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

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

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

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

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Overview for Request: cder_mpl1p_wp052_nsdv_v02

Request ID: cder_mpl1p_wp052_nsdv_v02

Request Description: In this request, we describe infants in the Mother-Infant Linkage (MIL) table of the Sentinel Distributed Database (SDD) paired to a mother via a live-birth delivery in the MIL table, as well as infants without paired mothers in the MIL table. This is a rerun of a prior query due to revisions in the codelists for some medications.

Sentinel Routine Querying Module: Cohort Identification and Descriptive Analysis (CIDA) module, version 10.3.2.

Data Source: We distributed this request to all four Sentinel Data Partners that populate the MIL table on January 14, 2022. The study period included live-birth deliveries from January 1, 2000 through March 31, 2021. Please see Appendix A for a list of dates of available data for each Data Partner.

Study Design: We used a CIDA 'Type 4' study design with custom programming to assess: 1) infant demographic characteristics, 2) mother demographics and delivery characteristics among infants with paired mothers, 3) evidence of certain major congenital malformations, comorbidities, and medication dispensings in the infants' first 365 days of enrollment, and 4) evidence of certain immunizations and medication administrations in the infants' first 28 days of enrollment. We described three populations overall: 1) all infants (regardless of pairing to a mother), 2) all infants paired to mothers via a live-birth singleton delivery, and 3) infants without paired mothers. We present characteristics of the latter two populations stratified by infant's first continuous enrollment duration (<1 month, 1-6 months, 6-12 months, 12-24 months, and >24 months). We additionally present characteristics of infants paired to mothers via a live-birth singleton delivery stratified by mother's age at delivery (10-17, 18-39, and 40-54 years) and length of mother's pre-delivery enrollment (<391 and >=391 days).

Pregnancy Episode Creation: We identified live-birth deliveries and estimated the pregnancy episode start date using a claims-based algorithm¹. This algorithm used International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) diagnosis codes indicating weeks of gestation and International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and ICD-10-CM diagnosis codes for pre-term and post-term deliveries. Codes had to occur within seven days of a delivery date in the inpatient setting. In absence of pre-/post-term or gestational week codes, pregnancy duration was set to 273 days. Pregnancies were excluded from the cohort if there was evidence of another delivery in the 180 days before the delivery date of interest. Please see Appendix B for the list of ICD-9-CM and ICD-10 CM codes used to identify live-birth deliveries.

Cohort Eligibility Criteria: Only infants from live-birth deliveries present in the MIL table were considered for the cohort. To be eligible for the MIL table, infant date of birth must be at least one year later than the start of Data Partner data availability and they must have at least one day of enrollment with medical coverage during their first year of life. In order to successfully link a mother to her infant via the live-birth delivery, the delivery encounter must have occurred at least one year later than the start of Data Partner data availability, and the mother had to be between 10 and 54 years of age with at least 180 days of continuous medical coverage (gaps of up to 45 days allowed) without evidence of delivery in the 180 days prior to index live-birth delivery. We additionally required mothers to be enrolled in health plans with medical and drug coverage in the 391 days prior to their delivery date in order to be included in the cohort; a gap in coverage of up to 45 days was allowed and treated as continuous enrollment. For infants paired to a mother, infants were required to have medical and drug coverage at enrollment start. There was no limitation set on the length of time between infant birth date and enrollment start. The infant's birth date was required to be within three days of the delivery date (defined as the admission date for the delivery encounter).

Overview for Request: cder_mpl1p_wp052_nsdv_v02

Baseline Characteristics: We assessed mother demographics and delivery characteristics, and infant demographics, medication administrations, vaccinations, comorbidities, and major congenital malformations within the infant, mother, or both medical records at 0-28, 0-365, or 29-365 days, depending on the characteristic of interest. Please see Appendix C for a list of ICD-9-CM, ICD-10-CM, International Classification of Diseases, Tenth Revision, Procedural Classification System (ICD-10-PCS), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) codes used to define baseline characteristics in this request. Please see Appendix D for a list of ICD-9-CM, ICD-10-CM, HCPCS, and CPT-4 codes used to define live birth delivery exclusion in this request. Please see Appendix E for a list of generic and brand name medical products used to define baseline characteristics in this request. Please see Appendices F, G and H for specifications defining parameters and Appendix I for diagrams detailing the design of this request.

Limitations: Algorithms used to estimate pregnancy duration, baseline characteristics, and exposures are imperfect; thus, it is possible that there may be misclassification. Therefore, data should be interpreted with this limitation 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>).

¹ Andrade, S. E., et al. (2012). "Medication Exposure in Pregnancy Risk Evaluation Program." *Maternal Child Health J* 16(7):1349-1354.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

*all terms may not be used in this report

Table 1. Aggregated Baseline Characteristics of All Infants (Regardless of Pairing to a Mother) in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021

Characteristic	Number	Percent
Number of unique infants	2,868,310	100.0%
Infant Characteristics		
Birth Year		
2000	0	0.0%
2001	19,205	0.7%
2002	19,090	0.7%
2003	17,147	0.6%
2004	17,180	0.6%
2005	18,164	0.6%
2006	18,903	0.7%
2007	89,294	3.1%
2008	90,432	3.2%
2009	235,676	8.2%
2010	216,074	7.5%
2011	200,303	7.0%
2012	189,313	6.6%
2013	198,620	6.9%
2014	214,694	7.5%
2015	223,660	7.8%
2016	228,673	8.0%
2017	226,988	7.9%
2018	224,515	7.8%
2019	217,349	7.6%
2020	185,756	6.5%
2021	17,274	0.6%
Sex		
Female	1,398,618	48.8%
Male	1,469,468	51.2%
Race²		
American Indian or Alaska Native	1,608	0.1%
Asian	2,929	0.1%
Black or African American	100,843	3.5%
Native Hawaiian or Other Pacific Islander	12	0.0%
White	145,466	5.1%
Unknown	2,617,452	91.3%
Ethnicity		
Hispanic or Latino	2,775	0.1%
Not Hispanic or Latino	237,995	8.3%
Unknown	2,627,540	91.6%
Mean Birth-Enrollment Gap (Days)		
	Mean	Standard Deviation
	3.3	35.0
Birth-Enrollment Gap Categories (Days)		
	Number	Percent
0-14	2,708,280	94.4%
15-30	94,134	3.3%
31-90	22,429	0.8%
>90	43,467	1.5%

Table 1. Aggregated Baseline Characteristics of All Infants (Regardless of Pairing to a Mother) in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021

Mean Continuous Enrollment (Days)	Mean	Standard Deviation
	995.2	1060.9
Continuous Enrollment Categories (Days)	Number	Percent
<=30	297,516	10.4%
31-183	422,338	14.7%
184-365	373,028	13.0%
366-729	526,074	18.3%
>=730	1,249,354	43.6%
Birth Type		
Singleton	2,687,895	93.7%
Multiples	88,639	3.1%
Unknown	91,776	3.2%
Mother Characteristics	Mean	Standard Deviation
Mean Age at Delivery (Years)	31.1	4.8
Age at Delivery (Years)	Number	Percent
10-17	27,659	1.0%
18-39	2,718,389	94.8%
40-54	122,262	4.3%
Length of Pre-Delivery Coverage (Days)		
<391	297,049	10.4%
>=391	2,571,261	89.6%
Mean Gestational Age at Delivery (Days)³	Mean	Standard Deviation
	39.8	1.5
Delivery Status	Number	Percent
Pre-Term (0-258 days gestation)	212,139	7.4%
Term (259-280 days gestation)	749,910	26.1%
Post-Term (281-301 days gestation)	507,772	17.7%
Unknown Term	1,398,489	48.8%
Clinical Characteristics Identified by Searching Mother and Infant Record [0, 28 Days]		
Evidence of Neonatal Medication Administrations	Number	Percent
Any antibiotic	52,330	1.8%
Ampicillin	6,557	0.2%
Cefotaxime	717	0.0%
Any corticosteroid	12,978	0.5%
Gentamicin	3,586	0.1%
Any opioid	32,480	1.1%
Any surfactant	1,856	0.1%
Any vitamin	31,914	1.1%
Any vitamin K	29,305	1.0%
Evidence of Neonatal Outcomes		
Bronchopulmonary dysplasia	5,166	0.2%
Fetal alcohol syndrome	327	0.0%
Low birth weight	124,191	4.3%
Necrotizing enterocolitis	2,733	0.1%
Neonatal abstinence syndrome	13,874	0.5%
Neonatal sepsis	32,899	1.1%
Retinopathy of prematurity	11,251	0.4%
Respiratory distress syndrome	78,976	2.8%

Table 1. Aggregated Baseline Characteristics of All Infants (Regardless of Pairing to a Mother) in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021

Evidence of Medication Dispensings	Number	Percent
Antibiotics	334,965	11.7%
Anticonvulsants	22,419	0.8%
Antidiabetic agents	17,127	0.6%
Antihistamines	27,103	0.9%
Antihypertensives	19,058	0.7%
Asthma medications	25,743	0.9%
Glucocorticoids	103,040	3.6%
Proton pump inhibitors	21,138	0.7%
Evidence of Immunizations⁴		
Hepatitis B	168,702	5.9%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	111,177	3.9%
Anemia	199,795	7.0%
Asthma	63,383	2.2%
Cancer of the central nervous system	63	0.0%
Cancer of the lymphoid, hematopoietic tissues	1,144	0.0%
Cancer, other	3,132	0.1%
Diabetes mellitus	28,503	1.0%
Epilepsy	8,158	0.3%
Gastroesophageal reflux disease	147,221	5.1%
Hypertension	46,197	1.6%
Influenza	3,124	0.1%
Intellectual disabilities and related conditions	9,784	0.3%
Irritable bowel syndrome	5,905	0.2%
Measles	9	0.0%
Meningitis	3,522	0.1%
Mumps	18	0.0%
Otitis media	10,428	0.4%
Pertussis	169	0.0%
Pneumonia	10,767	0.4%
Rubella	431	0.0%
Sickle cell disease	1,156	0.0%
Sinusitis	14,727	0.5%
Clinical Characteristics Identified by Searching Infant Record Only [0, 28 Days]		
Evidence of Neonatal Medication Administrations		
Any antibiotic	9,519	0.3%
Ampicillin	3,059	0.1%
Cefotaxime	587	0.0%
Any corticosteroid	577	0.0%
Gentamicin	1,863	0.1%
Any opioid	690	0.0%
Any surfactant	1,737	0.1%
Any vitamin	21,188	0.7%
Any vitamin K	19,502	0.7%

Table 1. Aggregated Baseline Characteristics of All Infants (Regardless of Pairing to a Mother) in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021

Evidence of Neonatal Outcomes	Number	Percent
Bronchopulmonary dysplasia	4,907	0.2%
Fetal alcohol syndrome	264	0.0%
Low birth weight	110,305	3.8%
Necrotizing enterocolitis	2,503	0.1%
Neonatal abstinence syndrome	11,013	0.4%
Neonatal sepsis	30,118	1.1%
Retinopathy of prematurity	10,881	0.4%
Respiratory distress syndrome	73,065	2.5%
Evidence of Medication Dispensings		
Antibiotics	10,139	0.4%
Anticonvulsants	1,040	0.0%
Antidiabetic agents	5	0.0%
Antihistamines	304	0.0%
Antihypertensives	228	0.0%
Asthma medications	1,477	0.1%
Glucocorticoids	4,935	0.2%
Proton pump inhibitors	4,568	0.2%
Evidence of Immunizations⁴		
Hepatitis B	143,492	5.0%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	51,433	1.8%
Anemia	11,363	0.4%
Asthma	754	0.0%
Cancer of the central nervous system	20	0.0%
Cancer of the lymphoid, hematopoietic tissues	342	0.0%
Cancer, other	597	0.0%
Diabetes mellitus	866	0.0%
Epilepsy	1,680	0.1%
Gastroesophageal reflux disease	98,611	3.4%
Hypertension	1,859	0.1%
Influenza	906	0.0%
Intellectual disabilities and related conditions	8,046	0.3%
Irritable bowel syndrome	123	0.0%
Measles	2	0.0%
Meningitis	3,001	0.1%
Mumps	1	0.0%
Otitis media	5,012	0.2%
Pertussis	109	0.0%
Pneumonia	6,105	0.2%
Rubella	44	0.0%
Sickle cell disease	393	0.0%
Sinusitis	813	0.0%

Table 1. Aggregated Baseline Characteristics of All Infants (Regardless of Pairing to a Mother) in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021

Clinical Characteristics Identified by Searching Infant Record Only [29, 365 Days]		
Evidence of Medication Dispensings	Number	Percent
Antibiotics	992,209	34.6%
Anticonvulsants	6,764	0.2%
Antidiabetic agents	98	0.0%
Antihistamines	150,610	5.3%
Antihypertensives	2,821	0.1%
Asthma medications	314,911	11.0%
Glucocorticoids	484,475	16.9%
Proton pump inhibitors	74,534	2.6%
Evidence of Immunizations⁴		
Hepatitis A	37,194	1.3%
Hepatitis B	2,189,014	76.3%
Diphtheria, tetanus, acellular pertussis	2,256,499	78.7%
Haemophilus influenza type B	2,237,755	78.0%
Inactivated Poliovirus	2,227,514	77.7%
Influenza (Live Attenuated or Inactivated)	1,041,058	36.3%
Measles, Mumps, Rubella	60,451	2.1%
Meningococcal (A, C, W, Y)	4,111	0.1%
Pneumococcal (PCV13 only)	2,238,163	78.0%
Rotavirus	2,007,847	70.0%
Varicella	40,210	1.4%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	369,689	12.9%
Anemia	56,293	2.0%
Asthma	79,594	2.8%
Cancer of the central nervous system	72	0.0%
Cancer of the lymphoid, hematopoietic tissues	922	0.0%
Cancer, other	1,706	0.1%
Diabetes mellitus	1,241	0.0%
Epilepsy	7,406	0.3%
Gastroesophageal reflux disease	363,042	12.7%
Hypertension	3,616	0.1%
Influenza	66,701	2.3%
Intellectual disabilities and related conditions	8,815	0.3%
Irritable bowel syndrome	669	0.0%
Measles	69	0.0%
Meningitis	3,886	0.1%
Mumps	29	0.0%
Otitis media	860,086	30.0%
Pertussis	2,433	0.1%
Pneumonia	65,210	2.3%
Rubella	469	0.0%
Sickle cell disease	1,366	0.0%
Sinusitis	121,122	4.2%

Table 1. Aggregated Baseline Characteristics of All Infants (Regardless of Pairing to a Mother) in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021

Clinical Characteristics Identified by Searching Infant and Mother Record [0, 365 Days]		
Evidence of Major Congenital Malformations	Number	Percent
Central Nervous System		
Encephalocele, cranial meningocele, encephalomyelocele	482	0.0%
Holoprosencephaly	2,044	0.1%
Microcephalus	5,089	0.2%
Spina bifida	2,555	0.1%
Eye, Ear, Nose, Throat (EENT)		
Anophthalmia, microphthalmia	579	0.0%
Anotia, microtia	911	0.0%
Cataracts and other lens defects	1,939	0.1%
Cardiac		
Other cardiac defects: septal defects, heterotaxy, papvr	1,987	0.1%
Pulmonary venous return, anomalous coronary artery	696	0.0%
Severe cardiac defects	40,379	1.4%
Orofacial/Respiratory		
Choanal atresia/stenosis	876	0.0%
Cleft palate/lip	5,669	0.2%
Gastrointestinal		
Biliary atresia	654	0.0%
Esophageal atresia + tracheoesophageal fistula	1,118	0.0%
Exstrophy, bladder	164	0.0%
Intestinal atresia/stenosis	3,517	0.1%
Pyloric stenosis	6,853	0.2%
Genitourinary/Renal		
Congenital hydronephrosis	22,082	0.8%
Hypospadias — second or third degree	19,602	0.7%
Posterior urethral valve/and/or prune belly	107	0.0%
Renal agenesis/hypoplasia	2,835	0.1%
Renal dysplasia	1,724	0.1%
Musculoskeletal Malformations		
Diaphragmatic hernia	1,249	0.0%
Gastroschisis or omphalocele	3,834	0.1%
Limb deficiency	1,405	0.0%
Sacral agenesis	1,267	0.0%

¹Value represents standard deviation where no % follows the value.

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

³Gestational age is esimated using a claims-based algorithm, previously validated in the Medication Exposure in Pregnancy Risk Evaluation Program (MEPREP), to identify pregnancies ending in a live birth. ICD-10-CM diagnosis codes indicative of weeks of gestation, and ICD-9-CM and ICD-10-CM diagnosis codes for pre- and post-term deliveries were used to calculate the length of the pregnancy episode. Codes had to occur within 7 days of a delivery date in the inpatient setting. In the absence of pre-/post-term codes, pregnancy duration was set to 273 days.

⁴Only immunizations recommended by the CDC in the evaluation window are shown. Centers for Disease Control and Prevention. “Recommended Child and Adolescent Immunization Schedule for Ages 18 Years or Younger.” United States: U.S. Department of Health and Human Services, 2020.

Table 2a. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021

Characteristic	Number	Percent
Number of unique infants	2,687,895	100.0%
Infant Characteristics		
Birth Year		
2000	0	0.0%
2001	18,172	0.7%
2002	17,809	0.7%
2003	15,993	0.6%
2004	16,304	0.6%
2005	17,226	0.6%
2006	18,126	0.7%
2007	83,887	3.1%
2008	85,204	3.2%
2009	216,350	8.0%
2010	197,783	7.4%
2011	183,914	6.8%
2012	173,809	6.5%
2013	182,870	6.8%
2014	197,283	7.3%
2015	207,338	7.7%
2016	218,775	8.1%
2017	217,515	8.1%
2018	215,613	8.0%
2019	208,312	7.8%
2020	178,974	6.7%
2021	16,638	0.6%
Sex		
Female	1,310,861	48.8%
Male	1,376,827	51.2%
Race[†]		
American Indian or Alaska Native	1,271	0.0%
Asian	2,692	0.1%
Black or African American	96,123	3.6%
Native Hawaiian or Other Pacific Islander	12	0.0%
White	138,958	5.2%
Unknown	2,448,839	91.1%
Ethnicity		
Hispanic or Latino	2,546	0.1%
Not Hispanic or Latino	228,068	8.5%
Unknown	2,457,281	91.4%
Mean Birth-Enrollment Gap (Days)	Mean	Standard Deviation
	3.3	35.1
Birth-Enrollment Gap Categories (Days)	Number	Percent
0-14	2,538,714	94.4%
15-30	87,295	3.2%
31-90	20,937	0.8%
>90	40,949	1.5%

Table 2a. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021

Mean Continuous Enrollment (Days)	Mean	Standard Deviation
	993.9	1058.3
Continuous Enrollment Categories (Days)	Number	Percent
<=30	279,440	10.4%
31-183	394,965	14.7%
184-365	348,743	13.0%
366-729	494,563	18.4%
>=730	1,170,184	43.5%
Birth Type		
Singleton	2,687,895	100.0%
Multiples	0	0.0%
Unknown	0	0.0%
Mother Characteristics	Mean	Standard Deviation
Mean Age at Delivery (Years)	31.0	4.7
Age at Delivery (Years)	Number	Percent
10-17	26,833	1.0%
18-39	2,552,769	95.0%
40-54	108,293	4.0%
Length of Pre-Delivery Coverage (Days)		
<391	278,997	10.4%
>=391	2,408,898	89.6%
Mean Gestational Age at Delivery (Days)³	39.9	1.4
Delivery Status		
Pre-term (0-258 days gestation)	156,018	5.8%
Term (259-280 days gestation)	730,204	27.2%
Post-term (281-301 days gestation)	495,579	18.4%
Unknown term	1,306,094	48.6%
Clinical Characteristics Identified by Searching Mother and Infant Record [0, 28 Days]		
Evidence of Neonatal Medication Administrations		
Any antibiotic	51,023	1.9%
Ampicillin	6,144	0.2%
Cefotaxime	673	0.0%
Any corticosteroid	12,934	0.5%
Gentamicin	3,328	0.1%
Any opioid	32,375	1.2%
Any surfactant	1,345	0.1%
Any vitamin	29,471	1.1%
Any vitamin K	27,160	1.0%
Evidence of Neonatal Outcomes		
Bronchopulmonary dysplasia	3,661	0.1%
Fetal alcohol syndrome	307	0.0%
Low birth weight	84,649	3.1%
Necrotizing enterocolitis	2,047	0.1%
Neonatal abstinence syndrome	13,156	0.5%
Neonatal sepsis	27,544	1.0%
Retinopathy of prematurity	7,320	0.3%
Respiratory distress syndrome	62,069	2.3%

Table 2a. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021

Evidence of Medication Dispensings	Number	Percent
Antibiotics	334,479	12.4%
Anticonvulsants	22,345	0.8%
Antidiabetic agents	17,127	0.6%
Antihistamines	27,091	1.0%
Antihypertensives	19,049	0.7%
Asthma medications	25,678	1.0%
Glucocorticoids	102,847	3.8%
Proton pump inhibitors	20,877	0.8%
Evidence of Immunizations⁴		
Hepatitis B	159,147	5.9%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	108,584	4.0%
Anemia	198,181	7.4%
Asthma	63,333	2.4%
Cancer of the central nervous system	62	0.0%
Cancer of the lymphoid, hematopoietic tissues	1,109	0.0%
Cancer, other	3,069	0.1%
Diabetes mellitus	28,417	1.1%
Epilepsy	8,040	0.3%
Gastroesophageal reflux disease	139,851	5.2%
Hypertension	45,919	1.7%
Influenza	3,063	0.1%
Intellectual disabilities and related conditions	9,127	0.3%
Irritable bowel syndrome	5,895	0.2%
Measles	9	0.0%
Meningitis	3,256	0.1%
Mumps	18	0.0%
Otitis media	10,205	0.4%
Pertussis	164	0.0%
Pneumonia	10,119	0.4%
Rubella	429	0.0%
Sickle cell disease	1,116	0.0%
Sinusitis	14,676	0.5%
Clinical Characteristics Identified by Searching Infant Record Only [0, 28 Days]		
Evidence of Neonatal Medication Administrations		
Any antibiotic	8,212	0.3%
Ampicillin	2,646	0.1%
Cefotaxime	543	0.0%
Any corticosteroid	533	0.0%
Gentamicin	1,605	0.1%
Any opioid	585	0.0%
Any surfactant	1,226	0.0%
Any vitamin	18,745	0.7%
Any vitamin K	17,357	0.6%

Table 2a. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021

Evidence of Neonatal Outcomes	Number	Percent
Bronchopulmonary dysplasia	3,402	0.1%
Fetal alcohol syndrome	244	0.0%
Low birth weight	70,763	2.6%
Necrotizing enterocolitis	1,817	0.1%
Neonatal abstinence syndrome	10,295	0.4%
Neonatal sepsis	24,763	0.9%
Retinopathy of prematurity	6,950	0.3%
Respiratory distress syndrome	56,158	2.1%
Evidence of Medication Dispensings		
Antibiotics	9,653	0.4%
Anticonvulsants	966	0.0%
Antidiabetic agents	5	0.0%
Antihistamines	292	0.0%
Antihypertensives	219	0.0%
Asthma medications	1,412	0.1%
Glucocorticoids	4,742	0.2%
Proton pump inhibitors	4,307	0.2%
Evidence of Immunizations⁴		
Hepatitis B	133,937	5.0%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	48,840	1.8%
Anemia	9,749	0.4%
Asthma	704	0.0%
Cancer of the central nervous system	19	0.0%
Cancer of the lymphoid, hematopoietic tissues	307	0.0%
Cancer, other	534	0.0%
Diabetes mellitus	780	0.0%
Epilepsy	1,562	0.1%
Gastroesophageal reflux disease	91,241	3.4%
Hypertension	1,581	0.1%
Influenza	845	0.0%
Intellectual disabilities and related conditions	7,389	0.3%
Irritable bowel syndrome	113	0.0%
Measles	2	0.0%
Meningitis	2,735	0.1%
Mumps	1	0.0%
Otitis media	4,789	0.2%
Pertussis	104	0.0%
Pneumonia	5,457	0.2%
Rubella	42	0.0%
Sickle cell disease	353	0.0%
Sinusitis	762	0.0%

Table 2a. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021

Clinical Characteristics Identified by Searching Infant Record Only [29, 365 Days]		
Evidence of Medication Dispensings	Number	Percent
Antibiotics	937,109	34.9%
Anticonvulsants	6,289	0.2%
Antidiabetic agents	95	0.0%
Antihistamines	144,040	5.4%
Antihypertensives	2,517	0.1%
Asthma medications	295,665	11.0%
Glucocorticoids	457,495	17.0%
Proton pump inhibitors	67,321	2.5%
Evidence of Immunizations⁴		
Hepatitis A	35,191	1.3%
Hepatitis B	2,058,891	76.6%
Diphtheria, tetanus, acellular pertussis	2,121,085	78.9%
Haemophilus influenza type B	2,103,433	78.3%
Inactivated Poliovirus	2,094,280	77.9%
Influenza (Live Attenuated or Inactivated)	975,000	36.3%
Measles, Mumps, Rubella	57,120	2.1%
Meningococcal (A, C, W, Y)	3,876	0.1%
Pneumococcal (PCV13 only)	2,103,795	78.3%
Rotavirus	1,888,119	70.2%
Varicella	37,879	1.4%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	352,057	13.1%
Anemia	51,113	1.9%
Asthma	74,266	2.8%
Cancer of the central nervous system	66	0.0%
Cancer of the lymphoid, hematopoietic tissues	853	0.0%
Cancer, other	1,558	0.1%
Diabetes mellitus	1,142	0.0%
Epilepsy	6,914	0.3%
Gastroesophageal reflux disease	333,970	12.4%
Hypertension	3,204	0.1%
Influenza	63,479	2.4%
Intellectual disabilities and related conditions	8,117	0.3%
Irritable bowel syndrome	628	0.0%
Measles	67	0.0%
Meningitis	3,573	0.1%
Mumps	27	0.0%
Otitis media	813,738	30.3%
Pertussis	2,254	0.1%
Pneumonia	61,138	2.3%
Rubella	446	0.0%
Sickle cell disease	1,253	0.0%
Sinusitis	114,271	4.3%

Table 2a. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021

Clinical Characteristics Identified by Searching Infant and Mother Record [0, 365 Days]		
Evidence of Major Congenital Malformations	Number	Percent
Central Nervous System		
Encephalocele, cranial meningocele, encephalomyelocele	440	0.0%
Holoprosencephaly	1,875	0.1%
Microcephalus	4,734	0.2%
Spina bifida	2,430	0.1%
Eye, Ear, Nose, Throat (EENT)		
Anophthalmia, microphthalmia	540	0.0%
Anotia, microtia	842	0.0%
Cataracts and other lens defects	1,835	0.1%
Cardiac		
Other cardiac defects: septal defects, heterotaxy, papvr	635	0.0%
Pulmonary venous return, anomalous coronary artery	1,836	0.1%
Severe cardiac defects	37,044	1.4%
Orofacial/Respiratory		
Choanal atresia/stenosis	791	0.0%
Cleft palate/lip	5,294	0.2%
Gastrointestinal		
Biliary atresia	584	0.0%
Esophageal atresia + tracheoesophageal fistula	1,004	0.0%
Exstrophy, bladder	148	0.0%
Intestinal atresia/stenosis	3,222	0.1%
Pyloric stenosis	6,377	0.2%
Genitourinary/Renal		
Congenital hydronephrosis	20,542	0.8%
Hypospadias — second or third degree	18,122	0.7%
Posterior urethral valve/and/or prune belly	101	0.0%
Renal agenesis/hypoplasia	2,660	0.1%
Renal dysplasia	1,593	0.1%
Musculoskeletal Malformations		
Diaphragmatic hernia	1,124	0.0%
Gastroschisis or omphalocele	3,547	0.1%
Limb deficiency	1,279	0.0%
Sacral agenesis	1,202	0.0%

¹Value represents standard deviation where no % follows the value.

