitis, right knee	Diagnosis	ICD-10-CM
M06.262	Rheumatoid bursitis, left knee	Diagnosis	ICD-10-CM
M06.269	Rheumatoid bursitis, unspecified knee	Diagnosis	ICD-10-CM
M06.27	Rheumatoid bursitis, ankle and foot	Diagnosis	ICD-10-CM
M06.271	Rheumatoid bursitis, right ankle and foot	Diagnosis	ICD-10-CM
M06.272	Rheumatoid bursitis, left ankle and foot	Diagnosis	ICD-10-CM
M06.279	Rheumatoid bursitis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M06.28	Rheumatoid bursitis, vertebrae	Diagnosis	ICD-10-CM
M06.29	Rheumatoid bursitis, multiple sites	Diagnosis	ICD-10-CM
M06.3	Rheumatoid nodule	Diagnosis	ICD-10-CM
M06.30	Rheumatoid nodule, unspecified site	Diagnosis	ICD-10-CM
M06.31	Rheumatoid nodule, shoulder	Diagnosis	ICD-10-CM
M06.311	Rheumatoid nodule, right shoulder	Diagnosis	ICD-10-CM
M06.312	Rheumatoid nodule, left shoulder	Diagnosis	ICD-10-CM
M06.319	Rheumatoid nodule, unspecified shoulder	Diagnosis	ICD-10-CM
M06.32	Rheumatoid nodule, elbow	Diagnosis	ICD-10-CM
M06.321	Rheumatoid nodule, right elbow	Diagnosis	ICD-10-CM
M06.322	Rheumatoid nodule, left elbow	Diagnosis	ICD-10-CM
M06.329	Rheumatoid nodule, unspecified elbow	Diagnosis	ICD-10-CM
M06.33	Rheumatoid nodule, wrist	Diagnosis	ICD-10-CM
M06.331	Rheumatoid nodule, right wrist	Diagnosis	ICD-10-CM
M06.332	Rheumatoid nodule, left wrist	Diagnosis	ICD-10-CM
M06.339	Rheumatoid nodule, unspecified wrist	Diagnosis	ICD-10-CM
M06.34	Rheumatoid nodule, hand	Diagnosis	ICD-10-CM
M06.341	Rheumatoid nodule, right hand	Diagnosis	ICD-10-CM
M06.342	Rheumatoid nodule, left hand	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
M06.349	Rheumatoid nodule, unspecified hand	Diagnosis	ICD-10-CM
M06.35	Rheumatoid nodule, hip	Diagnosis	ICD-10-CM
M06.351	Rheumatoid nodule, right hip	Diagnosis	ICD-10-CM
M06.352	Rheumatoid nodule, left hip	Diagnosis	ICD-10-CM
M06.359	Rheumatoid nodule, unspecified hip	Diagnosis	ICD-10-CM
M06.36	Rheumatoid nodule, knee	Diagnosis	ICD-10-CM
M06.361	Rheumatoid nodule, right knee	Diagnosis	ICD-10-CM
M06.362	Rheumatoid nodule, left knee	Diagnosis	ICD-10-CM
M06.369	Rheumatoid nodule, unspecified knee	Diagnosis	ICD-10-CM
M06.37	Rheumatoid nodule, ankle and foot	Diagnosis	ICD-10-CM
M06.371	Rheumatoid nodule, right ankle and foot	Diagnosis	ICD-10-CM
M06.372	Rheumatoid nodule, left ankle and foot	Diagnosis	ICD-10-CM
M06.379	Rheumatoid nodule, unspecified ankle and foot	Diagnosis	ICD-10-CM
M06.38	Rheumatoid nodule, vertebrae	Diagnosis	ICD-10-CM
M06.39	Rheumatoid nodule, multiple sites	Diagnosis	ICD-10-CM
M06.4	Inflammatory polyarthropathy	Diagnosis	ICD-10-CM
M06.8	Other specified rheumatoid arthritis	Diagnosis	ICD-10-CM
M06.80	Other specified rheumatoid arthritis, unspecified site	Diagnosis	ICD-10-CM
M06.81	Other specified rheumatoid arthritis, shoulder	Diagnosis	ICD-10-CM
M06.811	Other specified rheumatoid arthritis, right shoulder	Diagnosis	ICD-10-CM
M06.812	Other specified rheumatoid arthritis, left shoulder	Diagnosis	ICD-10-CM
M06.819	Other specified rheumatoid arthritis, unspecified shoulder	Diagnosis	ICD-10-CM
M06.82	Other specified rheumatoid arthritis, elbow	Diagnosis	ICD-10-CM
M06.821	Other specified rheumatoid arthritis, right elbow	Diagnosis	ICD-10-CM
M06.822	Other specified rheumatoid arthritis, left elbow	Diagnosis	ICD-10-CM
M06.829	Other specified rheumatoid arthritis, unspecified elbow	Diagnosis	ICD-10-CM
M06.83	Other specified rheumatoid arthritis, wrist	Diagnosis	ICD-10-CM
M06.831	Other specified rheumatoid arthritis, right wrist	Diagnosis	ICD-10-CM
M06.832	Other specified rheumatoid arthritis, left wrist	Diagnosis	ICD-10-CM
M06.839	Other specified rheumatoid arthritis, unspecified wrist	Diagnosis	ICD-10-CM
M06.84	Other specified rheumatoid arthritis, hand	Diagnosis	ICD-10-CM
M06.841	Other specified rheumatoid arthritis, right hand	Diagnosis	ICD-10-CM
M06.842	Other specified rheumatoid arthritis, left hand	Diagnosis	ICD-10-CM
M06.849	Other specified rheumatoid arthritis, unspecified hand	Diagnosis	ICD-10-CM
M06.85	Other specified rheumatoid arthritis, hip	Diagnosis	ICD-10-CM
M06.851	Other specified rheumatoid arthritis, right hip	Diagnosis	ICD-10-CM
M06.852	Other specified rheumatoid arthritis, left hip	Diagnosis	ICD-10-CM
M06.859	Other specified rheumatoid arthritis, unspecified hip	Diagnosis	ICD-10-CM
M06.86	Other specified rheumatoid arthritis, knee	Diagnosis	ICD-10-CM
M06.861	Other specified rheumatoid arthritis, right knee	Diagnosis	ICD-10-CM
M06.862	Other specified rheumatoid arthritis, left knee	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
M06.869	Other specified rheumatoid arthritis, unspecified knee	Diagnosis	ICD-10-CM
M06.87	Other specified rheumatoid arthritis, ankle and foot	Diagnosis	ICD-10-CM
M06.871	Other specified rheumatoid arthritis, right ankle and foot	Diagnosis	ICD-10-CM
M06.872	Other specified rheumatoid arthritis, left ankle and foot	Diagnosis	ICD-10-CM
M06.879	Other specified rheumatoid arthritis, unspecified ankle and foot	Diagnosis	ICD-10-CM
M06.88	Other specified rheumatoid arthritis, vertebrae	Diagnosis	ICD-10-CM
M06.89	Other specified rheumatoid arthritis, multiple sites	Diagnosis	ICD-10-CM
M06.9	Rheumatoid arthritis, unspecified	Diagnosis	ICD-10-CM
M08.3	Juvenile rheumatoid polyarthritis (seronegative)	Diagnosis	ICD-10-CM
M08.40	Pauciarticular juvenile rheumatoid arthritis, unspecified site	Diagnosis	ICD-10-CM
M12.00	Chronic postrheumatic arthropathy [Jaccoud], unspecified site	Diagnosis	ICD-10-CM
M30.0	Polyarteritis nodosa	Diagnosis	ICD-10-CM
M30.1	Polyarteritis with lung involvement [Churg-Strauss]	Diagnosis	ICD-10-CM
M30.2	Juvenile polyarteritis	Diagnosis	ICD-10-CM
M30.3	Mucocutaneous lymph node syndrome [Kawasaki]	Diagnosis	ICD-10-CM
M30.8	Other conditions related to polyarteritis nodosa	Diagnosis	ICD-10-CM
M31.0	Hypersensitivity angiitis	Diagnosis	ICD-10-CM
M31.1	Thrombotic microangiopathy	Diagnosis	ICD-10-CM
M31.2	Lethal midline granuloma	Diagnosis	ICD-10-CM
M31.30	Wegener's granulomatosis without renal involvement	Diagnosis	ICD-10-CM
M31.31	Wegener's granulomatosis with renal involvement	Diagnosis	ICD-10-CM
M31.4	Aortic arch syndrome [Takayasu]	Diagnosis	ICD-10-CM
M31.5	Giant cell arteritis with polymyalgia rheumatica	Diagnosis	ICD-10-CM
M31.6	Other giant cell arteritis	Diagnosis	ICD-10-CM
M31.7	Microscopic polyangiitis	Diagnosis	ICD-10-CM
M31.8	Other specified necrotizing vasculopathies	Diagnosis	ICD-10-CM
M31.9	Necrotizing vasculopathy, unspecified	Diagnosis	ICD-10-CM
M32.0	Drug-induced systemic lupus erythematosus	Diagnosis	ICD-10-CM
M32.10	Systemic lupus erythematosus, organ or system involvement unspecified	Diagnosis	ICD-10-CM
M32.11	Endocarditis in systemic lupus erythematosus	Diagnosis	ICD-10-CM
M32.12	Pericarditis in systemic lupus erythematosus	Diagnosis	ICD-10-CM
M32.13	Lung involvement in systemic lupus erythematosus	Diagnosis	ICD-10-CM
M32.14	Glomerular disease in systemic lupus erythematosus	Diagnosis	ICD-10-CM
M32.15	Tubulo-interstitial nephropathy in systemic lupus erythematosus	Diagnosis	ICD-10-CM
M32.19	Other organ or system involvement in systemic lupus erythematosus	Diagnosis	ICD-10-CM
M32.8	Other forms of systemic lupus erythematosus	Diagnosis	ICD-10-CM
M32.9	Systemic lupus erythematosus, unspecified	Diagnosis	ICD-10-CM
M33.00	Juvenile dermatomyositis, organ involvement unspecified	Diagnosis	ICD-10-CM
M33.01	Juvenile dermatomyositis with respiratory involvement	Diagnosis	ICD-10-CM
M33.02	Juvenile dermatomyositis with myopathy	Diagnosis	ICD-10-CM
M33.09	Juvenile dermatomyositis with other organ involvement	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
M33.10	Other dermatomyositis, organ involvement unspecified	Diagnosis	ICD-10-CM
M33.11	Other dermatomyositis with respiratory involvement	Diagnosis	ICD-10-CM
M33.12	Other dermatomyositis with myopathy	Diagnosis	ICD-10-CM
M33.13	Other dermatomyositis without myopathy	Diagnosis	ICD-10-CM
M33.19	Other dermatomyositis with other organ involvement	Diagnosis	ICD-10-CM
M33.20	Polymyositis, organ involvement unspecified	Diagnosis	ICD-10-CM
M33.21	Polymyositis with respiratory involvement	Diagnosis	ICD-10-CM
M33.22	Polymyositis with myopathy	Diagnosis	ICD-10-CM
M33.29	Polymyositis with other organ involvement	Diagnosis	ICD-10-CM
M33.90	Dermatopolymyositis, unspecified, organ involvement unspecified	Diagnosis	ICD-10-CM
M33.91	Dermatopolymyositis, unspecified with respiratory involvement	Diagnosis	ICD-10-CM
M33.92	Dermatopolymyositis, unspecified with myopathy	Diagnosis	ICD-10-CM
M33.93	Dermatopolymyositis, unspecified without myopathy	Diagnosis	ICD-10-CM
M33.99	Dermatopolymyositis, unspecified with other organ involvement	Diagnosis	ICD-10-CM
M34.0	Progressive systemic sclerosis	Diagnosis	ICD-10-CM
M34.1	CR(E)ST syndrome	Diagnosis	ICD-10-CM
M34.2	Systemic sclerosis induced by drug and chemical	Diagnosis	ICD-10-CM
M34.81	Systemic sclerosis with lung involvement	Diagnosis	ICD-10-CM
M34.82	Systemic sclerosis with myopathy	Diagnosis	ICD-10-CM
M34.83	Systemic sclerosis with polyneuropathy	Diagnosis	ICD-10-CM
M34.89	Other systemic sclerosis	Diagnosis	ICD-10-CM
M34.9	Systemic sclerosis, unspecified	Diagnosis	ICD-10-CM
M35.00	Sjogren syndrome, unspecified	Diagnosis	ICD-10-CM
M35.01	Sjogren syndrome with keratoconjunctivitis	Diagnosis	ICD-10-CM
M35.02	Sjogren syndrome with lung involvement	Diagnosis	ICD-10-CM
M35.03	Sjogren syndrome with myopathy	Diagnosis	ICD-10-CM
M35.04	Sjogren syndrome with tubulo-interstitial nephropathy	Diagnosis	ICD-10-CM
M35.09	Sjogren syndrome with other organ involvement	Diagnosis	ICD-10-CM
M35.1	Other overlap syndromes	Diagnosis	ICD-10-CM
M35.2	Behcet's disease	Diagnosis	ICD-10-CM
M35.3	Polymyalgia rheumatica	Diagnosis	ICD-10-CM
M35.4	Diffuse (eosinophilic) fasciitis	Diagnosis	ICD-10-CM
M35.5	Multifocal fibrosclerosis	Diagnosis	ICD-10-CM
M35.6	Relapsing panniculitis [Weber-Christian]	Diagnosis	ICD-10-CM
M35.8	Other specified systemic involvement of connective tissue	Diagnosis	ICD-10-CM
M35.9	Systemic involvement of connective tissue, unspecified	Diagnosis	ICD-10-CM
M36.0	Dermato(poly)myositis in neoplastic disease	Diagnosis	ICD-10-CM
M36.8	Systemic disorders of connective tissue in other diseases classified elsewhere	Diagnosis	ICD-10-CM
M46.00	Spinal enthesopathy, site unspecified	Diagnosis	ICD-10-CM
M46.01	Spinal enthesopathy, occipito-atlanto-axial region	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
M46.02	Spinal enthesopathy, cervical region	Diagnosis	ICD-10-CM
M46.03	Spinal enthesopathy, cervicothoracic region	Diagnosis	ICD-10-CM
M46.04	Spinal enthesopathy, thoracic region	Diagnosis	ICD-10-CM
M46.05	Spinal enthesopathy, thoracolumbar region	Diagnosis	ICD-10-CM
M46.06	Spinal enthesopathy, lumbar region	Diagnosis	ICD-10-CM
M46.07	Spinal enthesopathy, lumbosacral region	Diagnosis	ICD-10-CM
M46.08	Spinal enthesopathy, sacral and sacrococcygeal region	Diagnosis	ICD-10-CM
M46.09	Spinal enthesopathy, multiple sites in spine	Diagnosis	ICD-10-CM
M46.1	Sacroiliitis, not elsewhere classified	Diagnosis	ICD-10-CM
Sleep Disorders			
E66.2	Morbid (severe) obesity with alveolar hypoventilation	Diagnosis	ICD-10-CM
F11.182	Opioid abuse with opioid-induced sleep disorder	Diagnosis	ICD-10-CM
F11.282	Opioid dependence with opioid-induced sleep disorder	Diagnosis	ICD-10-CM
F11.982	Opioid use, unspecified with opioid-induced sleep disorder	Diagnosis	ICD-10-CM
F13.182	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced sleep disorder	Diagnosis	ICD-10-CM
F13.282	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced sleep disorder	Diagnosis	ICD-10-CM
F13.982	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced sleep disorder	Diagnosis	ICD-10-CM
F14.182	Cocaine abuse with cocaine-induced sleep disorder	Diagnosis	ICD-10-CM
F14.282	Cocaine dependence with cocaine-induced sleep disorder	Diagnosis	ICD-10-CM
F14.982	Cocaine use, unspecified with cocaine-induced sleep disorder,	Diagnosis	ICD-10-CM
F15.182	Other stimulant abuse with stimulant-induced sleep disorder	Diagnosis	ICD-10-CM
F15.282	Other stimulant dependence with stimulant-induced sleep disorder	Diagnosis	ICD-10-CM
F15.982	Other stimulant use, unspecified with stimulant-induced sleep disorder	Diagnosis	ICD-10-CM
F19.182	Other psychoactive substance abuse with psychoactive substance-induced sleep disorder	Diagnosis	ICD-10-CM
F19.21	Other psychoactive substance dependence, in remission	Diagnosis	ICD-10-CM
F19.282	Other psychoactive substance dependence with psychoactive substance-induced sleep disorder	Diagnosis	ICD-10-CM
F19.982	Other psychoactive substance use, unspecified with psychoactive substance-induced sleep disorder	Diagnosis	ICD-10-CM
F51.01	Primary insomnia	Diagnosis	ICD-10-CM
F51.02	Adjustment Insomnia	Diagnosis	ICD-10-CM
F51.03	Paradoxical insomnia	Diagnosis	ICD-10-CM
F51.09	Other insomnia not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F51.11	Primary Hypersomnia	Diagnosis	ICD-10-CM
F51.12	Insufficient sleep syndrome	Diagnosis	ICD-10-CM
F51.19	Other hypersomnia not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
F51.3	Sleepwalking	Diagnosis	ICD-10-CM
F51.4	Night Terrors	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
F51.5	Nightmare Disorder	Diagnosis	ICD-10-CM
F51.8	Other sleep disorders not due to a substance or known physiological condition	Diagnosis	ICD-10-CM
G25.81	Restless Legs Syndrome RLS	Diagnosis	ICD-10-CM
G47.00	Insomnia (NOS)	Diagnosis	ICD-10-CM
G47.01	Insomnia Due to Medical Condition	Diagnosis	ICD-10-CM
G47.10	Hypersomnia (NOS)	Diagnosis	ICD-10-CM
G47.11	Idiopathic Hypersomnia With Long Sleep Time	Diagnosis	ICD-10-CM
G47.12	Idiopathic Hypersomnia Without Long Sleep Time	Diagnosis	ICD-10-CM
G47.13	Recurrent Hypersomnia	Diagnosis	ICD-10-CM
G47.14	Hypersomnia Due to Medical Condition	Diagnosis	ICD-10-CM
G47.20	Circadian Rhythm Sleep Disorders (NOS)	Diagnosis	ICD-10-CM
G47.21	Delayed Sleep Phase Type	Diagnosis	ICD-10-CM
G47.22	Advanced Sleep Phase Type	Diagnosis	ICD-10-CM
G47.23	Irregular Sleep-Wake Type	Diagnosis	ICD-10-CM
G47.24	Free-Running Type	Diagnosis	ICD-10-CM
G47.26	Shift Work Type (Shift Work Disorder)	Diagnosis	ICD-10-CM
G47.30	Unspecified Sleep Apnea	Diagnosis	ICD-10-CM
G47.31	Primary Central Sleep Apnea	Diagnosis	ICD-10-CM
G47.33	Obstructive Sleep Apnea	Diagnosis	ICD-10-CM
G47.34	Idiopathic sleep related nonobstructive alveolar hypoventilation	Diagnosis	ICD-10-CM
G47.36	Sleep related hypoventilation in conditions classified elsewhere	Diagnosis	ICD-10-CM
G47.37	Central Sleep Apnea/Complex Sleep Apnea	Diagnosis	ICD-10-CM
G47.39	Other Sleep Apnea	Diagnosis	ICD-10-CM
G47.411	Narcolepsy With Cataplexy	Diagnosis	ICD-10-CM
G47.419	Narcolepsy Without Cataplexy	Diagnosis	ICD-10-CM
G47.51	Confusional Arousals	Diagnosis	ICD-10-CM
G47.52	REM Sleep Behavior Disorder	Diagnosis	ICD-10-CM
G47.53	Recurrent Isolated Sleep Paralysis	Diagnosis	ICD-10-CM
G47.59	Other parasomnia	Diagnosis	ICD-10-CM
G47.61	Periodic Limb Movement Disorder	Diagnosis	ICD-10-CM
G47.62	Sleep Related Leg Cramps	Diagnosis	ICD-10-CM
G47.63	Sleep Related Bruxism	Diagnosis	ICD-10-CM
R06.00	Dyspnea, unspecified	Diagnosis	ICD-10-CM
R06.09	Other forms of dyspnea	Diagnosis	ICD-10-CM
R06.3	Periodic breathing	Diagnosis	ICD-10-CM
R06.81	Apnea, not elsewhere specified	Diagnosis	ICD-10-CM
R06.83	Snoring	Diagnosis	ICD-10-CM
R06.89	Other abnormalities of breathing	Diagnosis	ICD-10-CM
Z72.820	Sleep Deprivation	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
Stroke or Transient Ischemic Attack			
G450	Vertebro-basilar artery syndrome	Diagnosis	ICD-10-CM
G451	Carotid artery syndrome (hemispheric)	Diagnosis	ICD-10-CM
G452	Multiple and bilateral precerebral artery syndromes	Diagnosis	ICD-10-CM
G453	Amaurosis fugax	Diagnosis	ICD-10-CM
G454	Transient global amnesia	Diagnosis	ICD-10-CM
G458	Other transient cerebral ischemic attacks and related syndromes	Diagnosis	ICD-10-CM
G459	Transient cerebral ischemic attack, unspecified	Diagnosis	ICD-10-CM
G460	Middle cerebral artery syndrome	Diagnosis	ICD-10-CM
G461	Anterior cerebral artery syndrome	Diagnosis	ICD-10-CM
G462	Posterior cerebral artery syndrome	Diagnosis	ICD-10-CM
G463	Brain stem stroke syndrome	Diagnosis	ICD-10-CM
G464	Cerebellar stroke syndrome	Diagnosis	ICD-10-CM
G465	Pure motor lacunar syndrome	Diagnosis	ICD-10-CM
G466	Pure sensory lacunar syndrome	Diagnosis	ICD-10-CM
G467	Other lacunar syndromes	Diagnosis	ICD-10-CM
G468	Other vascular syndromes of brain in cerebrovascular diseases	Diagnosis	ICD-10-CM
I6000	Nontraumatic subarachnoid hemorrhage from unspecified carotid siphon and bifurcation	Diagnosis	ICD-10-CM
I6001	Nontraumatic subarachnoid hemorrhage from right carotid siphon and bifurcation	Diagnosis	ICD-10-CM
I6002	Nontraumatic subarachnoid hemorrhage from left carotid siphon and bifurcation	Diagnosis	ICD-10-CM
I6010	Nontraumatic subarachnoid hemorrhage from unspecified middle cerebral artery	Diagnosis	ICD-10-CM
I6011	Nontraumatic subarachnoid hemorrhage from right middle cerebral artery	Diagnosis	ICD-10-CM
I6012	Nontraumatic subarachnoid hemorrhage from left middle cerebral artery	Diagnosis	ICD-10-CM
I602	Nontraumatic subarachnoid hemorrhage from anterior communicating artery	Diagnosis	ICD-10-CM
I6020	Nontraumatic subarachnoid hemorrhage from unspecified anterior communicating artery	Diagnosis	ICD-10-CM
I6021	Nontraumatic subarachnoid hemorrhage from right anterior communicating artery	Diagnosis	ICD-10-CM
I6022	Nontraumatic subarachnoid hemorrhage from left anterior communicating artery	Diagnosis	ICD-10-CM
I6030	Nontraumatic subarachnoid hemorrhage from unspecified posterior communicating artery	Diagnosis	ICD-10-CM
I6031	Nontraumatic subarachnoid hemorrhage from right posterior communicating artery	Diagnosis	ICD-10-CM
I6032	Nontraumatic subarachnoid hemorrhage from left posterior communicating artery	Diagnosis	ICD-10-CM
I604	Nontraumatic subarachnoid hemorrhage from basilar artery	Diagnosis	ICD-10-CM
I6050	Nontraumatic subarachnoid hemorrhage from unspecified vertebral artery	Diagnosis	ICD-10-CM
I6051	Nontraumatic subarachnoid hemorrhage from right vertebral artery	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I6052	Nontraumatic subarachnoid hemorrhage from left vertebral artery	Diagnosis	ICD-10-CM
I606	Nontraumatic subarachnoid hemorrhage from other intracranial arteries	Diagnosis	ICD-10-CM
I607	Nontraumatic subarachnoid hemorrhage from unspecified intracranial artery	Diagnosis	ICD-10-CM
I608	Other nontraumatic subarachnoid hemorrhage	Diagnosis	ICD-10-CM
I609	Nontraumatic subarachnoid hemorrhage, unspecified	Diagnosis	ICD-10-CM
I610	Nontraumatic intracerebral hemorrhage in hemisphere, subcortical	Diagnosis	ICD-10-CM
I611	Nontraumatic intracerebral hemorrhage in hemisphere, cortical	Diagnosis	ICD-10-CM
I612	Nontraumatic intracerebral hemorrhage in hemisphere, unspecified	Diagnosis	ICD-10-CM
I613	Nontraumatic intracerebral hemorrhage in brain stem	Diagnosis	ICD-10-CM
I614	Nontraumatic intracerebral hemorrhage in cerebellum	Diagnosis	ICD-10-CM
I615	Nontraumatic intracerebral hemorrhage, intraventricular	Diagnosis	ICD-10-CM
I616	Nontraumatic intracerebral hemorrhage, multiple localized	Diagnosis	ICD-10-CM
I618	Other nontraumatic intracerebral hemorrhage	Diagnosis	ICD-10-CM
I619	Nontraumatic intracerebral hemorrhage, unspecified	Diagnosis	ICD-10-CM
I6200	Nontraumatic subdural hemorrhage, unspecified	Diagnosis	ICD-10-CM
I6201	Nontraumatic acute subdural hemorrhage	Diagnosis	ICD-10-CM
I6202	Nontraumatic subacute subdural hemorrhage	Diagnosis	ICD-10-CM
I6203	Nontraumatic chronic subdural hemorrhage	Diagnosis	ICD-10-CM
I629	Nontraumatic intracranial hemorrhage, unspecified	Diagnosis	ICD-10-CM
I63	Cerebral infarction	Diagnosis	ICD-10-CM
I630	Cerebral infarction due to thrombosis of precerebral arteries	Diagnosis	ICD-10-CM
I6300	Cerebral infarction due to thrombosis of unspecified precerebral artery	Diagnosis	ICD-10-CM
I6301	Cerebral infarction due to thrombosis of vertebral artery	Diagnosis	ICD-10-CM
I63011	Cerebral infarction due to thrombosis of right vertebral artery	Diagnosis	ICD-10-CM
I63012	Cerebral infarction due to thrombosis of left vertebral artery	Diagnosis	ICD-10-CM
I63013	Cerebral infarction due to thrombosis of bilateral vertebral arteries	Diagnosis	ICD-10-CM
I63019	Cerebral infarction due to thrombosis of unspecified vertebral artery	Diagnosis	ICD-10-CM
I6302	Cerebral infarction due to thrombosis of basilar artery	Diagnosis	ICD-10-CM
I6303	Cerebral infarction due to thrombosis of carotid artery	Diagnosis	ICD-10-CM
I63031	Cerebral infarction due to thrombosis of right carotid artery	Diagnosis	ICD-10-CM
I63032	Cerebral infarction due to thrombosis of left carotid artery	Diagnosis	ICD-10-CM
I63033	Cerebral infarction due to thrombosis of bilateral carotid arteries	Diagnosis	ICD-10-CM
I63039	Cerebral infarction due to thrombosis of unspecified carotid artery	Diagnosis	ICD-10-CM
I6309	Cerebral infarction due to thrombosis of other precerebral artery	Diagnosis	ICD-10-CM
I631	Cerebral infarction due to embolism of precerebral arteries	Diagnosis	ICD-10-CM
I6310	Cerebral infarction due to embolism of unspecified precerebral artery	Diagnosis	ICD-10-CM
I6311	Cerebral infarction due to embolism of vertebral artery	Diagnosis	ICD-10-CM
I63111	Cerebral infarction due to embolism of right vertebral artery	Diagnosis	ICD-10-CM
I63112	Cerebral infarction due to embolism of left vertebral artery	Diagnosis	ICD-10-CM
I63113	Cerebral infarction due to embolism of bilateral vertebral arteries	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I63119	Cerebral infarction due to embolism of unspecified vertebral artery	Diagnosis	ICD-10-CM
I6312	Cerebral infarction due to embolism of basilar artery	Diagnosis	ICD-10-CM
I6313	Cerebral infarction due to embolism of carotid artery	Diagnosis	ICD-10-CM
I63131	Cerebral infarction due to embolism of right carotid artery	Diagnosis	ICD-10-CM
I63132	Cerebral infarction due to embolism of left carotid artery	Diagnosis	ICD-10-CM
I63133	Cerebral infarction due to embolism of bilateral carotid arteries	Diagnosis	ICD-10-CM
I63139	Cerebral infarction due to embolism of unspecified carotid artery	Diagnosis	ICD-10-CM
I6319	Cerebral infarction due to embolism of other precerebral artery	Diagnosis	ICD-10-CM
I632	Cerebral infarction due to unspecified occlusion or stenosis of precerebral arteries	Diagnosis	ICD-10-CM
I6320	Cerebral infarction due to unspecified occlusion or stenosis of unspecified precerebral arteries	Diagnosis	ICD-10-CM
I6321	Cerebral infarction due to unspecified occlusion or stenosis of vertebral arteries	Diagnosis	ICD-10-CM
I63211	Cerebral infarction due to unspecified occlusion or stenosis of right vertebral artery	Diagnosis	ICD-10-CM
I63212	Cerebral infarction due to unspecified occlusion or stenosis of left vertebral artery	Diagnosis	ICD-10-CM
I63213	Cerebral infarction due to unspecified occlusion or stenosis of bilateral vertebral arteries	Diagnosis	ICD-10-CM
I63219	Cerebral infarction due to unspecified occlusion or stenosis of unspecified vertebral artery	Diagnosis	ICD-10-CM
I6322	Cerebral infarction due to unspecified occlusion or stenosis of basilar artery	Diagnosis	ICD-10-CM
I6323	Cerebral infarction due to unspecified occlusion or stenosis of carotid arteries	Diagnosis	ICD-10-CM
I63231	Cerebral infarction due to unspecified occlusion or stenosis of right carotid arteries	Diagnosis	ICD-10-CM
I63232	Cerebral infarction due to unspecified occlusion or stenosis of left carotid arteries	Diagnosis	ICD-10-CM
I63233	Cerebral infarction due to unspecified occlusion or stenosis of bilateral carotid arteries	Diagnosis	ICD-10-CM
I63239	Cerebral infarction due to unspecified occlusion or stenosis of unspecified carotid artery	Diagnosis	ICD-10-CM
I6329	Cerebral infarction due to unspecified occlusion or stenosis of other precerebral arteries	Diagnosis	ICD-10-CM
I633	Cerebral infarction due to thrombosis of cerebral arteries	Diagnosis	ICD-10-CM
I6330	Cerebral infarction due to thrombosis of unspecified cerebral artery	Diagnosis	ICD-10-CM
I6331	Cerebral infarction due to thrombosis of middle cerebral artery	Diagnosis	ICD-10-CM
I63311	Cerebral infarction due to thrombosis of right middle cerebral artery	Diagnosis	ICD-10-CM
I63312	Cerebral infarction due to thrombosis of left middle cerebral artery	Diagnosis	ICD-10-CM
I63313	Cerebral infarction due to thrombosis of bilateral middle cerebral arteries	Diagnosis	ICD-10-CM
I63319	Cerebral infarction due to thrombosis of unspecified middle cerebral artery	Diagnosis	ICD-10-CM
I6332	Cerebral infarction due to thrombosis of anterior cerebral artery	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I63321	Cerebral infarction due to thrombosis of right anterior cerebral artery	Diagnosis	ICD-10-CM
I63322	Cerebral infarction due to thrombosis of left anterior cerebral artery	Diagnosis	ICD-10-CM
I63323	Cerebral infarction due to thrombosis of bilateral anterior cerebral arteries	Diagnosis	ICD-10-CM
I63329	Cerebral infarction due to thrombosis of unspecified anterior cerebral artery	Diagnosis	ICD-10-CM
I6333	Cerebral infarction due to thrombosis of posterior cerebral artery	Diagnosis	ICD-10-CM
I63331	Cerebral infarction due to thrombosis of right posterior cerebral artery	Diagnosis	ICD-10-CM
I63332	Cerebral infarction due to thrombosis of left posterior cerebral artery	Diagnosis	ICD-10-CM
I63333	Cerebral infarction due to thrombosis of bilateral posterior cerebral arteries	Diagnosis	ICD-10-CM
I63339	Cerebral infarction due to thrombosis of unspecified posterior cerebral artery	Diagnosis	ICD-10-CM
I6334	Cerebral infarction due to thrombosis of cerebellar artery	Diagnosis	ICD-10-CM
I63341	Cerebral infarction due to thrombosis of right cerebellar artery	Diagnosis	ICD-10-CM
I63342	Cerebral infarction due to thrombosis of left cerebellar artery	Diagnosis	ICD-10-CM
I63343	Cerebral infarction due to thrombosis of bilateral cerebellar arteries	Diagnosis	ICD-10-CM
I63349	Cerebral infarction due to thrombosis of unspecified cerebellar artery	Diagnosis	ICD-10-CM
I6339	Cerebral infarction due to thrombosis of other cerebral artery	Diagnosis	ICD-10-CM
I634	Cerebral infarction due to embolism of cerebral arteries	Diagnosis	ICD-10-CM