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

³Gestational age is esimated using a claims-based algorithm, previously validated in the Medication Exposure in Pregnancy Risk Evaluation Program (MEPREP), to identify pregnancies ending in a live birth. ICD-10-CM diagnosis codes indicative of weeks of gestation, and ICD-9-CM and ICD-10-CM diagnosis codes for pre- and post-term deliveries were used to calculate the length of the pregnancy episode. Codes had to occur within 7 days of a delivery date in the inpatient setting. In the absence of pre-/post-term codes, pregnancy duration was set to 273 days.

⁴Only immunizations recommended by the CDC in the evaluation window are shown. Centers for Disease Control and Prevention. “Recommended Child and Adolescent Immunization Schedule for Ages 18 Years or Younger.” United States: U.S. Department of Health and Human Services, 2020.

Table 2b. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose Mothers had <391 Days Pre-Delivery Coverage

Characteristic	Number	Percent
Number of unique infants	278,997	100.0%
Infant Characteristics		
Birth Year		
2000	0	0.0%
2001	1,760	0.6%
2002	732	0.3%
2003	846	0.3%
2004	1,086	0.4%
2005	1,155	0.4%
2006	992	0.4%
2007	11,649	4.2%
2008	7,797	2.8%
2009	29,017	10.4%
2010	17,952	6.4%
2011	17,184	6.2%
2012	16,647	6.0%
2013	22,055	7.9%
2014	23,196	8.3%
2015	21,907	7.9%
2016	23,276	8.3%
2017	22,067	7.9%
2018	21,300	7.6%
2019	19,727	7.1%
2020	17,474	6.3%
2021	1,178	0.4%
Sex		
Female	136,358	48.9%
Male	142,614	51.1%
Race²		
American Indian or Alaska Native	100	0.0%
Asian	302	0.1%
Black or African American	4,062	1.5%
Native Hawaiian or Other Pacific Islander	3	0.0%
White	9,716	3.5%
Unknown	264,814	94.9%
Ethnicity		
Hispanic or Latino	300	0.1%
Not Hispanic or Latino	12,661	4.5%
Unknown	266,036	95.4%
Mean Birth-Enrollment Gap (Days)	Mean	Standard Deviation
	3.2	26.4

Table 2b. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose Mothers had <391 Days Pre-Delivery Coverage

Birth-Enrollment Gap Categories (Days)	Number	Percent
0-14	263,410	94.4%
15-30	9,366	3.4%
31-90	3,012	1.1%
>90	3,209	1.2%
Mean Continuous Enrollment (Days)	Mean	Standard Deviation
	795.2	933.9
Continuous Enrollment Categories (Days)	Number	Percent
<=30	43,321	15.5%
31-183	47,247	16.9%
184-365	37,401	13.4%
366-729	51,267	18.4%
>=730	99,761	35.8%
Birth Type		
Singleton	278,997	100.0%
Multiples	0	0.0%
Unknown	0	0.0%
Mother Characteristics	Mean	Standard Deviation
Mean Age at Delivery (Years)	30.6	4.8
Age at Delivery (Years)	Number	Percent
10-17	1,262	0.5%
18-39	268,583	96.3%
40-54	9,152	3.3%
Length of Pre-Delivery Coverage (Days)		
<391	278,997	100.0%
>=391	0	0.0%
Mean Gestational Age at Delivery (Days)³	Mean	Standard Deviation
	39.9	1.4
Delivery Status	Number	Percent
Pre-term (0-258 days gestation)	15,834	5.7%
Term (259-280 days gestation)	73,154	26.2%
Post-term (281-301 days gestation)	53,988	19.4%
Unknown term	136,021	48.8%
Clinical Characteristics Identified by Searching Mother and Infant Record [0, 28 Days]		
Evidence of Neonatal Medication Administrations		
Any antibiotic	43,593	15.6%
Ampicillin	3,767	1.4%
Cefotaxime	183	0.1%
Any corticosteroid	12,462	4.5%
Gentamicin	1,889	0.7%
Any opioid	31,859	11.4%
Any surfactant	257	0.1%
Any vitamin	12,868	4.6%
Any vitamin K	11,822	4.2%

Table 2b. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose Mothers had <391 Days Pre-Delivery Coverage

Evidence of Neonatal Outcomes	Number	Percent
Bronchopulmonary dysplasia	644	0.2%
Fetal alcohol syndrome	86	0.0%
Low birth weight	21,320	7.6%
Necrotizing enterocolitis	421	0.2%
Neonatal abstinence syndrome	3,594	1.3%
Neonatal sepsis	5,567	2.0%
Retinopathy of prematurity	1,145	0.4%
Respiratory distress syndrome	11,895	4.3%
Evidence of Medication Dispensings		
Antibiotics	325,809	116.8%
Anticonvulsants	21,462	7.7%
Antidiabetic agents	17,123	6.1%
Antihistamines	26,833	9.6%
Antihypertensives	18,850	6.8%
Asthma medications	24,425	8.8%
Glucocorticoids	98,590	35.3%
Proton pump inhibitors	17,007	6.1%
Evidence of Immunizations⁴		
Hepatitis B	38,915	13.9%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	64,833	23.2%
Anemia	189,455	67.9%
Asthma	62,698	22.5%
Cancer of the central nervous system	44	0.0%
Cancer of the lymphoid, hematopoietic tissues	832	0.3%
Cancer, other	2,588	0.9%
Diabetes mellitus	27,729	9.9%
Epilepsy	6,643	2.4%
Gastroesophageal reflux disease	57,845	20.7%
Hypertension	44,514	16.0%
Influenza	2,322	0.8%
Intellectual disabilities and related conditions	2,498	0.9%
Irritable bowel syndrome	5,795	2.1%
Measles	7	0.0%
Meningitis	776	0.3%
Mumps	17	0.0%
Otitis media	5,902	2.1%
Pertussis	74	0.0%
Pneumonia	5,314	1.9%
Rubella	389	0.1%
Sickle cell disease	806	0.3%
Sinusitis	13,999	5.0%

Table 2b. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose Mothers had <391 Days Pre-Delivery Coverage

Clinical Characteristics Identified by Searching Infant Record Only [0, 28 Days]		
Evidence of Neonatal Medication Administrations	Number	Percent
Any antibiotic	782	0.3%
Ampicillin	269	0.1%
Cefotaxime	53	0.0%
Any corticosteroid	61	0.0%
Gentamicin	166	0.1%
Any opioid	69	0.0%
Any surfactant	138	0.0%
Any vitamin	2,142	0.8%
Any vitamin K	2,019	0.7%
Evidence of Neonatal Outcomes		
Bronchopulmonary dysplasia	385	0.1%
Fetal alcohol syndrome	23	0.0%
Low birth weight	7,432	2.7%
Necrotizing enterocolitis	191	0.1%
Neonatal abstinence syndrome	733	0.3%
Neonatal sepsis	2,786	1.0%
Retinopathy of prematurity	775	0.3%
Respiratory distress syndrome	5,984	2.1%
Evidence of Medication Dispensings		
Antibiotics	983	0.4%
Anticonvulsants	83	0.0%
Antidiabetic agents	1	0.0%
Antihistamines	34	0.0%
Antihypertensives	20	0.0%
Asthma medications	159	0.1%
Glucocorticoids	484	0.2%
Proton pump inhibitors	437	0.2%
Evidence of Immunizations⁴		
Hepatitis B	13,705	4.9%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	5,089	1.8%
Anemia	1,023	0.4%
Asthma	69	0.0%
Cancer of the central nervous system	1	0.0%
Cancer of the lymphoid, hematopoietic tissues	30	0.0%
Cancer, other	53	0.0%
Diabetes mellitus	92	0.0%
Epilepsy	165	0.1%
Gastroesophageal reflux disease	9,234	3.3%
Hypertension	176	0.1%
Influenza	104	0.0%
Intellectual disabilities and related conditions	760	0.3%

Table 2b. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose Mothers had <391 Days Pre-Delivery Coverage

	Number	Percent
Irritable bowel syndrome	13	0.0%
Measles	0	0.0%
Meningitis	255	0.1%
Mumps	0	0.0%
Otitis media	486	0.2%
Pertussis	14	0.0%
Pneumonia	652	0.2%
Rubella	2	0.0%
Sickle cell disease	43	0.0%
Sinusitis	85	0.0%
Clinical Characteristics Identified by Searching Infant Record Only [29, 365 Days]		
Evidence of Medication Dispensings		
Antibiotics	82,744	29.7%
Anticonvulsants	569	0.2%
Antidiabetic agents	7	0.0%
Antihistamines	11,145	4.0%
Antihypertensives	238	0.1%
Asthma medications	25,137	9.0%
Glucocorticoids	40,789	14.6%
Proton pump inhibitors	6,309	2.3%
Evidence of Immunizations⁴		
Hepatitis A	3,394	1.2%
Hepatitis B	198,610	71.2%
Diphtheria, tetanus, acellular pertussis	203,671	73.0%
Haemophilus influenza type B	201,953	72.4%
Inactivated Poliovirus	201,027	72.1%
Influenza (Live Attenuated or Inactivated)	92,283	33.1%
Measles, Mumps, Rubella	5,901	2.1%
Meningococcal (A, C, W, Y)	421	0.2%
Pneumococcal (PCV13 only)	201,805	72.3%
Rotavirus	182,541	65.4%
Varicella	3,732	1.3%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	31,596	11.3%
Anemia	4,811	1.7%
Asthma	6,339	2.3%
Cancer of the central nervous system	3	0.0%
Cancer of the lymphoid, hematopoietic tissues	84	0.0%
Cancer, other	117	0.0%
Diabetes mellitus	71	0.0%
Epilepsy	641	0.2%
Gastroesophageal reflux disease	31,959	11.5%
Hypertension	320	0.1%

Table 2b. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose Mothers had <391 Days Pre-Delivery Coverage

	Number	Percent
Influenza	5,100	1.8%
Intellectual disabilities and related conditions	709	0.3%
Irritable bowel syndrome	63	0.0%
Measles	2	0.0%
Meningitis	291	0.1%
Mumps	1	0.0%
Otitis media	71,497	25.6%
Pertussis	201	0.1%
Pneumonia	5,218	1.9%
Rubella	51	0.0%
Sickle cell disease	107	0.0%
Sinusitis	10,331	3.7%
Clinical Characteristics Identified by Searching Infant and Mother Record [0, 365 Days]		
Evidence of Major Congenital Malformations		
Central Nervous System		
Encephalocele, cranial meningocele, encephalomyelocele	118	0.0%
Holoprosencephaly	383	0.1%
Microcephalus	649	0.2%
Spina bifida	1,198	0.4%
Eye, Ear, Nose, Throat (EENT)		
Anophthalmia, microphthalmia	115	0.0%
Anotia, microtia	136	0.0%
Cataracts and other lens defects	550	0.2%
Cardiac		
Other cardiac defects: septal defects, heterotaxy, papvr	410	0.1%
Pulmonary venous return, anomalous coronary artery	137	0.0%
Severe cardiac defects	8,217	2.9%
Orofacial/Respiratory		
Choanal atresia/stenosis	145	0.1%
Cleft palate/lip	1,325	0.5%
Gastrointestinal		
Biliary atresia	97	0.0%
Esophageal atresia + tracheoesophageal fistula	340	0.1%
Exstrophy, bladder	57	0.0%
Intestinal atresia/stenosis	698	0.3%
Pyloric stenosis	1,126	0.4%
Genitourinary/Renal		
Congenital hydronephrosis	3,829	1.4%
Hypospadias — second or third degree	3,606	1.3%
Posterior urethral valve/and/or prune belly	36	0.0%
Renal agenesis/hypoplasia	985	0.4%
Renal dysplasia	301	0.1%

Table 2b. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose Mothers had <391 Days Pre-Delivery Coverage

Musculoskeletal Malformations	Number	Percent
Diaphragmatic hernia	231	0.1%
Gastroschisis or omphalocele	982	0.4%
Limb deficiency	254	0.1%
Sacral agenesis	312	0.1%

¹Value represents standard deviation where no % follows the value.

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

³Gestational age is esimated using a claims-based algorithm, previously validated in the Medication Exposure in Pregnancy Risk Evaluation Program (MEPREP), to identify pregnancies ending in a live birth. ICD-10-CM diagnosis codes indicative of weeks of gestation, and ICD-9-CM and ICD-10-CM diagnosis codes for pre- and post-term deliveries were used to calculate the length of the pregnancy episode. Codes had to occur within 7 days of a delivery date in the inpatient setting. In the absence of pre-/post-term codes, pregnancy duration was set to 273 days.

⁴Only immunizations recommended by the CDC in the evaluation window are shown. Centers for Disease Control and Prevention. "Recommended Child and Adolescent Immunization Schedule for Ages 18 Years or Younger." United States: U.S. Department of Health and Human Services, 2020.

Table 2c. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose Mothers had ≥ 391 Days Pre-Delivery Coverage

Characteristic	Number	Percent
Number of unique infants	2,408,898	100.0%
Infant Characteristics		
Birth Year		
2000	0	0.0%
2001	16,412	0.7%
2002	17,077	0.7%
2003	15,147	0.6%
2004	15,218	0.6%
2005	16,071	0.7%
2006	17,134	0.7%
2007	72,238	3.0%
2008	77,407	3.2%
2009	187,333	7.8%
2010	179,831	7.5%
2011	166,730	6.9%
2012	157,162	6.5%
2013	160,815	6.7%
2014	174,087	7.2%
2015	185,431	7.7%
2016	195,499	8.1%
2017	195,448	8.1%
2018	194,313	8.1%
2019	188,585	7.8%
2020	161,500	6.7%
2021	15,460	0.6%
Sex		
Female	1,174,503	48.8%
Male	1,234,213	51.2%
Race Categories²		
American Indian or Alaska Native	1,171	0.0%
Asian	2,390	0.1%
Black or African American	92,061	3.8%
Native Hawaiian or Other Pacific Islander	9	0.0%
White	129,242	5.4%
Unknown	2,184,025	90.7%
Ethnicity		
Hispanic or Latino	2,246	0.1%
Not Hispanic or Latino	215,407	8.9%
Unknown	2,191,245	91.0%
Mean Birth-Enrollment Gap (Days)	Mean	Standard Deviation
	3.3	35.9

Table 2c. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose Mothers had ≥ 391 Days Pre-Delivery Coverage

Birth-Enrollment Gap Categories (Days)	Number	Percent
0-14	2,275,304	94.5%
15-30	77,929	3.2%
31-90	17,925	0.7%
>90	37,740	1.6%
Mean Continuous Enrollment (Days)	Mean	Standard Deviation
	1,016.9	1071.0
Continuous Enrollment Categories (Days)	Number	Percent
≤ 30	236,119	9.8%
31-183	347,718	14.4%
184-365	311,342	12.9%
366-729	443,296	18.4%
≥ 730	1,070,423	44.4%
Birth Type		
Singleton	2,408,898	100.0%
Multiples	0	0.0%
Unknown	0	0.0%
Mother Characteristics	Mean	Standard Deviation
Mean Age at Delivery (Years)	31.1	4.7
Age at Delivery (Years)	Number	Percent
10-17	25,571	1.1%
18-39	2,284,186	94.8%
40-54	99,141	4.1%
Length of Pre-Delivery Coverage (Days)		
<391	0	0.0%
≥ 391	2,408,898	100.0%
Mean Gestational Age at Delivery (Days)³	Mean	Standard Deviation
	39.9	1.4
Delivery Status	Number	Percent
Pre-term (0-258 days gestation)	140,184	5.8%
Term (259-280 days gestation)	657,050	27.3%
Post-term (281-301 days gestation)	441,591	18.3%
Unknown term	1,170,073	48.6%
Clinical Characteristics Identified by Searching Mother and Infant Record [0, 28 Days]		
Evidence of Neonatal Medication Administrations		
Any antibiotic	50,241	2.1%
Ampicillin	5,875	0.2%
Cefotaxime	620	0.0%
Any corticosteroid	12,873	0.5%
Gentamicin	3,162	0.1%
Any opioid	32,306	1.3%
Any surfactant	1,207	0.1%
Any vitamin	27,329	1.1%
Any vitamin K	25,141	1.0%

Table 2c. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose Mothers had >=391 Days Pre-Delivery Coverage

Evidence of Neonatal Outcomes	Number	Percent
Bronchopulmonary dysplasia	3,276	0.1%
Fetal alcohol syndrome	284	0.0%
Low birth weight	77,217	3.2%
Necrotizing enterocolitis	1,856	0.1%
Neonatal abstinence syndrome	12,423	0.5%
Neonatal sepsis	24,758	1.0%
Retinopathy of prematurity	6,545	0.3%
Respiratory distress syndrome	56,085	2.3%
Evidence of Medication Dispensings		
Antibiotics	333,496	13.8%
Anticonvulsants	22,262	0.9%
Antidiabetic agents	17,126	0.7%
Antihistamines	27,057	1.1%
Antihypertensives	19,029	0.8%
Asthma medications	25,519	1.1%
Glucocorticoids	102,363	4.2%
Proton pump inhibitors	20,440	0.8%
Evidence of Immunizations⁴		
Hepatitis B	145,442	6.0%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	103,495	4.3%
Anemia	197,158	8.2%
Asthma	63,264	2.6%
Cancer of the central nervous system	61	0.0%
Cancer of the lymphoid, hematopoietic tissues	1,079	0.0%
Cancer, other	3,016	0.1%
Diabetes mellitus	28,325	1.2%
Epilepsy	7,875	0.3%
Gastroesophageal reflux disease	130,617	5.4%
Hypertension	45,743	1.9%
Influenza	2,959	0.1%
Intellectual disabilities and related conditions	8,367	0.3%
Irritable bowel syndrome	5,882	0.2%
Measles	9	0.0%
Meningitis	3,001	0.1%
Mumps	18	0.0%
Otitis media	9,719	0.4%
Pertussis	150	0.0%
Pneumonia	9,467	0.4%
Rubella	427	0.0%
Sickle cell disease	1,073	0.0%
Sinusitis	14,591	0.6%

Table 2c. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose Mothers had >=391 Days Pre-Delivery Coverage

Clinical Characteristics Identified by Searching Infant Record Only [0, 28 Days]		
Evidence of Neonatal Medication Administrations	Number	Percent
Any antibiotic	7,430	0.3%
Ampicillin	2,377	0.1%
Cefotaxime	490	0.0%
Any corticosteroid	472	0.0%
Gentamicin	1,439	0.1%
Any opioid	516	0.0%
Any surfactant	1,088	0.0%
Any vitamin	16,603	0.7%
Any vitamin K	15,338	0.6%
Evidence of Neonatal Outcomes		
Bronchopulmonary dysplasia	3,017	0.1%
Fetal alcohol syndrome	221	0.0%
Low birth weight	63,331	2.6%
Necrotizing enterocolitis	1,626	0.1%
Neonatal abstinence syndrome	9,562	0.4%
Neonatal sepsis	21,977	0.9%
Retinopathy of prematurity	6,175	0.3%
Respiratory distress syndrome	50,174	2.1%
Evidence of Medication Dispensings		
Antibiotics	8,670	0.4%
Anticonvulsants	883	0.0%
Antidiabetic agents	4	0.0%
Antihistamines	258	0.0%
Antihypertensives	199	0.0%
Asthma medications	1,253	0.1%
Glucocorticoids	4,258	0.2%
Proton pump inhibitors	3,870	0.2%
Evidence of Immunizations⁴		
Hepatitis B	120,232	5.0%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	43,751	1.8%
Anemia	8,726	0.4%
Asthma	635	0.0%
Cancer of the central nervous system	18	0.0%
Cancer of the lymphoid, hematopoietic tissues	277	0.0%
Cancer, other	481	0.0%
Diabetes mellitus	688	0.0%
Epilepsy	1,397	0.1%
Gastroesophageal reflux disease	82,007	3.4%
Hypertension	1,405	0.1%
Influenza	741	0.0%
Intellectual disabilities and related conditions	6,629	0.3%

Table 2c. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose Mothers had >=391 Days Pre-Delivery Coverage

	Number	Percent
Irritable bowel syndrome	100	0.0%
Measles	2	0.0%
Meningitis	2,480	0.1%
Mumps	1	0.0%
Otitis media	4,303	0.2%
Pertussis	90	0.0%
Pneumonia	4,805	0.2%
Rubella	40	0.0%
Sickle cell disease	310	0.0%
Sinusitis	677	0.0%
Clinical Characteristics Identified by Searching Infant Record Only [29, 365 Days]		
Evidence of Medication Dispensings		
Antibiotics	854,365	35.5%
Anticonvulsants	5,720	0.2%
Antidiabetic agents	88	0.0%
Antihistamines	132,895	5.5%
Antihypertensives	2,279	0.1%
Asthma medications	270,528	11.2%
Glucocorticoids	416,706	17.3%
Proton pump inhibitors	61,012	2.5%
Evidence of Immunizations⁴		
Hepatitis A	31,797	1.3%
Hepatitis B	1,860,281	77.2%
Diphtheria, tetanus, acellular pertussis	1,917,414	79.6%
Haemophilus influenza type B	1,901,480	78.9%
Inactivated Poliovirus	1,893,253	78.6%
Influenza (Live Attenuated or Inactivated)	882,717	36.6%
Measles, Mumps, Rubella	51,219	2.1%
Meningococcal (A, C, W, Y)	3,455	0.1%
Pneumococcal (PCV13 only)	1,901,990	79.0%
Rotavirus	1,705,578	70.8%
Varicella	34,147	1.4%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	320,461	13.3%
Anemia	46,302	1.9%
Asthma	67,927	2.8%
Cancer of the central nervous system	63	0.0%
Cancer of the lymphoid, hematopoietic tissues	769	0.0%
Cancer, other	1,441	0.1%
Diabetes mellitus	1,071	0.0%
Epilepsy	6,273	0.3%
Gastroesophageal reflux disease	302,011	12.5%
Hypertension	2,884	0.1%

Table 2c. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose Mothers had >=391 Days Pre-Delivery Coverage

	Number	Percent
Influenza	58,379	2.4%
Intellectual disabilities and related conditions	7,408	0.3%
Irritable bowel syndrome	565	0.0%
Measles	65	0.0%
Meningitis	3,282	0.1%
Mumps	26	0.0%
Otitis media	742,241	30.8%
Pertussis	2,053	0.1%
Pneumonia	55,920	2.3%
Rubella	395	0.0%
Sickle cell disease	1,146	0.0%
Sinusitis	103,940	4.3%
Clinical Characteristics Identified by Searching Infant and Mother Record [0, 365 Days]		
Evidence of Major Congenital Malformations		
Central Nervous System		
Encephalocele, cranial meningocele, encephalomyelocele	409	0.0%
Holoprosencephaly	1,713	0.1%
Microcephalus	4,315	0.2%
Spina bifida	2,290	0.1%
Eye, Ear, Nose, Throat (EENT)		
Anophthalmia, microphthalmia	495	0.0%
Anotia, microtia	766	0.0%
Cataracts and other lens defects	1,693	0.1%
Cardiac		
Other cardiac defects: septal defects, heterotaxy, papvr	1,688	0.1%
Pulmonary venous return, anomalous coronary artery	583	0.0%
Severe cardiac defects	33,758	1.4%
Orofacial/Respiratory		
Choanal atresia/stenosis	727	0.0%
Cleft palate/lip	4,879	0.2%
Gastrointestinal		
Biliary atresia	530	0.0%
Esophageal atresia + tracheoesophageal fistula	929	0.0%
Exstrophy, bladder	128	0.0%
Intestinal atresia/stenosis	2,907	0.1%
Pyloric stenosis	5,790	0.2%
Genitourinary/Renal		
Congenital hydronephrosis	18,667	0.8%
Hypospadias — second or third degree	16,521	0.7%
Posterior urethral valve/and/or prune belly	96	0.0%
Renal agenesis/hypoplasia	2,470	0.1%
Renal dysplasia	1,449	0.1%

Table 2c. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose Mothers had >=391 Days Pre-Delivery Coverage

Musculoskeletal Malformations	Number	Percent
Diaphragmatic hernia	1,030	0.0%
Gastroschisis or omphalocele	3,246	0.1%
Limb deficiency	1,164	0.0%
Sacral agenesis	1,117	0.0%

¹Value represents standard deviation where no % follows the value.

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

³Gestational age is esimated using a claims-based algorithm, previously validated in the Medication Exposure in Pregnancy Risk Evaluation Program (MEPREP), to identify pregnancies ending in a live birth. ICD-10-CM diagnosis codes indicative of weeks of gestation, and ICD-9-CM and ICD-10-CM diagnosis codes for pre- and post-term deliveries were used to calculate the length of the pregnancy episode. Codes had to occur within 7 days of a delivery date in the inpatient setting. In the absence of pre-/post-term codes, pregnancy duration was set to 273 days.

⁴Only immunizations recommended by the CDC in the evaluation window are shown. Centers for Disease Control and Prevention. "Recommended Child and Adolescent Immunization Schedule for Ages 18 Years or Younger." United States: U.S. Department of Health and Human Services, 2020.

Table 2d. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose Mothers were 10-17 Years Old at Delivery

Characteristic	Number	Percent
Number of unique infants	26,833	100.0%
Infant Characteristics		
Birth Year		
2000	0	0.0%
2001	1,740	6.5%
2002	1,574	5.9%
2003	1,458	5.4%
2004	1,418	5.3%
2005	1,483	5.5%
2006	1,652	6.2%
2007	1,595	5.9%
2008	1,625	6.1%
2009	2,229	8.3%
2010	1,831	6.8%
2011	1,565	5.8%
2012	1,447	5.4%
2013	1,424	5.3%
2014	1,234	4.6%
2015	1,197	4.5%
2016	1,052	3.9%
2017	915	3.4%
2018	707	2.6%
2019	646	2.4%
2020	41	0.2%
2021	0	0.0%
Sex		
Female	13,075	48.7%
Male	13,758	51.3%
Race Categories²		
American Indian or Alaska Native	19	0.1%
Asian	64	0.2%
Black or African American	7,970	29.7%
Native Hawaiian or Other Pacific Islander	0	0.0%
White	9,008	33.6%
Unknown	9,772	36.4%
Ethnicity		
Hispanic or Latino	130	0.5%
Not Hispanic or Latino	17,042	63.5%
Unknown	9,661	36.0%
Mean Birth-Enrollment Gap (Days)	Mean	Standard Deviation
	13.1	47.3

Table 2d. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose Mothers were 10-17 Years Old at Delivery

Birth-Enrollment Gap Categories (Days)	Number	Percent
0-14	24,384	90.9%
15-30	104	0.4%
31-90	210	0.8%
>90	2,135	8.0%
Mean Continuous Enrollment (Days)	Mean	Standard Deviation
	2,167.2	1751.8
Continuous Enrollment Categories (Days)	Number	Percent
<=30	1,618	6.0%
31-183	1,090	4.1%
184-365	1,541	5.7%
366-729	3,940	14.7%
>=730	18,644	69.5%
Birth Type		
Singleton	26,833	100.0%
Multiples	0	0.0%
Unknown	0	0.0%
Mother Characteristics	Mean	Standard Deviation
Mean Age at Delivery (Years)	16.8	1.0
Age at Delivery (Years)	Number	Percent
10-17	26,833	100.0%
18-39	0	0.0%
40-54	0	0.0%
Length of Pre-Delivery Coverage (Days)		
<391	1,262	4.7%
>=391	25,571	95.3%
Mean Gestational Age at Delivery (Days)³	Mean	Standard Deviation
	39.8	1.5
Delivery Status	Number	Percent
Pre-term (0-258 days gestation)	2,378	8.9%
Term (259-280 days gestation)	2,205	8.2%
Post-term (281-301 days gestation)	3,315	12.4%
Unknown term	18,935	70.6%
Clinical Characteristics Identified by Searching Mother and Infant Record [0, 28 Days]		
Evidence of Neonatal Medication Administrations		
Any antibiotic	42,950	160.1%
Ampicillin	3,515	13.1%
Cefotaxime	137	0.5%
Any corticosteroid	12,404	46.2%
Gentamicin	1,733	6.5%
Any opioid	31,793	118.5%
Any surfactant	131	0.5%
Any vitamin	10,770	40.1%
Any vitamin K	9,845	36.7%

Table 2d. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose Mothers were 10-17 Years Old at Delivery

Evidence of Neonatal Outcomes	Number	Percent
Bronchopulmonary dysplasia	323	1.2%
Fetal alcohol syndrome	64	0.2%
Low birth weight	14,847	55.3%
Necrotizing enterocolitis	262	1.0%
Neonatal abstinence syndrome	2,944	11.0%
Neonatal sepsis	3,055	11.4%
Retinopathy of prematurity	415	1.5%
Respiratory distress syndrome	6,363	23.7%
Evidence of Medication Dispensings		
Antibiotics	324,869	1210.7%
Anticonvulsants	21,381	79.7%
Antidiabetic agents	17,122	63.8%
Antihistamines	26,804	99.9%
Antihypertensives	18,831	70.2%
Asthma medications	24,276	90.5%
Glucocorticoids	98,133	365.7%
Proton pump inhibitors	16,578	61.8%
Evidence of Immunizations⁴		
Hepatitis B	25,859	96.4%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	59,987	223.6%
Anemia	188,494	702.5%
Asthma	62,647	233.5%
Cancer of the central nervous system	43	0.2%
Cancer of the lymphoid, hematopoietic tissues	803	3.0%
Cancer, other	2,543	9.5%
Diabetes mellitus	27,647	103.0%
Epilepsy	6,486	24.2%
Gastroesophageal reflux disease	49,211	183.4%
Hypertension	44,349	165.3%
Influenza	2,230	8.3%
Intellectual disabilities and related conditions	1,778	6.6%
Irritable bowel syndrome	5,782	21.5%
Measles	7	0.0%
Meningitis	568	2.1%
Mumps	17	0.1%
Otitis media	5,478	20.4%
Pertussis	65	0.2%
Pneumonia	4,735	17.6%
Rubella	387	1.4%
Sickle cell disease	773	2.9%
Sinusitis	13,926	51.9%

Table 2d. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose Mothers were 10-17 Years Old at Delivery

Clinical Characteristics Identified by Searching Infant Record Only [0, 28 Days]		
Evidence of Neonatal Medication Administrations	Number	Percent
Any antibiotic	139	0.5%
Ampicillin	17	0.1%
Cefotaxime	7	0.0%
Any corticosteroid	3	0.0%
Gentamicin	10	0.0%
Any opioid	3	0.0%
Any surfactant	12	0.0%
Any vitamin	44	0.2%
Any vitamin K	42	0.2%
Evidence of Neonatal Outcomes		
Bronchopulmonary dysplasia	64	0.2%
Fetal alcohol syndrome	1	0.0%
Low birth weight	959	3.6%
Necrotizing enterocolitis	32	0.1%
Neonatal abstinence syndrome	83	0.3%
Neonatal sepsis	274	1.0%
Retinopathy of prematurity	45	0.2%
Respiratory distress syndrome	452	1.7%
Evidence of Medication Dispensings		
Antibiotics	43	0.2%
Anticonvulsants	2	0.0%
Antidiabetic agents	0	0.0%
Antihistamines	5	0.0%
Antihypertensives	1	0.0%
Asthma medications	10	0.0%
Glucocorticoids	27	0.1%
Proton pump inhibitors	8	0.0%
Evidence of Immunizations⁴		
Hepatitis B	649	2.4%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	243	0.9%
Anemia	62	0.2%
Asthma	18	0.1%
Cancer of the central nervous system	0	0.0%
Cancer of the lymphoid, hematopoietic tissues	1	0.0%
Cancer, other	8	0.0%
Diabetes mellitus	10	0.0%
Epilepsy	8	0.0%
Gastroesophageal reflux disease	600	2.2%
Hypertension	11	0.0%
Influenza	12	0.0%
Intellectual disabilities and related conditions	40	0.1%

Table 2d. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose Mothers were 10-17 Years Old at Delivery

	Number	Percent
Irritable bowel syndrome	0	0.0%
Measles	0	0.0%
Meningitis	47	0.2%
Mumps	0	0.0%
Otitis media	62	0.2%
Pertussis	5	0.0%
Pneumonia	73	0.3%
Rubella	0	0.0%
Sickle cell disease	10	0.0%
Sinusitis	12	0.0%
Clinical Characteristics Identified by Searching Infant Record Only [29, 365 Days]		
Evidence of Medication Dispensings		
Antibiotics	15,958	59.5%
Anticonvulsants	140	0.5%
Antidiabetic agents	4	0.0%
Antihistamines	6,950	25.9%
Antihypertensives	40	0.1%
Asthma medications	5,826	21.7%
Glucocorticoids	8,637	32.2%
Proton pump inhibitors	410	1.5%
Evidence of Immunizations⁴		
Hepatitis A	364	1.4%
Hepatitis B	21,257	79.2%
Diphtheria, tetanus, acellular pertussis	21,842	81.4%
Haemophilus influenza type B	21,282	79.3%
Inactivated Poliovirus	21,586	80.4%
Influenza (Live Attenuated or Inactivated)	6,031	22.5%
Measles, Mumps, Rubella	460	1.7%
Meningococcal (A, C, W, Y)	53	0.2%
Pneumococcal (PCV13 only)	21,556	80.3%
Rotavirus	13,062	48.7%
Varicella	475	1.8%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	4,290	16.0%
Anemia	754	2.8%
Asthma	1,711	6.4%
Cancer of the central nervous system	1	0.0%
Cancer of the lymphoid, hematopoietic tissues	6	0.0%
Cancer, other	83	0.3%
Diabetes mellitus	107	0.4%
Epilepsy	132	0.5%
Gastroesophageal reflux disease	3,369	12.6%
Hypertension	71	0.3%

Table 2d. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose Mothers were 10-17 Years Old at Delivery

	Number	Percent
Influenza	1,015	3.8%
Intellectual disabilities and related conditions	100	0.4%
Irritable bowel syndrome	16	0.1%
Measles	2	0.0%
Meningitis	96	0.4%
Mumps	0	0.0%
Otitis media	13,021	48.5%
Pertussis	42	0.2%
Pneumonia	1,708	6.4%
Rubella	4	0.0%
Sickle cell disease	48	0.2%
Sinusitis	1,513	5.6%
Clinical Characteristics Identified by Searching Infant and Mother Record [0, 365 Days]		
Evidence of Major Congenital Malformations		
Central Nervous System		
Encephalocele, cranial meningocele, encephalomyelocele	93	0.3%
Holoprosencephaly	238	0.9%
Microcephalus	299	1.1%
Spina bifida	1,066	4.0%
Eye, Ear, Nose, Throat (EENT)		
Anophthalmia, microphthalmia	74	0.3%
Anotia, microtia	62	0.2%
Cataracts and other lens defects	428	1.6%
Cardiac		
Other cardiac defects: septal defects, heterotaxy, papvr	273	1.0%
Pulmonary venous return, anomalous coronary artery	89	0.3%
Severe cardiac defects	5,158	19.2%
Orofacial/Respiratory		
Choanal atresia/stenosis	86	0.3%
Cleft palate/lip	951	3.5%
Gastrointestinal		
Biliary atresia	54	0.2%
Esophageal atresia + tracheoesophageal fistula	270	1.0%
Exstrophy, bladder	38	0.1%
Intestinal atresia/stenosis	413	1.5%
Pyloric stenosis	656	2.4%
Genitourinary/Renal		
Congenital hydronephrosis	2,045	7.6%
Hypospadias — second or third degree	2,135	8.0%
Posterior urethral valve/and/or prune belly	32	0.1%
Renal agenesis/hypoplasia	804	3.0%
Renal dysplasia	167	0.6%

Table 2d. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose Mothers were 10-17 Years Old at Delivery

Musculoskeletal Malformations	Number	Percent
Diaphragmatic hernia	144	0.5%
Gastroschisis or omphalocele	727	2.7%
Limb deficiency	147	0.5%
Sacral agenesis	229	0.9%

¹Value represents standard deviation where no % follows the value.

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

³Gestational age is esimated using a claims-based algorithm, previously validated in the Medication Exposure in Pregnancy Risk Evaluation Program (MEPREP), to identify pregnancies ending in a live birth. ICD-10-CM diagnosis codes indicative of weeks of gestation, and ICD-9-CM and ICD-10-CM diagnosis codes for pre- and post-term deliveries were used to calculate the length of the pregnancy episode. Codes had to occur within 7 days of a delivery date in the inpatient setting. In the absence of pre-/post-term codes, pregnancy duration was set to 273 days.

⁴Only immunizations recommended by the CDC in the evaluation window are shown. Centers for Disease Control and Prevention. “Recommended Child and Adolescent Immunization Schedule for Ages 18 Years or Younger.” United States: U.S. Department of Health and Human Services, 2020.

Table 2e. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose Mothers were 18-39 Years Old at Delivery

Characteristic	Number	Percent
Number of unique infants	2,552,769	100.0%
Infant Characteristics		
Birth Year		
2000	0	0.0%
2001	16,303	0.6%
2002	16,116	0.6%
2003	14,431	0.6%
2004	14,753	0.6%
2005	15,625	0.6%
2006	16,363	0.6%
2007	79,294	3.1%
2008	80,420	3.2%
2009	205,506	8.1%
2010	187,699	7.4%
2011	174,543	6.8%
2012	165,022	6.5%
2013	174,173	6.8%
2014	188,468	7.4%
2015	198,152	7.8%
2016	208,931	8.2%
2017	207,380	8.1%
2018	205,457	8.0%
2019	198,208	7.8%
2020	170,077	6.7%
2021	15,848	0.6%
Sex		
Female	1,244,846	48.8%
Male	1,307,729	51.2%
Race Categories²		
American Indian or Alaska Native	1,166	0.0%
Asian	2,563	0.1%
Black or African American	87,450	3.4%
Native Hawaiian or Other Pacific Islander	12	0.0%
White	128,574	5.0%
Unknown	2,333,004	91.4%
Ethnicity		
Hispanic or Latino	2,324	0.1%
Not Hispanic or Latino	209,365	8.2%
Unknown	2,341,080	91.7%
Mean Birth-Enrollment Gap (Days)	Mean	Standard Deviation
	3.3	34.3

Table 2e. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose Mothers were 18-39 Years Old at Delivery

Birth-Enrollment Gap Categories (Days)	Number	Percent
0-14	2,412,539	94.5%
15-30	82,526	3.2%
31-90	19,830	0.8%
>90	37,874	1.5%
Mean Continuous Enrollment (Days)	Mean	Standard Deviation
	983.9	1050.8
Continuous Enrollment Categories (Days)	Number	Percent
<=30	267,762	10.5%
31-183	377,900	14.8%
184-365	332,250	13.0%
366-729	470,309	18.4%
>=730	1,104,548	43.3%
Birth Type		
Singleton	2,552,769	100.0%
Multiples	0	0.0%
Unknown	0	0.0%
Mother Characteristics	Mean	Standard Deviation
Mean Age at Delivery (Years)	30.7	4.3
Age at Delivery (Years)	Number	Percent
10-17	0	0.0%
18-39	2,552,769	100.0%
40-54	0	0.0%
Length of Pre-Delivery Coverage (Days)		
<391	268,583	10.5%
>=391	2,284,186	89.5%
Mean Gestational Age at Delivery (Days)³	Mean	Standard Deviation
	39.9	1.4
Delivery Status	Number	Percent
Pre-term (0-258 days gestation)	145,617	5.7%
Term (259-280 days gestation)	692,593	27.1%
Post-term (281-301 days gestation)	477,816	18.7%
Unknown term	1,236,743	48.4%
Clinical Characteristics Identified by Searching Mother and Infant Record [0, 28 Days]		
Evidence of Neonatal Medication Administrations		
Any antibiotic	50,519	2.0%
Ampicillin	6,022	0.2%
Cefotaxime	645	0.0%
Any corticosteroid	12,915	0.5%
Gentamicin	3,251	0.1%
Any opioid	32,349	1.3%
Any surfactant	1,283	0.1%
Any vitamin	28,666	1.1%
Any vitamin K	26,464	1.0%

Table 2e. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose Mothers were 18-39 Years Old at Delivery

Evidence of Neonatal Outcomes	Number	Percent
Bronchopulmonary dysplasia	3,416	0.1%
Fetal alcohol syndrome	290	0.0%
Low birth weight	79,692	3.1%
Necrotizing enterocolitis	1,910	0.1%
Neonatal abstinence syndrome	12,822	0.5%
Neonatal sepsis	26,160	1.0%
Retinopathy of prematurity	6,796	0.3%
Respiratory distress syndrome	58,560	2.3%
Evidence of Medication Dispensings		
Antibiotics	334,063	13.1%
Anticonvulsants	22,308	0.9%
Antidiabetic agents	17,127	0.7%
Antihistamines	27,082	1.1%
Antihypertensives	19,036	0.7%
Asthma medications	25,629	1.0%
Glucocorticoids	102,651	4.0%
Proton pump inhibitors	20,728	0.8%
Evidence of Immunizations⁴		
Hepatitis B	152,100	6.0%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	106,306	4.2%
Anemia	197,577	7.7%
Asthma	63,283	2.5%
Cancer of the central nervous system	62	0.0%
Cancer of the lymphoid, hematopoietic tissues	1,086	0.0%
Cancer, other	3,036	0.1%
Diabetes mellitus	28,352	1.1%
Epilepsy	7,949	0.3%
Gastroesophageal reflux disease	135,920	5.3%
Hypertension	45,823	1.8%
Influenza	3,021	0.1%
Intellectual disabilities and related conditions	8,268	0.3%
Irritable bowel syndrome	5,888	0.2%
Measles	9	0.0%
Meningitis	3,104	0.1%
Mumps	18	0.0%
Otitis media	9,989	0.4%
Pertussis	156	0.0%
Pneumonia	9,834	0.4%
Rubella	426	0.0%
Sickle cell disease	1,087	0.0%
Sinusitis	14,640	0.6%

Table 2e. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose Mothers were 18-39 Years Old at Delivery

Clinical Characteristics Identified by Searching Infant Record Only [0, 28 Days]		
Evidence of Neonatal Medication Administrations	Number	Percent
Any antibiotic	7,708	0.3%
Ampicillin	2,524	0.1%
Cefotaxime	515	0.0%
Any corticosteroid	514	0.0%
Gentamicin	1,528	0.1%
Any opioid	559	0.0%
Any surfactant	1,164	0.0%
Any vitamin	17,940	0.7%
Any vitamin K	16,661	0.7%
Evidence of Neonatal Outcomes		
Bronchopulmonary dysplasia	3,157	0.1%
Fetal alcohol syndrome	227	0.0%
Low birth weight	65,806	2.6%
Necrotizing enterocolitis	1,680	0.1%
Neonatal abstinence syndrome	9,961	0.4%
Neonatal sepsis	23,379	0.9%
Retinopathy of prematurity	6,426	0.3%
Respiratory distress syndrome	52,649	2.1%
Evidence of Medication Dispensings		
Antibiotics	9,237	0.4%
Anticonvulsants	929	0.0%
Antidiabetic agents	5	0.0%
Antihistamines	283	0.0%
Antihypertensives	206	0.0%
Asthma medications	1,363	0.1%
Glucocorticoids	4,546	0.2%
Proton pump inhibitors	4,158	0.2%
Evidence of Immunizations⁴		
Hepatitis B	126,890	5.0%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	46,562	1.8%
Anemia	9,145	0.4%
Asthma	654	0.0%
Cancer of the central nervous system	19	0.0%
Cancer of the lymphoid, hematopoietic tissues	284	0.0%
Cancer, other	501	0.0%
Diabetes mellitus	715	0.0%
Epilepsy	1,471	0.1%
Gastroesophageal reflux disease	87,310	3.4%
Hypertension	1,485	0.1%
Influenza	803	0.0%
Intellectual disabilities and related conditions	6,530	0.3%

Table 2e. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose Mothers were 18-39 Years Old at Delivery

	Number	Percent
Irritable bowel syndrome	106	0.0%
Measles	2	0.0%
Meningitis	2,583	0.1%
Mumps	1	0.0%
Otitis media	4,573	0.2%
Pertussis	96	0.0%
Pneumonia	5,172	0.2%
Rubella	39	0.0%
Sickle cell disease	324	0.0%
Sinusitis	726	0.0%
Clinical Characteristics Identified by Searching Infant Record Only [29, 365 Days]		
Evidence of Medication Dispensings		
Antibiotics	890,217	34.9%
Anticonvulsants	5,909	0.2%
Antidiabetic agents	85	0.0%
Antihistamines	134,576	5.3%
Antihypertensives	2,319	0.1%
Asthma medications	280,513	11.0%
Glucocorticoids	433,369	17.0%
Proton pump inhibitors	64,379	2.5%
Evidence of Immunizations⁴		
Hepatitis A	33,441	1.3%
Hepatitis B	1,955,958	76.6%
Diphtheria, tetanus, acellular pertussis	2,013,575	78.9%
Haemophilus influenza type B	1,997,199	78.2%
Inactivated Poliovirus	1,988,681	77.9%
Influenza (Live Attenuated or Inactivated)	925,733	36.3%
Measles, Mumps, Rubella	54,127	2.1%
Meningococcal (A, C, W, Y)	3,656	0.1%
Pneumococcal (PCV13 only)	1,997,534	78.2%
Rotavirus	1,797,347	70.4%
Varicella	35,850	1.4%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	334,486	13.1%
Anemia	48,138	1.9%
Asthma	70,201	2.7%
Cancer of the central nervous system	62	0.0%
Cancer of the lymphoid, hematopoietic tissues	801	0.0%
Cancer, other	1,406	0.1%
Diabetes mellitus	1,008	0.0%
Epilepsy	6,476	0.3%
Gastroesophageal reflux disease	317,690	12.4%
Hypertension	2,980	0.1%

Table 2e. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose Mothers were 18-39 Years Old at Delivery

	Number	Percent
Influenza	60,274	2.4%
Intellectual disabilities and related conditions	7,177	0.3%
Irritable bowel syndrome	594	0.0%
Measles	63	0.0%
Meningitis	3,371	0.1%
Mumps	24	0.0%
Otitis media	773,725	30.3%
Pertussis	2,121	0.1%
Pneumonia	57,676	2.3%
Rubella	432	0.0%
Sickle cell disease	1,176	0.0%
Sinusitis	109,100	4.3%
Clinical Characteristics Identified by Searching Infant and Mother Record [0, 365 Days]		
Evidence of Major Congenital Malformations		
Central Nervous System		
Encephalocele, cranial meningocele, encephalomyelocele	420	0.0%
Holoprosencephaly	1,774	0.1%
Microcephalus	4,462	0.2%
Spina bifida	2,363	0.1%
Eye, Ear, Nose, Throat (EENT)		
Anophthalmia, microphthalmia	511	0.0%
Anotia, microtia	790	0.0%
Cataracts and other lens defects	1,753	0.1%
Cardiac		
Other cardiac defects: septal defects, heterotaxy, papvr	1,742	0.1%
Pulmonary venous return, anomalous coronary artery	614	0.0%
Severe cardiac defects	34,924	1.4%
Orofacial/Respiratory		
Choanal atresia/stenosis	728	0.0%
Cleft palate/lip	5,064	0.2%
Gastrointestinal		
Biliary atresia	535	0.0%
Esophageal atresia + tracheoesophageal fistula	942	0.0%
Exstrophy, bladder	145	0.0%
Intestinal atresia/stenosis	3,030	0.1%
Pyloric stenosis	6,059	0.2%
Genitourinary/Renal		
Congenital hydronephrosis	19,476	0.8%
Hypospadias — second or third degree	17,277	0.7%
Posterior urethral valve/and/or prune belly	99	0.0%
Renal agenesis/hypoplasia	2,562	0.1%
Renal dysplasia	1,503	0.1%

Table 2e. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose Mothers were 18-39 Years Old at Delivery

Musculoskeletal Malformations		
Diaphragmatic hernia	1,059	0.0%
Gastroschisis or omphalocele	3,363	0.1%
Limb deficiency	1,225	0.0%
Sacral agenesis	1,139	0.0%

¹Value represents standard deviation where no % follows the value.

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

³Gestational age is esimated using a claims-based algorithm, previously validated in the Medication Exposure in Pregnancy Risk Evaluation Program (MEPREP), to identify pregnancies ending in a live birth. ICD-10-CM diagnosis codes indicative of weeks of gestation, and ICD-9-CM and ICD-10-CM diagnosis codes for pre- and post-term deliveries were used to calculate the length of the pregnancy episode. Codes had to occur within 7 days of a delivery date in the inpatient setting. In the absence of pre-/post-term codes, pregnancy duration was set to 273 days.

⁴Only immunizations recommended by the CDC in the evaluation window are shown. Centers for Disease Control and Prevention. "Recommended Child and Adolescent Immunization Schedule for Ages 18 Years or Younger." United States: U.S. Department of Health and Human Services, 2020.