I6340	Cerebral infarction due to embolism of unspecified cerebral artery	Diagnosis	ICD-10-CM
I6341	Cerebral infarction due to embolism of middle cerebral artery	Diagnosis	ICD-10-CM
I63411	Cerebral infarction due to embolism of right middle cerebral artery	Diagnosis	ICD-10-CM
I63412	Cerebral infarction due to embolism of left middle cerebral artery	Diagnosis	ICD-10-CM
I63413	Cerebral infarction due to embolism of bilateral middle cerebral arteries	Diagnosis	ICD-10-CM
I63419	Cerebral infarction due to embolism of unspecified middle cerebral artery	Diagnosis	ICD-10-CM
I6342	Cerebral infarction due to embolism of anterior cerebral artery	Diagnosis	ICD-10-CM
I63421	Cerebral infarction due to embolism of right anterior cerebral artery	Diagnosis	ICD-10-CM
I63422	Cerebral infarction due to embolism of left anterior cerebral artery	Diagnosis	ICD-10-CM
I63423	Cerebral infarction due to embolism of bilateral anterior cerebral arteries	Diagnosis	ICD-10-CM
I63429	Cerebral infarction due to embolism of unspecified anterior cerebral artery	Diagnosis	ICD-10-CM
I6343	Cerebral infarction due to embolism of posterior cerebral artery	Diagnosis	ICD-10-CM
I63431	Cerebral infarction due to embolism of right posterior cerebral artery	Diagnosis	ICD-10-CM
I63432	Cerebral infarction due to embolism of left posterior cerebral artery	Diagnosis	ICD-10-CM
I63433	Cerebral infarction due to embolism of bilateral posterior cerebral arteries	Diagnosis	ICD-10-CM
I63439	Cerebral infarction due to embolism of unspecified posterior cerebral artery	Diagnosis	ICD-10-CM
I6344	Cerebral infarction due to embolism of cerebellar artery	Diagnosis	ICD-10-CM
I63441	Cerebral infarction due to embolism of right cerebellar artery	Diagnosis	ICD-10-CM
I63442	Cerebral infarction due to embolism of left cerebellar artery	Diagnosis	ICD-10-CM
I63443	Cerebral infarction due to embolism of bilateral cerebellar arteries	Diagnosis	ICD-10-CM
I63449	Cerebral infarction due to embolism of unspecified cerebellar artery	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I6349	Cerebral infarction due to embolism of other cerebral artery	Diagnosis	ICD-10-CM
I635	Cerebral infarction due to unspecified occlusion or stenosis of cerebral arteries	Diagnosis	ICD-10-CM
I6350	Cerebral infarction due to unspecified occlusion or stenosis of unspecified cerebral artery	Diagnosis	ICD-10-CM
I6351	Cerebral infarction due to unspecified occlusion or stenosis of middle cerebral artery	Diagnosis	ICD-10-CM
I63511	Cerebral infarction due to unspecified occlusion or stenosis of right middle cerebral artery	Diagnosis	ICD-10-CM
I63512	Cerebral infarction due to unspecified occlusion or stenosis of left middle cerebral artery	Diagnosis	ICD-10-CM
I63513	Cerebral infarction due to unspecified occlusion or stenosis of bilateral middle cerebral arteries	Diagnosis	ICD-10-CM
I63519	Cerebral infarction due to unspecified occlusion or stenosis of unspecified middle cerebral artery	Diagnosis	ICD-10-CM
I6352	Cerebral infarction due to unspecified occlusion or stenosis of anterior cerebral artery	Diagnosis	ICD-10-CM
I63521	Cerebral infarction due to unspecified occlusion or stenosis of right anterior cerebral artery	Diagnosis	ICD-10-CM
I63522	Cerebral infarction due to unspecified occlusion or stenosis of left anterior cerebral artery	Diagnosis	ICD-10-CM
I63523	Cerebral infarction due to unspecified occlusion or stenosis of bilateral anterior cerebral arteries	Diagnosis	ICD-10-CM
I63529	Cerebral infarction due to unspecified occlusion or stenosis of unspecified anterior cerebral artery	Diagnosis	ICD-10-CM
I6353	Cerebral infarction due to unspecified occlusion or stenosis of posterior cerebral artery	Diagnosis	ICD-10-CM
I63531	Cerebral infarction due to unspecified occlusion or stenosis of right posterior cerebral artery	Diagnosis	ICD-10-CM
I63532	Cerebral infarction due to unspecified occlusion or stenosis of left posterior cerebral artery	Diagnosis	ICD-10-CM
I63533	Cerebral infarction due to unspecified occlusion or stenosis of bilateral posterior cerebral arteries	Diagnosis	ICD-10-CM
I63539	Cerebral infarction due to unspecified occlusion or stenosis of unspecified posterior cerebral artery	Diagnosis	ICD-10-CM
I6354	Cerebral infarction due to unspecified occlusion or stenosis of cerebellar artery	Diagnosis	ICD-10-CM
I63541	Cerebral infarction due to unspecified occlusion or stenosis of right cerebellar artery	Diagnosis	ICD-10-CM
I63542	Cerebral infarction due to unspecified occlusion or stenosis of left cerebellar artery	Diagnosis	ICD-10-CM
I63543	Cerebral infarction due to unspecified occlusion or stenosis of bilateral cerebellar arteries	Diagnosis	ICD-10-CM
I63549	Cerebral infarction due to unspecified occlusion or stenosis of unspecified cerebellar artery	Diagnosis	ICD-10-CM
I6359	Cerebral infarction due to unspecified occlusion or stenosis of other cerebral artery	Diagnosis	ICD-10-CM
I636	Cerebral infarction due to cerebral venous thrombosis, nonpyogenic	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
I638	Other cerebral infarction	Diagnosis	ICD-10-CM
I6381	Other cerebral infarction due to occlusion or stenosis of small artery	Diagnosis	ICD-10-CM
I6389	Other cerebral infarction	Diagnosis	ICD-10-CM
I639	Cerebral infarction, unspecified	Diagnosis	ICD-10-CM
Alcohol-Related Disorder			
F10	Alcohol related disorders	Diagnosis	ICD-10-CM
F10.1	Alcohol abuse	Diagnosis	ICD-10-CM
F10.10	Alcohol abuse, uncomplicated	Diagnosis	ICD-10-CM
F10.11	Alcohol abuse, in remission	Diagnosis	ICD-10-CM
F10.12	Alcohol abuse with intoxication	Diagnosis	ICD-10-CM
F10.120	Alcohol abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F10.121	Alcohol abuse with intoxication delirium	Diagnosis	ICD-10-CM
F10.129	Alcohol abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F10.13	Alcohol abuse, with withdrawal	Diagnosis	ICD-10-CM
F10.130	Alcohol abuse with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F10.131	Alcohol abuse with withdrawal delirium	Diagnosis	ICD-10-CM
F10.132	Alcohol abuse with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F10.139	Alcohol abuse with withdrawal, unspecified	Diagnosis	ICD-10-CM
F10.14	Alcohol abuse with alcohol-induced mood disorder	Diagnosis	ICD-10-CM
F10.15	Alcohol abuse with alcohol-induced psychotic disorder	Diagnosis	ICD-10-CM
F10.150	Alcohol abuse with alcohol-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F10.151	Alcohol abuse with alcohol-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F10.159	Alcohol abuse with alcohol-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F10.18	Alcohol abuse with other alcohol-induced disorders	Diagnosis	ICD-10-CM
F10.180	Alcohol abuse with alcohol-induced anxiety disorder	Diagnosis	ICD-10-CM
F10.181	Alcohol abuse with alcohol-induced sexual dysfunction	Diagnosis	ICD-10-CM
F10.182	Alcohol abuse with alcohol-induced sleep disorder	Diagnosis	ICD-10-CM
F10.188	Alcohol abuse with other alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.19	Alcohol abuse with unspecified alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.2	Alcohol dependence	Diagnosis	ICD-10-CM
F10.20	Alcohol dependence, uncomplicated	Diagnosis	ICD-10-CM
F10.21	Alcohol dependence, in remission	Diagnosis	ICD-10-CM
F10.22	Alcohol dependence with intoxication	Diagnosis	ICD-10-CM
F10.220	Alcohol dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F10.221	Alcohol dependence with intoxication delirium	Diagnosis	ICD-10-CM
F10.229	Alcohol dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F10.23	Alcohol dependence with withdrawal	Diagnosis	ICD-10-CM
F10.230	Alcohol dependence with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F10.231	Alcohol dependence with withdrawal delirium	Diagnosis	ICD-10-CM
F10.232	Alcohol dependence with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
F10.239	Alcohol dependence with withdrawal, unspecified	Diagnosis	ICD-10-CM
F10.24	Alcohol dependence with alcohol-induced mood disorder	Diagnosis	ICD-10-CM
F10.25	Alcohol dependence with alcohol-induced psychotic disorder	Diagnosis	ICD-10-CM
F10.250	Alcohol dependence with alcohol-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F10.251	Alcohol dependence with alcohol-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F10.259	Alcohol dependence with alcohol-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F10.26	Alcohol dependence with alcohol-induced persisting amnestic disorder	Diagnosis	ICD-10-CM
F10.27	Alcohol dependence with alcohol-induced persisting dementia	Diagnosis	ICD-10-CM
F10.28	Alcohol dependence with other alcohol-induced disorders	Diagnosis	ICD-10-CM
F10.280	Alcohol dependence with alcohol-induced anxiety disorder	Diagnosis	ICD-10-CM
F10.281	Alcohol dependence with alcohol-induced sexual dysfunction	Diagnosis	ICD-10-CM
F10.282	Alcohol dependence with alcohol-induced sleep disorder	Diagnosis	ICD-10-CM
F10.288	Alcohol dependence with other alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.29	Alcohol dependence with unspecified alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.9	Alcohol use, unspecified	Diagnosis	ICD-10-CM
F10.90	Alcohol use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F10.91	Alcohol use, unspecified, in remission	Diagnosis	ICD-10-CM
F10.92	Alcohol use, unspecified with intoxication	Diagnosis	ICD-10-CM
F10.920	Alcohol use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F10.921	Alcohol use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F10.929	Alcohol use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F10.93	Alcohol use, unspecified with withdrawal	Diagnosis	ICD-10-CM
F10.930	Alcohol use, unspecified with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F10.931	Alcohol use, unspecified with withdrawal delirium	Diagnosis	ICD-10-CM
F10.932	Alcohol use, unspecified with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F10.939	Alcohol use, unspecified with withdrawal, unspecified	Diagnosis	ICD-10-CM
F10.94	Alcohol use, unspecified with alcohol-induced mood disorder	Diagnosis	ICD-10-CM
F10.95	Alcohol use, unspecified with alcohol-induced psychotic disorder	Diagnosis	ICD-10-CM
F10.950	Alcohol use, unspecified with alcohol-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F10.951	Alcohol use, unspecified with alcohol-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F10.959	Alcohol use, unspecified with alcohol-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F10.96	Alcohol use, unspecified with alcohol-induced persisting amnestic disorder	Diagnosis	ICD-10-CM
F10.97	Alcohol use, unspecified with alcohol-induced persisting dementia	Diagnosis	ICD-10-CM
F10.98	Alcohol use, unspecified with other alcohol-induced disorders	Diagnosis	ICD-10-CM
F10.980	Alcohol use, unspecified with alcohol-induced anxiety disorder	Diagnosis	ICD-10-CM
F10.981	Alcohol use, unspecified with alcohol-induced sexual dysfunction	Diagnosis	ICD-10-CM
F10.982	Alcohol use, unspecified with alcohol-induced sleep disorder	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
F10.988	Alcohol use, unspecified with other alcohol-induced disorder	Diagnosis	ICD-10-CM
F10.99	Alcohol use, unspecified with unspecified alcohol-induced disorder	Diagnosis	ICD-10-CM
Cannabis-Related Disorder			
F12	Cannabis related disorders	Diagnosis	ICD-10-CM
F12.1	Cannabis abuse	Diagnosis	ICD-10-CM
F12.10	Cannabis abuse, uncomplicated	Diagnosis	ICD-10-CM
F12.11	Cannabis abuse, in remission	Diagnosis	ICD-10-CM
F12.12	Cannabis abuse with intoxication	Diagnosis	ICD-10-CM
F12.120	Cannabis abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F12.121	Cannabis abuse with intoxication delirium	Diagnosis	ICD-10-CM
F12.122	Cannabis abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F12.129	Cannabis abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F12.13	Cannabis abuse with withdrawal	Diagnosis	ICD-10-CM
F12.15	Cannabis abuse with psychotic disorder	Diagnosis	ICD-10-CM
F12.150	Cannabis abuse with psychotic disorder with delusions	Diagnosis	ICD-10-CM
F12.151	Cannabis abuse with psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F12.159	Cannabis abuse with psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F12.18	Cannabis abuse with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.180	Cannabis abuse with cannabis-induced anxiety disorder	Diagnosis	ICD-10-CM
F12.188	Cannabis abuse with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.19	Cannabis abuse with unspecified cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.2	Cannabis dependence	Diagnosis	ICD-10-CM
F12.20	Cannabis dependence, uncomplicated	Diagnosis	ICD-10-CM
F12.21	Cannabis dependence, in remission	Diagnosis	ICD-10-CM
F12.22	Cannabis dependence with intoxication	Diagnosis	ICD-10-CM
F12.220	Cannabis dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F12.221	Cannabis dependence with intoxication delirium	Diagnosis	ICD-10-CM
F12.222	Cannabis dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F12.229	Cannabis dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F12.23	Cannabis dependence with withdrawal	Diagnosis	ICD-10-CM
F12.25	Cannabis dependence with psychotic disorder	Diagnosis	ICD-10-CM
F12.250	Cannabis dependence with psychotic disorder with delusions	Diagnosis	ICD-10-CM
F12.251	Cannabis dependence with psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F12.259	Cannabis dependence with psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F12.28	Cannabis dependence with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.280	Cannabis dependence with cannabis-induced anxiety disorder	Diagnosis	ICD-10-CM
F12.288	Cannabis dependence with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.29	Cannabis dependence with unspecified cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.9	Cannabis use, unspecified	Diagnosis	ICD-10-CM
F12.90	Cannabis use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F12.91	Cannabis use, unspecified, in remission	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
F12.92	Cannabis use, unspecified with intoxication	Diagnosis	ICD-10-CM
F12.920	Cannabis use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F12.921	Cannabis use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F12.922	Cannabis use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F12.929	Cannabis use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F12.93	Cannabis use, unspecified with withdrawal	Diagnosis	ICD-10-CM
F12.95	Cannabis use, unspecified with psychotic disorder	Diagnosis	ICD-10-CM
F12.950	Cannabis use, unspecified with psychotic disorder with delusions	Diagnosis	ICD-10-CM
F12.951	Cannabis use, unspecified with psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F12.959	Cannabis use, unspecified with psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F12.98	Cannabis use, unspecified with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.980	Cannabis use, unspecified with anxiety disorder	Diagnosis	ICD-10-CM
F12.988	Cannabis use, unspecified with other cannabis-induced disorder	Diagnosis	ICD-10-CM
F12.99	Cannabis use, unspecified with unspecified cannabis-induced disorder	Diagnosis	ICD-10-CM
Cocaine-Related Disorder			
F14	Cocaine related disorders	Diagnosis	ICD-10-CM
F14.1	Cocaine abuse	Diagnosis	ICD-10-CM
F14.10	Cocaine abuse, uncomplicated	Diagnosis	ICD-10-CM
F14.11	Cocaine abuse, in remission	Diagnosis	ICD-10-CM
F14.12	Cocaine abuse with intoxication	Diagnosis	ICD-10-CM
F14.120	Cocaine abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F14.121	Cocaine abuse with intoxication with delirium	Diagnosis	ICD-10-CM
F14.122	Cocaine abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F14.129	Cocaine abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F14.13	Cocaine abuse, unspecified with withdrawal	Diagnosis	ICD-10-CM
F14.14	Cocaine abuse with cocaine-induced mood disorder	Diagnosis	ICD-10-CM
F14.15	Cocaine abuse with cocaine-induced psychotic disorder	Diagnosis	ICD-10-CM
F14.150	Cocaine abuse with cocaine-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F14.151	Cocaine abuse with cocaine-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F14.159	Cocaine abuse with cocaine-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F14.18	Cocaine abuse with other cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.180	Cocaine abuse with cocaine-induced anxiety disorder	Diagnosis	ICD-10-CM
F14.181	Cocaine abuse with cocaine-induced sexual dysfunction	Diagnosis	ICD-10-CM
F14.182	Cocaine abuse with cocaine-induced sleep disorder	Diagnosis	ICD-10-CM
F14.188	Cocaine abuse with other cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.19	Cocaine abuse with unspecified cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.2	Cocaine dependence	Diagnosis	ICD-10-CM
F14.20	Cocaine dependence, uncomplicated	Diagnosis	ICD-10-CM
F14.21	Cocaine dependence, in remission	Diagnosis	ICD-10-CM
F14.22	Cocaine dependence with intoxication	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
F14.220	Cocaine dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F14.221	Cocaine dependence with intoxication delirium	Diagnosis	ICD-10-CM
F14.222	Cocaine dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F14.229	Cocaine dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F14.23	Cocaine dependence with withdrawal	Diagnosis	ICD-10-CM
F14.24	Cocaine dependence with cocaine-induced mood disorder	Diagnosis	ICD-10-CM
F14.25	Cocaine dependence with cocaine-induced psychotic disorder	Diagnosis	ICD-10-CM
F14.250	Cocaine dependence with cocaine-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F14.251	Cocaine dependence with cocaine-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F14.259	Cocaine dependence with cocaine-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F14.28	Cocaine dependence with other cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.280	Cocaine dependence with cocaine-induced anxiety disorder	Diagnosis	ICD-10-CM
F14.281	Cocaine dependence with cocaine-induced sexual dysfunction	Diagnosis	ICD-10-CM
F14.282	Cocaine dependence with cocaine-induced sleep disorder	Diagnosis	ICD-10-CM
F14.288	Cocaine dependence with other cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.29	Cocaine dependence with unspecified cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.9	Cocaine use, unspecified	Diagnosis	ICD-10-CM
F14.90	Cocaine use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F14.91	Cocaine use, unspecified, in remission	Diagnosis	ICD-10-CM
F14.92	Cocaine use, unspecified with intoxication	Diagnosis	ICD-10-CM
F14.920	Cocaine use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F14.921	Cocaine use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F14.922	Cocaine use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F14.929	Cocaine use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F14.93	Cocaine use, unspecified with withdrawal	Diagnosis	ICD-10-CM
F14.94	Cocaine use, unspecified with cocaine-induced mood disorder	Diagnosis	ICD-10-CM
F14.95	Cocaine use, unspecified with cocaine-induced psychotic disorder	Diagnosis	ICD-10-CM
F14.950	Cocaine use, unspecified with cocaine-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F14.951	Cocaine use, unspecified with cocaine-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F14.959	Cocaine use, unspecified with cocaine-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F14.98	Cocaine use, unspecified with other specified cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.980	Cocaine use, unspecified with cocaine-induced anxiety disorder	Diagnosis	ICD-10-CM
F14.981	Cocaine use, unspecified with cocaine-induced sexual dysfunction	Diagnosis	ICD-10-CM
F14.982	Cocaine use, unspecified with cocaine-induced sleep disorder	Diagnosis	ICD-10-CM
F14.988	Cocaine use, unspecified with other cocaine-induced disorder	Diagnosis	ICD-10-CM
F14.99	Cocaine use, unspecified with unspecified cocaine-induced disorder	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
Opioid-Related Disorder			
F11.10	Opioid abuse, uncomplicated	Diagnosis	ICD-10-CM
F11.120	Opioid abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F11.121	Opioid abuse with intoxication delirium	Diagnosis	ICD-10-CM
F11.122	Opioid abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F11.129	Opioid abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F11.13	Opioid abuse with withdrawal	Diagnosis	ICD-10-CM
F11.14	Opioid abuse with opioid-induced mood disorder	Diagnosis	ICD-10-CM
F11.150	Opioid abuse with opioid-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F11.151	Opioid abuse with opioid-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F11.159	Opioid abuse with opioid-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F11.181	Opioid abuse with opioid-induced sexual dysfunction	Diagnosis	ICD-10-CM
F11.182	Opioid abuse with opioid-induced sleep disorder	Diagnosis	ICD-10-CM
F11.188	Opioid abuse with other opioid-induced disorder	Diagnosis	ICD-10-CM
F11.19	Opioid abuse with unspecified opioid-induced disorder	Diagnosis	ICD-10-CM
F11.20	Opioid dependence, uncomplicated	Diagnosis	ICD-10-CM
F11.220	Opioid dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F11.221	Opioid dependence with intoxication delirium	Diagnosis	ICD-10-CM
F11.222	Opioid dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F11.229	Opioid dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F11.23	Opioid dependence with withdrawal	Diagnosis	ICD-10-CM
F11.24	Opioid dependence with opioid-induced mood disorder	Diagnosis	ICD-10-CM
F11.250	Opioid dependence with opioid-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F11.251	Opioid dependence with opioid-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F11.259	Opioid dependence with opioid-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F11.281	Opioid dependence with opioid-induced sexual dysfunction	Diagnosis	ICD-10-CM
F11.282	Opioid dependence with opioid-induced sleep disorder	Diagnosis	ICD-10-CM
F11.288	Opioid dependence with other opioid-induced disorder	Diagnosis	ICD-10-CM
F11.29	Opioid dependence with unspecified opioid-induced disorder	Diagnosis	ICD-10-CM
F11.90	Opioid use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F11.920	Opioid use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F11.921	Opioid use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F11.922	Opioid use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F11.929	Opioid use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F11.93	Opioid use, unspecified with withdrawal	Diagnosis	ICD-10-CM
F11.94	Opioid use, unspecified with opioid-induced mood disorder	Diagnosis	ICD-10-CM
F11.950	Opioid use, unspecified with opioid-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F11.951	Opioid use, unspecified with opioid-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
F11.959	Opioid use, unspecified with opioid-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F11.981	Opioid use, unspecified with opioid-induced sexual dysfunction	Diagnosis	ICD-10-CM
F11.982	Opioid use, unspecified with opioid-induced sleep disorder	Diagnosis	ICD-10-CM
F11.988	Opioid use, unspecified with other opioid-induced disorder	Diagnosis	ICD-10-CM
F11.99	Opioid use, unspecified with unspecified opioid-induced disorder	Diagnosis	ICD-10-CM
G2067	Medication assisted treatment, methadone; weekly bundle including dispensing and/or administration, substance use counseling, individual and group therapy, and toxicology testing, if performed (provision of the services by a Medicare-enrolled opioid treatment program)	Procedure	HCPCS
G2068	Medication assisted treatment, buprenorphine (oral); weekly bundle including dispensing and/or administration, substance use counseling, individual and group therapy, and toxicology testing if performed (provision of the services by a Medicare-enrolled opioid treatment program)	Procedure	HCPCS
G2069	Medication assisted treatment, buprenorphine (injectable); weekly bundle including dispensing and/or administration, substance use counseling, individual and group therapy, and toxicology testing if performed (provision of the services by a Medicare-enrolled opioid treatment program)	Procedure	HCPCS
G2070	Medication assisted treatment, buprenorphine (implant insertion); weekly bundle including dispensing and/or administration, substance use counseling, individual and group therapy, and toxicology testing if performed (provision of the services by a Medicare-enrolled opioid treatment program)	Procedure	HCPCS
G2071	Medication assisted treatment, buprenorphine (implant removal); weekly bundle including dispensing and/or administration, substance use counseling, individual and group therapy, and toxicology testing if performed (provision of the services by a Medicare-enrolled opioid treatment program)	Procedure	HCPCS
G2072	Medication assisted treatment, buprenorphine (implant insertion and removal); weekly bundle including dispensing and/or administration, substance use counseling, individual and group therapy, and toxicology testing if performed (provision of the services by a Medicare-enrolled opioid treatment program)	Procedure	HCPCS
G2073	Medication assisted treatment, naltrexone; weekly bundle including dispensing and/or administration, substance use counseling, individual and group therapy, and toxicology testing if performed (provision of the services by a Medicare-enrolled opioid treatment program)	Procedure	HCPCS
G2078	Take home supply of methadone; up to 7 additional day supply (provision of the services by a Medicare-enrolled opioid treatment program); list separately in addition to code for primary procedure	Procedure	HCPCS
G2079	Take home supply of buprenorphine (oral); up to 7 additional day supply (provision of the services by a Medicare-enrolled opioid treatment program); list separately in addition to code for primary procedure	Procedure	HCPCS
H0020	Alcohol and/or drug services; methadone administration and/or service (provision of the drug by a licensed program)	Procedure	HCPCS

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
HZ81ZZZ	Medication Management for Substance Abuse Treatment, Methadone Maintenance	Procedure	ICD-10-PCS
HZ84ZZZ	Medication Management for Substance Abuse Treatment, Naltrexone	Procedure	ICD-10-PCS
HZ85ZZZ	Medication Management for Substance Abuse Treatment, Naloxone	Procedure	ICD-10-PCS
HZ86ZZZ	Medication Management for Substance Abuse Treatment, Clonidine	Procedure	ICD-10-PCS
HZ91ZZZ	Pharmacotherapy for Substance Abuse Treatment, Methadone Maintenance	Procedure	ICD-10-PCS
HZ94ZZZ	Pharmacotherapy for Substance Abuse Treatment, Naltrexone	Procedure	ICD-10-PCS
HZ95ZZZ	Pharmacotherapy for Substance Abuse Treatment, Naloxone	Procedure	ICD-10-PCS
HZ96ZZZ	Pharmacotherapy for Substance Abuse Treatment, Clonidine	Procedure	ICD-10-PCS
J0571	Buprenorphine, oral, 1 mg	Procedure	HCPCS
J0572	Buprenorphine/naloxone, oral, less than or equal to 3 mg buprenorphine	Procedure	HCPCS
J0573	Buprenorphine/naloxone, oral, greater than 3 mg, but less than or equal to 6 mg buprenorphine	Procedure	HCPCS
J0574	Buprenorphine/naloxone, oral, greater than 6 mg, but less than or equal to 10 mg buprenorphine	Procedure	HCPCS
J0575	Buprenorphine/naloxone, oral, greater than 10 mg buprenorphine	Procedure	HCPCS
J0592	Injection, buprenorphine HCl, 0.1 mg	Procedure	HCPCS
J1230	Injection, methadone HCl, up to 10 mg	Procedure	HCPCS
J1231S	Injection, naltrexone, depot form, 1 mg	Procedure	HCPCS
S0109	Methadone, oral, 5 mg	Procedure	HCPCS
T40.0X1A	Poisoning by opium, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.0X1D	Poisoning by opium, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.0X1S	Poisoning by opium, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.0X2A	Poisoning by opium, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.0X2D	Poisoning by opium, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.0X2S	Poisoning by opium, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.0X3A	Poisoning by opium, assault, initial encounter	Diagnosis	ICD-10-CM
T40.0X3D	Poisoning by opium, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.0X3S	Poisoning by opium, assault, sequela	Diagnosis	ICD-10-CM
T40.0X4A	Poisoning by opium, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.0X4D	Poisoning by opium, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.0X4S	Poisoning by opium, undetermined, sequela	Diagnosis	ICD-10-CM
T40.0X5A	Adverse effect of opium, initial encounter	Diagnosis	ICD-10-CM
T40.0X5D	Adverse effect of opium, subsequent encounter	Diagnosis	ICD-10-CM
T40.0X5S	Adverse effect of opium, sequela	Diagnosis	ICD-10-CM
T40.1X1A	Poisoning by heroin, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.1X1D	Poisoning by heroin, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.1X1S	Poisoning by heroin, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.1X2A	Poisoning by heroin, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.1X2D	Poisoning by heroin, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.1X2S	Poisoning by heroin, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.1X3A	Poisoning by heroin, assault, initial encounter	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
T40.1X3D	Poisoning by heroin, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.1X3S	Poisoning by heroin, assault, sequela	Diagnosis	ICD-10-CM
T40.1X4A	Poisoning by heroin, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.1X4D	Poisoning by heroin, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.1X4S	Poisoning by heroin, undetermined, sequela	Diagnosis	ICD-10-CM
T40.2X1A	Poisoning by other opioids, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.2X1D	Poisoning by other opioids, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.2X1S	Poisoning by other opioids, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.2X2A	Poisoning by other opioids, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.2X2D	Poisoning by other opioids, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.2X2S	Poisoning by other opioids, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.2X3A	Poisoning by other opioids, assault, initial encounter	Diagnosis	ICD-10-CM
T40.2X3D	Poisoning by other opioids, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.2X3S	Poisoning by other opioids, assault, sequela	Diagnosis	ICD-10-CM
T40.2X4A	Poisoning by other opioids, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.2X4D	Poisoning by other opioids, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.2X4S	Poisoning by other opioids, undetermined, sequela	Diagnosis	ICD-10-CM
T40.2X5A	Adverse effect of other opioids, initial encounter	Diagnosis	ICD-10-CM
T40.2X5D	Adverse effect of other opioids, subsequent encounter	Diagnosis	ICD-10-CM
T40.2X5S	Adverse effect of other opioids, sequela	Diagnosis	ICD-10-CM
T40.3X1A	Poisoning by methadone, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.3X1D	Poisoning by methadone, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.3X1S	Poisoning by methadone, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.3X2A	Poisoning by methadone, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.3X2D	Poisoning by methadone, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.3X2S	Poisoning by methadone, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.3X3A	Poisoning by methadone, assault, initial encounter	Diagnosis	ICD-10-CM
T40.3X3D	Poisoning by methadone, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.3X3S	Poisoning by methadone, assault, sequela	Diagnosis	ICD-10-CM
T40.3X4A	Poisoning by methadone, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.3X4D	Poisoning by methadone, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.3X4S	Poisoning by methadone, undetermined, sequela	Diagnosis	ICD-10-CM
T40.3X5A	Adverse effect of methadone, initial encounter	Diagnosis	ICD-10-CM
T40.3X5D	Adverse effect of methadone, subsequent encounter	Diagnosis	ICD-10-CM
T40.3X5S	Adverse effect of methadone, sequela	Diagnosis	ICD-10-CM
T40.411A	Poisoning by fentanyl or fentanyl analogs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.411D	Poisoning by fentanyl or fentanyl analogs, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.411S	Poisoning by fentanyl or fentanyl analogs, accidental (unintentional), sequela	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
T40.412A	Poisoning by fentanyl or fentanyl analogs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.412D	Poisoning by fentanyl or fentanyl analogs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.412S	Poisoning by fentanyl or fentanyl analogs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.413A	Poisoning by fentanyl or fentanyl analogs, assault, initial encounter	Diagnosis	ICD-10-CM
T40.413D	Poisoning by fentanyl or fentanyl analogs, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.413S	Poisoning by fentanyl or fentanyl analogs, assault, sequela	Diagnosis	ICD-10-CM
T40.414A	Poisoning by fentanyl or fentanyl analogs, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.414D	Poisoning by fentanyl or fentanyl analogs, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.414S	Poisoning by fentanyl or fentanyl analogs, undetermined, sequela	Diagnosis	ICD-10-CM
T40.415A	Adverse effect of fentanyl or fentanyl analogs, initial encounter	Diagnosis	ICD-10-CM
T40.415D	Adverse effect of fentanyl or fentanyl analogs, subsequent encounter	Diagnosis	ICD-10-CM
T40.415S	Adverse effect of fentanyl or fentanyl analogs, sequela	Diagnosis	ICD-10-CM
T40.421A	Poisoning by tramadol, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.421D	Poisoning by tramadol, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.421S	Poisoning by tramadol, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.422A	Poisoning by tramadol, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.422D	Poisoning by tramadol, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.422S	Poisoning by tramadol, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.423A	Poisoning by tramadol, assault, initial encounter	Diagnosis	ICD-10-CM
T40.423D	Poisoning by tramadol, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.423S	Poisoning by tramadol, assault, sequela	Diagnosis	ICD-10-CM
T40.424A	Poisoning by tramadol, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.424D	Poisoning by tramadol, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.424S	Poisoning by tramadol, undetermined, sequela	Diagnosis	ICD-10-CM
T40.425A	Adverse effect of tramadol, initial encounter	Diagnosis	ICD-10-CM
T40.425D	Adverse effect of tramadol, subsequent encounter	Diagnosis	ICD-10-CM
T40.425S	Adverse effect of tramadol, sequela	Diagnosis	ICD-10-CM
T40.491A	Poisoning by other synthetic narcotics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.491D	Poisoning by other synthetic narcotics, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.491S	Poisoning by other synthetic narcotics, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.492A	Poisoning by other synthetic narcotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.492D	Poisoning by other synthetic narcotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.492S	Poisoning by other synthetic narcotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.493A	Poisoning by other synthetic narcotics, assault, initial encounter	Diagnosis	ICD-10-CM
T40.493D	Poisoning by other synthetic narcotics, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.493S	Poisoning by other synthetic narcotics, assault, sequela	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
T40.494A	Poisoning by other synthetic narcotics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.494D	Poisoning by other synthetic narcotics, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.494S	Poisoning by other synthetic narcotics, undetermined, sequela	Diagnosis	ICD-10-CM
T40.495A	Adverse effect of other synthetic narcotics, initial encounter	Diagnosis	ICD-10-CM
T40.495D	Adverse effect of other synthetic narcotics, subsequent encounter	Diagnosis	ICD-10-CM
T40.495S	Adverse effect of other synthetic narcotics, sequela	Diagnosis	ICD-10-CM
T40.4X1A	Poisoning by other synthetic narcotics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.4X1D	Poisoning by other synthetic narcotics, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.4X1S	Poisoning by other synthetic narcotics, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.4X2A	Poisoning by other synthetic narcotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.4X2D	Poisoning by other synthetic narcotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.4X2S	Poisoning by other synthetic narcotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.4X3A	Poisoning by other synthetic narcotics, assault, initial encounter	Diagnosis	ICD-10-CM
T40.4X3D	Poisoning by other synthetic narcotics, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.4X3S	Poisoning by other synthetic narcotics, assault, sequela	Diagnosis	ICD-10-CM
T40.4X4A	Poisoning by other synthetic narcotics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.4X4D	Poisoning by other synthetic narcotics, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.4X4S	Poisoning by other synthetic narcotics, undetermined, sequela	Diagnosis	ICD-10-CM
T40.4X5A	Adverse effect of other synthetic narcotics, initial encounter	Diagnosis	ICD-10-CM
T40.4X5D	Adverse effect of other synthetic narcotics, subsequent encounter	Diagnosis	ICD-10-CM
T40.4X5S	Adverse effect of other synthetic narcotics, sequela	Diagnosis	ICD-10-CM
T40.601A	Poisoning by unspecified narcotics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.601D	Poisoning by unspecified narcotics, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.601S	Poisoning by unspecified narcotics, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.602A	Poisoning by unspecified narcotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.602D	Poisoning by unspecified narcotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.602S	Poisoning by unspecified narcotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.603A	Poisoning by unspecified narcotics, assault, initial encounter	Diagnosis	ICD-10-CM
T40.603D	Poisoning by unspecified narcotics, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.603S	Poisoning by unspecified narcotics, assault, sequela	Diagnosis	ICD-10-CM
T40.604A	Poisoning by unspecified narcotics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.604D	Poisoning by unspecified narcotics, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.604S	Poisoning by unspecified narcotics, undetermined, sequela	Diagnosis	ICD-10-CM
T40.605A	Adverse effect of unspecified narcotics, initial encounter	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
T40.605D	Adverse effect of unspecified narcotics, subsequent encounter	Diagnosis	ICD-10-CM
T40.605S	Adverse effect of unspecified narcotics, sequela	Diagnosis	ICD-10-CM
T40.691A	Poisoning by other narcotics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.691D	Poisoning by other narcotics, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.691S	Poisoning by other narcotics, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.692A	Poisoning by other narcotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.692D	Poisoning by other narcotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.692S	Poisoning by other narcotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.693A	Poisoning by other narcotics, assault, initial encounter	Diagnosis	ICD-10-CM
T40.693D	Poisoning by other narcotics, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.693S	Poisoning by other narcotics, assault, sequela	Diagnosis	ICD-10-CM
T40.694A	Poisoning by other narcotics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.694D	Poisoning by other narcotics, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.694S	Poisoning by other narcotics, undetermined, sequela	Diagnosis	ICD-10-CM
T40.695A	Adverse effect of other narcotics, initial encounter	Diagnosis	ICD-10-CM
T40.695D	Adverse effect of other narcotics, subsequent encounter	Diagnosis	ICD-10-CM
T40.695S	Adverse effect of other narcotics, sequela	Diagnosis	ICD-10-CM
Other Drug-Related Disorders			
F13.10	Sedative, hypnotic or anxiolytic abuse, uncomplicated	Diagnosis	ICD-10-CM
F13.120	Sedative, hypnotic or anxiolytic abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F13.121	Sedative, hypnotic or anxiolytic abuse with intoxication delirium	Diagnosis	ICD-10-CM
F13.129	Sedative, hypnotic or anxiolytic abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F13.130	Sedative, hypnotic or anxiolytic abuse with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F13.131	Sedative, hypnotic or anxiolytic abuse with withdrawal delirium	Diagnosis	ICD-10-CM
F13.132	Sedative, hypnotic or anxiolytic abuse with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F13.139	Sedative, hypnotic or anxiolytic abuse with withdrawal, unspecified	Diagnosis	ICD-10-CM
F13.14	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced mood disorder	Diagnosis	ICD-10-CM
F13.150	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F13.151	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F13.159	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F13.180	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced anxiety disorder	Diagnosis	ICD-10-CM
F13.181	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced sexual dysfunction	Diagnosis	ICD-10-CM
F13.182	Sedative, hypnotic or anxiolytic abuse with sedative, hypnotic or anxiolytic-induced sleep disorder	Diagnosis	ICD-10-CM
F13.188	Sedative, hypnotic or anxiolytic abuse with other sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
F13.19	Sedative, hypnotic or anxiolytic abuse with unspecified sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
F13.20	Sedative, hypnotic or anxiolytic dependence, uncomplicated	Diagnosis	ICD-10-CM
F13.220	Sedative, hypnotic or anxiolytic dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F13.221	Sedative, hypnotic or anxiolytic dependence with intoxication delirium	Diagnosis	ICD-10-CM
F13.229	Sedative, hypnotic or anxiolytic dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F13.230	Sedative, hypnotic or anxiolytic dependence with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F13.231	Sedative, hypnotic or anxiolytic dependence with withdrawal delirium	Diagnosis	ICD-10-CM
F13.232	Sedative, hypnotic or anxiolytic dependence with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F13.239	Sedative, hypnotic or anxiolytic dependence with withdrawal, unspecified	Diagnosis	ICD-10-CM
F13.24	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced mood disorder	Diagnosis	ICD-10-CM
F13.250	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F13.251	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F13.259	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F13.26	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced persisting amnesic disorder	Diagnosis	ICD-10-CM
F13.27	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced persisting dementia	Diagnosis	ICD-10-CM
F13.280	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced anxiety disorder	Diagnosis	ICD-10-CM
F13.281	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced sexual dysfunction	Diagnosis	ICD-10-CM
F13.282	Sedative, hypnotic or anxiolytic dependence with sedative, hypnotic or anxiolytic-induced sleep disorder	Diagnosis	ICD-10-CM
F13.288	Sedative, hypnotic or anxiolytic dependence with other sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
F13.29	Sedative, hypnotic or anxiolytic dependence with unspecified sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
F13.90	Sedative, hypnotic, or anxiolytic use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F13.920	Sedative, hypnotic or anxiolytic use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F13.921	Sedative, hypnotic or anxiolytic use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F13.929	Sedative, hypnotic or anxiolytic use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F13.930	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F13.931	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal delirium	Diagnosis	ICD-10-CM
F13.932	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal with perceptual disturbances	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
F13.939	Sedative, hypnotic or anxiolytic use, unspecified with withdrawal, unspecified	Diagnosis	ICD-10-CM
F13.94	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced mood disorder	Diagnosis	ICD-10-CM
F13.950	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F13.951	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F13.959	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F13.96	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced persisting amnesic disorder	Diagnosis	ICD-10-CM
F13.97	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced persisting dementia	Diagnosis	ICD-10-CM
F13.980	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced anxiety disorder	Diagnosis	ICD-10-CM
F13.981	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced sexual dysfunction	Diagnosis	ICD-10-CM
F13.982	Sedative, hypnotic or anxiolytic use, unspecified with sedative, hypnotic or anxiolytic-induced sleep disorder	Diagnosis	ICD-10-CM
F13.988	Sedative, hypnotic or anxiolytic use, unspecified with other sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
F13.99	Sedative, hypnotic or anxiolytic use, unspecified with unspecified sedative, hypnotic or anxiolytic-induced disorder	Diagnosis	ICD-10-CM
F15.10	Other stimulant abuse, uncomplicated	Diagnosis	ICD-10-CM
F15.120	Other stimulant abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F15.121	Other stimulant abuse with intoxication delirium	Diagnosis	ICD-10-CM
F15.122	Other stimulant abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F15.129	Other stimulant abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F15.13	Other stimulant abuse with withdrawal	Diagnosis	ICD-10-CM
F15.14	Other stimulant abuse with stimulant-induced mood disorder	Diagnosis	ICD-10-CM
F15.150	Other stimulant abuse with stimulant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F15.151	Other stimulant abuse with stimulant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F15.159	Other stimulant abuse with stimulant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F15.180	Other stimulant abuse with stimulant-induced anxiety disorder	Diagnosis	ICD-10-CM
F15.181	Other stimulant abuse with stimulant-induced sexual dysfunction	Diagnosis	ICD-10-CM
F15.182	Other stimulant abuse with stimulant-induced sleep disorder	Diagnosis	ICD-10-CM
F15.188	Other stimulant abuse with other stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.19	Other stimulant abuse with unspecified stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.20	Other stimulant dependence, uncomplicated	Diagnosis	ICD-10-CM
F15.220	Other stimulant dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F15.221	Other stimulant dependence with intoxication delirium	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
F15.222	Other stimulant dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F15.229	Other stimulant dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F15.23	Other stimulant dependence with withdrawal	Diagnosis	ICD-10-CM
F15.24	Other stimulant dependence with stimulant-induced mood disorder	Diagnosis	ICD-10-CM
F15.250	Other stimulant dependence with stimulant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F15.251	Other stimulant dependence with stimulant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F15.259	Other stimulant dependence with stimulant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F15.280	Other stimulant dependence with stimulant-induced anxiety disorder	Diagnosis	ICD-10-CM
F15.281	Other stimulant dependence with stimulant-induced sexual dysfunction	Diagnosis	ICD-10-CM
F15.282	Other stimulant dependence with stimulant-induced sleep disorder	Diagnosis	ICD-10-CM
F15.288	Other stimulant dependence with other stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.29	Other stimulant dependence with unspecified stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.90	Other stimulant use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F15.920	Other stimulant use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F15.921	Other stimulant use, unspecified with intoxication delirium	Diagnosis	ICD-10-CM
F15.922	Other stimulant use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F15.929	Other stimulant use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F15.93	Other stimulant use, unspecified with withdrawal	Diagnosis	ICD-10-CM
F15.94	Other stimulant use, unspecified with stimulant-induced mood disorder	Diagnosis	ICD-10-CM
F15.950	Other stimulant use, unspecified with stimulant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F15.951	Other stimulant use, unspecified with stimulant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F15.959	Other stimulant use, unspecified with stimulant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F15.980	Other stimulant use, unspecified with stimulant-induced anxiety disorder	Diagnosis	ICD-10-CM
F15.981	Other stimulant use, unspecified with stimulant-induced sexual dysfunction	Diagnosis	ICD-10-CM
F15.982	Other stimulant use, unspecified with stimulant-induced sleep disorder	Diagnosis	ICD-10-CM
F15.988	Other stimulant use, unspecified with other stimulant-induced disorder	Diagnosis	ICD-10-CM
F15.99	Other stimulant use, unspecified with unspecified stimulant-induced disorder	Diagnosis	ICD-10-CM
F16.10	Hallucinogen abuse, uncomplicated	Diagnosis	ICD-10-CM
F16.120	Hallucinogen abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F16.121	Hallucinogen abuse with intoxication with delirium	Diagnosis	ICD-10-CM
F16.122	Hallucinogen abuse with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F16.129	Hallucinogen abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F16.14	Hallucinogen abuse with hallucinogen-induced mood disorder	Diagnosis	ICD-10-CM
F16.150	Hallucinogen abuse with hallucinogen-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
F16.151	Hallucinogen abuse with hallucinogen-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F16.159	Hallucinogen abuse with hallucinogen-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F16.180	Hallucinogen abuse with hallucinogen-induced anxiety disorder	Diagnosis	ICD-10-CM
F16.183	Hallucinogen abuse with hallucinogen persisting perception disorder (flashbacks)	Diagnosis	ICD-10-CM
F16.188	Hallucinogen abuse with other hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.19	Hallucinogen abuse with unspecified hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.20	Hallucinogen dependence, uncomplicated	Diagnosis	ICD-10-CM
F16.220	Hallucinogen dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F16.221	Hallucinogen dependence with intoxication with delirium	Diagnosis	ICD-10-CM
F16.229	Hallucinogen dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F16.24	Hallucinogen dependence with hallucinogen-induced mood disorder	Diagnosis	ICD-10-CM
F16.250	Hallucinogen dependence with hallucinogen-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F16.251	Hallucinogen dependence with hallucinogen-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F16.259	Hallucinogen dependence with hallucinogen-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F16.280	Hallucinogen dependence with hallucinogen-induced anxiety disorder	Diagnosis	ICD-10-CM
F16.283	Hallucinogen dependence with hallucinogen persisting perception disorder (flashbacks)	Diagnosis	ICD-10-CM
F16.288	Hallucinogen dependence with other hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.29	Hallucinogen dependence with unspecified hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.90	Hallucinogen use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F16.920	Hallucinogen use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F16.921	Hallucinogen use, unspecified with intoxication with delirium	Diagnosis	ICD-10-CM
F16.929	Hallucinogen use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F16.94	Hallucinogen use, unspecified with hallucinogen-induced mood disorder	Diagnosis	ICD-10-CM
F16.950	Hallucinogen use, unspecified with hallucinogen-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F16.951	Hallucinogen use, unspecified with hallucinogen-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F16.959	Hallucinogen use, unspecified with hallucinogen-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F16.980	Hallucinogen use, unspecified with hallucinogen-induced anxiety disorder	Diagnosis	ICD-10-CM
F16.983	Hallucinogen use, unspecified with hallucinogen persisting perception disorder (flashbacks)	Diagnosis	ICD-10-CM
F16.988	Hallucinogen use, unspecified with other hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F16.99	Hallucinogen use, unspecified with unspecified hallucinogen-induced disorder	Diagnosis	ICD-10-CM
F18.10	Inhalant abuse, uncomplicated	Diagnosis	ICD-10-CM
F18.120	Inhalant abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
F18.121	Inhalant abuse with intoxication delirium	Diagnosis	ICD-10-CM
F18.129	Inhalant abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F18.14	Inhalant abuse with inhalant-induced mood disorder	Diagnosis	ICD-10-CM
F18.150	Inhalant abuse with inhalant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F18.151	Inhalant abuse with inhalant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F18.159	Inhalant abuse with inhalant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F18.17	Inhalant abuse with inhalant-induced dementia	Diagnosis	ICD-10-CM
F18.180	Inhalant abuse with inhalant-induced anxiety disorder	Diagnosis	ICD-10-CM
F18.188	Inhalant abuse with other inhalant-induced disorder	Diagnosis	ICD-10-CM
F18.19	Inhalant abuse with unspecified inhalant-induced disorder	Diagnosis	ICD-10-CM
F18.20	Inhalant dependence, uncomplicated	Diagnosis	ICD-10-CM
F18.220	Inhalant dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F18.221	Inhalant dependence with intoxication delirium	Diagnosis	ICD-10-CM
F18.229	Inhalant dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F18.24	Inhalant dependence with inhalant-induced mood disorder	Diagnosis	ICD-10-CM
F18.250	Inhalant dependence with inhalant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F18.251	Inhalant dependence with inhalant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F18.259	Inhalant dependence with inhalant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F18.27	Inhalant dependence with inhalant-induced dementia	Diagnosis	ICD-10-CM
F18.280	Inhalant dependence with inhalant-induced anxiety disorder	Diagnosis	ICD-10-CM
F18.288	Inhalant dependence with other inhalant-induced disorder	Diagnosis	ICD-10-CM
F18.29	Inhalant dependence with unspecified inhalant-induced disorder	Diagnosis	ICD-10-CM
F18.90	Inhalant use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F18.920	Inhalant use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F18.921	Inhalant use, unspecified with intoxication with delirium	Diagnosis	ICD-10-CM
F18.929	Inhalant use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F18.94	Inhalant use, unspecified with inhalant-induced mood disorder	Diagnosis	ICD-10-CM
F18.950	Inhalant use, unspecified with inhalant-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F18.951	Inhalant use, unspecified with inhalant-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F18.959	Inhalant use, unspecified with inhalant-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F18.97	Inhalant use, unspecified with inhalant-induced persisting dementia	Diagnosis	ICD-10-CM
F18.980	Inhalant use, unspecified with inhalant-induced anxiety disorder	Diagnosis	ICD-10-CM
F18.988	Inhalant use, unspecified with other inhalant-induced disorder	Diagnosis	ICD-10-CM
F18.99	Inhalant use, unspecified with unspecified inhalant-induced disorder	Diagnosis	ICD-10-CM
F19.10	Other psychoactive substance abuse, uncomplicated	Diagnosis	ICD-10-CM
F19.120	Other psychoactive substance abuse with intoxication, uncomplicated	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
F19.121	Other psychoactive substance abuse with intoxication delirium	Diagnosis	ICD-10-CM
F19.122	Other psychoactive substance abuse with intoxication with perceptual disturbances	Diagnosis	ICD-10-CM
F19.129	Other psychoactive substance abuse with intoxication, unspecified	Diagnosis	ICD-10-CM
F19.130	Other psychoactive substance abuse with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F19.131	Other psychoactive substance abuse with withdrawal delirium	Diagnosis	ICD-10-CM
F19.132	Other psychoactive substance abuse with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F19.139	Other psychoactive substance abuse with withdrawal, unspecified	Diagnosis	ICD-10-CM
F19.14	Other psychoactive substance abuse with psychoactive substance-induced mood disorder	Diagnosis	ICD-10-CM
F19.150	Other psychoactive substance abuse with psychoactive substance-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F19.151	Other psychoactive substance abuse with psychoactive substance-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F19.159	Other psychoactive substance abuse with psychoactive substance-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F19.16	Other psychoactive substance abuse with psychoactive substance-induced persisting amnesic disorder	Diagnosis	ICD-10-CM
F19.17	Other psychoactive substance abuse with psychoactive substance-induced persisting dementia	Diagnosis	ICD-10-CM
F19.180	Other psychoactive substance abuse with psychoactive substance-induced anxiety disorder	Diagnosis	ICD-10-CM
F19.181	Other psychoactive substance abuse with psychoactive substance-induced sexual dysfunction	Diagnosis	ICD-10-CM
F19.182	Other psychoactive substance abuse with psychoactive substance-induced sleep disorder	Diagnosis	ICD-10-CM
F19.188	Other psychoactive substance abuse with other psychoactive substance-induced disorder	Diagnosis	ICD-10-CM
F19.19	Other psychoactive substance abuse with unspecified psychoactive substance-induced disorder	Diagnosis	ICD-10-CM
F19.20	Other psychoactive substance dependence, uncomplicated	Diagnosis	ICD-10-CM
F19.220	Other psychoactive substance dependence with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F19.221	Other psychoactive substance dependence with intoxication delirium	Diagnosis	ICD-10-CM
F19.222	Other psychoactive substance dependence with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F19.229	Other psychoactive substance dependence with intoxication, unspecified	Diagnosis	ICD-10-CM
F19.230	Other psychoactive substance dependence with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F19.231	Other psychoactive substance dependence with withdrawal delirium	Diagnosis	ICD-10-CM
F19.232	Other psychoactive substance dependence with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F19.239	Other psychoactive substance dependence with withdrawal, unspecified	Diagnosis	ICD-10-CM
F19.24	Other psychoactive substance dependence with psychoactive substance-induced mood disorder	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
F19.250	Other psychoactive substance dependence with psychoactive substance-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F19.251	Other psychoactive substance dependence with psychoactive substance-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F19.259	Other psychoactive substance dependence with psychoactive substance-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F19.26	Other psychoactive substance dependence with psychoactive substance-induced persisting amnestic disorder	Diagnosis	ICD-10-CM
F19.27	Other psychoactive substance dependence with psychoactive substance-induced persisting dementia	Diagnosis	ICD-10-CM
F19.280	Other psychoactive substance dependence with psychoactive substance-induced anxiety disorder	Diagnosis	ICD-10-CM
F19.281	Other psychoactive substance dependence with psychoactive substance-induced sexual dysfunction	Diagnosis	ICD-10-CM
F19.282	Other psychoactive substance dependence with psychoactive substance-induced sleep disorder	Diagnosis	ICD-10-CM
F19.288	Other psychoactive substance dependence with other psychoactive substance-induced disorder	Diagnosis	ICD-10-CM
F19.29	Other psychoactive substance dependence with unspecified psychoactive substance-induced disorder	Diagnosis	ICD-10-CM
F19.90	Other psychoactive substance use, unspecified, uncomplicated	Diagnosis	ICD-10-CM
F19.920	Other psychoactive substance use, unspecified with intoxication, uncomplicated	Diagnosis	ICD-10-CM
F19.921	Other psychoactive substance use, unspecified with intoxication with delirium	Diagnosis	ICD-10-CM
F19.922	Other psychoactive substance use, unspecified with intoxication with perceptual disturbance	Diagnosis	ICD-10-CM
F19.929	Other psychoactive substance use, unspecified with intoxication, unspecified	Diagnosis	ICD-10-CM
F19.930	Other psychoactive substance use, unspecified with withdrawal, uncomplicated	Diagnosis	ICD-10-CM
F19.931	Other psychoactive substance use, unspecified with withdrawal delirium	Diagnosis	ICD-10-CM
F19.932	Other psychoactive substance use, unspecified with withdrawal with perceptual disturbance	Diagnosis	ICD-10-CM
F19.939	Other psychoactive substance use, unspecified with withdrawal, unspecified	Diagnosis	ICD-10-CM
F19.94	Other psychoactive substance use, unspecified with psychoactive substance-induced mood disorder	Diagnosis	ICD-10-CM
F19.950	Other psychoactive substance use, unspecified with psychoactive substance-induced psychotic disorder with delusions	Diagnosis	ICD-10-CM
F19.951	Other psychoactive substance use, unspecified with psychoactive substance-induced psychotic disorder with hallucinations	Diagnosis	ICD-10-CM
F19.959	Other psychoactive substance use, unspecified with psychoactive substance-induced psychotic disorder, unspecified	Diagnosis	ICD-10-CM
F19.96	Other psychoactive substance use, unspecified with psychoactive substance-induced persisting amnestic disorder	Diagnosis	ICD-10-CM
F19.97	Other psychoactive substance use, unspecified with psychoactive substance-induced persisting dementia	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
F19.980	Other psychoactive substance use, unspecified with psychoactive substance-induced anxiety disorder	Diagnosis	ICD-10-CM
F19.981	Other psychoactive substance use, unspecified with psychoactive substance-induced sexual dysfunction	Diagnosis	ICD-10-CM
F19.982	Other psychoactive substance use, unspecified with psychoactive substance-induced sleep disorder	Diagnosis	ICD-10-CM
F19.988	Other psychoactive substance use, unspecified with other psychoactive substance-induced disorder	Diagnosis	ICD-10-CM
F19.99	Other psychoactive substance use, unspecified with unspecified psychoactive substance-induced disorder	Diagnosis	ICD-10-CM
F55.0	Abuse of antacids	Diagnosis	ICD-10-CM
F55.1	Abuse of herbal or folk remedies	Diagnosis	ICD-10-CM
F55.2	Abuse of laxatives	Diagnosis	ICD-10-CM
F55.3	Abuse of steroids or hormones	Diagnosis	ICD-10-CM
F55.4	Abuse of vitamins	Diagnosis	ICD-10-CM
F55.8	Abuse of other non-psychoactive substances	Diagnosis	ICD-10-CM
HZ2ZZZZ	Detoxification Services for Substance Abuse Treatment	Procedure	ICD-10-PCS
HZ30ZZZ	Individual Counseling for Substance Abuse Treatment, Cognitive	Procedure	ICD-10-PCS
HZ31ZZZ	Individual Counseling for Substance Abuse Treatment, Behavioral	Procedure	ICD-10-PCS
HZ32ZZZ	Individual Counseling for Substance Abuse Treatment, Cognitive-Behavioral	Procedure	ICD-10-PCS
HZ33ZZZ	Individual Counseling for Substance Abuse Treatment, 12-Step	Procedure	ICD-10-PCS
HZ34ZZZ	Individual Counseling for Substance Abuse Treatment, Interpersonal	Procedure	ICD-10-PCS
HZ35ZZZ	Individual Counseling for Substance Abuse Treatment, Vocational	Procedure	ICD-10-PCS
HZ36ZZZ	Individual Counseling for Substance Abuse Treatment, Psychoeducation	Procedure	ICD-10-PCS
HZ37ZZZ	Individual Counseling for Substance Abuse Treatment, Motivational Enhancement	Procedure	ICD-10-PCS
HZ38ZZZ	Individual Counseling for Substance Abuse Treatment, Confrontational	Procedure	ICD-10-PCS
HZ39ZZZ	Individual Counseling for Substance Abuse Treatment, Continuing Care	Procedure	ICD-10-PCS
HZ3BZZZ	Individual Counseling for Substance Abuse Treatment, Spiritual	Procedure	ICD-10-PCS
HZ40ZZZ	Group Counseling for Substance Abuse Treatment, Cognitive	Procedure	ICD-10-PCS
HZ93ZZZ	Pharmacotherapy for Substance Abuse Treatment, Antabuse	Procedure	ICD-10-PCS
O35.5XX0	Maternal care for (suspected) damage to fetus by drugs, not applicable or unspecified	Diagnosis	ICD-10-CM
O35.5XX1	Maternal care for (suspected) damage to fetus by drugs, fetus 1	Diagnosis	ICD-10-CM
O35.5XX2	Maternal care for (suspected) damage to fetus by drugs, fetus 2	Diagnosis	ICD-10-CM
O35.5XX3	Maternal care for (suspected) damage to fetus by drugs, fetus 3	Diagnosis	ICD-10-CM
O35.5XX4	Maternal care for (suspected) damage to fetus by drugs, fetus 4	Diagnosis	ICD-10-CM
O35.5XX5	Maternal care for (suspected) damage to fetus by drugs, fetus 5	Diagnosis	ICD-10-CM
O35.5XX9	Maternal care for (suspected) damage to fetus by drugs, other fetus	Diagnosis	ICD-10-CM
O99.320	Drug use complicating pregnancy, unspecified trimester	Diagnosis	ICD-10-CM
O99.321	Drug use complicating pregnancy, first trimester	Diagnosis	ICD-10-CM
O99.322	Drug use complicating pregnancy, second trimester	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
O99.323	Drug use complicating pregnancy, third trimester	Diagnosis	ICD-10-CM
O99.324	Drug use complicating childbirth	Diagnosis	ICD-10-CM
O99.325	Drug use complicating the puerperium	Diagnosis	ICD-10-CM
P04.49	Newborn affected by maternal use of other drugs of addiction	Diagnosis	ICD-10-CM
P96.1	Neonatal withdrawal symptoms from maternal use of drugs of addiction	Diagnosis	ICD-10-CM
P96.2	Withdrawal symptoms from therapeutic use of drugs in newborn	Diagnosis	ICD-10-CM