Table 2f. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose Mothers were 40-54 Years Old at Delivery

Characteristic	Number	Percent
Number of unique infants	108,293	100.0%
Infant Characteristics		
Birth Year		
2000	0	0.0%
2001	129	0.1%
2002	119	0.1%
2003	104	0.1%
2004	133	0.1%
2005	118	0.1%
2006	111	0.1%
2007	2,998	2.8%
2008	3,159	2.9%
2009	8,615	8.0%
2010	8,253	7.6%
2011	7,806	7.2%
2012	7,340	6.8%
2013	7,273	6.7%
2014	7,581	7.0%
2015	7,989	7.4%
2016	8,792	8.1%
2017	9,220	8.5%
2018	9,449	8.7%
2019	9,458	8.7%
2020	8,856	8.2%
2021	790	0.7%
Sex		
Female	52,940	48.9%
Male	55,340	51.1%
Race Categories²		
American Indian or Alaska Native	86	0.1%
Asian	65	0.1%
Black or African American	703	0.6%
Native Hawaiian or Other Pacific Islander	0	0.0%
White	1,376	1.3%
Unknown	106,063	97.9%
Ethnicity		
Hispanic or Latino	92	0.1%
Not Hispanic or Latino	1,661	1.5%
Unknown	106,540	98.4%
Mean Birth-Enrollment Gap (Days)	Mean	Standard Deviation
	1.8	46.9

Table 2f. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose Mothers were 40-54 Years Old at Delivery

Birth-Enrollment Gap Categories (Days)	Number	Percent
0-14	101,791	94.0%
15-30	4,665	4.3%
31-90	897	0.8%
>90	940	0.9%
Mean Continuous Enrollment (Days)	Mean	Standard Deviation
	937.8	991.0
Continuous Enrollment Categories (Days)	Number	Percent
<=30	10,060	9.3%
31-183	15,975	14.8%
184-365	14,952	13.8%
366-729	20,314	18.8%
>=730	46,992	43.4%
Birth Type		
Singleton	108,293	100.0%
Multiples	0	0.0%
Unknown	0	0.0%
Mother Characteristics	Mean	Standard Deviation
Mean Age at Delivery (Years)	41.9	1.8
Age at Delivery (Years)	Number	Percent
10-17	0	0.0%
18-39	0	0.0%
40-54	108,293	100.0%
Length of Pre-Delivery Coverage (Days)		
<391	9,152	8.5%
>=391	99,141	91.5%
Mean Gestational Age at Delivery (Days)³	Mean	Standard Deviation
	39.7	1.5
Delivery Status	Number	Percent
Pre-term (0-258 days gestation)	8,023	7.4%
Term (259-280 days gestation)	35,406	32.7%
Post-term (281-301 days gestation)	14,448	13.3%
Unknown term	50,416	46.6%
Clinical Characteristics Identified by Searching Mother and Infant Record [0, 28 Days]		
Evidence of Neonatal Medication Administrations		
Any antibiotic	43,176	39.9%
Ampicillin	3,603	3.3%
Cefotaxime	151	0.1%
Any corticosteroid	12,417	11.5%
Gentamicin	1,790	1.7%
Any opioid	31,813	29.4%
Any surfactant	169	0.2%
Any vitamin	11,487	10.6%
Any vitamin K	10,457	9.7%

Table 2f. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose Mothers were 40-54 Years Old at Delivery

Evidence of Neonatal Outcomes	Number	Percent
Bronchopulmonary dysplasia	440	0.4%
Fetal alcohol syndrome	79	0.1%
Low birth weight	17,886	16.5%
Necrotizing enterocolitis	335	0.3%
Neonatal abstinence syndrome	3,112	2.9%
Neonatal sepsis	3,891	3.6%
Retinopathy of prematurity	849	0.8%
Respiratory distress syndrome	8,968	8.3%
Evidence of Medication Dispensings		
Antibiotics	325,199	300.3%
Anticonvulsants	21,414	19.8%
Antidiabetic agents	17,122	15.8%
Antihistamines	26,803	24.8%
Antihypertensives	18,842	17.4%
Asthma medications	24,305	22.4%
Glucocorticoids	98,275	90.7%
Proton pump inhibitors	16,711	15.4%
Evidence of Immunizations⁴		
Hepatitis B	31,608	29.2%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	61,779	57.0%
Anemia	188,974	174.5%
Asthma	62,661	57.9%
Cancer of the central nervous system	43	0.0%
Cancer of the lymphoid, hematopoietic tissues	824	0.8%
Cancer, other	2,560	2.4%
Diabetes mellitus	27,692	25.6%
Epilepsy	6,561	6.1%
Gastroesophageal reflux disease	51,942	48.0%
Hypertension	44,423	41.0%
Influenza	2,248	2.1%
Intellectual disabilities and related conditions	2,557	2.4%
Irritable bowel syndrome	5,789	5.3%
Measles	7	0.0%
Meningitis	626	0.6%
Mumps	17	0.0%
Otitis media	5,570	5.1%
Pertussis	63	0.1%
Pneumonia	4,874	4.5%
Rubella	390	0.4%
Sickle cell disease	782	0.7%
Sinusitis	13,938	12.9%

Table 2f. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose Mothers were 40-54 Years Old at Delivery

Clinical Characteristics Identified by Searching Infant Record Only [0, 28 Days]		
Evidence of Neonatal Medication Administrations	Number	Percent
Any antibiotic	365	0.3%
Ampicillin	105	0.1%
Cefotaxime	21	0.0%
Any corticosteroid	16	0.0%
Gentamicin	67	0.1%
Any opioid	23	0.0%
Any surfactant	50	0.0%
Any vitamin	761	0.7%
Any vitamin K	654	0.6%
Evidence of Neonatal Outcomes		
Bronchopulmonary dysplasia	181	0.2%
Fetal alcohol syndrome	16	0.0%
Low birth weight	3,998	3.7%
Necrotizing enterocolitis	105	0.1%
Neonatal abstinence syndrome	251	0.2%
Neonatal sepsis	1,110	1.0%
Retinopathy of prematurity	479	0.4%
Respiratory distress syndrome	3,057	2.8%
Evidence of Medication Dispensings		
Antibiotics	373	0.3%
Anticonvulsants	35	0.0%
Antidiabetic agents	0	0.0%
Antihistamines	4	0.0%
Antihypertensives	12	0.0%
Asthma medications	39	0.0%
Glucocorticoids	169	0.2%
Proton pump inhibitors	141	0.1%
Evidence of Immunizations⁴		
Hepatitis B	6,398	5.9%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	2,035	1.9%
Anemia	542	0.5%
Asthma	32	0.0%
Cancer of the central nervous system	0	0.0%
Cancer of the lymphoid, hematopoietic tissues	22	0.0%
Cancer, other	25	0.0%
Diabetes mellitus	55	0.1%
Epilepsy	83	0.1%
Gastroesophageal reflux disease	3,331	3.1%
Hypertension	85	0.1%
Influenza	30	0.0%
Intellectual disabilities and related conditions	819	0.8%

Table 2f. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose Mothers were 40-54 Years Old at Delivery

	Number	Percent
Irritable bowel syndrome	7	0.0%
Measles	0	0.0%
Meningitis	105	0.1%
Mumps	0	0.0%
Otitis media	154	0.1%
Pertussis	3	0.0%
Pneumonia	212	0.2%
Rubella	3	0.0%
Sickle cell disease	19	0.0%
Sinusitis	24	0.0%
Clinical Characteristics Identified by Searching Infant Record Only [29, 365 Days]		
Evidence of Medication Dispensings		
Antibiotics	30,934	28.6%
Anticonvulsants	240	0.2%
Antidiabetic agents	6	0.0%
Antihistamines	2,514	2.3%
Antihypertensives	158	0.1%
Asthma medications	9,326	8.6%
Glucocorticoids	15,489	14.3%
Proton pump inhibitors	2,532	2.3%
Evidence of Immunizations⁴		
Hepatitis A	1,386	1.3%
Hepatitis B	81,676	75.4%
Diphtheria, tetanus, acellular pertussis	85,668	79.1%
Haemophilus influenza type B	84,952	78.4%
Inactivated Poliovirus	84,013	77.6%
Influenza (Live Attenuated or Inactivated)	43,236	39.9%
Measles, Mumps, Rubella	2,533	2.3%
Meningococcal (A, C, W, Y)	167	0.2%
Pneumococcal (PCV13 only)	84,705	78.2%
Rotavirus	77,710	71.8%
Varicella	1,554	1.4%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	13,281	12.3%
Anemia	2,221	2.1%
Asthma	2,354	2.2%
Cancer of the central nervous system	3	0.0%
Cancer of the lymphoid, hematopoietic tissues	46	0.0%
Cancer, other	69	0.1%
Diabetes mellitus	27	0.0%
Epilepsy	306	0.3%
Gastroesophageal reflux disease	12,911	11.9%
Hypertension	153	0.1%

Table 2f. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose Mothers were 40-54 Years Old at Delivery

	Number	Percent
Influenza	2,190	2.0%
Intellectual disabilities and related conditions	840	0.8%
Irritable bowel syndrome	18	0.0%
Measles	2	0.0%
Meningitis	106	0.1%
Mumps	3	0.0%
Otitis media	26,992	24.9%
Pertussis	91	0.1%
Pneumonia	1,754	1.6%
Rubella	10	0.0%
Sickle cell disease	29	0.0%
Sinusitis	3,658	3.4%
Clinical Characteristics Identified by Searching Infant and Mother Record [0, 365 Days]		
Evidence of Major Congenital Malformations		
Central Nervous System		
Encephalocele, cranial meningocele, encephalomyelocele	101	0.1%
Holoprosencephaly	305	0.3%
Microcephalus	433	0.4%
Spina bifida	1,117	1.0%
Eye, Ear, Nose, Throat (EENT)		
Anophthalmia, microphthalmia	95	0.1%
Anotia, microtia	110	0.1%
Cataracts and other lens defects	470	0.4%
Cardiac		
Other cardiac defects: septal defects, heterotaxy, papvr	345	0.3%
Pulmonary venous return, anomalous coronary artery	102	0.1%
Severe cardiac defects	6,824	6.3%
Orofacial/Respiratory		
Choanal atresia/stenosis	139	0.1%
Cleft palate/lip	1,099	1.0%
Gastrointestinal		
Biliary atresia	81	0.1%
Esophageal atresia + tracheoesophageal fistula	322	0.3%
Exstrophy, bladder	39	0.0%
Intestinal atresia/stenosis	545	0.5%
Pyloric stenosis	740	0.7%
Genitourinary/Renal		
Congenital hydronephrosis	2,929	2.7%
Hypospadias — second or third degree	2,720	2.5%
Posterior urethral valve/and/or prune belly	32	0.0%
Renal agenesis/hypoplasia	884	0.8%
Renal dysplasia	237	0.2%

Table 2f. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose Mothers were 40-54 Years Old at Delivery

Musculoskeletal Malformations		
Diaphragmatic hernia	195	0.2%
Gastroschisis or omphalocele	819	0.8%
Limb deficiency	185	0.2%
Sacral agenesis	288	0.3%

¹Value represents standard deviation where no % follows the value.

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

³Gestational age is esimated using a claims-based algorithm, previously validated in the Medication Exposure in Pregnancy Risk Evaluation Program (MEPREP), to identify pregnancies ending in a live birth. ICD-10-CM diagnosis codes indicative of weeks of gestation, and ICD-9-CM and ICD-10-CM diagnosis codes for pre- and post-term deliveries were used to calculate the length of the pregnancy episode. Codes had to occur within 7 days of a delivery date in the inpatient setting. In the absence of pre-/post-term codes, pregnancy duration was set to 273 days.

⁴Only immunizations recommended by the CDC in the evaluation window are shown. Centers for Disease Control and Prevention. "Recommended Child and Adolescent Immunization Schedule for Ages 18 Years or Younger." United States: U.S. Department of Health and Human Services, 2020.

Table 2g. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is <= 30 Days

Characteristic	Number	Percent
Number of unique infants	279,440	100.0%
Infant Characteristics		
Birth Year		
2000	0	0.0%
2001	23	0.0%
2002	23	0.0%
2003	9	0.0%
2004	18	0.0%
2005	16	0.0%
2006	13	0.0%
2007	4,457	1.6%
2008	4,767	1.7%
2009	21,655	7.7%
2010	14,126	5.1%
2011	12,326	4.4%
2012	13,029	4.7%
2013	23,380	8.4%
2014	22,672	8.1%
2015	24,492	8.8%
2016	26,537	9.5%
2017	26,658	9.5%
2018	26,482	9.5%
2019	24,937	8.9%
2020	27,487	9.8%
2021	6,333	2.3%
Sex		
Female	136,453	48.8%
Male	142,910	51.1%
Race Categories²		
American Indian or Alaska Native	57	0.0%
Asian	44	0.0%
Black or African American	349	0.1%
Native Hawaiian or Other Pacific Islander	1	0.0%
White	734	0.3%
Unknown	278,255	99.6%
Ethnicity		
Hispanic or Latino	73	0.0%
Not Hispanic or Latino	746	0.3%
Unknown	278,621	99.7%
Mean Birth-Enrollment Gap (Days)	Mean	Standard Deviation
	0.8	12.7

Table 2g. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is <= 30 Days

Birth-Enrollment Gap Categories (Days)	Number	Percent
0-14	274,591	98.3%
15-30	3,461	1.2%
31-90	590	0.2%
>90	798	0.3%
Mean Continuous Enrollment (Days)	Mean	Standard Deviation
	25.7	8.1
Continuous Enrollment Categories (Days)	Number	Percent
<=30	279,440	100.0%
31-183	0	0.0%
184-365	0	0.0%
366-729	0	0.0%
>=730	0	0.0%
Birth Type		
Singleton	279,440	100.0%
Multiples	0	0.0%
Unknown	0	0.0%
Mother Characteristics	Mean	Standard Deviation
Mean Age at Delivery (Years)	30.6	5.2
Age at Delivery (Years)	Number	Percent
10-17	1,618	0.6%
18-39	267,762	95.8%
40-54	10,060	3.6%
Length of Pre-Delivery Coverage (Days)		
<391	43,321	15.5%
>=391	236,119	84.5%
Mean Gestational Age at Delivery (Days)³	Mean	Standard Deviation
	39.8	1.5
Delivery Status	Number	Percent
Pre-term (0-258 days gestation)	16,541	5.9%
Term (259-280 days gestation)	95,995	34.4%
Post-term (281-301 days gestation)	55,844	20.0%
Unknown term	111,060	39.7%
Clinical Characteristics Identified by Searching Mother and Infant Record [0, 28 Days]		
Evidence of Neonatal Medication Administrations		
Any antibiotic	43,498	15.6%
Ampicillin	3,800	1.4%
Cefotaxime	184	0.1%
Any corticosteroid	12,456	4.5%
Gentamicin	1,903	0.7%
Any opioid	31,861	11.4%
Any surfactant	289	0.1%
Any vitamin	13,074	4.7%
Any vitamin K	12,098	4.3%

Table 2g. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is <= 30 Days

Evidence of Neonatal Outcomes	Number	Percent
Bronchopulmonary dysplasia	500	0.2%
Fetal alcohol syndrome	94	0.0%
Low birth weight	21,583	7.7%
Necrotizing enterocolitis	464	0.2%
Neonatal abstinence syndrome	3,733	1.3%
Neonatal sepsis	5,198	1.9%
Retinopathy of prematurity	868	0.3%
Respiratory distress syndrome	12,547	4.5%
Evidence of Medication Dispensings		
Antibiotics	325,264	116.4%
Anticonvulsants	21,415	7.7%
Antidiabetic agents	17,122	6.1%
Antihistamines	26,812	9.6%
Antihypertensives	18,835	6.7%
Asthma medications	24,327	8.7%
Glucocorticoids	98,336	35.2%
Proton pump inhibitors	16,715	6.0%
Evidence of Immunizations⁴		
Hepatitis B	34,556	12.4%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	64,233	23.0%
Anemia	189,320	67.7%
Asthma	62,676	22.4%
Cancer of the central nervous system	45	0.0%
Cancer of the lymphoid, hematopoietic tissues	818	0.3%
Cancer, other	2,589	0.9%
Diabetes mellitus	27,735	9.9%
Epilepsy	6,627	2.4%
Gastroesophageal reflux disease	53,913	19.3%
Hypertension	44,484	15.9%
Influenza	2,279	0.8%
Intellectual disabilities and related conditions	2,674	1.0%
Irritable bowel syndrome	5,789	2.1%
Measles	7	0.0%
Meningitis	686	0.2%
Mumps	17	0.0%
Otitis media	5,628	2.0%
Pertussis	68	0.0%
Pneumonia	5,103	1.8%
Rubella	389	0.1%
Sickle cell disease	797	0.3%
Sinusitis	13,962	5.0%

Table 2g. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is <= 30 Days

Clinical Characteristics Identified by Searching Infant Record Only [0, 28 Days]		
Evidence of Neonatal Medication Administrations	Number	Percent
Any antibiotic	687	0.2%
Ampicillin	302	0.1%
Cefotaxime	54	0.0%
Any corticosteroid	55	0.0%
Gentamicin	180	0.1%
Any opioid	71	0.0%
Any surfactant	170	0.1%
Any vitamin	2,348	0.8%
Any vitamin K	2,295	0.8%
Evidence of Neonatal Outcomes		
Bronchopulmonary dysplasia	241	0.1%
Fetal alcohol syndrome	31	0.0%
Low birth weight	7,695	2.8%
Necrotizing enterocolitis	234	0.1%
Neonatal abstinence syndrome	872	0.3%
Neonatal sepsis	2,417	0.9%
Retinopathy of prematurity	498	0.2%
Respiratory distress syndrome	6,636	2.4%
Evidence of Medication Dispensings		
Antibiotics	438	0.2%
Anticonvulsants	36	0.0%
Antidiabetic agents	0	0.0%
Antihistamines	13	0.0%
Antihypertensives	5	0.0%
Asthma medications	61	0.0%
Glucocorticoids	230	0.1%
Proton pump inhibitors	145	0.1%
Evidence of Immunizations⁴		
Hepatitis B	9,346	3.3%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	4,489	1.6%
Anemia	888	0.3%
Asthma	47	0.0%
Cancer of the central nervous system	2	0.0%
Cancer of the lymphoid, hematopoietic tissues	16	0.0%
Cancer, other	54	0.0%
Diabetes mellitus	98	0.0%
Epilepsy	149	0.1%
Gastroesophageal reflux disease	5,302	1.9%
Hypertension	146	0.1%
Influenza	61	0.0%
Intellectual disabilities and related conditions	936	0.3%

Table 2g. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is <= 30 Days

	Number	Percent
Irritable bowel syndrome	7	0.0%
Measles	0	0.0%
Meningitis	165	0.1%
Mumps	0	0.0%
Otitis media	212	0.1%
Pertussis	8	0.0%
Pneumonia	441	0.2%
Rubella	2	0.0%
Sickle cell disease	34	0.0%
Sinusitis	48	0.0%
Clinical Characteristics Identified by Searching Infant Record Only [29, 365 Days]		
Evidence of Medication Dispensings		
Antibiotics	6,957	2.5%
Anticonvulsants	36	0.0%
Antidiabetic agents	2	0.0%
Antihistamines	581	0.2%
Antihypertensives	5	0.0%
Asthma medications	1,961	0.7%
Glucocorticoids	3,085	1.1%
Proton pump inhibitors	296	0.1%
Evidence of Immunizations⁴		
Hepatitis A	320	0.1%
Hepatitis B	18,202	6.5%
Diphtheria, tetanus, acellular pertussis	15,535	5.6%
Haemophilus influenza type B	15,117	5.4%
Inactivated Poliovirus	15,246	5.5%
Influenza (Live Attenuated or Inactivated)	6,946	2.5%
Measles, Mumps, Rubella	501	0.2%
Meningococcal (A, C, W, Y)	43	0.0%
Pneumococcal (PCV13 only)	15,400	5.5%
Rotavirus	13,338	4.8%
Varicella	370	0.1%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	2,919	1.0%
Anemia	431	0.2%
Asthma	500	0.2%
Cancer of the central nervous system	0	0.0%
Cancer of the lymphoid, hematopoietic tissues	5	0.0%
Cancer, other	7	0.0%
Diabetes mellitus	7	0.0%
Epilepsy	42	0.0%
Gastroesophageal reflux disease	2,210	0.8%
Hypertension	12	0.0%

Table 2g. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is <= 30 Days

	Number	Percent
Influenza	468	0.2%
Intellectual disabilities and related conditions	47	0.0%
Irritable bowel syndrome	5	0.0%
Measles	1	0.0%
Meningitis	33	0.0%
Mumps	0	0.0%
Otitis media	6,343	2.3%
Pertussis	12	0.0%
Pneumonia	392	0.1%
Rubella	5	0.0%
Sickle cell disease	17	0.0%
Sinusitis	823	0.3%
Clinical Characteristics Identified by Searching Infant and Mother Record [0, 365 Days]		
Evidence of Major Congenital Malformations		
Central Nervous System		
Encephalocele, cranial meningocele, encephalomyelocele	109	0.0%
Holoprosencephaly	357	0.1%
Microcephalus	474	0.2%
Spina bifida	1,136	0.4%
Eye, Ear, Nose, Throat (EENT)		
Anophthalmia, microphthalmia	100	0.0%
Anotia, microtia	112	0.0%
Cataracts and other lens defects	448	0.2%
Cardiac		
Other cardiac defects: septal defects, heterotaxy, papvr	354	0.1%
Pulmonary venous return, anomalous coronary artery	134	0.0%
Severe cardiac defects	7,467	2.7%
Orofacial/Respiratory		
Choanal atresia/stenosis	109	0.0%
Cleft palate/lip	1,267	0.5%
Gastrointestinal		
Biliary atresia	78	0.0%
Esophageal atresia + tracheoesophageal fistula	340	0.1%
Exstrophy, bladder	47	0.0%
Intestinal atresia/stenosis	626	0.2%
Pyloric stenosis	675	0.2%
Genitourinary/Renal		
Congenital hydronephrosis	3,290	1.2%
Hypospadias — second or third degree	2,996	1.1%
Posterior urethral valve/and/or prune belly	40	0.0%
Renal agenesis/hypoplasia	981	0.4%
Renal dysplasia	273	0.1%

Table 2g. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is <= 30 Days

Musculoskeletal Malformations		
Diaphragmatic hernia	262	0.1%
Gastroschisis or omphalocele	952	0.3%
Limb deficiency	202	0.1%
Sacral agenesis	281	0.1%

¹Value represents standard deviation where no % follows the value.

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

³Gestational age is esimated using a claims-based algorithm, previously validated in the Medication Exposure in Pregnancy Risk Evaluation Program (MEPREP), to identify pregnancies ending in a live birth. ICD-10-CM diagnosis codes indicative of weeks of gestation, and ICD-9-CM and ICD-10-CM diagnosis codes for pre- and post-term deliveries were used to calculate the length of the pregnancy episode. Codes had to occur within 7 days of a delivery date in the inpatient setting. In the absence of pre-/post-term codes, pregnancy duration was set to 273 days.

⁴Only immunizations recommended by the CDC in the evaluation window are shown. Centers for Disease Control and Prevention. "Recommended Child and Adolescent Immunization Schedule for Ages 18 Years or Younger." United States: U.S. Department of Health and Human Services, 2020.