T40.8X1A	Poisoning by lysergide [LSD], accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.901A	Poisoning by unspecified psychodysleptics [hallucinogens], accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.991A	Poisoning by other psychodysleptics [hallucinogens], accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
Z71.51	Drug abuse counseling and surveillance of drug abuser	Diagnosis	ICD-10-CM
Z71.52	Counseling for family member of drug abuser	Diagnosis	ICD-10-CM
Opioid Poisonings			
T40.0X	Poisoning by, adverse effect of and underdosing of opium	Diagnosis	ICD-10-CM
T40.0X1	Poisoning by opium, accidental (unintentional)	Diagnosis	ICD-10-CM
T40.0X1A	Poisoning by opium, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.0X1D	Poisoning by opium, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.0X1S	Poisoning by opium, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.0X2	Poisoning by opium, intentional self-harm	Diagnosis	ICD-10-CM
T40.0X2A	Poisoning by opium, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.0X2D	Poisoning by opium, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.0X2S	Poisoning by opium, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.0X3	Poisoning by opium, assault	Diagnosis	ICD-10-CM
T40.0X3A	Poisoning by opium, assault, initial encounter	Diagnosis	ICD-10-CM
T40.0X3D	Poisoning by opium, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.0X3S	Poisoning by opium, assault, sequela	Diagnosis	ICD-10-CM
T40.0X4	Poisoning by opium, undetermined	Diagnosis	ICD-10-CM
T40.0X4A	Poisoning by opium, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.0X4D	Poisoning by opium, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.0X4S	Poisoning by opium, undetermined, sequela	Diagnosis	ICD-10-CM
T40.0X5	Adverse effect of opium	Diagnosis	ICD-10-CM
T40.0X5A	Adverse effect of opium, initial encounter	Diagnosis	ICD-10-CM
T40.0X5D	Adverse effect of opium, subsequent encounter	Diagnosis	ICD-10-CM
T40.0X5S	Adverse effect of opium, sequela	Diagnosis	ICD-10-CM
T40.0X6	Underdosing of opium	Diagnosis	ICD-10-CM
T40.0X6A	Underdosing of opium, initial encounter	Diagnosis	ICD-10-CM
T40.0X6D	Underdosing of opium, subsequent encounter	Diagnosis	ICD-10-CM
T40.0X6S	Underdosing of opium, sequela	Diagnosis	ICD-10-CM
T40.1X	Poisoning by and adverse effect of heroin	Diagnosis	ICD-10-CM
T40.1X1	Poisoning by heroin, accidental (unintentional)	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
T40.1X1A	Poisoning by heroin, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.1X1D	Poisoning by heroin, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.1X1S	Poisoning by heroin, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.1X2	Poisoning by heroin, intentional self-harm	Diagnosis	ICD-10-CM
T40.1X2A	Poisoning by heroin, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.1X2D	Poisoning by heroin, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.1X2S	Poisoning by heroin, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.1X3	Poisoning by heroin, assault	Diagnosis	ICD-10-CM
T40.1X3A	Poisoning by heroin, assault, initial encounter	Diagnosis	ICD-10-CM
T40.1X3D	Poisoning by heroin, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.1X3S	Poisoning by heroin, assault, sequela	Diagnosis	ICD-10-CM
T40.1X4	Poisoning by heroin, undetermined	Diagnosis	ICD-10-CM
T40.1X4A	Poisoning by heroin, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.1X4D	Poisoning by heroin, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.1X4S	Poisoning by heroin, undetermined, sequela	Diagnosis	ICD-10-CM
T40.1X5	Adverse effect of heroin	Diagnosis	ICD-10-CM
T40.1X5A	Adverse effect of heroin, initial encounter	Diagnosis	ICD-10-CM
T40.1X5D	Adverse effect of heroin, subsequent encounter	Diagnosis	ICD-10-CM
T40.1X5S	Adverse effect of heroin, sequela	Diagnosis	ICD-10-CM
T40.2X	Poisoning by, adverse effect of and underdosing of other opioids	Diagnosis	ICD-10-CM
T40.2X1	Poisoning by other opioids, accidental (unintentional)	Diagnosis	ICD-10-CM
T40.2X1A	Poisoning by other opioids, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.2X1D	Poisoning by other opioids, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.2X1S	Poisoning by other opioids, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.2X2	Poisoning by other opioids, intentional self-harm	Diagnosis	ICD-10-CM
T40.2X2A	Poisoning by other opioids, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.2X2D	Poisoning by other opioids, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.2X2S	Poisoning by other opioids, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.2X3	Poisoning by other opioids, assault	Diagnosis	ICD-10-CM
T40.2X3A	Poisoning by other opioids, assault, initial encounter	Diagnosis	ICD-10-CM
T40.2X3D	Poisoning by other opioids, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.2X3S	Poisoning by other opioids, assault, sequela	Diagnosis	ICD-10-CM
T40.2X4	Poisoning by other opioids, undetermined	Diagnosis	ICD-10-CM
T40.2X4A	Poisoning by other opioids, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.2X4D	Poisoning by other opioids, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.2X4S	Poisoning by other opioids, undetermined, sequela	Diagnosis	ICD-10-CM
T40.2X5	Adverse effect of other opioids	Diagnosis	ICD-10-CM
T40.2X5A	Adverse effect of other opioids, initial encounter	Diagnosis	ICD-10-CM
T40.2X5D	Adverse effect of other opioids, subsequent encounter	Diagnosis	ICD-10-CM
T40.2X5S	Adverse effect of other opioids, sequela	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
T40.2X6	Underdosing of other opioids	Diagnosis	ICD-10-CM
T40.2X6A	Underdosing of other opioids, initial encounter	Diagnosis	ICD-10-CM
T40.2X6D	Underdosing of other opioids, subsequent encounter	Diagnosis	ICD-10-CM
T40.2X6S	Underdosing of other opioids, sequela	Diagnosis	ICD-10-CM
T40.3X	Poisoning by, adverse effect of and underdosing of methadone	Diagnosis	ICD-10-CM
T40.3X1	Poisoning by methadone, accidental (unintentional)	Diagnosis	ICD-10-CM
T40.3X1A	Poisoning by methadone, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.3X1D	Poisoning by methadone, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.3X1S	Poisoning by methadone, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.3X2	Poisoning by methadone, intentional self-harm	Diagnosis	ICD-10-CM
T40.3X2A	Poisoning by methadone, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.3X2D	Poisoning by methadone, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.3X2S	Poisoning by methadone, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.3X3	Poisoning by methadone, assault	Diagnosis	ICD-10-CM
T40.3X3A	Poisoning by methadone, assault, initial encounter	Diagnosis	ICD-10-CM
T40.3X3D	Poisoning by methadone, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.3X3S	Poisoning by methadone, assault, sequela	Diagnosis	ICD-10-CM
T40.3X4	Poisoning by methadone, undetermined	Diagnosis	ICD-10-CM
T40.3X4A	Poisoning by methadone, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.3X4D	Poisoning by methadone, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.3X4S	Poisoning by methadone, undetermined, sequela	Diagnosis	ICD-10-CM
T40.3X5	Adverse effect of methadone	Diagnosis	ICD-10-CM
T40.3X5A	Adverse effect of methadone, initial encounter	Diagnosis	ICD-10-CM
T40.3X5D	Adverse effect of methadone, subsequent encounter	Diagnosis	ICD-10-CM
T40.3X5S	Adverse effect of methadone, sequela	Diagnosis	ICD-10-CM
T40.3X6	Underdosing of methadone	Diagnosis	ICD-10-CM
T40.3X6A	Underdosing of methadone, initial encounter	Diagnosis	ICD-10-CM
T40.3X6D	Underdosing of methadone, subsequent encounter	Diagnosis	ICD-10-CM
T40.3X6S	Underdosing of methadone, sequela	Diagnosis	ICD-10-CM
T40.41	Poisoning by, adverse effect of and underdosing of fentanyl or fentanyl analogs	Diagnosis	ICD-10-CM
T40.411	Poisoning by fentanyl or fentanyl analogs, accidental (unintentional)	Diagnosis	ICD-10-CM
T40.411A	Poisoning by fentanyl or fentanyl analogs, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.411D	Poisoning by fentanyl or fentanyl analogs, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.411S	Poisoning by fentanyl or fentanyl analogs, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.412	Poisoning by fentanyl or fentanyl analogs, intentional self-harm	Diagnosis	ICD-10-CM
T40.412A	Poisoning by fentanyl or fentanyl analogs, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.412D	Poisoning by fentanyl or fentanyl analogs, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
T40.412S	Poisoning by fentanyl or fentanyl analogs, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.413	Poisoning by fentanyl or fentanyl analogs, assault	Diagnosis	ICD-10-CM
T40.413A	Poisoning by fentanyl or fentanyl analogs, assault, initial encounter	Diagnosis	ICD-10-CM
T40.413D	Poisoning by fentanyl or fentanyl analogs, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.413S	Poisoning by fentanyl or fentanyl analogs, assault, sequela	Diagnosis	ICD-10-CM
T40.414	Poisoning by fentanyl or fentanyl analogs, undetermined	Diagnosis	ICD-10-CM
T40.414A	Poisoning by fentanyl or fentanyl analogs, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.414D	Poisoning by fentanyl or fentanyl analogs, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.414S	Poisoning by fentanyl or fentanyl analogs, undetermined, sequela	Diagnosis	ICD-10-CM
T40.415	Adverse effect of fentanyl or fentanyl analogs	Diagnosis	ICD-10-CM
T40.415A	Adverse effect of fentanyl or fentanyl analogs, initial encounter	Diagnosis	ICD-10-CM
T40.415D	Adverse effect of fentanyl or fentanyl analogs, subsequent encounter	Diagnosis	ICD-10-CM
T40.415S	Adverse effect of fentanyl or fentanyl analogs, sequela	Diagnosis	ICD-10-CM
T40.416	Underdosing of fentanyl or fentanyl analogs	Diagnosis	ICD-10-CM
T40.416A	Underdosing of fentanyl or fentanyl analogs, initial encounter	Diagnosis	ICD-10-CM
T40.416D	Underdosing of fentanyl or fentanyl analogs, subsequent encounter	Diagnosis	ICD-10-CM
T40.416S	Underdosing of fentanyl or fentanyl analogs, sequela	Diagnosis	ICD-10-CM
T40.42	Poisoning by, adverse effect of and underdosing of tramadol	Diagnosis	ICD-10-CM
T40.421	Poisoning by tramadol, accidental (unintentional)	Diagnosis	ICD-10-CM
T40.421A	Poisoning by tramadol, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.421D	Poisoning by tramadol, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.421S	Poisoning by tramadol, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.422	Poisoning by tramadol, intentional self-harm	Diagnosis	ICD-10-CM
T40.422A	Poisoning by tramadol, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.422D	Poisoning by tramadol, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.422S	Poisoning by tramadol, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.423	Poisoning by tramadol, assault	Diagnosis	ICD-10-CM
T40.423A	Poisoning by tramadol, assault, initial encounter	Diagnosis	ICD-10-CM
T40.423D	Poisoning by tramadol, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.423S	Poisoning by tramadol, assault, sequela	Diagnosis	ICD-10-CM
T40.424	Poisoning by tramadol, undetermined	Diagnosis	ICD-10-CM
T40.424A	Poisoning by tramadol, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.424D	Poisoning by tramadol, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.424S	Poisoning by tramadol, undetermined, sequela	Diagnosis	ICD-10-CM
T40.425	Adverse effect of tramadol	Diagnosis	ICD-10-CM
T40.425A	Adverse effect of tramadol, initial encounter	Diagnosis	ICD-10-CM
T40.425D	Adverse effect of tramadol, subsequent encounter	Diagnosis	ICD-10-CM
T40.425S	Adverse effect of tramadol, sequela	Diagnosis	ICD-10-CM
T40.426	Underdosing of tramadol	Diagnosis	ICD-10-CM
T40.426A	Underdosing of tramadol, initial encounter	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
T40.426D	Underdosing of tramadol, subsequent encounter	Diagnosis	ICD-10-CM
T40.426S	Underdosing of tramadol, sequela	Diagnosis	ICD-10-CM
T40.49	Poisoning by, adverse effect of and underdosing of other synthetic narcotics	Diagnosis	ICD-10-CM
T40.491	Poisoning by other synthetic narcotics, accidental (unintentional)	Diagnosis	ICD-10-CM
T40.491A	Poisoning by other synthetic narcotics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.491D	Poisoning by other synthetic narcotics, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.491S	Poisoning by other synthetic narcotics, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.492	Poisoning by other synthetic narcotics, intentional self-harm	Diagnosis	ICD-10-CM
T40.492A	Poisoning by other synthetic narcotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.492D	Poisoning by other synthetic narcotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.492S	Poisoning by other synthetic narcotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.493	Poisoning by other synthetic narcotics, assault	Diagnosis	ICD-10-CM
T40.493A	Poisoning by other synthetic narcotics, assault, initial encounter	Diagnosis	ICD-10-CM
T40.493D	Poisoning by other synthetic narcotics, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.493S	Poisoning by other synthetic narcotics, assault, sequela	Diagnosis	ICD-10-CM
T40.494	Poisoning by other synthetic narcotics, undetermined	Diagnosis	ICD-10-CM
T40.494A	Poisoning by other synthetic narcotics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.494D	Poisoning by other synthetic narcotics, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.494S	Poisoning by other synthetic narcotics, undetermined, sequela	Diagnosis	ICD-10-CM
T40.495	Adverse effect of other synthetic narcotics	Diagnosis	ICD-10-CM
T40.495A	Adverse effect of other synthetic narcotics, initial encounter	Diagnosis	ICD-10-CM
T40.495D	Adverse effect of other synthetic narcotics, subsequent encounter	Diagnosis	ICD-10-CM
T40.495S	Adverse effect of other synthetic narcotics, sequela	Diagnosis	ICD-10-CM
T40.496	Underdosing of other synthetic narcotics	Diagnosis	ICD-10-CM
T40.496A	Underdosing of other synthetic narcotics, initial encounter	Diagnosis	ICD-10-CM
T40.496D	Underdosing of other synthetic narcotics, subsequent encounter	Diagnosis	ICD-10-CM
T40.496S	Underdosing of other synthetic narcotics, sequela	Diagnosis	ICD-10-CM
T40.4X	Poisoning by, adverse effect of and underdosing of other synthetic narcotics	Diagnosis	ICD-10-CM
T40.4X1	Poisoning by other synthetic narcotics, accidental (unintentional)	Diagnosis	ICD-10-CM
T40.4X1A	Poisoning by other synthetic narcotics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.4X1D	Poisoning by other synthetic narcotics, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.4X1S	Poisoning by other synthetic narcotics, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.4X2	Poisoning by other synthetic narcotics, intentional self-harm	Diagnosis	ICD-10-CM
T40.4X2A	Poisoning by other synthetic narcotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
T40.4X2D	Poisoning by other synthetic narcotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.4X2S	Poisoning by other synthetic narcotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.4X3	Poisoning by other synthetic narcotics, assault	Diagnosis	ICD-10-CM
T40.4X3A	Poisoning by other synthetic narcotics, assault, initial encounter	Diagnosis	ICD-10-CM
T40.4X3D	Poisoning by other synthetic narcotics, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.4X3S	Poisoning by other synthetic narcotics, assault, sequela	Diagnosis	ICD-10-CM
T40.4X4	Poisoning by other synthetic narcotics, undetermined	Diagnosis	ICD-10-CM
T40.4X4A	Poisoning by other synthetic narcotics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.4X4D	Poisoning by other synthetic narcotics, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.4X4S	Poisoning by other synthetic narcotics, undetermined, sequela	Diagnosis	ICD-10-CM
T40.4X5	Adverse effect of other synthetic narcotics	Diagnosis	ICD-10-CM
T40.4X5A	Adverse effect of other synthetic narcotics, initial encounter	Diagnosis	ICD-10-CM
T40.4X5D	Adverse effect of other synthetic narcotics, subsequent encounter	Diagnosis	ICD-10-CM
T40.4X5S	Adverse effect of other synthetic narcotics, sequela	Diagnosis	ICD-10-CM
T40.4X6	Underdosing of other synthetic narcotics	Diagnosis	ICD-10-CM
T40.4X6A	Underdosing of other synthetic narcotics, initial encounter	Diagnosis	ICD-10-CM
T40.4X6D	Underdosing of other synthetic narcotics, subsequent encounter	Diagnosis	ICD-10-CM
T40.4X6S	Underdosing of other synthetic narcotics, sequela	Diagnosis	ICD-10-CM
T40.60	Poisoning by, adverse effect of and underdosing of unspecified narcotics	Diagnosis	ICD-10-CM
T40.601	Poisoning by unspecified narcotics, accidental (unintentional)	Diagnosis	ICD-10-CM
T40.601A	Poisoning by unspecified narcotics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.601D	Poisoning by unspecified narcotics, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.601S	Poisoning by unspecified narcotics, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.602	Poisoning by unspecified narcotics, intentional self-harm	Diagnosis	ICD-10-CM
T40.602A	Poisoning by unspecified narcotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.602D	Poisoning by unspecified narcotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.602S	Poisoning by unspecified narcotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.603	Poisoning by unspecified narcotics, assault	Diagnosis	ICD-10-CM
T40.603A	Poisoning by unspecified narcotics, assault, initial encounter	Diagnosis	ICD-10-CM
T40.603D	Poisoning by unspecified narcotics, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.603S	Poisoning by unspecified narcotics, assault, sequela	Diagnosis	ICD-10-CM
T40.604	Poisoning by unspecified narcotics, undetermined	Diagnosis	ICD-10-CM
T40.604A	Poisoning by unspecified narcotics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.604D	Poisoning by unspecified narcotics, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.604S	Poisoning by unspecified narcotics, undetermined, sequela	Diagnosis	ICD-10-CM
T40.605	Adverse effect of unspecified narcotics	Diagnosis	ICD-10-CM
T40.605A	Adverse effect of unspecified narcotics, initial encounter	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
T40.605D	Adverse effect of unspecified narcotics, subsequent encounter	Diagnosis	ICD-10-CM
T40.605S	Adverse effect of unspecified narcotics, sequela	Diagnosis	ICD-10-CM
T40.606	Underdosing of unspecified narcotics	Diagnosis	ICD-10-CM
T40.606A	Underdosing of unspecified narcotics, initial encounter	Diagnosis	ICD-10-CM
T40.606D	Underdosing of unspecified narcotics, subsequent encounter	Diagnosis	ICD-10-CM
T40.606S	Underdosing of unspecified narcotics, sequela	Diagnosis	ICD-10-CM
T40.69	Poisoning by, adverse effect of and underdosing of other narcotics	Diagnosis	ICD-10-CM
T40.691	Poisoning by other narcotics, accidental (unintentional)	Diagnosis	ICD-10-CM
T40.691A	Poisoning by other narcotics, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.691D	Poisoning by other narcotics, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.691S	Poisoning by other narcotics, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.692	Poisoning by other narcotics, intentional self-harm	Diagnosis	ICD-10-CM
T40.692A	Poisoning by other narcotics, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.692D	Poisoning by other narcotics, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.692S	Poisoning by other narcotics, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.693	Poisoning by other narcotics, assault	Diagnosis	ICD-10-CM
T40.693A	Poisoning by other narcotics, assault, initial encounter	Diagnosis	ICD-10-CM
T40.693D	Poisoning by other narcotics, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.693S	Poisoning by other narcotics, assault, sequela	Diagnosis	ICD-10-CM
T40.694	Poisoning by other narcotics, undetermined	Diagnosis	ICD-10-CM
T40.694A	Poisoning by other narcotics, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.694D	Poisoning by other narcotics, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.694S	Poisoning by other narcotics, undetermined, sequela	Diagnosis	ICD-10-CM
T40.695	Adverse effect of other narcotics	Diagnosis	ICD-10-CM
T40.695A	Adverse effect of other narcotics, initial encounter	Diagnosis	ICD-10-CM
T40.695D	Adverse effect of other narcotics, subsequent encounter	Diagnosis	ICD-10-CM
T40.695S	Adverse effect of other narcotics, sequela	Diagnosis	ICD-10-CM
T40.696	Underdosing of other narcotics	Diagnosis	ICD-10-CM
T40.696A	Underdosing of other narcotics, initial encounter	Diagnosis	ICD-10-CM
T40.696D	Underdosing of other narcotics, subsequent encounter	Diagnosis	ICD-10-CM
T40.696S	Underdosing of other narcotics, sequela	Diagnosis	ICD-10-CM
Cannabis Poisonings			
T40.7	Poisoning by, adverse effect of and underdosing of cannabis (derivatives)	Diagnosis	ICD-10-CM
T40.71	Poisoning by, adverse effect of and underdosing of cannabis (derivatives)	Diagnosis	ICD-10-CM
T40.711	Poisoning by cannabis, accidental (unintentional)	Diagnosis	ICD-10-CM
T40.711A	Poisoning by cannabis, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.711D	Poisoning by cannabis, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.711S	Poisoning by cannabis, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.712	Poisoning by cannabis, intentional self-harm	Diagnosis	ICD-10-CM
T40.712A	Poisoning by cannabis, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
T40.712D	Poisoning by cannabis, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.712S	Poisoning by cannabis, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.713	Poisoning by cannabis, assault	Diagnosis	ICD-10-CM
T40.713A	Poisoning by cannabis, assault, initial encounter	Diagnosis	ICD-10-CM
T40.713D	Poisoning by cannabis, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.713S	Poisoning by cannabis, assault, sequela	Diagnosis	ICD-10-CM
T40.714	Poisoning by cannabis, undetermined	Diagnosis	ICD-10-CM
T40.714A	Poisoning by cannabis, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.714D	Poisoning by cannabis, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.714S	Poisoning by cannabis, undetermined, sequela	Diagnosis	ICD-10-CM
T40.715	Adverse effect of cannabis	Diagnosis	ICD-10-CM
T40.715A	Adverse effect of cannabis, initial encounter	Diagnosis	ICD-10-CM
T40.715D	Adverse effect of cannabis, subsequent encounter	Diagnosis	ICD-10-CM
T40.715S	Adverse effect of cannabis, sequela	Diagnosis	ICD-10-CM
T40.716	Underdosing of cannabis	Diagnosis	ICD-10-CM
T40.716A	Underdosing of cannabis, initial encounter	Diagnosis	ICD-10-CM
T40.716D	Underdosing of cannabis, subsequent encounter	Diagnosis	ICD-10-CM
T40.716S	Underdosing of cannabis, sequela	Diagnosis	ICD-10-CM
T40.72	Poisoning by, adverse effect of and underdosing of synthetic cannabinoids	Diagnosis	ICD-10-CM
T40.721	Poisoning by synthetic cannabinoids, accidental (unintentional)	Diagnosis	ICD-10-CM
T40.721A	Poisoning by synthetic cannabinoids, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.721D	Poisoning by synthetic cannabinoids, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.721S	Poisoning by synthetic cannabinoids, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.722	Poisoning by synthetic cannabinoids, intentional self-harm	Diagnosis	ICD-10-CM
T40.722A	Poisoning by synthetic cannabinoids, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.722D	Poisoning by synthetic cannabinoids, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.722S	Poisoning by synthetic cannabinoids, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.723	Poisoning by synthetic cannabinoids, assault	Diagnosis	ICD-10-CM
T40.723A	Poisoning by synthetic cannabinoids, assault, initial encounter	Diagnosis	ICD-10-CM
T40.723D	Poisoning by synthetic cannabinoids, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.723S	Poisoning by synthetic cannabinoids, assault, sequela	Diagnosis	ICD-10-CM
T40.724	Poisoning by synthetic cannabinoids, undetermined	Diagnosis	ICD-10-CM
T40.724A	Poisoning by synthetic cannabinoids, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.724D	Poisoning by synthetic cannabinoids, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.724S	Poisoning by synthetic cannabinoids, undetermined, sequela	Diagnosis	ICD-10-CM
T40.725	Adverse effect of synthetic cannabinoids	Diagnosis	ICD-10-CM
T40.725A	Adverse effect of synthetic cannabinoids, initial encounter	Diagnosis	ICD-10-CM
T40.725D	Adverse effect of synthetic cannabinoids, subsequent encounter	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
T40.725S	Adverse effect of synthetic cannabinoids, sequela	Diagnosis	ICD-10-CM
T40.726	Underdosing of synthetic cannabinoids	Diagnosis	ICD-10-CM
T40.726A	Underdosing of synthetic cannabinoids, initial encounter	Diagnosis	ICD-10-CM
T40.726D	Underdosing of synthetic cannabinoids, subsequent encounter	Diagnosis	ICD-10-CM
T40.726S	Underdosing of synthetic cannabinoids, sequela	Diagnosis	ICD-10-CM
T40.7X	Poisoning by, adverse effect of and underdosing of cannabis (derivatives)	Diagnosis	ICD-10-CM
T40.7X1	Poisoning by cannabis (derivatives), accidental (unintentional)	Diagnosis	ICD-10-CM
T40.7X1A	Poisoning by cannabis (derivatives), accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.7X1D	Poisoning by cannabis (derivatives), accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.7X1S	Poisoning by cannabis (derivatives), accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.7X2	Poisoning by cannabis (derivatives), intentional self-harm	Diagnosis	ICD-10-CM
T40.7X2A	Poisoning by cannabis (derivatives), intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.7X2D	Poisoning by cannabis (derivatives), intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.7X2S	Poisoning by cannabis (derivatives), intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.7X3	Poisoning by cannabis (derivatives), assault	Diagnosis	ICD-10-CM
T40.7X3A	Poisoning by cannabis (derivatives), assault, initial encounter	Diagnosis	ICD-10-CM
T40.7X3D	Poisoning by cannabis (derivatives), assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.7X3S	Poisoning by cannabis (derivatives), assault, sequela	Diagnosis	ICD-10-CM
T40.7X4	Poisoning by cannabis (derivatives), undetermined	Diagnosis	ICD-10-CM
T40.7X4A	Poisoning by cannabis (derivatives), undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.7X4D	Poisoning by cannabis (derivatives), undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.7X4S	Poisoning by cannabis (derivatives), undetermined, sequela	Diagnosis	ICD-10-CM
T40.7X5	Adverse effect of cannabis (derivatives)	Diagnosis	ICD-10-CM
T40.7X5A	Adverse effect of cannabis (derivatives), initial encounter	Diagnosis	ICD-10-CM
T40.7X5D	Adverse effect of cannabis (derivatives), subsequent encounter	Diagnosis	ICD-10-CM
T40.7X5S	Adverse effect of cannabis (derivatives), sequela	Diagnosis	ICD-10-CM
T40.7X6	Underdosing of cannabis (derivatives)	Diagnosis	ICD-10-CM
T40.7X6A	Underdosing of cannabis (derivatives), initial encounter	Diagnosis	ICD-10-CM
T40.7X6D	Underdosing of cannabis (derivatives), subsequent encounter	Diagnosis	ICD-10-CM
T40.7X6S	Underdosing of cannabis (derivatives), sequela	Diagnosis	ICD-10-CM
Alcohol Poisonings			
T51.0	Toxic effect of ethanol	Diagnosis	ICD-10-CM
T51.0X	Toxic effect of ethanol	Diagnosis	ICD-10-CM
T51.0X1	Toxic effect of ethanol, accidental (unintentional)	Diagnosis	ICD-10-CM
T51.0X1A	Toxic effect of ethanol, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T51.0X1D	Toxic effect of ethanol, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T51.0X1S	Toxic effect of ethanol, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T51.0X2	Toxic effect of ethanol, intentional self-harm	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
T51.0X2A	Toxic effect of ethanol, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T51.0X2D	Toxic effect of ethanol, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T51.0X2S	Toxic effect of ethanol, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T51.0X3	Toxic effect of ethanol, assault	Diagnosis	ICD-10-CM
T51.0X3A	Toxic effect of ethanol, assault, initial encounter	Diagnosis	ICD-10-CM
T51.0X3D	Toxic effect of ethanol, assault, subsequent encounter	Diagnosis	ICD-10-CM
T51.0X3S	Toxic effect of ethanol, assault, sequela	Diagnosis	ICD-10-CM
T51.0X4	Toxic effect of ethanol, undetermined	Diagnosis	ICD-10-CM
T51.0X4A	Toxic effect of ethanol, undetermined, initial encounter	Diagnosis	ICD-10-CM
T51.0X4D	Toxic effect of ethanol, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T51.0X4S	Toxic effect of ethanol, undetermined, sequela	Diagnosis	ICD-10-CM
Stimulant Poisonings			
T40.5X	Poisoning by, adverse effect of and underdosing of cocaine	Diagnosis	ICD-10-CM
T40.5X1	Poisoning by cocaine, accidental (unintentional)	Diagnosis	ICD-10-CM
T40.5X1A	Poisoning by cocaine, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T40.5X1D	Poisoning by cocaine, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T40.5X1S	Poisoning by cocaine, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T40.5X2	Poisoning by cocaine, intentional self-harm	Diagnosis	ICD-10-CM
T40.5X2A	Poisoning by cocaine, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T40.5X2D	Poisoning by cocaine, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T40.5X2S	Poisoning by cocaine, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T40.5X3	Poisoning by cocaine, assault	Diagnosis	ICD-10-CM
T40.5X3A	Poisoning by cocaine, assault, initial encounter	Diagnosis	ICD-10-CM
T40.5X3D	Poisoning by cocaine, assault, subsequent encounter	Diagnosis	ICD-10-CM
T40.5X3S	Poisoning by cocaine, assault, sequela	Diagnosis	ICD-10-CM
T40.5X4	Poisoning by cocaine, undetermined	Diagnosis	ICD-10-CM
T40.5X4A	Poisoning by cocaine, undetermined, initial encounter	Diagnosis	ICD-10-CM
T40.5X4D	Poisoning by cocaine, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T40.5X4S	Poisoning by cocaine, undetermined, sequela	Diagnosis	ICD-10-CM
T40.5X5	Adverse effect of cocaine	Diagnosis	ICD-10-CM
T40.5X5A	Adverse effect of cocaine, initial encounter	Diagnosis	ICD-10-CM
T40.5X5D	Adverse effect of cocaine, subsequent encounter	Diagnosis	ICD-10-CM
T40.5X5S	Adverse effect of cocaine, sequela	Diagnosis	ICD-10-CM
T40.5X6	Underdosing of cocaine	Diagnosis	ICD-10-CM
T40.5X6A	Underdosing of cocaine, initial encounter	Diagnosis	ICD-10-CM
T40.5X6D	Underdosing of cocaine, subsequent encounter	Diagnosis	ICD-10-CM
T40.5X6S	Underdosing of cocaine, sequela	Diagnosis	ICD-10-CM
T43.60	Poisoning by, adverse effect of and underdosing of unspecified psychostimulant	Diagnosis	ICD-10-CM
T43.601	Poisoning by unspecified psychostimulants, accidental (unintentional)	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
T43.601A	Poisoning by unspecified psychostimulants, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.601D	Poisoning by unspecified psychostimulants, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T43.601S	Poisoning by unspecified psychostimulants, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T43.602	Poisoning by unspecified psychostimulants, intentional self-harm	Diagnosis	ICD-10-CM
T43.602A	Poisoning by unspecified psychostimulants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.602D	Poisoning by unspecified psychostimulants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.602S	Poisoning by unspecified psychostimulants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.603	Poisoning by unspecified psychostimulants, assault	Diagnosis	ICD-10-CM
T43.603A	Poisoning by unspecified psychostimulants, assault, initial encounter	Diagnosis	ICD-10-CM
T43.603D	Poisoning by unspecified psychostimulants, assault, subsequent encounter	Diagnosis	ICD-10-CM
T43.603S	Poisoning by unspecified psychostimulants, assault, sequela	Diagnosis	ICD-10-CM
T43.604	Poisoning by unspecified psychostimulants, undetermined	Diagnosis	ICD-10-CM
T43.604A	Poisoning by unspecified psychostimulants, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.604D	Poisoning by unspecified psychostimulants, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T43.604S	Poisoning by unspecified psychostimulants, undetermined, sequela	Diagnosis	ICD-10-CM
T43.605	Adverse effect of unspecified psychostimulants	Diagnosis	ICD-10-CM
T43.605A	Adverse effect of unspecified psychostimulants, initial encounter	Diagnosis	ICD-10-CM
T43.605D	Adverse effect of unspecified psychostimulants, subsequent encounter	Diagnosis	ICD-10-CM
T43.605S	Adverse effect of unspecified psychostimulants, sequela	Diagnosis	ICD-10-CM
T43.606	Underdosing of unspecified psychostimulants	Diagnosis	ICD-10-CM
T43.606A	Underdosing of unspecified psychostimulants, initial encounter	Diagnosis	ICD-10-CM
T43.606D	Underdosing of unspecified psychostimulants, subsequent encounter	Diagnosis	ICD-10-CM
T43.606S	Underdosing of unspecified psychostimulants, sequela	Diagnosis	ICD-10-CM
T43.62	Poisoning by, adverse effect of and underdosing of amphetamines	Diagnosis	ICD-10-CM
T43.621	Poisoning by amphetamines, accidental (unintentional)	Diagnosis	ICD-10-CM
T43.621A	Poisoning by amphetamines, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.621D	Poisoning by amphetamines, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T43.621S	Poisoning by amphetamines, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T43.622	Poisoning by amphetamines, intentional self-harm	Diagnosis	ICD-10-CM
T43.622A	Poisoning by amphetamines, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.622D	Poisoning by amphetamines, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.622S	Poisoning by amphetamines, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.623	Poisoning by amphetamines, assault	Diagnosis	ICD-10-CM
T43.623A	Poisoning by amphetamines, assault, initial encounter	Diagnosis	ICD-10-CM
T43.623D	Poisoning by amphetamines, assault, subsequent encounter	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
T43.623S	Poisoning by amphetamines, assault, sequela	Diagnosis	ICD-10-CM
T43.624	Poisoning by amphetamines, undetermined	Diagnosis	ICD-10-CM
T43.624A	Poisoning by amphetamines, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.624D	Poisoning by amphetamines, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T43.624S	Poisoning by amphetamines, undetermined, sequela	Diagnosis	ICD-10-CM
T43.625	Adverse effect of amphetamines	Diagnosis	ICD-10-CM
T43.625A	Adverse effect of amphetamines, initial encounter	Diagnosis	ICD-10-CM
T43.625D	Adverse effect of amphetamines, subsequent encounter	Diagnosis	ICD-10-CM
T43.625S	Adverse effect of amphetamines, sequela	Diagnosis	ICD-10-CM
T43.626	Underdosing of amphetamines	Diagnosis	ICD-10-CM
T43.626A	Underdosing of amphetamines, initial encounter	Diagnosis	ICD-10-CM
T43.626D	Underdosing of amphetamines, subsequent encounter	Diagnosis	ICD-10-CM
T43.626S	Underdosing of amphetamines, sequela	Diagnosis	ICD-10-CM
T43.63	Poisoning by, adverse effect of and underdosing of methylphenidate	Diagnosis	ICD-10-CM
T43.631	Poisoning by methylphenidate, accidental (unintentional)	Diagnosis	ICD-10-CM
T43.631A	Poisoning by methylphenidate, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.631D	Poisoning by methylphenidate, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T43.631S	Poisoning by methylphenidate, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T43.632	Poisoning by methylphenidate, intentional self-harm	Diagnosis	ICD-10-CM
T43.632A	Poisoning by methylphenidate, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.632D	Poisoning by methylphenidate, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.632S	Poisoning by methylphenidate, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.633	Poisoning by methylphenidate, assault	Diagnosis	ICD-10-CM
T43.633A	Poisoning by methylphenidate, assault, initial encounter	Diagnosis	ICD-10-CM
T43.633D	Poisoning by methylphenidate, assault, subsequent encounter	Diagnosis	ICD-10-CM
T43.633S	Poisoning by methylphenidate, assault, sequela	Diagnosis	ICD-10-CM
T43.634	Poisoning by methylphenidate, undetermined	Diagnosis	ICD-10-CM
T43.634A	Poisoning by methylphenidate, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.634D	Poisoning by methylphenidate, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T43.634S	Poisoning by methylphenidate, undetermined, sequela	Diagnosis	ICD-10-CM
T43.635	Adverse effect of methylphenidate	Diagnosis	ICD-10-CM
T43.635A	Adverse effect of methylphenidate, initial encounter	Diagnosis	ICD-10-CM
T43.635D	Adverse effect of methylphenidate, subsequent encounter	Diagnosis	ICD-10-CM
T43.635S	Adverse effect of methylphenidate, sequela	Diagnosis	ICD-10-CM
T43.636	Underdosing of methylphenidate	Diagnosis	ICD-10-CM
T43.636A	Underdosing of methylphenidate, initial encounter	Diagnosis	ICD-10-CM
T43.636D	Underdosing of methylphenidate, subsequent encounter	Diagnosis	ICD-10-CM
T43.636S	Underdosing of methylphenidate, sequela	Diagnosis	ICD-10-CM
T43.64	Poisoning by ecstasy	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
T43.641	Poisoning by ecstasy, accidental (unintentional)	Diagnosis	ICD-10-CM
T43.641A	Poisoning by ecstasy, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.641D	Poisoning by ecstasy, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T43.641S	Poisoning by ecstasy, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T43.642	Poisoning by ecstasy, intentional self-harm	Diagnosis	ICD-10-CM
T43.642A	Poisoning by ecstasy, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.642D	Poisoning by ecstasy, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.642S	Poisoning by ecstasy, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.643	Poisoning by ecstasy, assault	Diagnosis	ICD-10-CM
T43.643A	Poisoning by ecstasy, assault, initial encounter	Diagnosis	ICD-10-CM
T43.643D	Poisoning by ecstasy, assault, subsequent encounter	Diagnosis	ICD-10-CM
T43.643S	Poisoning by ecstasy, assault, sequela	Diagnosis	ICD-10-CM
T43.644	Poisoning by ecstasy, undetermined	Diagnosis	ICD-10-CM
T43.644A	Poisoning by ecstasy, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.644D	Poisoning by ecstasy, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T43.644S	Poisoning by ecstasy, undetermined, sequela	Diagnosis	ICD-10-CM
T43.65	Poisoning by, adverse effect of and underdosing of methamphetamines	Diagnosis	ICD-10-CM
T43.651	Poisoning by methamphetamines accidental (unintentional)	Diagnosis	ICD-10-CM
T43.651A	Poisoning by methamphetamines accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.651D	Poisoning by methamphetamines accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T43.651S	Poisoning by methamphetamines accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T43.652	Poisoning by methamphetamines intentional self-harm	Diagnosis	ICD-10-CM
T43.652A	Poisoning by methamphetamines intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.652D	Poisoning by methamphetamines intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.652S	Poisoning by methamphetamines intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.653	Poisoning by methamphetamines, assault	Diagnosis	ICD-10-CM
T43.653A	Poisoning by methamphetamines, assault, initial encounter	Diagnosis	ICD-10-CM
T43.653D	Poisoning by methamphetamines, assault, subsequent encounter	Diagnosis	ICD-10-CM
T43.653S	Poisoning by methamphetamines, assault, sequela	Diagnosis	ICD-10-CM
T43.654	Poisoning by methamphetamines, undetermined	Diagnosis	ICD-10-CM
T43.654A	Poisoning by methamphetamines, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.654D	Poisoning by methamphetamines, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T43.654S	Poisoning by methamphetamines, undetermined, sequela	Diagnosis	ICD-10-CM
T43.655	Adverse effect of methamphetamines	Diagnosis	ICD-10-CM
T43.655A	Adverse effect of methamphetamines, initial encounter	Diagnosis	ICD-10-CM
T43.655D	Adverse effect of methamphetamines, subsequent encounter	Diagnosis	ICD-10-CM
T43.655S	Adverse effect of methamphetamines, sequela	Diagnosis	ICD-10-CM
T43.656	Underdosing of methamphetamines	Diagnosis	ICD-10-CM
T43.656A	Underdosing of methamphetamines, initial encounter	Diagnosis	ICD-10-CM

Appendix C. List of Current Procedural Terminology, Fourth Edition (CPT-4), Current Procedural Terminology, Second Edition (CPT-2), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), and International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Category	Code Type
T43.656D	Underdosing of methamphetamines, subsequent encounter	Diagnosis	ICD-10-CM
T43.656S	Underdosing of methamphetamines, sequela	Diagnosis	ICD-10-CM
T43.69	Poisoning by, adverse effect of and underdosing of other psychostimulants	Diagnosis	ICD-10-CM
T43.691	Poisoning by other psychostimulants, accidental (unintentional)	Diagnosis	ICD-10-CM
T43.691A	Poisoning by other psychostimulants, accidental (unintentional), initial encounter	Diagnosis	ICD-10-CM
T43.691D	Poisoning by other psychostimulants, accidental (unintentional), subsequent encounter	Diagnosis	ICD-10-CM
T43.691S	Poisoning by other psychostimulants, accidental (unintentional), sequela	Diagnosis	ICD-10-CM
T43.692	Poisoning by other psychostimulants, intentional self-harm	Diagnosis	ICD-10-CM
T43.692A	Poisoning by other psychostimulants, intentional self-harm, initial encounter	Diagnosis	ICD-10-CM
T43.692D	Poisoning by other psychostimulants, intentional self-harm, subsequent encounter	Diagnosis	ICD-10-CM
T43.692S	Poisoning by other psychostimulants, intentional self-harm, sequela	Diagnosis	ICD-10-CM
T43.693	Poisoning by other psychostimulants, assault	Diagnosis	ICD-10-CM
T43.693A	Poisoning by other psychostimulants, assault, initial encounter	Diagnosis	ICD-10-CM
T43.693D	Poisoning by other psychostimulants, assault, subsequent encounter	Diagnosis	ICD-10-CM
T43.693S	Poisoning by other psychostimulants, assault, sequela	Diagnosis	ICD-10-CM
T43.694	Poisoning by other psychostimulants, undetermined	Diagnosis	ICD-10-CM
T43.694A	Poisoning by other psychostimulants, undetermined, initial encounter	Diagnosis	ICD-10-CM
T43.694D	Poisoning by other psychostimulants, undetermined, subsequent encounter	Diagnosis	ICD-10-CM
T43.694S	Poisoning by other psychostimulants, undetermined, sequela	Diagnosis	ICD-10-CM
T43.695	Adverse effect of other psychostimulants	Diagnosis	ICD-10-CM
T43.695A	Adverse effect of other psychostimulants, initial encounter	Diagnosis	ICD-10-CM
T43.695D	Adverse effect of other psychostimulants, subsequent encounter	Diagnosis	ICD-10-CM
T43.695S	Adverse effect of other psychostimulants, sequela	Diagnosis	ICD-10-CM
T43.696	Underdosing of other psychostimulants	Diagnosis	ICD-10-CM
T43.696A	Underdosing of other psychostimulants, initial encounter	Diagnosis	ICD-10-CM
T43.696D	Underdosing of other psychostimulants, subsequent encounter	Diagnosis	ICD-10-CM
T43.696S	Underdosing of other psychostimulants, sequela	Diagnosis	ICD-10-CM