Table 2h. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is 31-183 Days

Characteristic	Number	Percent
Number of unique infants	394,965	100.0%
Infant Characteristics		
Birth Year		
2000	0	0.0%
2001	447	0.1%
2002	541	0.1%
2003	487	0.1%
2004	406	0.1%
2005	248	0.1%
2006	374	0.1%
2007	9,408	2.4%
2008	9,927	2.5%
2009	31,463	8.0%
2010	28,860	7.3%
2011	27,252	6.9%
2012	23,725	6.0%
2013	25,054	6.3%
2014	24,993	6.3%
2015	24,387	6.2%
2016	25,819	6.5%
2017	25,646	6.5%
2018	26,429	6.7%
2019	32,497	8.2%
2020	66,699	16.9%
2021	10,303	2.6%
Sex		
Female	192,275	48.7%
Male	202,635	51.3%
Race Categories²		
American Indian or Alaska Native	178	0.0%
Asian	227	0.1%
Black or African American	2,371	0.6%
Native Hawaiian or Other Pacific Islander	0	0.0%
White	5,432	1.4%
Unknown	386,757	97.9%
Ethnicity		
Hispanic or Latino	380	0.1%
Not Hispanic or Latino	5,979	1.5%
Unknown	388,606	98.4%
Mean Birth-Enrollment Gap (Days)	Mean	Standard Deviation
	3.5	24.9

Table 2h. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is 31-183 Days

Birth-Enrollment Gap Categories (Days)	Number	Percent
0-14	373,221	94.5%
15-30	13,397	3.4%
31-90	3,675	0.9%
>90	4,672	1.2%
Mean Continuous Enrollment (Days)	Mean	Standard Deviation
	107.1	43.7
Continuous Enrollment Categories (Days)	Number	Percent
<=30	0	0.0%
31-183	394,965	100.0%
184-365	0	0.0%
366-729	0	0.0%
>=730	0	0.0%
Birth Type		
Singleton	394,965	100.0%
Multiples	0	0.0%
Unknown	0	0.0%
Mother Characteristics	Mean	Standard Deviation
Mean Age at Delivery (Years)	31.5	4.7
Age at Delivery (Years)	Number	Percent
10-17	1,090	0.3%
18-39	377,900	95.7%
40-54	15,975	4.0%
Length of Pre-Delivery Coverage (Days)		
<391	47,247	12.0%
>=391	347,718	88.0%
Mean Gestational Age at Delivery (Days)³	Mean	Standard Deviation
	39.9	1.4
Delivery Status	Number	Percent
Pre-term (0-258 days gestation)	22,249	5.6%
Term (259-280 days gestation)	126,848	32.1%
Post-term (281-301 days gestation)	79,655	20.2%
Unknown term	166,213	42.1%
Clinical Characteristics Identified by Searching Mother and Infant Record [0, 28 Days]		
Evidence of Neonatal Medication Administrations		
Any antibiotic	43,932	11.1%
Ampicillin	3,915	1.0%
Cefotaxime	220	0.1%
Any corticosteroid	12,479	3.2%
Gentamicin	1,966	0.5%
Any opioid	31,893	8.1%
Any surfactant	309	0.1%
Any vitamin	13,899	3.5%
Any vitamin K	12,741	3.2%

Table 2h. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is 31-183 Days

Evidence of Neonatal Outcomes	Number	Percent
Bronchopulmonary dysplasia	796	0.2%
Fetal alcohol syndrome	89	0.0%
Low birth weight	24,080	6.1%
Necrotizing enterocolitis	559	0.1%
Neonatal abstinence syndrome	3,822	1.0%
Neonatal sepsis	6,504	1.6%
Retinopathy of prematurity	1,569	0.4%
Respiratory distress syndrome	14,759	3.7%
Evidence of Medication Dispensings		
Antibiotics	326,242	82.6%
Anticonvulsants	21,520	5.4%
Antidiabetic agents	17,123	4.3%
Antihistamines	26,828	6.8%
Antihypertensives	18,864	4.8%
Asthma medications	24,440	6.2%
Glucocorticoids	98,871	25.0%
Proton pump inhibitors	17,205	4.4%
Evidence of Immunizations⁴		
Hepatitis B	46,384	11.7%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	68,624	17.4%
Anemia	190,068	48.1%
Asthma	62,743	15.9%
Cancer of the central nervous system	48	0.0%
Cancer of the lymphoid, hematopoietic tissues	854	0.2%
Cancer, other	2,626	0.7%
Diabetes mellitus	27,775	7.0%
Epilepsy	6,771	1.7%
Gastroesophageal reflux disease	62,762	15.9%
Hypertension	44,615	11.3%
Influenza	2,305	0.6%
Intellectual disabilities and related conditions	3,010	0.8%
Irritable bowel syndrome	5,794	1.5%
Measles	7	0.0%
Meningitis	927	0.2%
Mumps	17	0.0%
Otitis media	6,011	1.5%
Pertussis	69	0.0%
Pneumonia	5,500	1.4%
Rubella	392	0.1%
Sickle cell disease	808	0.2%
Sinusitis	14,004	3.5%

Table 2h. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is 31-183 Days

Clinical Characteristics Identified by Searching Infant Record Only [0, 28 Days]		
Evidence of Neonatal Medication Administrations	Number	Percent
Any antibiotic	1,121	0.3%
Ampicillin	417	0.1%
Cefotaxime	90	0.0%
Any corticosteroid	78	0.0%
Gentamicin	243	0.1%
Any opioid	103	0.0%
Any surfactant	190	0.0%
Any vitamin	3,173	0.8%
Any vitamin K	2,938	0.7%
Evidence of Neonatal Outcomes		
Bronchopulmonary dysplasia	537	0.1%
Fetal alcohol syndrome	26	0.0%
Low birth weight	10,192	2.6%
Necrotizing enterocolitis	329	0.1%
Neonatal abstinence syndrome	961	0.2%
Neonatal sepsis	3,723	0.9%
Retinopathy of prematurity	1,199	0.3%
Respiratory distress syndrome	8,848	2.2%
Evidence of Medication Dispensings		
Antibiotics	1,416	0.4%
Anticonvulsants	141	0.0%
Antidiabetic agents	1	0.0%
Antihistamines	29	0.0%
Antihypertensives	34	0.0%
Asthma medications	174	0.0%
Glucocorticoids	765	0.2%
Proton pump inhibitors	635	0.2%
Evidence of Immunizations⁴		
Hepatitis B	21,174	5.4%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	8,880	2.2%
Anemia	1,636	0.4%
Asthma	114	0.0%
Cancer of the central nervous system	5	0.0%
Cancer of the lymphoid, hematopoietic tissues	52	0.0%
Cancer, other	91	0.0%
Diabetes mellitus	138	0.0%
Epilepsy	293	0.1%
Gastroesophageal reflux disease	14,151	3.6%
Hypertension	277	0.1%
Influenza	87	0.0%
Intellectual disabilities and related conditions	1,272	0.3%

Table 2h. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is 31-183 Days

	Number	Percent
Irritable bowel syndrome	12	0.0%
Measles	0	0.0%
Meningitis	406	0.1%
Mumps	0	0.0%
Otitis media	595	0.2%
Pertussis	9	0.0%
Pneumonia	838	0.2%
Rubella	5	0.0%
Sickle cell disease	45	0.0%
Sinusitis	90	0.0%
Clinical Characteristics Identified by Searching Infant Record Only [29, 365 Days]		
Evidence of Medication Dispensings		
Antibiotics	27,393	6.9%
Anticonvulsants	482	0.1%
Antidiabetic agents	4	0.0%
Antihistamines	2,231	0.6%
Antihypertensives	188	0.0%
Asthma medications	9,403	2.4%
Glucocorticoids	17,813	4.5%
Proton pump inhibitors	6,390	1.6%
Evidence of Immunizations⁴		
Hepatitis A	615	0.2%
Hepatitis B	265,880	67.3%
Diphtheria, tetanus, acellular pertussis	272,202	68.9%
Haemophilus influenza type B	268,856	68.1%
Inactivated Poliovirus	266,356	67.4%
Influenza (Live Attenuated or Inactivated)	11,538	2.9%
Measles, Mumps, Rubella	768	0.2%
Meningococcal (A, C, W, Y)	285	0.1%
Pneumococcal (PCV13 only)	266,966	67.6%
Rotavirus	254,792	64.5%
Varicella	559	0.1%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	19,018	4.8%
Anemia	2,381	0.6%
Asthma	1,935	0.5%
Cancer of the central nervous system	10	0.0%
Cancer of the lymphoid, hematopoietic tissues	55	0.0%
Cancer, other	82	0.0%
Diabetes mellitus	36	0.0%
Epilepsy	459	0.1%
Gastroesophageal reflux disease	39,921	10.1%
Hypertension	238	0.1%

Table 2h. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is 31-183 Days

	Number	Percent
Influenza	1,849	0.5%
Intellectual disabilities and related conditions	809	0.2%
Irritable bowel syndrome	35	0.0%
Measles	0	0.0%
Meningitis	333	0.1%
Mumps	1	0.0%
Otitis media	21,261	5.4%
Pertussis	151	0.0%
Pneumonia	1,848	0.5%
Rubella	8	0.0%
Sickle cell disease	83	0.0%
Sinusitis	2,567	0.6%
Clinical Characteristics Identified by Searching Infant and Mother Record [0, 365 Days]		
Evidence of Major Congenital Malformations		
Central Nervous System		
Encephalocele, cranial meningocele, encephalomyelocele	137	0.0%
Holoprosencephaly	489	0.1%
Microcephalus	674	0.2%
Spina bifida	1,240	0.3%
Eye, Ear, Nose, Throat (EENT)		
Anophthalmia, microphthalmia	119	0.0%
Anotia, microtia	188	0.0%
Cataracts and other lens defects	557	0.1%
Cardiac		
Other cardiac defects: septal defects, heterotaxy, papvr	485	0.1%
Pulmonary venous return, anomalous coronary artery	172	0.0%
Severe cardiac defects	9,703	2.5%
Orofacial/Respiratory		
Choanal atresia/stenosis	174	0.0%
Cleft palate/lip	1,495	0.4%
Gastrointestinal		
Biliary atresia	121	0.0%
Esophageal atresia + tracheoesophageal fistula	395	0.1%
Exstrophy, bladder	48	0.0%
Intestinal atresia/stenosis	787	0.2%
Pyloric stenosis	1,310	0.3%
Genitourinary/Renal		
Congenital hydronephrosis	4,682	1.2%
Hypospadias — second or third degree	4,021	1.0%
Posterior urethral valve/and/or prune belly	43	0.0%
Renal agenesis/hypoplasia	1,068	0.3%
Renal dysplasia	345	0.1%

Table 2h. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is 31-183 Days

Musculoskeletal Malformations		
Diaphragmatic hernia	280	0.1%
Gastroschisis or omphalocele	1,061	0.3%
Limb deficiency	289	0.1%
Sacral agenesis	391	0.1%

¹Value represents standard deviation where no % follows the value.

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

³Gestational age is esimated using a claims-based algorithm, previously validated in the Medication Exposure in Pregnancy Risk Evaluation Program (MEPREP), to identify pregnancies ending in a live birth. ICD-10-CM diagnosis codes indicative of weeks of gestation, and ICD-9-CM and ICD-10-CM diagnosis codes for pre- and post-term deliveries were used to calculate the length of the pregnancy episode. Codes had to occur within 7 days of a delivery date in the inpatient setting. In the absence of pre-/post-term codes, pregnancy duration was set to 273 days.

⁴Only immunizations recommended by the CDC in the evaluation window are shown. Centers for Disease Control and Prevention. "Recommended Child and Adolescent Immunization Schedule for Ages 18 Years or Younger." United States: U.S. Department of Health and Human Services, 2020.

Table 2i. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is 184-365 Days

Characteristic	Number	Percent
Number of unique infants	348,743	100.0%
Infant Characteristics		
Birth Year		
2000	0	0.0%
2001	1,035	0.3%
2002	1,176	0.3%
2003	772	0.2%
2004	574	0.2%
2005	670	0.2%
2006	765	0.2%
2007	7,934	2.3%
2008	8,861	2.5%
2009	26,270	7.5%
2010	24,145	6.9%
2011	22,189	6.4%
2012	19,555	5.6%
2013	21,312	6.1%
2014	20,664	5.9%
2015	20,594	5.9%
2016	22,798	6.5%
2017	23,164	6.6%
2018	23,990	6.9%
2019	30,574	8.8%
2020	71,700	20.6%
2021	1	0.0%
Sex		
Female	169,917	48.7%
Male	178,796	51.3%
Race Categories²		
American Indian or Alaska Native	120	0.0%
Asian	258	0.1%
Black or African American	3,420	1.0%
Native Hawaiian or Other Pacific Islander	2	0.0%
White	7,828	2.2%
Unknown	337,115	96.7%
Ethnicity		
Hispanic or Latino	385	0.1%
Not Hispanic or Latino	9,646	2.8%
Unknown	338,712	97.1%
Mean Birth-Enrollment Gap (Days)	Mean	Standard Deviation
	4.4	28.5

Table 2i. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is 184-365 Days

Birth-Enrollment Gap Categories (Days)	Number	Percent
0-14	327,424	93.9%
15-30	11,791	3.4%
31-90	3,632	1.0%
>90	5,896	1.7%
Mean Continuous Enrollment (Days)	Mean	Standard Deviation
	275.3	52.8
Continuous Enrollment Categories (Days)	Number	Percent
<=30	0	0.0%
31-183	0	0.0%
184-365	348,743	100.0%
366-729	0	0.0%
>=730	0	0.0%
Birth Type		
Singleton	348,743	100.0%
Multiples	0	0.0%
Unknown	0	0.0%
Mother Characteristics	Mean	Standard Deviation
Mean Age at Delivery (Years)	31.7	4.6
Age at Delivery (Years)	Number	Percent
10-17	1,541	0.4%
18-39	332,250	95.3%
40-54	14,952	4.3%
Length of Pre-Delivery Coverage (Days)		
<391	37,401	10.7%
>=391	311,342	89.3%
Mean Gestational Age at Delivery (Days)³	Mean	Standard Deviation
	39.9	1.4
Delivery Status	Number	Percent
Pre-term (0-258 days gestation)	19,642	5.6%
Term (259-280 days gestation)	115,936	33.2%
Post-term (281-301 days gestation)	69,695	20.0%
Unknown term	143,470	41.1%
Clinical Characteristics Identified by Searching Mother and Infant Record [0, 28 Days]		
Evidence of Neonatal Medication Administrations		
Any antibiotic	43,760	12.5%
Ampicillin	3,854	1.1%
Cefotaxime	196	0.1%
Any corticosteroid	12,463	3.6%
Gentamicin	1,959	0.6%
Any opioid	31,870	9.1%
Any surfactant	256	0.1%
Any vitamin	13,479	3.9%
Any vitamin K	12,339	3.5%

Table 2i. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is 184-365 Days

Evidence of Neonatal Outcomes	Number	Percent
Bronchopulmonary dysplasia	728	0.2%
Fetal alcohol syndrome	94	0.0%
Low birth weight	22,681	6.5%
Necrotizing enterocolitis	434	0.1%
Neonatal abstinence syndrome	3,689	1.1%
Neonatal sepsis	5,666	1.6%
Retinopathy of prematurity	1,420	0.4%
Respiratory distress syndrome	13,358	3.8%
Evidence of Medication Dispensings		
Antibiotics	326,101	93.5%
Anticonvulsants	21,509	6.2%
Antidiabetic agents	17,122	4.9%
Antihistamines	26,827	7.7%
Antihypertensives	18,854	5.4%
Asthma medications	24,429	7.0%
Glucocorticoids	98,751	28.3%
Proton pump inhibitors	17,172	4.9%
Evidence of Immunizations⁴		
Hepatitis B	43,854	12.6%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	67,451	19.3%
Anemia	189,843	54.4%
Asthma	62,717	18.0%
Cancer of the central nervous system	46	0.0%
Cancer of the lymphoid, hematopoietic tissues	837	0.2%
Cancer, other	2,604	0.7%
Diabetes mellitus	27,726	8.0%
Epilepsy	6,694	1.9%
Gastroesophageal reflux disease	61,325	17.6%
Hypertension	44,554	12.8%
Influenza	2,308	0.7%
Intellectual disabilities and related conditions	2,651	0.8%
Irritable bowel syndrome	5,798	1.7%
Measles	8	0.0%
Meningitis	850	0.2%
Mumps	18	0.0%
Otitis media	5,991	1.7%
Pertussis	76	0.0%
Pneumonia	5,355	1.5%
Rubella	392	0.1%
Sickle cell disease	805	0.2%
Sinusitis	13,994	4.0%

Table 2i. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is 184-365 Days

Clinical Characteristics Identified by Searching Infant Record Only [0, 28 Days]		
Evidence of Neonatal Medication Administrations	Number	Percent
Any antibiotic	949	0.3%
Ampicillin	356	0.1%
Cefotaxime	66	0.0%
Any corticosteroid	62	0.0%
Gentamicin	236	0.1%
Any opioid	80	0.0%
Any surfactant	137	0.0%
Any vitamin	2,753	0.8%
Any vitamin K	2,536	0.7%
Evidence of Neonatal Outcomes		
Bronchopulmonary dysplasia	469	0.1%
Fetal alcohol syndrome	31	0.0%
Low birth weight	8,794	2.5%
Necrotizing enterocolitis	204	0.1%
Neonatal abstinence syndrome	828	0.2%
Neonatal sepsis	2,885	0.8%
Retinopathy of prematurity	1,050	0.3%
Respiratory distress syndrome	7,447	2.1%
Evidence of Medication Dispensings		
Antibiotics	1,275	0.4%
Anticonvulsants	130	0.0%
Antidiabetic agents	0	0.0%
Antihistamines	28	0.0%
Antihypertensives	24	0.0%
Asthma medications	163	0.0%
Glucocorticoids	645	0.2%
Proton pump inhibitors	602	0.2%
Evidence of Immunizations⁴		
Hepatitis B	18,644	5.3%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	7,707	2.2%
Anemia	1,411	0.4%
Asthma	88	0.0%
Cancer of the central nervous system	3	0.0%
Cancer of the lymphoid, hematopoietic tissues	35	0.0%
Cancer, other	69	0.0%
Diabetes mellitus	89	0.0%
Epilepsy	216	0.1%
Gastroesophageal reflux disease	12,714	3.6%
Hypertension	216	0.1%
Influenza	90	0.0%
Intellectual disabilities and related conditions	913	0.3%

Table 2i. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is 184-365 Days

	Number	Percent
Irritable bowel syndrome	16	0.0%
Measles	1	0.0%
Meningitis	329	0.1%
Mumps	1	0.0%
Otitis media	575	0.2%
Pertussis	16	0.0%
Pneumonia	693	0.2%
Rubella	5	0.0%
Sickle cell disease	42	0.0%
Sinusitis	80	0.0%
Clinical Characteristics Identified by Searching Infant Record Only [29, 365 Days]		
Evidence of Medication Dispensings		
Antibiotics	97,249	27.9%
Anticonvulsants	753	0.2%
Antidiabetic agents	8	0.0%
Antihistamines	9,420	2.7%
Antihypertensives	324	0.1%
Asthma medications	28,141	8.1%
Glucocorticoids	50,262	14.4%
Proton pump inhibitors	9,496	2.7%
Evidence of Immunizations⁴		
Hepatitis A	1,262	0.4%
Hepatitis B	303,045	86.9%
Diphtheria, tetanus, acellular pertussis	316,880	90.9%
Haemophilus influenza type B	314,739	90.2%
Inactivated Poliovirus	312,566	89.6%
Influenza (Live Attenuated or Inactivated)	162,341	46.6%
Measles, Mumps, Rubella	3,618	1.0%
Meningococcal (A, C, W, Y)	463	0.1%
Pneumococcal (PCV13 only)	314,439	90.2%
Rotavirus	292,377	83.8%
Varicella	898	0.3%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	46,145	13.2%
Anemia	5,155	1.5%
Asthma	6,536	1.9%
Cancer of the central nervous system	15	0.0%
Cancer of the lymphoid, hematopoietic tissues	115	0.0%
Cancer, other	157	0.0%
Diabetes mellitus	67	0.0%
Epilepsy	877	0.3%
Gastroesophageal reflux disease	48,781	14.0%
Hypertension	416	0.1%

Table 2i. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is 184-365 Days

	Number	Percent
Influenza	5,352	1.5%
Intellectual disabilities and related conditions	1,089	0.3%
Irritable bowel syndrome	68	0.0%
Measles	6	0.0%
Meningitis	441	0.1%
Mumps	0	0.0%
Otitis media	83,076	23.8%
Pertussis	250	0.1%
Pneumonia	5,230	1.5%
Rubella	40	0.0%
Sickle cell disease	136	0.0%
Sinusitis	10,901	3.1%
Clinical Characteristics Identified by Searching Infant and Mother Record [0, 365 Days]		
Evidence of Major Congenital Malformations		
Central Nervous System		
Encephalocele, cranial meningocele, encephalomyelocele	133	0.0%
Holoprosencephaly	457	0.1%
Microcephalus	853	0.2%
Spina bifida	1,253	0.4%
Eye, Ear, Nose, Throat (EENT)		
Anophthalmia, microphthalmia	129	0.0%
Anotia, microtia	175	0.1%
Cataracts and other lens defects	588	0.2%
Cardiac		
Other cardiac defects: septal defects, heterotaxy, papvr	480	0.1%
Pulmonary venous return, anomalous coronary artery	168	0.0%
Severe cardiac defects	9,305	2.7%
Orofacial/Respiratory		
Choanal atresia/stenosis	177	0.1%
Cleft palate/lip	1,469	0.4%
Gastrointestinal		
Biliary atresia	127	0.0%
Esophageal atresia + tracheoesophageal fistula	360	0.1%
Exstrophy, bladder	56	0.0%
Intestinal atresia/stenosis	750	0.2%
Pyloric stenosis	1,284	0.4%
Genitourinary/Renal		
Congenital hydronephrosis	4,725	1.4%
Hypospadias — second or third degree	4,171	1.2%
Posterior urethral valve/and/or prune belly	35	0.0%
Renal agenesis/hypoplasia	1,055	0.3%
Renal dysplasia	363	0.1%

Table 2i. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is 184-365 Days

Musculoskeletal Malformations		
Diaphragmatic hernia	250	0.1%
Gastroschisis or omphalocele	1,042	0.3%
Limb deficiency	301	0.1%
Sacral agenesis	370	0.1%

¹Value represents standard deviation where no % follows the value.

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

³Gestational age is esimated using a claims-based algorithm, previously validated in the Medication Exposure in Pregnancy Risk Evaluation Program (MEPREP), to identify pregnancies ending in a live birth. ICD-10-CM diagnosis codes indicative of weeks of gestation, and ICD-9-CM and ICD-10-CM diagnosis codes for pre- and post-term deliveries were used to calculate the length of the pregnancy episode. Codes had to occur within 7 days of a delivery date in the inpatient setting. In the absence of pre-/post-term codes, pregnancy duration was set to 273 days.

⁴Only immunizations recommended by the CDC in the evaluation window are shown. Centers for Disease Control and Prevention. "Recommended Child and Adolescent Immunization Schedule for Ages 18 Years or Younger." United States: U.S. Department of Health and Human Services, 2020.

Table 2j. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is 366-729 Days

Characteristic	Number	Percent
Number of unique infants	494,563	100.0%
Infant Characteristics		
Birth Year		
2000	0	0.0%
2001	3,099	0.6%
2002	3,050	0.6%
2003	2,711	0.5%
2004	2,376	0.5%
2005	2,618	0.5%
2006	2,920	0.6%
2007	14,132	2.9%
2008	13,598	2.7%
2009	36,261	7.3%
2010	34,285	6.9%
2011	28,973	5.9%
2012	31,347	6.3%
2013	25,766	5.2%
2014	26,746	5.4%
2015	30,429	6.2%
2016	34,923	7.1%
2017	34,915	7.1%
2018	44,838	9.1%
2019	108,506	21.9%
2020	13,070	2.6%
2021	0	0.0%
Sex		
Female	240,701	48.7%
Male	253,835	51.3%
Race Categories²		
American Indian or Alaska Native	240	0.0%
Asian	672	0.1%
Black or African American	11,945	2.4%
Native Hawaiian or Other Pacific Islander	1	0.0%
White	27,475	5.6%
Unknown	454,230	91.8%
Ethnicity		
Hispanic or Latino	671	0.1%
Not Hispanic or Latino	38,031	7.7%
Unknown	455,861	92.2%
Mean Birth-Enrollment Gap (Days)	Mean	Standard Deviation
	3.2	26.2

Table 2j. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is 366-729 Days

Birth-Enrollment Gap Categories (Days)	Number	Percent
0-14	469,547	94.9%
15-30	15,132	3.1%
31-90	3,696	0.7%
>90	6,188	1.3%
Mean Continuous Enrollment (Days)	Mean	Standard Deviation
	532.8	104.1
Continuous Enrollment Categories (Days)	Number	Percent
<=30	0	0.0%
31-183	0	0.0%
184-365	0	0.0%
366-729	494,563	100.0%
>=730	0	0.0%
Birth Type		
Singleton	494,563	100.0%
Multiples	0	0.0%
Unknown	0	0.0%
Mother Characteristics	Mean	Standard Deviation
Mean Age at Delivery (Years)	31.2	4.7
Age at Delivery (Years)	Number	Percent
10-17	3,940	0.8%
18-39	470,309	95.1%
40-54	20,314	4.1%
Length of Pre-Delivery Coverage (Days)		
<391	51,267	10.4%
>=391	443,296	89.6%
Mean Gestational Age at Delivery (Days)³	Mean	Standard Deviation
	39.9	1.4
Delivery Status	Number	Percent
Pre-term (0-258 days gestation)	28,418	5.7%
Term (259-280 days gestation)	163,154	33.0%
Post-term (281-301 days gestation)	95,289	19.3%
Unknown term	207,702	42.0%
Clinical Characteristics Identified by Searching Mother and Infant Record [0, 28 Days]		
Evidence of Neonatal Medication Administrations		
Any antibiotic	44,423	9.0%
Ampicillin	4,001	0.8%
Cefotaxime	209	0.0%
Any corticosteroid	12,503	2.5%
Gentamicin	2,037	0.4%
Any opioid	31,901	6.5%
Any surfactant	345	0.1%
Any vitamin	14,238	2.9%
Any vitamin K	13,061	2.6%

Table 2j. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is 366-729 Days

Evidence of Neonatal Outcomes	Number	Percent
Bronchopulmonary dysplasia	864	0.2%
Fetal alcohol syndrome	122	0.0%
Low birth weight	26,536	5.4%
Necrotizing enterocolitis	534	0.1%
Neonatal abstinence syndrome	5,210	1.1%
Neonatal sepsis	6,796	1.4%
Retinopathy of prematurity	1,763	0.4%
Respiratory distress syndrome	16,218	3.3%
Evidence of Medication Dispensings		
Antibiotics	326,651	66.0%
Anticonvulsants	21,593	4.4%
Antidiabetic agents	17,123	3.5%
Antihistamines	26,840	5.4%
Antihypertensives	18,868	3.8%
Asthma medications	24,543	5.0%
Glucocorticoids	99,047	20.0%
Proton pump inhibitors	17,376	3.5%
Evidence of Immunizations⁴		
Hepatitis B	50,612	10.2%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	70,913	14.3%
Anemia	190,264	38.5%
Asthma	62,762	12.7%
Cancer of the central nervous system	48	0.0%
Cancer of the lymphoid, hematopoietic tissues	861	0.2%
Cancer, other	2,621	0.5%
Diabetes mellitus	27,785	5.6%
Epilepsy	6,791	1.4%
Gastroesophageal reflux disease	66,403	13.4%
Hypertension	44,634	9.0%
Influenza	2,387	0.5%
Intellectual disabilities and related conditions	3,081	0.6%
Irritable bowel syndrome	5,802	1.2%
Measles	7	0.0%
Meningitis	1,085	0.2%
Mumps	17	0.0%
Otitis media	6,273	1.3%
Pertussis	78	0.0%
Pneumonia	5,648	1.1%
Rubella	396	0.1%
Sickle cell disease	828	0.2%
Sinusitis	14,057	2.8%