Appendix D. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
Nicotine Use/Vaping	
nicotine	NTS Step 1
nicotine	Nicoderm CQ
nicotine	Nicotrol
nicotine	Nicotrol NS
nicotine	nicotine
nicotine bitartrate	Nicotine Tartrate
nicotine polacrilex	Nicorelief
nicotine polacrilex	Nicorette
nicotine polacrilex	Quit 2
nicotine polacrilex	Quit 4
nicotine polacrilex	Stop Smoking Aid
nicotine polacrilex	nicotine (polacrilex)
nicotine polacrilex	nicotine polacrilex (bulk)
varenicline tartrate	Chantix
varenicline tartrate	Chantix Continuing Month Box
varenicline tartrate	Chantix Continuing Month Pak
varenicline tartrate	Chantix Starting Month Box
varenicline tartrate	Chantix Starting Month Pak
varenicline tartrate	Tyrvaya
varenicline tartrate	varenicline
Opioid-Related Disorder	
buprenorphine	Sublocade
buprenorphine	buprenorphine
buprenorphine HCl	Probuphine
buprenorphine HCl	buprenorphine HCl
buprenorphine HCl/naloxone HCl	Bunavail
buprenorphine HCl/naloxone HCl	Suboxone
buprenorphine HCl/naloxone HCl	Zubsolv
buprenorphine HCl/naloxone HCl	buprenorphine-naloxone
naltrexone HCl	naltrexone
naltrexone microspheres	Vivitrol

Appendix E. Specifications Used to Define Parameters in this Request

This request executed the Cohort Identification and Descriptive Analysis (CIDA) tool 12.0.1 to estimate rates of substance disorders related to cannabis and other comparators in the Sentinel Distributed Database (SDD).

Query period: 4/1/2016 - 6/30/2022
Coverage requirement: Medical Coverage
Pre-index enrollment requirement: 183 days
Post-index requirement: 0 days
Enrollment gap: 45 days
Age groups: 18-25, 26-44, 45-64 years
Stratifications: Year, age, age and year
Censor output categorization: n/a
Restrictions: Male and Female sex only
Envelope macro: Reclassify encounters during inpatient stay as inpatient
Freeze data: No

Exposure/Event

Scenario	Index Exposure/Event	Cohort Definition	Washout Period	Care Setting	Principal Diagnosis Position	Create Baseline Table?	Censor Enrollment at Evidence of
1	Any cannabis-related disorder, in inpatient, Emergency Department (ED), or outpatient care setting	All valid index dates during query period	0	*Inpatient hospital stay; *Non-acute institutional stay; *Emergency department encounter; *Ambulatory visit; *Other ambulatory visit	Any	Yes	*Death; *Data Partner End Date; *Query End Date
2	Any cannabis-related disorder, in ED or outpatient care setting	All valid index dates during query period	0	*Emergency department encounter; *Ambulatory visit; *Other ambulatory visit	n/a	Yes	*Death; *Data Partner End Date; *Query End Date
3	Any cannabis-related disorder, in inpatient care setting	All valid index dates during query period	0	Inpatient hospital stay	Any	Yes	*Death; *Data Partner End Date; *Query End Date
4	Any cannabis-related disorder, in institutional care setting	All valid index dates during query period	0	Non-acute institutional stay	Any	Yes	*Death; *Data Partner End Date; *Query End Date

Appendix E. Specifications Used to Define Parameters in this Request

Scenario	Exposure/Event				Principal Diagnosis Position	Create Baseline Table?	Censor Enrollment at Evidence of
	Index Exposure/Event	Cohort Definition	Washout Period	Care Setting			
5	Any cocaine-related disorder, in inpatient, ED, or outpatient care setting	All valid index dates during query period	0	*Inpatient hospital stay; *Non-acute institutional stay; *Emergency department encounter; *Ambulatory visit; *Other ambulatory visit	Any	Yes	*Death; *Data Partner End Date; *Query End Date
6	Any cocaine-related disorder, in ED or outpatient care setting	All valid index dates during query period	0	*Emergency department encounter; *Ambulatory visit; *Other ambulatory visit	n/a	Yes	*Death; *Data Partner End Date; *Query End Date
7	Any cocaine-related disorder, in inpatient care setting	All valid index dates during query period	0	Inpatient hospital stay	Any	Yes	*Death; *Data Partner End Date; *Query End Date
8	Any cocaine-related disorder, in institutional care setting	All valid index dates during query period	0	Non-acute institutional stay	Any	Yes	*Death; *Data Partner End Date; *Query End Date
9	Any alcohol-related disorder, in inpatient, ED, or outpatient care setting	All valid index dates during query period	0	*Inpatient hospital stay; *Non-acute institutional stay; *Emergency department encounter; *Ambulatory visit; *Other ambulatory visit	Any	Yes	*Death; *Data Partner End Date; *Query End Date
10	Any alcohol-related disorder, in ED or outpatient care setting	All valid index dates during query period	0	*Emergency department encounter; *Ambulatory visit; *Other ambulatory visit	n/a	Yes	*Death; *Data Partner End Date; *Query End Date

Appendix E. Specifications Used to Define Parameters in this Request

Scenario	Exposure/Event				Principal Diagnosis Position	Create Baseline Table?	Censor Enrollment at Evidence of
	Index Exposure/Event	Cohort Definition	Washout Period	Care Setting			
11	Any alcohol-related disorder, in inpatient care setting	All valid index dates during query period	0	Inpatient hospital stay	Any	Yes	*Death; *Data Partner End Date; *Query End Date
12	Any alcohol-related disorder, in institutional care setting	All valid index dates during query period	0	Non-acute institutional stay	Any	Yes	*Death; *Data Partner End Date; *Query End Date
13	Cannabis remission, in inpatient, ED, or outpatient care setting	All valid index dates during query period	0	*Inpatient hospital stay; *Non-acute institutional stay; *Emergency department encounter; *Ambulatory visit; *Other ambulatory visit	Any	Yes	*Death; *Data Partner End Date; *Query End Date
14	Cannabis remission, in ED or outpatient care setting	All valid index dates during query period	0	*Emergency department encounter; *Ambulatory visit; *Other ambulatory visit	n/a	Yes	*Death; *Data Partner End Date; *Query End Date
15	Cannabis remission, in inpatient care setting	All valid index dates during query period	0	Inpatient hospital stay	Any	Yes	*Death; *Data Partner End Date; *Query End Date
16	Cannabis remission, in institutional care setting	All valid index dates during query period	0	Non-acute institutional stay	Any	Yes	*Death; *Data Partner End Date; *Query End Date

Appendix E. Specifications Used to Define Parameters in this Request

Scenario	Index Exposure/Event	Cohort Definition	Washout Period	Exposure/Event		Principal Diagnosis Position	Create Baseline Table?	Censor Enrollment at Evidence of
				Care Setting				
17	Cocaine remission, in inpatient, ED, or outpatient care setting	All valid index dates during query period	0	*Inpatient hospital stay; *Non-acute institutional stay; *Emergency department encounter; *Ambulatory visit; *Other ambulatory visit		Any	Yes	*Death; *Data Partner End Date; *Query End Date
18	Cocaine remission, in ED or outpatient care setting	All valid index dates during query period	0	*Emergency department encounter; *Ambulatory visit; *Other ambulatory visit		n/a	Yes	*Death; *Data Partner End Date; *Query End Date
19	Cocaine remission, in inpatient care setting	All valid index dates during query period	0	Inpatient hospital stay		Any	Yes	*Death; *Data Partner End Date; *Query End Date
20	Cocaine remission, in institutional care setting	All valid index dates during query period	0	Non-acute institutional stay		Any	Yes	*Death; *Data Partner End Date; *Query End Date
21	Alcohol remission, in inpatient, ED, or outpatient care setting	All valid index dates during query period	0	*Inpatient hospital stay; *Non-acute institutional stay; *Emergency department encounter; *Ambulatory visit; *Other ambulatory visit		Any	Yes	*Death; *Data Partner End Date; *Query End Date
22	Alcohol remission, in ED or outpatient care setting	All valid index dates during query period	0	*Emergency department encounter; *Ambulatory visit; *Other ambulatory visit		n/a	Yes	*Death; *Data Partner End Date; *Query End Date