Table 2j. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is 366-729 Days

Clinical Characteristics Identified by Searching Infant Record Only [0, 28 Days]		
Evidence of Neonatal Medication Administrations	Number	Percent
Any antibiotic	1,612	0.3%
Ampicillin	503	0.1%
Cefotaxime	79	0.0%
Any corticosteroid	102	0.0%
Gentamicin	314	0.1%
Any opioid	111	0.0%
Any surfactant	226	0.0%
Any vitamin	3,512	0.7%
Any vitamin K	3,258	0.7%
Evidence of Neonatal Outcomes		
Bronchopulmonary dysplasia	605	0.1%
Fetal alcohol syndrome	59	0.0%
Low birth weight	12,648	2.6%
Necrotizing enterocolitis	304	0.1%
Neonatal abstinence syndrome	2,349	0.5%
Neonatal sepsis	4,015	0.8%
Retinopathy of prematurity	1,393	0.3%
Respiratory distress syndrome	10,307	2.1%
Evidence of Medication Dispensings		
Antibiotics	1,825	0.4%
Anticonvulsants	214	0.0%
Antidiabetic agents	1	0.0%
Antihistamines	41	0.0%
Antihypertensives	38	0.0%
Asthma medications	277	0.1%
Glucocorticoids	941	0.2%
Proton pump inhibitors	806	0.2%
Evidence of Immunizations⁴		
Hepatitis B	25,402	5.1%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	11,169	2.3%
Anemia	1,832	0.4%
Asthma	133	0.0%
Cancer of the central nervous system	5	0.0%
Cancer of the lymphoid, hematopoietic tissues	59	0.0%
Cancer, other	86	0.0%
Diabetes mellitus	148	0.0%
Epilepsy	313	0.1%
Gastroesophageal reflux disease	17,792	3.6%
Hypertension	296	0.1%
Influenza	169	0.0%
Intellectual disabilities and related conditions	1,343	0.3%

Table 2j. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is 366-729 Days

	Number	Percent
Irritable bowel syndrome	20	0.0%
Measles	0	0.0%
Meningitis	564	0.1%
Mumps	0	0.0%
Otitis media	857	0.2%
Pertussis	18	0.0%
Pneumonia	986	0.2%
Rubella	9	0.0%
Sickle cell disease	65	0.0%
Sinusitis	143	0.0%
Clinical Characteristics Identified by Searching Infant Record Only [29, 365 Days]		
Evidence of Medication Dispensings		
Antibiotics	213,716	43.2%
Anticonvulsants	1,364	0.3%
Antidiabetic agents	21	0.0%
Antihistamines	28,249	5.7%
Antihypertensives	522	0.1%
Asthma medications	65,218	13.2%
Glucocorticoids	102,808	20.8%
Proton pump inhibitors	13,828	2.8%
Evidence of Immunizations⁴		
Hepatitis A	8,900	1.8%
Hepatitis B	439,066	88.8%
Diphtheria, tetanus, acellular pertussis	451,661	91.3%
Haemophilus influenza type B	448,578	90.7%
Inactivated Poliovirus	446,824	90.3%
Influenza (Live Attenuated or Inactivated)	249,874	50.5%
Measles, Mumps, Rubella	15,104	3.1%
Meningococcal (A, C, W, Y)	762	0.2%
Pneumococcal (PCV13 only)	448,694	90.7%
Rotavirus	407,615	82.4%
Varicella	9,441	1.9%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	91,078	18.4%
Anemia	12,157	2.5%
Asthma	15,953	3.2%
Cancer of the central nervous system	18	0.0%
Cancer of the lymphoid, hematopoietic tissues	181	0.0%
Cancer, other	285	0.1%
Diabetes mellitus	183	0.0%
Epilepsy	1,575	0.3%
Gastroesophageal reflux disease	71,866	14.5%
Hypertension	734	0.1%

Table 2j. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is 366-729 Days

	Number	Percent
Influenza	18,066	3.7%
Intellectual disabilities and related conditions	1,687	0.3%
Irritable bowel syndrome	125	0.0%
Measles	16	0.0%
Meningitis	752	0.2%
Mumps	9	0.0%
Otitis media	188,537	38.1%
Pertussis	515	0.1%
Pneumonia	13,370	2.7%
Rubella	103	0.0%
Sickle cell disease	238	0.0%
Sinusitis	26,013	5.3%
Clinical Characteristics Identified by Searching Infant and Mother Record [0, 365 Days]		
Evidence of Major Congenital Malformations		
Central Nervous System		
Encephalocele, cranial meningocele, encephalomyelocele	153	0.0%
Holoprosencephaly	551	0.1%
Microcephalus	1,198	0.2%
Spina bifida	1,312	0.3%
Eye, Ear, Nose, Throat (EENT)		
Anophthalmia, microphthalmia	181	0.0%
Anotia, microtia	226	0.0%
Cataracts and other lens defects	710	0.1%
Cardiac		
Other cardiac defects: septal defects, heterotaxy, papvr	580	0.1%
Pulmonary venous return, anomalous coronary artery	182	0.0%
Severe cardiac defects	11,197	2.3%
Orofacial/Respiratory		
Choanal atresia/stenosis	237	0.0%
Cleft palate/lip	1,754	0.4%
Gastrointestinal		
Biliary atresia	150	0.0%
Esophageal atresia + tracheoesophageal fistula	390	0.1%
Exstrophy, bladder	57	0.0%
Intestinal atresia/stenosis	916	0.2%
Pyloric stenosis	1,704	0.3%
Genitourinary/Renal		
Congenital hydronephrosis	5,871	1.2%
Hypospadias — second or third degree	5,323	1.1%
Posterior urethral valve/and/or prune belly	43	0.0%
Renal agenesis/hypoplasia	1,132	0.2%
Renal dysplasia	458	0.1%

Table 2j. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is 366-729 Days

Musculoskeletal Malformations		
Diaphragmatic hernia	328	0.1%
Gastroschisis or omphalocele	1,300	0.3%
Limb deficiency	352	0.1%
Sacral agenesis	438	0.1%

¹Value represents standard deviation where no % follows the value.

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

³Gestational age is esimated using a claims-based algorithm, previously validated in the Medication Exposure in Pregnancy Risk Evaluation Program (MEPREP), to identify pregnancies ending in a live birth. ICD-10-CM diagnosis codes indicative of weeks of gestation, and ICD-9-CM and ICD-10-CM diagnosis codes for pre- and post-term deliveries were used to calculate the length of the pregnancy episode. Codes had to occur within 7 days of a delivery date in the inpatient setting. In the absence of pre-/post-term codes, pregnancy duration was set to 273 days.

⁴Only immunizations recommended by the CDC in the evaluation window are shown. Centers for Disease Control and Prevention. "Recommended Child and Adolescent Immunization Schedule for Ages 18 Years or Younger." United States: U.S. Department of Health and Human Services, 2020.

Table 2k. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is >= 730 Days

Characteristic	Number	Percent
Number of unique infants	1,170,184	100.0%
Infant Characteristics		
Birth Year		
2000	0	0.0%
2001	13,568	1.2%
2002	13,019	1.1%
2003	12,014	1.0%
2004	12,930	1.1%
2005	13,674	1.2%
2006	14,054	1.2%
2007	47,956	4.1%
2008	48,051	4.1%
2009	100,701	8.6%
2010	96,367	8.2%
2011	93,174	8.0%
2012	86,153	7.4%
2013	87,358	7.5%
2014	102,208	8.7%
2015	107,436	9.2%
2016	108,698	9.3%
2017	107,132	9.2%
2018	93,874	8.0%
2019	11,798	1.0%
2020	18	0.0%
2021	1	0.0%
Sex		
Female	571,515	48.8%
Male	598,651	51.2%
Race Categories²		
American Indian or Alaska Native	676	0.1%
Asian	1,491	0.1%
Black or African American	78,038	6.7%
Native Hawaiian or Other Pacific Islander	8	0.0%
White	97,489	8.3%
Unknown	992,482	84.8%
Ethnicity		
Hispanic or Latino	1,037	0.1%
Not Hispanic or Latino	173,666	14.8%
Unknown	995,481	85.1%
Mean Birth-Enrollment Gap (Days)	Mean	Standard Deviation
	3.6	45.2

Table 2k. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is \geq 730 Days

Birth-Enrollment Gap Categories (Days)	Number	Percent
0-14	1,093,931	93.5%
15-30	43,514	3.7%
31-90	9,344	0.8%
>90	23,395	2.0%
Mean Continuous Enrollment (Days)	Mean	Standard Deviation
	1,933.4	1093.2
Continuous Enrollment Categories (Days)	Number	Percent
\leq 30	0	0.0%
31-183	0	0.0%
184-365	0	0.0%
366-729	0	0.0%
\geq 730	1,170,184	100.0%
Birth Type		
Singleton	1,170,184	100.0%
Multiples	0	0.0%
Unknown	0	0.0%
Mother Characteristics	Mean	Standard Deviation
Mean Age at Delivery (Years)	30.7	4.7
Age at Delivery (Years)	Number	Percent
10-17	18,644	1.6%
18-39	1,104,548	94.4%
40-54	46,992	4.0%
Length of Pre-Delivery Coverage (Days)		
<391	99,761	8.5%
\geq 391	1,070,423	91.5%
Mean Gestational Age at Delivery (Days)³	Mean	Standard Deviation
	39.9	1.3
Delivery Status	Number	Percent
Pre-term (0-258 days gestation)	69,168	5.9%
Term (259-280 days gestation)	228,271	19.5%
Post-term (281-301 days gestation)	195,096	16.7%
Unknown term	677,649	57.9%
Clinical Characteristics Identified by Searching Mother and Infant Record [0, 28 Days]		
Evidence of Neonatal Medication Administrations		
Any antibiotic	46,654	4.0%
Ampicillin	4,566	0.4%
Cefotaxime	384	0.0%
Any corticosteroid	12,637	1.1%
Gentamicin	2,355	0.2%
Any opioid	32,010	2.7%
Any surfactant	622	0.1%
Any vitamin	17,685	1.5%
Any vitamin K	16,133	1.4%

Table 2k. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is >= 730 Days

Evidence of Neonatal Outcomes	Number	Percent
Bronchopulmonary dysplasia	1,809	0.2%
Fetal alcohol syndrome	160	0.0%
Low birth weight	45,321	3.9%
Necrotizing enterocolitis	976	0.1%
Neonatal abstinence syndrome	8,146	0.7%
Neonatal sepsis	14,504	1.2%
Retinopathy of prematurity	3,180	0.3%
Respiratory distress syndrome	28,831	2.5%
Evidence of Medication Dispensings		
Antibiotics	329,525	28.2%
Anticonvulsants	21,824	1.9%
Antidiabetic agents	17,125	1.5%
Antihistamines	26,980	2.3%
Antihypertensives	18,948	1.6%
Asthma medications	25,003	2.1%
Glucocorticoids	100,266	8.6%
Proton pump inhibitors	18,689	1.6%
Evidence of Immunizations⁴		
Hepatitis B	84,581	7.2%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	76,339	6.5%
Anemia	192,414	16.4%
Asthma	62,951	5.4%
Cancer of the central nervous system	47	0.0%
Cancer of the lymphoid, hematopoietic tissues	947	0.1%
Cancer, other	2,769	0.2%
Diabetes mellitus	27,944	2.4%
Epilepsy	7,069	0.6%
Gastroesophageal reflux disease	89,892	7.7%
Hypertension	44,984	3.8%
Influenza	2,656	0.2%
Intellectual disabilities and related conditions	4,663	0.4%
Irritable bowel syndrome	5,840	0.5%
Measles	8	0.0%
Meningitis	1,792	0.2%
Mumps	17	0.0%
Otitis media	7,966	0.7%
Pertussis	113	0.0%
Pneumonia	7,161	0.6%
Rubella	408	0.0%
Sickle cell disease	930	0.1%
Sinusitis	14,315	1.2%

Table 2k. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is >= 730 Days

Clinical Characteristics Identified by Searching Infant Record Only [0, 28 Days]		
Evidence of Neonatal Medication Administrations	Number	Percent
Any antibiotic	3,843	0.3%
Ampicillin	1,068	0.1%
Cefotaxime	254	0.0%
Any corticosteroid	236	0.0%
Gentamicin	632	0.1%
Any opioid	220	0.0%
Any surfactant	503	0.0%
Any vitamin	6,959	0.6%
Any vitamin K	6,330	0.5%
Evidence of Neonatal Outcomes		
Bronchopulmonary dysplasia	1,550	0.1%
Fetal alcohol syndrome	97	0.0%
Low birth weight	31,434	2.7%
Necrotizing enterocolitis	746	0.1%
Neonatal abstinence syndrome	5,285	0.5%
Neonatal sepsis	11,723	1.0%
Retinopathy of prematurity	2,810	0.2%
Respiratory distress syndrome	22,920	2.0%
Evidence of Medication Dispensings		
Antibiotics	4,699	0.4%
Anticonvulsants	445	0.0%
Antidiabetic agents	3	0.0%
Antihistamines	181	0.0%
Antihypertensives	118	0.0%
Asthma medications	737	0.1%
Glucocorticoids	2,161	0.2%
Proton pump inhibitors	2,119	0.2%
Evidence of Immunizations⁴		
Hepatitis B	59,371	5.1%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	16,595	1.4%
Anemia	3,982	0.3%
Asthma	322	0.0%
Cancer of the central nervous system	4	0.0%
Cancer of the lymphoid, hematopoietic tissues	145	0.0%
Cancer, other	234	0.0%
Diabetes mellitus	307	0.0%
Epilepsy	591	0.1%
Gastroesophageal reflux disease	41,282	3.5%
Hypertension	646	0.1%
Influenza	438	0.0%
Intellectual disabilities and related conditions	2,925	0.2%

Table 2k. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is >= 730 Days

	Number	Percent
Irritable bowel syndrome	58	0.0%
Measles	1	0.0%
Meningitis	1,271	0.1%
Mumps	0	0.0%
Otitis media	2,550	0.2%
Pertussis	53	0.0%
Pneumonia	2,499	0.2%
Rubella	21	0.0%
Sickle cell disease	167	0.0%
Sinusitis	401	0.0%
Clinical Characteristics Identified by Searching Infant Record Only [29, 365 Days]		
Evidence of Medication Dispensings		
Antibiotics	591,794	50.6%
Anticonvulsants	3,654	0.3%
Antidiabetic agents	60	0.0%
Antihistamines	103,559	8.8%
Antihypertensives	1,478	0.1%
Asthma medications	190,942	16.3%
Glucocorticoids	283,527	24.2%
Proton pump inhibitors	37,311	3.2%
Evidence of Immunizations⁴		
Hepatitis A	24,094	2.1%
Hepatitis B	1,032,698	88.3%
Diphtheria, tetanus, acellular pertussis	1,064,807	91.0%
Haemophilus influenza type B	1,056,143	90.3%
Inactivated Poliovirus	1,053,288	90.0%
Influenza (Live Attenuated or Inactivated)	544,301	46.5%
Measles, Mumps, Rubella	37,129	3.2%
Meningococcal (A, C, W, Y)	2,323	0.2%
Pneumococcal (PCV13 only)	1,058,296	90.4%
Rotavirus	919,997	78.6%
Varicella	26,611	2.3%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	192,897	16.5%
Anemia	30,989	2.6%
Asthma	49,342	4.2%
Cancer of the central nervous system	23	0.0%
Cancer of the lymphoid, hematopoietic tissues	497	0.0%
Cancer, other	1,027	0.1%
Diabetes mellitus	849	0.1%
Epilepsy	3,961	0.3%
Gastroesophageal reflux disease	171,192	14.6%
Hypertension	1,804	0.2%

Table 2k. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is >= 730 Days

	Number	Percent
Influenza	37,744	3.2%
Intellectual disabilities and related conditions	4,485	0.4%
Irritable bowel syndrome	395	0.0%
Measles	44	0.0%
Meningitis	2,014	0.2%
Mumps	17	0.0%
Otitis media	514,521	44.0%
Pertussis	1,326	0.1%
Pneumonia	40,298	3.4%
Rubella	290	0.0%
Sickle cell disease	779	0.1%
Sinusitis	73,967	6.3%
Clinical Characteristics Identified by Searching Infant and Mother Record [0, 365 Days]		
Evidence of Major Congenital Malformations		
Central Nervous System		
Encephalocele, cranial meningocele, encephalomyelocele	256	0.0%
Holoprosencephaly	905	0.1%
Microcephalus	2,455	0.2%
Spina bifida	1,721	0.1%
Eye, Ear, Nose, Throat (EENT)		
Anophthalmia, microphthalmia	291	0.0%
Anotia, microtia	381	0.0%
Cataracts and other lens defects	1,164	0.1%
Cardiac		
Other cardiac defects: septal defects, heterotaxy, papvr	985	0.1%
Pulmonary venous return, anomalous coronary artery	319	0.0%
Severe cardiac defects	19,096	1.6%
Orofacial/Respiratory		
Choanal atresia/stenosis	418	0.0%
Cleft palate/lip	2,949	0.3%
Gastrointestinal		
Biliary atresia	280	0.0%
Esophageal atresia + tracheoesophageal fistula	579	0.0%
Exstrophy, bladder	88	0.0%
Intestinal atresia/stenosis	1,675	0.1%
Pyloric stenosis	3,560	0.3%
Genitourinary/Renal		
Congenital hydronephrosis	9,790	0.8%
Hypospadias — second or third degree	9,631	0.8%
Posterior urethral valve/and/or prune belly	64	0.0%
Renal agenesis/hypoplasia	1,604	0.1%
Renal dysplasia	782	0.1%

Table 2k. Aggregated Baseline Characteristics of Infants Paired to a Mother via a Live-Birth Singleton Delivery in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is \geq 730 Days

Musculoskeletal Malformations		
Diaphragmatic hernia	552	0.0%
Gastroschisis or omphalocele	1,916	0.2%
Limb deficiency	691	0.1%
Sacral agenesis	630	0.1%

¹Value represents standard deviation where no % follows the value.

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

³Gestational age is estimated using a claims-based algorithm, previously validated in the Medication Exposure in Pregnancy Risk Evaluation Program (MEPREP), to identify pregnancies ending in a live birth. ICD-10-CM diagnosis codes indicative of weeks of gestation, and ICD-9-CM and ICD-10-CM diagnosis codes for pre- and post-term deliveries were used to calculate the length of the pregnancy episode. Codes had to occur within 7 days of a delivery date in the inpatient setting. In the absence of pre-/post-term codes, pregnancy duration was set to 273 days.

⁴Only immunizations recommended by the CDC in the evaluation window are shown. Centers for Disease Control and Prevention. "Recommended Child and Adolescent Immunization Schedule for Ages 18 Years or Younger." United States: U.S. Department of Health and Human Services, 2020.

Table 3a. Aggregated Baseline Characteristics of Infants Without Paired Mothers in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021

Characteristic	Number	Percent
Number of unique infants	3,263,162	100.0%
Infant Characteristics		
Birth Year		
2000	0	0.0%
2001	16,079	0.5%
2002	15,957	0.5%
2003	17,501	0.5%
2004	17,936	0.5%
2005	18,953	0.6%
2006	19,454	0.6%
2007	130,441	4.0%
2008	118,478	3.6%
2009	267,717	8.2%
2010	242,331	7.4%
2011	234,812	7.2%
2012	238,937	7.3%
2013	258,776	7.9%
2014	267,828	8.2%
2015	283,019	8.7%
2016	276,757	8.5%
2017	252,609	7.7%
2018	237,247	7.3%
2019	212,098	6.5%
2020	128,418	3.9%
2021	7,814	0.2%
Sex		
Female	1,584,817	48.6%
Male	1,677,963	51.4%
Race Categories²		
American Indian or Alaska Native	2,361	0.1%
Asian	6,807	0.2%
Black or African American	55,954	1.7%
Native Hawaiian or Other Pacific Islander	33	0.0%
White	157,972	4.8%
Unknown	3,040,035	93.2%
Ethnicity		
Hispanic or Latino	22,252	0.7%
Not Hispanic or Latino	202,675	6.2%
Unknown	3,038,235	93.1%
Mean Birth-Enrollment Gap (Days)	Mean	Standard Deviation
	84.6	121.5

Table 3a. Aggregated Baseline Characteristics of Infants Without Paired Mothers in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021

Birth-Enrollment Gap Categories (Days)	Number	Percent
0-14	1,716,808	52.6%
15-30	110,630	3.4%
31-90	265,394	8.1%
>90	1,170,330	35.9%
Mean Continuous Enrollment (Days)	Mean	Standard Deviation
	895.8	986.1
Continuous Enrollment Categories (Days)	Number	Percent
<=30	282,660	8.7%
31-183	505,607	15.5%
184-365	539,632	16.5%
366-729	627,323	19.2%
>=730	1,307,940	40.1%
Clinical Characteristics Identified by Searching Infant Record Only [0, 28 Days]		
Evidence of Neonatal Medication Administrations		
Any antibiotic	5,611	0.2%
Ampicillin	1,769	0.1%
Cefotaxime	312	0.0%
Any corticosteroid	390	0.0%
Gentamicin	1,082	0.0%
Any opioid	440	0.0%
Any surfactant	1,971	0.1%
Any vitamin	14,077	0.4%
Any vitamin K	13,245	0.4%
Evidence of Neonatal Outcomes		
Bronchopulmonary dysplasia	5,768	0.2%
Fetal alcohol syndrome	237	0.0%
Low birth weight	83,234	2.6%
Necrotizing enterocolitis	2,581	0.1%
Neonatal abstinence syndrome	8,312	0.3%
Neonatal sepsis	19,415	0.6%
Retinopathy of prematurity	10,864	0.3%
Respiratory distress syndrome	52,987	1.6%
Evidence of Medication Dispensings		
Antibiotics	5,256	0.2%
Anticonvulsants	580	0.0%
Antidiabetic agents	20	0.0%
Antihistamines	294	0.0%
Antihypertensives	147	0.0%
Asthma medications	923	0.0%
Glucocorticoids	2,668	0.1%
Proton pump inhibitors	1,978	0.1%
Evidence of Immunizations³		
Hepatitis B	68,038	2.1%

Table 3a. Aggregated Baseline Characteristics of Infants Without Paired Mothers in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021

Evidence of Comorbidities	Number	Percent
Allergies, hypersensitivities, and allergic reactions	25,505	0.8%
Anemia	7,068	0.2%
Asthma	481	0.0%
Cancer of the central nervous system	13	0.0%
Cancer of the lymphoid, hematopoietic tissues	180	0.0%
Cancer, other	375	0.0%
Diabetes mellitus	502	0.0%
Epilepsy	866	0.0%
Gastroesophageal reflux disease	50,495	1.5%
Hypertension	1,380	0.0%
Influenza	496	0.0%
Intellectual disabilities and related conditions	4,834	0.1%
Irritable bowel syndrome	70	0.0%
Measles	0	0.0%
Meningitis	1,658	0.1%
Mumps	0	0.0%
Otitis media	2,690	0.1%
Pertussis	89	0.0%
Pneumonia	4,095	0.1%
Rubella	15	0.0%
Sickle cell disease	222	0.0%
Sinusitis	463	0.0%
Clinical Characteristics Identified by Searching Infant Record Only [29, 365 Days]		
Evidence of Medication Dispensings		
Antibiotics	869,512	26.6%
Anticonvulsants	6,475	0.2%
Antidiabetic agents	184	0.0%
Antihistamines	131,441	4.0%
Antihypertensives	3,167	0.1%
Asthma medications	257,281	7.9%
Glucocorticoids	399,744	12.3%
Proton pump inhibitors	53,048	1.6%
Evidence of Immunizations³		
Hepatitis A	40,714	1.2%
Hepatitis B	1,687,427	51.7%
Diphtheria, tetanus, acellular pertussis	1,729,285	53.0%
Haemophilus influenza type B	1,690,328	51.8%
Inactivated Poliovirus	1,700,121	52.1%
Influenza (Live Attenuated or Inactivated)	876,748	26.9%
Measles, Mumps, Rubella	58,107	1.8%
Meningococcal (A, C, W, Y)	3,328	0.1%
Pneumococcal (PCV13 only)	1,729,575	53.0%
Rotavirus	1,457,619	44.7%
Varicella	44,720	1.4%

Table 3a. Aggregated Baseline Characteristics of Infants Without Paired Mothers in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021

Evidence of Comorbidities	Number	Percent
Allergies, hypersensitivities, and allergic reactions	300,451	9.2%
Anemia	50,227	1.5%
Asthma	64,832	2.0%
Cancer of the central nervous system	57	0.0%
Cancer of the lymphoid, hematopoietic tissues	773	0.0%
Cancer, other	1,467	0.0%
Diabetes mellitus	1,151	0.0%
Epilepsy	6,950	0.2%
Gastroesophageal reflux disease	245,411	7.5%
Hypertension	3,720	0.1%
Influenza	57,098	1.7%
Intellectual disabilities and related conditions	8,342	0.3%
Irritable bowel syndrome	504	0.0%
Measles	71	0.0%
Meningitis	2,627	0.1%
Mumps	30	0.0%
Otitis media	757,637	23.2%
Pertussis	1,772	0.1%
Pneumonia	56,166	1.7%
Rubella	422	0.0%
Sickle cell disease	1,118	0.0%
Sinusitis	100,033	3.1%
Clinical Characteristics Identified by Searching Infant Record Only [0, 365 Days]		
Evidence of Major Congenital Malformations		
Central Nervous System		
Encephalocele, cranial meningocele, encephalomyelocele	319	0.0%
Holoprosencephaly	1,721	0.1%
Microcephalus	3,929	0.1%
Spina bifida	1,369	0.0%
Eye, Ear, Nose, Throat (EENT)		
Anophthalmia, microphthalmia	470	0.0%
Anotia, microtia	680	0.0%
Cataracts and other lens defects	1,157	0.0%
Cardiac		
Other cardiac defects: septal defects, heterotaxy, papvr	1,244	0.0%
Pulmonary venous return, anomalous coronary artery	562	0.0%
Severe cardiac defects	26,995	0.8%
Orofacial/Respiratory		
Choanal atresia/stenosis	566	0.0%
Cleft palate/lip	4,101	0.1%
Gastrointestinal		
Biliary atresia	517	0.0%
Esophageal atresia + tracheoesophageal fistula	846	0.0%
Exstrophy, bladder	102	0.0%
Intestinal atresia/stenosis	2,594	0.1%
Pyloric stenosis	4,240	0.1%

Table 3a. Aggregated Baseline Characteristics of Infants Without Paired Mothers in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021

Genitourinary/Renal	Number	Percent
Congenital hydronephrosis	12,642	0.4%
Hypospadias — second or third degree	13,216	0.4%
Posterior urethral valve/and/or prune belly	71	0.0%
Renal agenesis/hypoplasia	1,625	0.0%
Renal dysplasia	1,416	0.0%
Musculoskeletal Malformations		
Diaphragmatic hernia	943	0.0%
Gastroschisis or omphalocele	2,421	0.1%
Limb deficiency	743	0.0%
Sacral agenesis	792	0.0%

¹Value represents standard deviation where no % follows the value.