Appendix E. Specifications Used to Define Parameters in this Request

Scenario	Index Exposure/Event	Cohort Definition	Exposure/Event				Principal Diagnosis Position	Create Baseline Table?	Sensor Enrollment at Evidence of
			Washout Period	Care Setting					
23	Alcohol remission, in inpatient care setting	All valid index dates during query period	0	Inpatient hospital stay		Any	Yes	*Death; *Data Partner End Date; *Query End Date	
24	Alcohol remission, in institutional care setting	All valid index dates during query period	0	Non-acute institutional stay		Any	Yes	*Death; *Data Partner End Date; *Query End Date	
25	Cannabis use with psychotic disorder, in inpatient, ED, or outpatient care setting	All valid index dates during query period	0	*Inpatient hospital stay; *Non-acute institutional stay; *Emergency department encounter; *Ambulatory visit; *Other ambulatory visit		Any	Yes	*Death; *Data Partner End Date; *Query End Date	
26	Cannabis use with psychotic disorder, in ED or outpatient care setting	All valid index dates during query period	0	*Emergency department encounter; *Ambulatory visit; *Other ambulatory visit		n/a	Yes	*Death; *Data Partner End Date; *Query End Date	
27	Cannabis use with psychotic disorder, in inpatient care setting	All valid index dates during query period	0	Inpatient hospital stay		Any	Yes	*Death; *Data Partner End Date; *Query End Date	
28	Cannabis use with psychotic disorder, in institutional care setting	All valid index dates during query period	0	Non-acute institutional stay		Any	Yes	*Death; *Data Partner End Date; *Query End Date	
29	Cocaine use with psychotic disorder, in inpatient, ED, or outpatient care setting	All valid index dates during query period	0	*Inpatient hospital stay; *Non-acute institutional stay; *Emergency department encounter; *Ambulatory visit; *Other ambulatory visit		Any	Yes	*Death; *Data Partner End Date; *Query End Date	

Appendix E. Specifications Used to Define Parameters in this Request

Scenario	Index Exposure/Event	Cohort Definition	Washout Period	Exposure/Event		Principal Diagnosis Position	Create Baseline Table?	Censor Enrollment at Evidence of
				Care Setting				
30	Cocaine use with psychotic disorder, in ED or outpatient care setting	All valid index dates during query period	0	*Emergency department encounter; *Ambulatory visit; *Other ambulatory visit		n/a	Yes	*Death; *Data Partner End Date; *Query End Date
31	Cocaine use with psychotic disorder, in inpatient care setting	All valid index dates during query period	0	Inpatient hospital stay		Any	Yes	*Death; *Data Partner End Date; *Query End Date
32	Cocaine use with psychotic disorder, in institutional care setting	All valid index dates during query period	0	Non-acute institutional stay		Any	Yes	*Death; *Data Partner End Date; *Query End Date
33	Alcohol use with psychotic disorder, in inpatient, ED, or outpatient care setting	All valid index dates during query period	0	*Inpatient hospital stay; *Non-acute institutional stay; *Emergency department encounter; *Ambulatory visit; *Other ambulatory visit		Any	Yes	*Death; *Data Partner End Date; *Query End Date
34	Alcohol use with psychotic disorder, in ED or outpatient care setting	All valid index dates during query period	0	*Emergency department encounter; *Ambulatory visit; *Other ambulatory visit		n/a	Yes	*Death; *Data Partner End Date; *Query End Date
35	Alcohol use with psychotic disorder, in inpatient care setting	All valid index dates during query period	0	Inpatient hospital stay		Any	Yes	*Death; *Data Partner End Date; *Query End Date
36	Alcohol use with psychotic disorder, in institutional care setting	All valid index dates during query period	0	Non-acute institutional stay		Any	Yes	*Death; *Data Partner End Date; *Query End Date

Appendix E. Specifications Used to Define Parameters in this Request

Scenario	Index Exposure/Event	Cohort Definition	Washout Period	Exposure/Event		Principal Diagnosis Position	Create Baseline Table?	Censor Enrollment at Evidence of
				Care Setting				
37	Cannabis use disorders (DSM-5 definition), in inpatient, ED, or outpatient care setting	All valid index dates during query period	0	*Inpatient hospital stay; *Non-acute institutional stay; *Emergency department encounter; *Ambulatory visit; *Other ambulatory visit		Any	Yes	*Death; *Data Partner End Date; *Query End Date
38	Cannabis use disorders (DSM-5 definition), in ED or outpatient care setting	All valid index dates during query period	0	*Emergency department encounter; *Ambulatory visit; *Other ambulatory visit		n/a	Yes	*Death; *Data Partner End Date; *Query End Date
39	Cannabis use disorders (DSM-5 definition), in inpatient care setting	All valid index dates during query period	0	Inpatient hospital stay		Any	Yes	*Death; *Data Partner End Date; *Query End Date
40	Cannabis use disorders (DSM-5 definition), in institutional care setting	All valid index dates during query period	0	Non-acute institutional stay		Any	Yes	*Death; *Data Partner End Date; *Query End Date
41	Cocaine use disorders (DSM-5 definition), in inpatient, ED, or outpatient care setting	All valid index dates during query period	0	*Inpatient hospital stay; *Non-acute institutional stay; *Emergency department encounter; *Ambulatory visit; *Other ambulatory visit		Any	Yes	*Death; *Data Partner End Date; *Query End Date
42	Cocaine use disorders (DSM-5 definition), in ED or outpatient care setting	All valid index dates during query period	0	*Emergency department encounter; *Ambulatory visit; *Other ambulatory visit		n/a	Yes	*Death; *Data Partner End Date; *Query End Date

Appendix E. Specifications Used to Define Parameters in this Request

Scenario	Exposure/Event				Principal Diagnosis Position	Create Baseline Table?	Censor Enrollment at Evidence of
	Index Exposure/Event	Cohort Definition	Washout Period	Care Setting			
43	Cocaine use disorders (DSM-5 definition), in inpatient care setting	All valid index dates during query period	0	Inpatient hospital stay	Any	Yes	*Death; *Data Partner End Date; *Query End Date
44	Cocaine use disorders (DSM-5 definition), in institutional care setting	All valid index dates during query period	0	Non-acute institutional stay	Any	Yes	*Death; *Data Partner End Date; *Query End Date
45	Alcohol use disorders (DSM-5 definition), in inpatient, ED, or outpatient care setting	All valid index dates during query period	0	*Inpatient hospital stay; *Non-acute institutional stay; *Emergency department encounter; *Ambulatory visit; *Other ambulatory visit	Any	Yes	*Death; *Data Partner End Date; *Query End Date
46	Alcohol use disorders (DSM-5 definition), in ED or outpatient care setting	All valid index dates during query period	0	*Emergency department encounter; *Ambulatory visit; *Other ambulatory visit	n/a	Yes	*Death; *Data Partner End Date; *Query End Date
47	Alcohol use disorders (DSM-5 definition), in inpatient care setting	All valid index dates during query period	0	Inpatient hospital stay	Any	Yes	*Death; *Data Partner End Date; *Query End Date
48	Alcohol use disorders (DSM-5 definition), in institutional care setting	All valid index dates during query period	0	Non-acute institutional stay	Any	Yes	*Death; *Data Partner End Date; *Query End Date

Appendix E. Specifications Used to Define Parameters in this Request

Inclusion/Exclusion Criteria								
Scenario	Inclusion/Exclusion	Criteria	Care Setting	Principal Diagnosis Position	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
1								
2	Any cannabis-related disorder, in inpatient care setting	Exclusion	Inpatient hospital stay	Any	1	3	Evaluation period should search for evidence of ADATE start	1
3								
4								
5								
6	Any cocaine-related disorder, in inpatient care setting	Exclusion	Inpatient hospital stay	Any	1	3	Evaluation period should search for evidence of ADATE start	1
7								
8								
9								
10	Any alcohol-related disorder, in inpatient care setting	Exclusion	Inpatient hospital stay	Any	1	3	Evaluation period should search for evidence of ADATE start	1
11								
12								
13								
14	Cannabis remission, in inpatient care setting	Exclusion	Inpatient hospital stay	Any	1	3	Evaluation period should search for evidence of ADATE start	1
15								
16								

Appendix E. Specifications Used to Define Parameters in this Request

Inclusion/Exclusion Criteria								
Scenario	Inclusion/Exclusion	Criteria	Care Setting	Principal Diagnosis Position	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
17								
18	Cocaine remission, in inpatient care setting	Exclusion	Inpatient hospital stay	Any	1	3	Evaluation period should search for evidence of ADATE start	1
19								
20								
21								
22	Alcohol remission, in inpatient care setting	Exclusion	Inpatient hospital stay	Any	1	3	Evaluation period should search for evidence of ADATE start	1
23								
24								
25								
26	Cannabis use with psychotic disorder, in inpatient care setting	Exclusion	Inpatient hospital stay	Any	1	3	Evaluation period should search for evidence of ADATE start	1
27								
28								
29								
30	Cocaine use with psychotic disorder, in inpatient care setting	Exclusion	Inpatient hospital stay	Any	1	3	Evaluation period should search for evidence of ADATE start	1
31								
32								

Appendix E. Specifications Used to Define Parameters in this Request

Inclusion/Exclusion Criteria								
Scenario	Inclusion/Exclusion	Criteria	Care Setting	Principal Diagnosis Position	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
33								
34	Alcohol use with psychotic disorder, in inpatient care setting	Exclusion	Inpatient hospital stay	Any	1	3	Evaluation period should search for evidence of ADATE start	1
35								
36								
37								
38	Cannabis use disorders (DSM-5 definition), in inpatient care setting	Exclusion	Inpatient hospital stay	Any	1	3	Evaluation period should search for evidence of ADATE start	1
39								
40								
41								
42	Cocaine use disorders (DSM-5 definition), in inpatient care setting	Exclusion	Inpatient hospital stay	Any	1	3	Evaluation period should search for evidence of ADATE start	1
43								
44								
45								
46	Alcohol use disorders (DSM-5 definition), in inpatient care setting	Exclusion	Inpatient hospital stay	Any	1	3	Evaluation period should search for evidence of ADATE start	1
47								
48								

ICD-9, ICD-10, HCPCS, and CPT codes are provided by Optum360.
NDC codes are checked against First Data Bank's FDB MedKnowledge®.

Appendix F. Specifications Used to Define Baseline Characteristics in this Request

Covariates

Covariate Number	Covariate	Combo Covariate Criteria	Care Setting	Principal Diagnosis Position	Code Category	Evaluation Period Start	Evaluation Period End	Exclude Evidence of Days Supply if Covariate Includes Dispensings	Number of Instances the Covariate Should be Found in Evaluation Period
Clinical Characteristics									
1	Attention-Deficit Hyperactivity Disorder (ADHD)		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1
2	Anorexia and Weight Loss		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1
3	Anxiety Disorders		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1
4	Autism		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1
5	Cancer		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1
Cardiovascular Conditions									
6	Atrial Fibrillation		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1
7	Coronary Artery Disease		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1
8	Heart Failure		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1

Appendix F. Specifications Used to Define Baseline Characteristics in this Request

Covariates

Covariate Number	Covariate	Combo Covariate Criteria	Care Setting	Principal Diagnosis Position	Code Category	Evaluation Period Start	Evaluation Period End	Exclude Evidence of Days Supply if Covariate Includes Dispensings	Number of Instances the Covariate Should be Found in Evaluation Period
9	Hypertension		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1
10	Myocardial Infarction		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1
11	Stroke or Transient Ischemic Attack		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1
12	Other Cardiovascular Conditions		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1
Clinical Characteristics, continued									
13	Chronic Kidney Disease		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1
14	Chronic Liver Disease		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1
15	Chronic Pain		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1
16	Chronic Respiratory Conditions		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1

Appendix F. Specifications Used to Define Baseline Characteristics in this Request

Covariates

Covariate Number	Covariate	Combo Covariate Criteria	Care Setting	Principal Diagnosis Position	Code Category	Evaluation Period Start	Evaluation Period End	Exclude Evidence of Days Supply if Covariate Includes Dispensings	Number of Instances the Covariate Should be Found in Evaluation Period
17	Dementia		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1
18	Depression		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1
19	Diabetes		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1
20	Epilepsy		IP, ED, AV, OA	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1
21	Glaucoma		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1
22	HIV/AIDS		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1
23	Hyperlipidemia		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1
24	Inflammatory Bowel Disease		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1

Appendix F. Specifications Used to Define Baseline Characteristics in this Request

Covariates

Covariate Number	Covariate	Combo Covariate Criteria	Care Setting	Principal Diagnosis Position	Code Category	Evaluation Period Start	Evaluation Period End	Exclude Evidence of Days Supply if Covariate Includes Dispensings	Number of Instances the Covariate Should be Found in Evaluation Period
25	Mood Disorders		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1
26	Multiple Sclerosis		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1
27	Nausea		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1
28	Nicotine Use/Vaping		Any	Any	Diagnosis Code/NDC code	-183	-1	*Evaluation period should search for evidence of days supply	1
29	Obesity		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1
30	Parkinson's Disease		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1
31	Personality Disorders		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1
32	Post-Traumatic Stress Disorder		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1

Appendix F. Specifications Used to Define Baseline Characteristics in this Request

Covariates

Covariate Number	Covariate	Combo Covariate Criteria	Care Setting	Principal Diagnosis Position	Code Category	Evaluation Period Start	Evaluation Period End	Exclude Evidence of Days Supply if Covariate Includes Dispensings	Number of Instances the Covariate Should be Found in Evaluation Period
33	Psychotic Disorders		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1
34	Rheumatologic and Inflammatory Conditions		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1
35	Sleep Disorders		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1
Substance-Related Disorders									
36	Alcohol-Related Disorder		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1
37	Cannabis-Related Disorder		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1
50	Cocaine-Related Disorder		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1
51	Opioid-Related Disorder (combo)	((covar38 or covar39 or covar40 or covar41 or covar 42) and not ((covar42 and (covar36 or covar43)) and not covar38))			Combo Code				1

Appendix F. Specifications Used to Define Baseline Characteristics in this Request

Covariates

Covariate Number	Covariate	Combo Covariate Criteria	Care Setting	Principal Diagnosis Position	Code Category	Evaluation Period Start	Evaluation Period End	Exclude Evidence of Days Supply if Covariate Includes Dispensings	Number of Instances the Covariate Should be Found in Evaluation Period
Opioid-Related Disorder Components									
38	Opioid-Related Disorder 2		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1
39	Opioid-Related Disorder 3		IP, ED	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1
40	Opioid Medication Assisted Therapy HCPCS		Any	Any	Procedure Code	-183	-1	*Evaluation period should search for evidence of days supply	1
41	Buprenorphine NDCs		n/a		NDC Code	-183	-1	*Evaluation period should search for evidence of days supply	1
42	Naltrexone NDCs		n/a		NDC Code	-183	-1	*Evaluation period should search for evidence of days supply	1
Substance-Related Disorders, continued									
43	Other Drug-Related Disorders		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1
Substance Poisonings									
44	All Opioid Poisonings		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1
45	Cannabis Poisonings		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1

Appendix F. Specifications Used to Define Baseline Characteristics in this Request

Covariates

Covariate Number	Covariate	Combo Covariate Criteria	Care Setting	Principal Diagnosis Position	Code Category	Evaluation Period Start	Evaluation Period End	Exclude Evidence of Days Supply if Covariate Includes Dispensings	Number of Instances the Covariate Should be Found in Evaluation Period
46	All Stimulant Poisonings (except caffeine)		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1
47	Benzodiazepine Poisonings		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1
48	Alcohol Poisonings		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1
49	All Other Drug Poisonings (except caffeine)		Any	Any	Diagnosis Code	-183	-1	*Evaluation period should search for evidence of days supply	1

Appendix F. Specifications Used to Define Comorbidity Score, Healthcare Utilization, and Most Frequent Utilization Parameters in this Request

Comorbidity Score

Evaluation Period Start	Evaluation Period End
-183	-1

Utilization

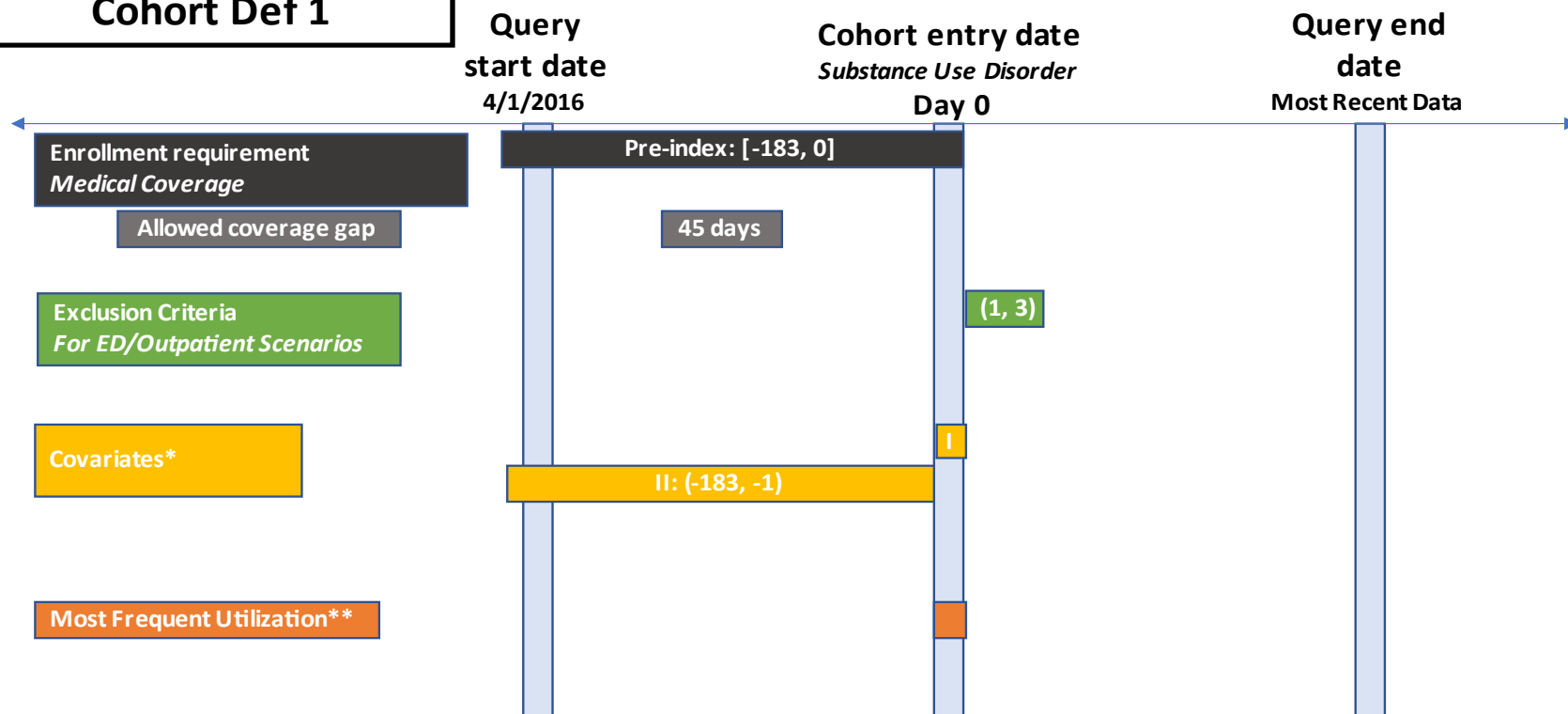
Medical Utilization Evaluation Period Start	Medical Utilization Evaluation Period End	Medical Visit Care Settings	Drug Utilization Evaluation Period Start	Drug Utilization Evaluation Period End
-183	-1	*Inpatient hospital stay; *Non-acute institutional stay; *Emergency department encounter; *Ambulatory visit; *Other ambulatory visit	-183	-1

Most Frequent Utilization

Number of Codes to Return	MFU Evaluation Period Start	MFU Evaluation Period End	Code Category	Encounter Care Setting	Principal Encounter	Counting Method
10	0	0	Diagnosis codes	Any care setting (ED*, AV*, OA*, IS*, IP*)	n/a	The MFU output is sorted by patient counts

Appendix H. Design Diagram of Cohort Entry Requirements

**Type 1 design diagram:
Cohort Def 1**



***Covariates:**

Window I: Age, year, race, sex

Window II: Healthcare utilization, clinical characteristics