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

³Only immunizations recommended by the CDC in the evaluation window are shown. Centers for Disease Control and Prevention. “Recommended Child and Adolescent Immunization Schedule for Ages 18 Years or Younger.” United States: U.S. Department of Health and Human Services, 2020.

Table 3b. Aggregated Baseline Characteristics of Infants Without Paired Mothers in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is <= 30 Days

Characteristic	Number	Percent
Number of unique infants	282,660	100.0%
Infant Characteristics		
Birth Year		
2000	0	0.0%
2001	61	0.0%
2002	50	0.0%
2003	57	0.0%
2004	47	0.0%
2005	46	0.0%
2006	41	0.0%
2007	7,733	2.7%
2008	6,569	2.3%
2009	22,674	8.0%
2010	14,755	5.2%
2011	12,708	4.5%
2012	13,778	4.9%
2013	23,376	8.3%
2014	26,631	9.4%
2015	31,098	11.0%
2016	30,279	10.7%
2017	25,345	9.0%
2018	22,557	8.0%
2019	20,356	7.2%
2020	21,371	7.6%
2021	3,128	1.1%
Sex		
Female	136,355	48.2%
Male	146,188	51.7%
Race Categories²		
American Indian or Alaska Native	148	0.1%
Asian	105	0.0%
Black or African American	475	0.2%
Native Hawaiian or Other Pacific Islander	5	0.0%
White	1,488	0.5%
Unknown	280,439	99.2%
Ethnicity		
Hispanic or Latino	196	0.1%
Not Hispanic or Latino	1,175	0.4%
Unknown	281,289	99.5%
Mean Birth-Enrollment Gap (Days)	Mean	Standard Deviation
	33.3	90.9

Table 3b. Aggregated Baseline Characteristics of Infants Without Paired Mothers in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is <= 30 Days

Birth-Enrollment Gap Categories (Days)	Number	Percent
0-14	226,996	80.3%
15-30	4,952	1.8%
31-90	10,015	3.5%
>90	40,697	14.4%
Mean Continuous Enrollment (Days)	Mean	Standard Deviation
	10.9	173.1
Continuous Enrollment Categories (Days)	Number	Percent
<=30	282,660	100.0%
31-183	0	0.0%
184-365	0	0.0%
366-729	0	0.0%
>=730	0	0.0%
Clinical Characteristics Identified by Searching Infant Record Only [0, 28 Days]		
Evidence of Neonatal Medication Administrations		
Any antibiotic	660	0.2%
Ampicillin	273	0.1%
Cefotaxime	32	0.0%
Any corticosteroid	55	0.0%
Gentamicin	205	0.1%
Any opioid	80	0.0%
Any surfactant	304	0.1%
Any vitamin	1,966	0.7%
Any vitamin K	1,905	0.7%
Evidence of Neonatal Outcomes		
Bronchopulmonary dysplasia	477	0.2%
Fetal alcohol syndrome	36	0.0%
Low birth weight	11,303	4.0%
Necrotizing enterocolitis	356	0.1%
Neonatal abstinence syndrome	1,178	0.4%
Neonatal sepsis	2,429	0.9%
Retinopathy of prematurity	891	0.3%
Respiratory distress syndrome	8,198	2.9%
Evidence of Medication Dispensings		
Antibiotics	352	0.1%
Anticonvulsants	37	0.0%
Antidiabetic agents	4	0.0%
Antihistamines	13	0.0%
Antihypertensives	13	0.0%
Asthma medications	57	0.0%
Glucocorticoids	167	0.1%
Proton pump inhibitors	105	0.0%

Table 3b. Aggregated Baseline Characteristics of Infants Without Paired Mothers in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is <= 30 Days

Evidence of Immunizations³	Number	Percent
Hepatitis B	6,118	2.2%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	3,123	1.1%
Anemia	859	0.3%
Asthma	69	0.0%
Cancer of the central nervous system	6	0.0%
Cancer of the lymphoid, hematopoietic tissues	21	0.0%
Cancer, other	45	0.0%
Diabetes mellitus	87	0.0%
Epilepsy	111	0.0%
Gastroesophageal reflux disease	4,468	1.6%
Hypertension	169	0.1%
Influenza	51	0.0%
Intellectual disabilities and related conditions	758	0.3%
Irritable bowel syndrome	6	0.0%
Measles	0	0.0%
Meningitis	175	0.1%
Mumps	0	0.0%
Otitis media	229	0.1%
Pertussis	3	0.0%
Pneumonia	456	0.2%
Rubella	3	0.0%
Sickle cell disease	39	0.0%
Sinusitis	49	0.0%
Clinical Characteristics Identified by Searching Infant Record Only [29, 365 Days]		
Evidence of Medication Dispensings		
Antibiotics	6,582	2.3%
Anticonvulsants	95	0.0%
Antidiabetic agents	21	0.0%
Antihistamines	617	0.2%
Antihypertensives	58	0.0%
Asthma medications	1,880	0.7%
Glucocorticoids	2,769	1.0%
Proton pump inhibitors	367	0.1%
Evidence of Immunizations³		
Hepatitis A	357	0.1%
Hepatitis B	15,228	5.4%
Diphtheria, tetanus, acellular pertussis	15,741	5.6%
Haemophilus influenza type B	15,007	5.3%
Inactivated Poliovirus	15,236	5.4%
Influenza (Live Attenuated or Inactivated)	6,358	2.2%
Measles, Mumps, Rubella	417	0.1%
Meningococcal (A, C, W, Y)	41	0.0%

Table 3b. Aggregated Baseline Characteristics of Infants Without Paired Mothers in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is <= 30 Days

	Number	Percent
Pneumococcal (PCV13 only)	15,602	5.5%
Rotavirus	13,133	4.6%
Varicella	343	0.1%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	2,484	0.9%
Anemia	426	0.2%
Asthma	497	0.2%
Cancer of the central nervous system	2	0.0%
Cancer of the lymphoid, hematopoietic tissues	11	0.0%
Cancer, other	17	0.0%
Diabetes mellitus	30	0.0%
Epilepsy	86	0.0%
Gastroesophageal reflux disease	2,313	0.8%
Hypertension	75	0.0%
Influenza	467	0.2%
Intellectual disabilities and related conditions	95	0.0%
Irritable bowel syndrome	6	0.0%
Measles	0	0.0%
Meningitis	35	0.0%
Mumps	0	0.0%
Otitis media	5,892	2.1%
Pertussis	11	0.0%
Pneumonia	422	0.1%
Rubella	5	0.0%
Sickle cell disease	8	0.0%
Sinusitis	747	0.3%
Clinical Characteristics Identified by Searching Infant Record Only [0, 365 Days]		
Evidence of Major Congenital Malformations		
Central Nervous System		
Encephalocele, cranial meningocele, encephalomyelocele	23	0.0%
Holoprosencephaly	156	0.1%
Microcephalus	193	0.1%
Spina bifida	113	0.0%
Eye, Ear, Nose, Throat (EENT)		
Anophthalmia, microphthalmia	23	0.0%
Anotia, microtia	32	0.0%
Cataracts and other lens defects	43	0.0%
Cardiac		
Other cardiac defects: septal defects, heterotaxy, papvr	84	0.0%
Pulmonary venous return, anomalous coronary artery	67	0.0%
Severe cardiac defects	2,276	0.8%
Orofacial/Respiratory		
Choanal atresia/stenosis	49	0.0%
Cleft palate/lip	276	0.1%

Table 3b. Aggregated Baseline Characteristics of Infants Without Paired Mothers in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is <= 30 Days

Gastrointestinal	Number	Percent
Biliary atresia	51	0.0%
Esophageal atresia + tracheoesophageal fistula	82	0.0%
Exstrophy, bladder	5	0.0%
Intestinal atresia/stenosis	236	0.1%
Pyloric stenosis	116	0.0%
Genitourinary/Renal		
Congenital hydronephrosis	1,088	0.4%
Hypospadias — second or third degree	825	0.3%
Posterior urethral valve/and/or prune belly	6	0.0%
Renal agenesis/hypoplasia	146	0.1%
Renal dysplasia	118	0.0%
Musculoskeletal Malformations		
Diaphragmatic hernia	98	0.0%
Gastroschisis or omphalocele	230	0.1%
Limb deficiency	52	0.0%
Sacral agenesis	60	0.0%

¹Value represents standard deviation where no % follows the value.

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

³Only immunizations recommended by the CDC in the evaluation window are shown. Centers for Disease Control and Prevention. “Recommended Child and Adolescent Immunization Schedule for Ages 18 Years or Younger.” United States: U.S. Department of Health and Human Services, 2020.

Table 3c. Aggregated Baseline Characteristics of Infants Without Paired Mothers in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is 31-183 Days

Characteristic	Number	Percent
Number of unique infants	505,607	100.0%
Infant Characteristics		
Birth Year		
2000	0	0.0%
2001	1,047	0.2%
2002	875	0.2%
2003	880	0.2%
2004	780	0.2%
2005	625	0.1%
2006	756	0.1%
2007	17,120	3.4%
2008	14,644	2.9%
2009	35,759	7.1%
2010	32,899	6.5%
2011	31,108	6.2%
2012	32,181	6.4%
2013	36,287	7.2%
2014	37,966	7.5%
2015	41,603	8.2%
2016	40,318	8.0%
2017	37,735	7.5%
2018	36,410	7.2%
2019	43,791	8.7%
2020	58,143	11.5%
2021	4,680	0.9%
Sex		
Female	244,562	48.4%
Male	260,946	51.6%
Race Categories²		
American Indian or Alaska Native	378	0.1%
Asian	593	0.1%
Black or African American	3,391	0.7%
Native Hawaiian or Other Pacific Islander	4	0.0%
White	10,886	2.2%
Unknown	490,355	97.0%
Ethnicity		
Hispanic or Latino	1,404	0.3%
Not Hispanic or Latino	11,227	2.2%
Unknown	492,976	97.5%
Mean Birth-Enrollment Gap (Days)	Mean	Standard Deviation
	95.5	117.8

Table 3c. Aggregated Baseline Characteristics of Infants Without Paired Mothers in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is 31-183 Days

Birth-Enrollment Gap Categories (Days)	Number	Percent
0-14	237,309	46.9%
15-30	19,651	3.9%
31-90	47,427	9.4%
>90	201,220	39.8%
Mean Continuous Enrollment (Days)	Mean	Standard Deviation
	110.0	43.6
Continuous Enrollment Categories (Days)	Number	Percent
<=30	0	0.0%
31-183	505,607	100.0%
184-365	0	0.0%
366-729	0	0.0%
>=730	0	0.0%
Clinical Characteristics Identified by Searching Infant Record Only [0, 28 Days]		
Evidence of Neonatal Medication Administrations		
Any antibiotic	670	0.1%
Ampicillin	260	0.1%
Cefotaxime	30	0.0%
Any corticosteroid	66	0.0%
Gentamicin	161	0.0%
Any opioid	62	0.0%
Any surfactant	271	0.1%
Any vitamin	2,239	0.4%
Any vitamin K	2,124	0.4%
Evidence of Neonatal Outcomes		
Bronchopulmonary dysplasia	867	0.2%
Fetal alcohol syndrome	38	0.0%
Low birth weight	12,146	2.4%
Necrotizing enterocolitis	431	0.1%
Neonatal abstinence syndrome	916	0.2%
Neonatal sepsis	2,828	0.6%
Retinopathy of prematurity	1,799	0.4%
Respiratory distress syndrome	8,167	1.6%
Evidence of Medication Dispensings		
Antibiotics	735	0.1%
Anticonvulsants	85	0.0%
Antidiabetic agents	2	0.0%
Antihistamines	23	0.0%
Antihypertensives	24	0.0%
Asthma medications	119	0.0%
Glucocorticoids	379	0.1%
Proton pump inhibitors	309	0.1%

Table 3c. Aggregated Baseline Characteristics of Infants Without Paired Mothers in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is 31-183 Days

Evidence of Immunizations³	Number	Percent
Hepatitis B	10,404	2.1%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	4,484	0.9%
Anemia	1,190	0.2%
Asthma	61	0.0%
Cancer of the central nervous system	2	0.0%
Cancer of the lymphoid, hematopoietic tissues	29	0.0%
Cancer, other	65	0.0%
Diabetes mellitus	70	0.0%
Epilepsy	168	0.0%
Gastroesophageal reflux disease	8,032	1.6%
Hypertension	242	0.0%
Influenza	60	0.0%
Intellectual disabilities and related conditions	816	0.2%
Irritable bowel syndrome	13	0.0%
Measles	0	0.0%
Meningitis	253	0.1%
Mumps	0	0.0%
Otitis media	337	0.1%
Pertussis	12	0.0%
Pneumonia	607	0.1%
Rubella	1	0.0%
Sickle cell disease	35	0.0%
Sinusitis	54	0.0%
Clinical Characteristics Identified by Searching Infant Record Only [29, 365 Days]		
Evidence of Medication Dispensings		
Antibiotics	54,961	10.9%
Anticonvulsants	629	0.1%
Antidiabetic agents	19	0.0%
Antihistamines	4,778	0.9%
Antihypertensives	303	0.1%
Asthma medications	16,066	3.2%
Glucocorticoids	26,480	5.2%
Proton pump inhibitors	5,595	1.1%
Evidence of Immunizations³		
Hepatitis A	1,943	0.4%
Hepatitis B	220,543	43.6%
Diphtheria, tetanus, acellular pertussis	243,399	48.1%
Haemophilus influenza type B	236,398	46.8%
Inactivated Poliovirus	237,412	47.0%
Influenza (Live Attenuated or Inactivated)	51,231	10.1%
Measles, Mumps, Rubella	2,491	0.5%
Meningococcal (A, C, W, Y)	389	0.1%

Table 3c. Aggregated Baseline Characteristics of Infants Without Paired Mothers in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is 31-183 Days

	Number	Percent
Pneumococcal (PCV13 only)	240,743	47.6%
Rotavirus	214,225	42.4%
Varicella	1,913	0.4%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	24,819	4.9%
Anemia	3,557	0.7%
Asthma	3,966	0.8%
Cancer of the central nervous system	6	0.0%
Cancer of the lymphoid, hematopoietic tissues	68	0.0%
Cancer, other	108	0.0%
Diabetes mellitus	84	0.0%
Epilepsy	625	0.1%
Gastroesophageal reflux disease	32,398	6.4%
Hypertension	389	0.1%
Influenza	3,520	0.7%
Intellectual disabilities and related conditions	892	0.2%
Irritable bowel syndrome	33	0.0%
Measles	1	0.0%
Meningitis	267	0.1%
Mumps	1	0.0%
Otitis media	47,508	9.4%
Pertussis	156	0.0%
Pneumonia	3,358	0.7%
Rubella	17	0.0%
Sickle cell disease	130	0.0%
Sinusitis	5,474	1.1%
Clinical Characteristics Identified by Searching Infant Record Only [0, 365 Days]		
Evidence of Major Congenital Malformations		
Central Nervous System		
Encephalocele, cranial meningocele, encephalomyelocele	47	0.0%
Holoprosencephaly	258	0.1%
Microcephalus	425	0.1%
Spina bifida	153	0.0%
Eye, Ear, Nose, Throat (EENT)		
Anophthalmia, microphthalmia	71	0.0%
Anotia, microtia	92	0.0%
Cataracts and other lens defects	140	0.0%
Cardiac		
Other cardiac defects: septal defects, heterotaxy, papvr	181	0.0%
Pulmonary venous return, anomalous coronary artery	99	0.0%
Severe cardiac defects	3,953	0.8%
Orofacial/Respiratory		
Choanal atresia/stenosis	84	0.0%
Cleft palate/lip	571	0.1%

Table 3c. Aggregated Baseline Characteristics of Infants Without Paired Mothers in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is 31-183 Days

Gastrointestinal	Number	Percent
Biliary atresia	82	0.0%
Esophageal atresia + tracheoesophageal fistula	134	0.0%
Exstrophy, bladder	11	0.0%
Intestinal atresia/stenosis	347	0.1%
Pyloric stenosis	567	0.1%
Genitourinary/Renal		
Congenital hydronephrosis	1,749	0.3%
Hypospadias — second or third degree	1,647	0.3%
Posterior urethral valve/and/or prune belly	9	0.0%
Renal agenesis/hypoplasia	218	0.0%
Renal dysplasia	193	0.0%
Musculoskeletal Malformations		
Diaphragmatic hernia	146	0.0%
Gastroschisis or omphalocele	338	0.1%
Limb deficiency	90	0.0%
Sacral agenesis	129	0.0%

¹Value represents standard deviation where no % follows the value.

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

³Only immunizations recommended by the CDC in the evaluation window are shown. Centers for Disease Control and Prevention. “Recommended Child and Adolescent Immunization Schedule for Ages 18 Years or Younger.” United States: U.S. Department of Health and Human Services, 2020.

Table 3d. Aggregated Baseline Characteristics of Infants Without Paired Mothers in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is 184-365 Days

Characteristic	Number	Percent
Number of unique infants	539,632	100.0%
Infant Characteristics		
Birth Year		
2000	0	0.0%
2001	1,888	0.3%
2002	2,153	0.4%
2003	2,301	0.4%
2004	1,357	0.3%
2005	1,522	0.3%
2006	1,552	0.3%
2007	17,570	3.3%
2008	14,976	2.8%
2009	40,536	7.5%
2010	35,664	6.6%
2011	33,532	6.2%
2012	35,180	6.5%
2013	38,389	7.1%
2014	40,625	7.5%
2015	45,303	8.4%
2016	45,750	8.5%
2017	40,935	7.6%
2018	38,514	7.1%
2019	59,574	11.0%
2020	42,311	7.8%
2021	0	0.0%
Sex		
Female	262,102	48.6%
Male	277,447	51.4%
Race Categories²		
American Indian or Alaska Native	275	0.1%
Asian	873	0.2%
Black or African American	5,159	1.0%
Native Hawaiian or Other Pacific Islander	4	0.0%
White	16,254	3.0%
Unknown	517,067	95.8%
Ethnicity		
Hispanic or Latino	2,707	0.5%
Not Hispanic or Latino	17,962	3.3%
Unknown	518,963	96.2%
Mean Birth-Enrollment Gap (Days)	Mean	Standard Deviation
	101.3	119.1

Table 3d. Aggregated Baseline Characteristics of Infants Without Paired Mothers in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is 184-365 Days

Birth-Enrollment Gap Categories (Days)	Number	Percent
0-14	239,593	44.4%
15-30	19,845	3.7%
31-90	51,132	9.5%
>90	229,062	42.4%
Mean Continuous Enrollment (Days)	Mean	Standard Deviation
	289.9	57.4
Continuous Enrollment Categories (Days)	Number	Percent
<=30	0	0.0%
31-183	0	0.0%
184-365	539,632	100.0%
366-729	0	0.0%
>=730	0	0.0%
Clinical Characteristics Identified by Searching Infant Record Only [0, 28 Days]		
Evidence of Neonatal Medication Administrations		
Any antibiotic	737	0.1%
Ampicillin	291	0.1%
Cefotaxime	55	0.0%
Any corticosteroid	65	0.0%
Gentamicin	174	0.0%
Any opioid	69	0.0%
Any surfactant	224	0.0%
Any vitamin	2,458	0.5%
Any vitamin K	2,287	0.4%
Evidence of Neonatal Outcomes		
Bronchopulmonary dysplasia	942	0.2%
Fetal alcohol syndrome	34	0.0%
Low birth weight	11,841	2.2%
Necrotizing enterocolitis	400	0.1%
Neonatal abstinence syndrome	912	0.2%
Neonatal sepsis	2,708	0.5%
Retinopathy of prematurity	1,966	0.4%
Respiratory distress syndrome	8,002	1.5%
Evidence of Medication Dispensings		
Antibiotics	848	0.2%
Anticonvulsants	96	0.0%
Antidiabetic agents	0	0.0%
Antihistamines	22	0.0%
Antihypertensives	14	0.0%
Asthma medications	150	0.0%
Glucocorticoids	436	0.1%
Proton pump inhibitors	381	0.1%

Table 3d. Aggregated Baseline Characteristics of Infants Without Paired Mothers in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is 184-365 Days

Evidence of Immunizations³	Number	Percent
Hepatitis B	11,254	2.1%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	4,692	0.9%
Anemia	1,184	0.2%
Asthma	69	0.0%
Cancer of the central nervous system	2	0.0%
Cancer of the lymphoid, hematopoietic tissues	27	0.0%
Cancer, other	71	0.0%
Diabetes mellitus	78	0.0%
Epilepsy	151	0.0%
Gastroesophageal reflux disease	8,333	1.5%
Hypertension	229	0.0%
Influenza	65	0.0%
Intellectual disabilities and related conditions	738	0.1%
Irritable bowel syndrome	11	0.0%
Measles	0	0.0%
Meningitis	248	0.0%
Mumps	0	0.0%
Otitis media	340	0.1%
Pertussis	11	0.0%
Pneumonia	588	0.1%
Rubella	2	0.0%
Sickle cell disease	36	0.0%
Sinusitis	63	0.0%
Clinical Characteristics Identified by Searching Infant Record Only [29, 365 Days]		
Evidence of Medication Dispensings		
Antibiotics	143,409	26.6%
Anticonvulsants	1,102	0.2%
Antidiabetic agents	20	0.0%
Antihistamines	13,867	2.6%
Antihypertensives	518	0.1%
Asthma medications	40,454	7.5%
Glucocorticoids	65,541	12.1%
Proton pump inhibitors	9,764	1.8%
Evidence of Immunizations³		
Hepatitis A	5,166	1.0%
Hepatitis B	323,873	60.0%
Diphtheria, tetanus, acellular pertussis	331,834	61.5%
Haemophilus influenza type B	323,981	60.0%
Inactivated Poliovirus	325,998	60.4%
Influenza (Live Attenuated or Inactivated)	176,571	32.7%
Measles, Mumps, Rubella	7,940	1.5%
Meningococcal (A, C, W, Y)	615	0.1%

Table 3d. Aggregated Baseline Characteristics of Infants Without Paired Mothers in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is 184-365 Days

	Number	Percent
Pneumococcal (PCV13 only)	332,267	61.6%
Rotavirus	286,418	53.1%
Varicella	5,270	1.0%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	56,595	10.5%
Anemia	8,210	1.5%
Asthma	10,365	1.9%
Cancer of the central nervous system	9	0.0%
Cancer of the lymphoid, hematopoietic tissues	117	0.0%
Cancer, other	222	0.0%
Diabetes mellitus	127	0.0%
Epilepsy	1,243	0.2%
Gastroesophageal reflux disease	46,800	8.7%
Hypertension	631	0.1%
Influenza	8,775	1.6%
Intellectual disabilities and related conditions	1,510	0.3%
Irritable bowel syndrome	75	0.0%
Measles	10	0.0%
Meningitis	453	0.1%
Mumps	4	0.0%
Otitis media	125,590	23.3%
Pertussis	329	0.1%
Pneumonia	8,191	1.5%
Rubella	57	0.0%
Sickle cell disease	173	0.0%
Sinusitis	15,976	3.0%
Clinical Characteristics Identified by Searching Infant Record Only [0, 365 Days]		
Evidence of Major Congenital Malformations		
Central Nervous System		
Encephalocele, cranial meningocele, encephalomyelocele	54	0.0%
Holoprosencephaly	279	0.1%
Microcephalus	710	0.1%
Spina bifida	215	0.0%
Eye, Ear, Nose, Throat (EENT)		
Anophthalmia, microphthalmia	69	0.0%
Anotia, microtia	135	0.0%
Cataracts and other lens defects	223	0.0%
Cardiac		
Other cardiac defects: septal defects, heterotaxy, papvr	217	0.0%
Pulmonary venous return, anomalous coronary artery	112	0.0%
Severe cardiac defects	4,689	0.9%
Orofacial/Respiratory		
Choanal atresia/stenosis	95	0.0%
Cleft palate/lip	722	0.1%

Table 3d. Aggregated Baseline Characteristics of Infants Without Paired Mothers in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is 184-365 Days

Gastrointestinal	Number	Percent
Biliary atresia	92	0.0%
Esophageal atresia + tracheoesophageal fistula	145	0.0%
Exstrophy, bladder	9	0.0%
Intestinal atresia/stenosis	456	0.1%
Pyloric stenosis	615	0.1%
Genitourinary/Renal		
Congenital hydronephrosis	2,329	0.4%
Hypospadias — second or third degree	2,359	0.4%
Posterior urethral valve/and/or prune belly	16	0.0%
Renal agenesis/hypoplasia	289	0.1%
Renal dysplasia	235	0.0%
Musculoskeletal Malformations		
Diaphragmatic hernia	182	0.0%
Gastroschisis or omphalocele	371	0.1%
Limb deficiency	119	0.0%
Sacral agenesis	150	0.0%

¹Value represents standard deviation where no % follows the value.

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

³Only immunizations recommended by the CDC in the evaluation window are shown. Centers for Disease Control and Prevention. “Recommended Child and Adolescent Immunization Schedule for Ages 18 Years or Younger.” United States: U.S. Department of Health and Human Services, 2020.

Table 3e. Aggregated Baseline Characteristics of Infants Without Paired Mothers in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is 366-729 Days

Characteristic	Number	Percent
Number of unique infants	627,323	100.0%
Infant Characteristics		
Birth Year		
2000	0	0.0%
2001	5,244	0.8%
2002	4,954	0.8%
2003	5,057	0.8%
2004	5,433	0.9%
2005	6,096	1.0%
2006	6,324	1.0%
2007	23,427	3.7%
2008	22,206	3.5%
2009	47,257	7.5%
2010	39,820	6.3%
2011	40,714	6.5%
2012	46,245	7.4%
2013	41,738	6.7%
2014	39,360	6.3%
2015	43,457	6.9%
2016	50,703	8.1%
2017	46,318	7.4%
2018	63,923	10.2%
2019	82,546	13.2%
2020	6,499	1.0%
2021	2	0.0%
Sex		
Female	305,434	48.7%
Male	321,840	51.3%
Race Categories²		
American Indian or Alaska Native	490	0.1%
Asian	2,179	0.3%
Black or African American	13,311	2.1%
Native Hawaiian or Other Pacific Islander	6	0.0%
White	44,180	7.0%
Unknown	567,157	90.4%
Ethnicity		
Hispanic or Latino	8,456	1.3%
Not Hispanic or Latino	56,124	8.9%
Unknown	562,743	89.7%
Mean Birth-Enrollment Gap (Days)	Mean	Standard Deviation
	85.0	114.1

Table 3e. Aggregated Baseline Characteristics of Infants Without Paired Mothers in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is 366-729 Days

Birth-Enrollment Gap Categories (Days)	Number	Percent
0-14	332,729	53.0%
15-30	20,775	3.3%
31-90	49,512	7.9%
>90	224,307	35.8%
Mean Continuous Enrollment (Days)	Mean	Standard Deviation
	537.9	106.1
Continuous Enrollment Categories (Days)	Number	Percent
<=30	0	0.0%
31-183	0	0.0%
184-365	0	0.0%
366-729	627,323	100.0%
>=730	0	0.0%
Clinical Characteristics Identified by Searching Infant Record Only [0, 28 Days]		
Evidence of Neonatal Medication Administrations		
Any antibiotic	1,196	0.2%
Ampicillin	362	0.1%
Cefotaxime	54	0.0%
Any corticosteroid	68	0.0%
Gentamicin	218	0.0%
Any opioid	81	0.0%
Any surfactant	363	0.1%
Any vitamin	2,739	0.4%
Any vitamin K	2,571	0.4%
Evidence of Neonatal Outcomes		
Bronchopulmonary dysplasia	988	0.2%
Fetal alcohol syndrome	48	0.0%
Low birth weight	16,024	2.6%
Necrotizing enterocolitis	436	0.1%
Neonatal abstinence syndrome	1,931	0.3%
Neonatal sepsis	3,424	0.5%
Retinopathy of prematurity	2,181	0.3%
Respiratory distress syndrome	9,890	1.6%
Evidence of Medication Dispensings		
Antibiotics	1,147	0.2%
Anticonvulsants	137	0.0%
Antidiabetic agents	4	0.0%
Antihistamines	67	0.0%
Antihypertensives	25	0.0%
Asthma medications	191	0.0%
Glucocorticoids	561	0.1%
Proton pump inhibitors	396	0.1%

Table 3e. Aggregated Baseline Characteristics of Infants Without Paired Mothers in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is 366-729 Days

Evidence of Immunizations³	Number	Percent
Hepatitis B	14,305	2.3%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	6,020	1.0%
Anemia	1,414	0.2%
Asthma	99	0.0%
Cancer of the central nervous system	1	0.0%
Cancer of the lymphoid, hematopoietic tissues	29	0.0%
Cancer, other	65	0.0%
Diabetes mellitus	96	0.0%
Epilepsy	168	0.0%
Gastroesophageal reflux disease	10,421	1.7%
Hypertension	257	0.0%
Influenza	113	0.0%
Intellectual disabilities and related conditions	838	0.1%
Irritable bowel syndrome	13	0.0%
Measles	0	0.0%
Meningitis	330	0.1%
Mumps	0	0.0%
Otitis media	586	0.1%
Pertussis	15	0.0%
Pneumonia	808	0.1%
Rubella	4	0.0%
Sickle cell disease	48	0.0%
Sinusitis	95	0.0%
Clinical Characteristics Identified by Searching Infant Record Only [29, 365 Days]		
Evidence of Medication Dispensings		
Antibiotics	221,392	35.3%
Anticonvulsants	1,514	0.2%
Antidiabetic agents	30	0.0%
Antihistamines	33,465	5.3%
Antihypertensives	658	0.1%
Asthma medications	64,742	10.3%
Glucocorticoids	101,042	16.1%
Proton pump inhibitors	12,020	1.9%
Evidence of Immunizations³		
Hepatitis A	11,234	1.8%
Hepatitis B	397,726	63.4%
Diphtheria, tetanus, acellular pertussis	401,976	64.1%
Haemophilus influenza type B	393,619	62.7%
Inactivated Poliovirus	396,195	63.2%
Influenza (Live Attenuated or Inactivated)	228,735	36.5%
Measles, Mumps, Rubella	16,419	2.6%
Meningococcal (A, C, W, Y)	743	0.1%

Table 3e. Aggregated Baseline Characteristics of Infants Without Paired Mothers in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is 366-729 Days

	Number	Percent
Pneumococcal (PCV13 only)	402,630	64.2%
Rotavirus	334,525	53.3%
Varicella	12,382	2.0%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	80,768	12.9%
Anemia	12,737	2.0%
Asthma	16,180	2.6%
Cancer of the central nervous system	18	0.0%
Cancer of the lymphoid, hematopoietic tissues	173	0.0%
Cancer, other	344	0.1%
Diabetes mellitus	226	0.0%
Epilepsy	1,689	0.3%
Gastroesophageal reflux disease	57,244	9.1%
Hypertension	857	0.1%
Influenza	16,676	2.7%
Intellectual disabilities and related conditions	1,765	0.3%
Irritable bowel syndrome	117	0.0%
Measles	24	0.0%
Meningitis	612	0.1%
Mumps	13	0.0%
Otitis media	194,041	30.9%
Pertussis	430	0.1%
Pneumonia	14,346	2.3%
Rubella	101	0.0%
Sickle cell disease	271	0.0%
Sinusitis	25,427	4.1%
Clinical Characteristics Identified by Searching Infant Record Only [0, 365 Days]		
Evidence of Major Congenital Malformations		
Central Nervous System		
Encephalocele, cranial meningocele, encephalomyelocele	70	0.0%
Holoprosencephaly	346	0.1%
Microcephalus	908	0.1%
Spina bifida	270	0.0%
Eye, Ear, Nose, Throat (EENT)		
Anophthalmia, microphthalmia	102	0.0%
Anotia, microtia	153	0.0%
Cataracts and other lens defects	267	0.0%
Cardiac		
Other cardiac defects: septal defects, heterotaxy, papvr	259	0.0%
Pulmonary venous return, anomalous coronary artery	91	0.0%
Severe cardiac defects	5,663	0.9%
Orofacial/Respiratory		
Choanal atresia/stenosis	114	0.0%
Cleft palate/lip	933	0.1%

Table 3e. Aggregated Baseline Characteristics of Infants Without Paired Mothers in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is 366-729 Days

Gastrointestinal	Number	Percent
Biliary atresia	102	0.0%
Esophageal atresia + tracheoesophageal fistula	161	0.0%
Exstrophy, bladder	28	0.0%
Intestinal atresia/stenosis	508	0.1%
Pyloric stenosis	1,024	0.2%
Genitourinary/Renal		
Congenital hydronephrosis	2,676	0.4%
Hypospadias — second or third degree	2,941	0.5%
Posterior urethral valve/and/or prune belly	11	0.0%
Renal agenesis/hypoplasia	347	0.1%
Renal dysplasia	291	0.0%
Musculoskeletal Malformations		
Diaphragmatic hernia	175	0.0%
Gastroschisis or omphalocele	624	0.1%
Limb deficiency	176	0.0%
Sacral agenesis	183	0.0%

¹Value represents standard deviation where no % follows the value.

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

³Only immunizations recommended by the CDC in the evaluation window are shown. Centers for Disease Control and Prevention. “Recommended Child and Adolescent Immunization Schedule for Ages 18 Years or Younger.” United States: U.S. Department of Health and Human Services, 2020.

Table 3f. Aggregated Baseline Characteristics of Infants Without Paired Mothers in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is >= 730 Days

Characteristic	Number	Percent
Number of unique infants	1,307,940	100.0%
Infant Characteristics		
Birth Year		
2000	0	0.0%
2001	7,839	0.6%
2002	7,925	0.6%
2003	9,206	0.7%
2004	10,319	0.8%
2005	10,664	0.8%
2006	10,781	0.8%
2007	64,591	4.9%
2008	60,083	4.6%
2009	121,491	9.3%
2010	119,193	9.1%
2011	116,750	8.9%
2012	111,553	8.5%
2013	118,986	9.1%
2014	123,246	9.4%
2015	121,558	9.3%
2016	109,707	8.4%
2017	102,276	7.8%
2018	75,843	5.8%
2019	5,831	0.4%
2020	94	0.0%
2021	4	0.0%
Sex		
Female	636,364	48.7%
Male	671,542	51.3%
Race Categories²		
American Indian or Alaska Native	1,070	0.1%
Asian	3,057	0.2%
Black or African American	33,618	2.6%
Native Hawaiian or Other Pacific Islander	14	0.0%
White	85,164	6.5%
Unknown	1,185,017	90.6%
Ethnicity		
Hispanic or Latino	9,489	0.7%
Not Hispanic or Latino	116,187	8.9%
Unknown	1,182,264	90.4%
Mean Birth-Enrollment Gap (Days)		
	Mean	Standard Deviation
	84.4	129.3

Table 3f. Aggregated Baseline Characteristics of Infants Without Paired Mothers in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is \geq 730 Days

Birth-Enrollment Gap Categories (Days)	Number	Percent
0-14	680,181	52.0%
15-30	45,407	3.5%
31-90	107,308	8.2%
>90	475,044	36.3%
Mean Continuous Enrollment (Days)	Mean	Standard Deviation
	1,812.4	1015.6
Continuous Enrollment Categories (Days)	Number	Percent
\leq 30	0	0.0%
31-183	0	0.0%
184-365	0	0.0%
366-729	0	0.0%
\geq 730	1,307,940	100.0%
Clinical Characteristics Identified by Searching Infant Record Only [0, 28 Days]		
Evidence of Neonatal Medication Administrations		
Any antibiotic	2,348	0.2%
Ampicillin	583	0.0%
Cefotaxime	141	0.0%
Any corticosteroid	136	0.0%
Gentamicin	324	0.0%
Any opioid	148	0.0%
Any surfactant	809	0.1%
Any vitamin	4,675	0.4%
Any vitamin K	4,358	0.3%
Evidence of Neonatal Outcomes		
Bronchopulmonary dysplasia	2,494	0.2%
Fetal alcohol syndrome	81	0.0%
Low birth weight	31,920	2.4%
Necrotizing enterocolitis	958	0.1%
Neonatal abstinence syndrome	3,375	0.3%
Neonatal sepsis	8,026	0.6%
Retinopathy of prematurity	4,027	0.3%
Respiratory distress syndrome	18,730	1.4%
Evidence of Medication Dispensings		
Antibiotics	2,174	0.2%
Anticonvulsants	225	0.0%
Antidiabetic agents	10	0.0%
Antihistamines	169	0.0%
Antihypertensives	71	0.0%
Asthma medications	406	0.0%
Glucocorticoids	1,125	0.1%
Proton pump inhibitors	787	0.1%

Table 3f. Aggregated Baseline Characteristics of Infants Without Paired Mothers in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is \geq 730 Days

Evidence of Immunizations³	Number	Percent
Hepatitis B	25,957	2.0%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	7,186	0.5%
Anemia	2,421	0.2%
Asthma	183	0.0%
Cancer of the central nervous system	2	0.0%
Cancer of the lymphoid, hematopoietic tissues	74	0.0%
Cancer, other	129	0.0%
Diabetes mellitus	171	0.0%
Epilepsy	268	0.0%
Gastroesophageal reflux disease	19,241	1.5%
Hypertension	483	0.0%
Influenza	207	0.0%
Intellectual disabilities and related conditions	1,684	0.1%
Irritable bowel syndrome	27	0.0%
Measles	0	0.0%
Meningitis	652	0.0%
Mumps	0	0.0%
Otitis media	1,198	0.1%
Pertussis	48	0.0%
Pneumonia	1,636	0.1%
Rubella	5	0.0%
Sickle cell disease	64	0.0%
Sinusitis	202	0.0%
Clinical Characteristics Identified by Searching Infant Record Only [29, 365 Days]		
Evidence of Medication Dispensings		
Antibiotics	443,168	33.9%
Anticonvulsants	3,135	0.2%
Antidiabetic agents	94	0.0%
Antihistamines	78,714	6.0%
Antihypertensives	1,630	0.1%
Asthma medications	134,139	10.3%
Glucocorticoids	203,912	15.6%
Proton pump inhibitors	25,302	1.9%
Evidence of Immunizations³		
Hepatitis A	22,014	1.7%
Hepatitis B	730,057	55.8%
Diphtheria, tetanus, acellular pertussis	736,335	56.3%
Haemophilus influenza type B	721,323	55.1%
Inactivated Poliovirus	725,280	55.5%
Influenza (Live Attenuated or Inactivated)	413,853	31.6%
Measles, Mumps, Rubella	30,840	2.4%
Meningococcal (A, C, W, Y)	1,540	0.1%

Table 3f. Aggregated Baseline Characteristics of Infants Without Paired Mothers in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is >= 730 Days

	Number	Percent
Pneumococcal (PCV13 only)	738,333	56.5%
Rotavirus	609,318	46.6%
Varicella	24,812	1.9%
Evidence of Comorbidities		
Allergies, hypersensitivities, and allergic reactions	135,785	10.4%
Anemia	25,297	1.9%
Asthma	33,824	2.6%
Cancer of the central nervous system	22	0.0%
Cancer of the lymphoid, hematopoietic tissues	404	0.0%
Cancer, other	776	0.1%
Diabetes mellitus	684	0.1%
Epilepsy	3,307	0.3%
Gastroesophageal reflux disease	106,656	8.2%
Hypertension	1,768	0.1%
Influenza	27,660	2.1%
Intellectual disabilities and related conditions	4,080	0.3%
Irritable bowel syndrome	273	0.0%
Measles	36	0.0%
Meningitis	1,260	0.1%
Mumps	12	0.0%
Otitis media	384,606	29.4%
Pertussis	846	0.1%
Pneumonia	29,849	2.3%
Rubella	242	0.0%
Sickle cell disease	536	0.0%
Sinusitis	52,409	4.0%
Clinical Characteristics Identified by Searching Infant Record Only [0, 365 Days]		
Evidence of Major Congenital Malformations		
Central Nervous System		
Encephalocele, cranial meningocele, encephalomyelocele	125	0.0%
Holoprosencephaly	682	0.1%
Microcephalus	1,693	0.1%
Spina bifida	618	0.0%
Eye, Ear, Nose, Throat (EENT)		
Anophthalmia, microphthalmia	205	0.0%
Anotia, microtia	268	0.0%
Cataracts and other lens defects	484	0.0%
Cardiac		
Other cardiac defects: septal defects, heterotaxy, papvr	503	0.0%
Pulmonary venous return, anomalous coronary artery	193	0.0%
Severe cardiac defects	10,414	0.8%
Orofacial/Respiratory		
Choanal atresia/stenosis	224	0.0%
Cleft palate/lip	1,599	0.1%

Table 3f. Aggregated Baseline Characteristics of Infants Without Paired Mothers in the Mother-Infant Linkage (MIL) Table in the Sentinel Distributed Database (SDD) between January 1, 2000 and March 31, 2021, for Infants Whose First Continuous Enrollment Episode is >= 730 Days

Gastrointestinal	Number	Percent
Biliary atresia	190	0.0%
Esophageal atresia + tracheoesophageal fistula	324	0.0%
Exstrophy, bladder	49	0.0%
Intestinal atresia/stenosis	1,047	0.1%
Pyloric stenosis	1,918	0.1%
Genitourinary/Renal		
Congenital hydronephrosis	4,800	0.4%
Hypospadias — second or third degree	5,444	0.4%
Posterior urethral valve/and/or prune belly	29	0.0%
Renal agenesis/hypoplasia	625	0.0%
Renal dysplasia	579	0.0%
Musculoskeletal Malformations		
Diaphragmatic hernia	342	0.0%
Gastroschisis or omphalocele	858	0.1%
Limb deficiency	306	0.0%
Sacral agenesis	270	0.0%

¹Value represents standard deviation where no % follows the value.

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

³Only immunizations recommended by the CDC in the evaluation window are shown. Centers for Disease Control and Prevention. “Recommended Child and Adolescent Immunization Schedule for Ages 18 Years or Younger.” United States: U.S. Department of Health and Human Services, 2020.

Appendix A. Start and End Dates for Each Data Partner (DP) as of Request Distribution Date (January 14, 2022)

DP ID	Start Date¹	End Date¹
DP01	1/1/2008	12/31/2020
DP02	1/1/2006	3/31/2021
DP03	1/1/2008	12/31/2020
DP04	1/1/2000	12/31/2019

¹The start and end dates are based on the minimum and maximum dates within each DP. The month with the maximum date must have at least 80% of the number of records in the previous month.

Appendix B. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Codes Used to Define Pregnancy Episodes in this Request

Code	Description	Code Type	Code Category
0W8NXZZ	Division of Female Perineum, External Approach	ICD-10-PCS	Procedure
10900ZC	Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Open Approach	ICD-10-PCS	Procedure
10903ZC	Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Percutaneous Approach	ICD-10-PCS	Procedure
10904ZC	Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
10907ZC	Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10908ZC	Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
10D00Z0	Extraction of Products of Conception, Classical, Open Approach	ICD-10-PCS	Procedure
10D00Z1	Extraction of Products of Conception, Low Cervical, Open Approach	ICD-10-PCS	Procedure
10D00Z2	Extraction of Products of Conception, Extraperitoneal, Open Approach	ICD-10-PCS	Procedure
10D07Z3	Extraction of Products of Conception, Low Forceps, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10D07Z4	Extraction of Products of Conception, Mid Forceps, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10D07Z5	Extraction of Products of Conception, High Forceps, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10D07Z6	Extraction of Products of Conception, Vacuum, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10D07Z7	Extraction of Products of Conception, Internal Version, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10D07Z8	Extraction of Products of Conception, Other, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10E0XZZ	Delivery of Products of Conception, External Approach	ICD-10-PCS	Procedure
10S07ZZ	Reposition Products of Conception, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
O1002	Pre-existing essential hypertension complicating childbirth	ICD-10-CM	Diagnosis
O1012	Pre-existing hypertensive heart disease complicating childbirth	ICD-10-CM	Diagnosis
O1022	Pre-existing hypertensive chronic kidney disease complicating childbirth	ICD-10-CM	Diagnosis
O1032	Pre-existing hypertensive heart and chronic kidney disease complicating childbirth	ICD-10-CM	Diagnosis
O1042	Pre-existing secondary hypertension complicating childbirth	ICD-10-CM	Diagnosis
O1092	Unspecified pre-existing hypertension complicating childbirth	ICD-10-CM	Diagnosis
O114	Pre-existing hypertension with pre-eclampsia, complicating childbirth	ICD-10-CM	Diagnosis
O1204	Gestational edema, complicating childbirth	ICD-10-CM	Diagnosis
O1214	Gestational proteinuria, complicating childbirth	ICD-10-CM	Diagnosis
O1224	Gestational edema with proteinuria, complicating childbirth	ICD-10-CM	Diagnosis
O134	Gestational [pregnancy-induced] hypertension without significant proteinuria, complicating childbirth	ICD-10-CM	Diagnosis
O1404	Mild to moderate pre-eclampsia, complicating childbirth	ICD-10-CM	Diagnosis
O1414	Severe pre-eclampsia complicating childbirth	ICD-10-CM	Diagnosis
O1424	HELLP syndrome, complicating childbirth	ICD-10-CM	Diagnosis
O1494	Unspecified pre-eclampsia, complicating childbirth	ICD-10-CM	Diagnosis
O164	Unspecified maternal hypertension, complicating childbirth	ICD-10-CM	Diagnosis
O2402	Pre-existing type 1 diabetes mellitus, in childbirth	ICD-10-CM	Diagnosis
O2412	Pre-existing type 2 diabetes mellitus, in childbirth	ICD-10-CM	Diagnosis
O2432	Unspecified pre-existing diabetes mellitus in childbirth	ICD-10-CM	Diagnosis
O24420	Gestational diabetes mellitus in childbirth, diet controlled	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O24424	Gestational diabetes mellitus in childbirth, insulin controlled	ICD-10-CM	Diagnosis
O24425	Gestational diabetes mellitus in childbirth, controlled by oral hypoglycemic drugs	ICD-10-CM	Diagnosis
O24429	Gestational diabetes mellitus in childbirth, unspecified control	ICD-10-CM	Diagnosis
O2482	Other pre-existing diabetes mellitus in childbirth	ICD-10-CM	Diagnosis
O2492	Unspecified diabetes mellitus in childbirth	ICD-10-CM	Diagnosis
O252	Malnutrition in childbirth	ICD-10-CM	Diagnosis
O2662	Liver and biliary tract disorders in childbirth	ICD-10-CM	Diagnosis
O2672	Subluxation of symphysis (pubis) in childbirth	ICD-10-CM	Diagnosis
O6012X0	Preterm labor second trimester with preterm delivery second trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O6012X1	Preterm labor second trimester with preterm delivery second trimester, fetus 1	ICD-10-CM	Diagnosis
O6012X2	Preterm labor second trimester with preterm delivery second trimester, fetus 2	ICD-10-CM	Diagnosis
O6012X3	Preterm labor second trimester with preterm delivery second trimester, fetus 3	ICD-10-CM	Diagnosis
O6012X4	Preterm labor second trimester with preterm delivery second trimester, fetus 4	ICD-10-CM	Diagnosis
O6012X5	Preterm labor second trimester with preterm delivery second trimester, fetus 5	ICD-10-CM	Diagnosis
O6012X9	Preterm labor second trimester with preterm delivery second trimester, other fetus	ICD-10-CM	Diagnosis
O6013X0	Preterm labor second trimester with preterm delivery third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O6013X1	Preterm labor second trimester with preterm delivery third trimester, fetus 1	ICD-10-CM	Diagnosis
O6013X2	Preterm labor second trimester with preterm delivery third trimester, fetus 2	ICD-10-CM	Diagnosis
O6013X3	Preterm labor second trimester with preterm delivery third trimester, fetus 3	ICD-10-CM	Diagnosis
O6013X4	Preterm labor second trimester with preterm delivery third trimester, fetus 4	ICD-10-CM	Diagnosis
O6013X5	Preterm labor second trimester with preterm delivery third trimester, fetus 5	ICD-10-CM	Diagnosis
O6013X9	Preterm labor second trimester with preterm delivery third trimester, other fetus	ICD-10-CM	Diagnosis
O6014X0	Preterm labor third trimester with preterm delivery third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O6014X1	Preterm labor third trimester with preterm delivery third trimester, fetus 1	ICD-10-CM	Diagnosis
O6014X2	Preterm labor third trimester with preterm delivery third trimester, fetus 2	ICD-10-CM	Diagnosis
O6014X3	Preterm labor third trimester with preterm delivery third trimester, fetus 3	ICD-10-CM	Diagnosis
O6014X4	Preterm labor third trimester with preterm delivery third trimester, fetus 4	ICD-10-CM	Diagnosis
O6014X5	Preterm labor third trimester with preterm delivery third trimester, fetus 5	ICD-10-CM	Diagnosis
O6014X9	Preterm labor third trimester with preterm delivery third trimester, other fetus	ICD-10-CM	Diagnosis
O6022X0	Term delivery with preterm labor, second trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O6022X1	Term delivery with preterm labor, second trimester, fetus 1	ICD-10-CM	Diagnosis
O6022X2	Term delivery with preterm labor, second trimester, fetus 2	ICD-10-CM	Diagnosis
O6022X3	Term delivery with preterm labor, second trimester, fetus 3	ICD-10-CM	Diagnosis
O6022X4	Term delivery with preterm labor, second trimester, fetus 4	ICD-10-CM	Diagnosis
O6022X5	Term delivery with preterm labor, second trimester, fetus 5	ICD-10-CM	Diagnosis
O6022X9	Term delivery with preterm labor, second trimester, other fetus	ICD-10-CM	Diagnosis
O6023X0	Term delivery with preterm labor, third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O6023X1	Term delivery with preterm labor, third trimester, fetus 1	ICD-10-CM	Diagnosis
O6023X2	Term delivery with preterm labor, third trimester, fetus 2	ICD-10-CM	Diagnosis

Appendix B. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Codes Used to Define Pregnancy Episodes in this Request

Code	Description	Code Type	Code Category
O6023X3	Term delivery with preterm labor, third trimester, fetus 3	ICD-10-CM	Diagnosis
O6023X4	Term delivery with preterm labor, third trimester, fetus 4	ICD-10-CM	Diagnosis
O6023X5	Term delivery with preterm labor, third trimester, fetus 5	ICD-10-CM	Diagnosis
O6023X9	Term delivery with preterm labor, third trimester, other fetus	ICD-10-CM	Diagnosis
O632	Delayed delivery of second twin, triplet, etc	ICD-10-CM	Diagnosis
O670	Intrapartum hemorrhage with coagulation defect	ICD-10-CM	Diagnosis
O678	Other intrapartum hemorrhage	ICD-10-CM	Diagnosis
O679	Intrapartum hemorrhage, unspecified	ICD-10-CM	Diagnosis
O68	Labor and delivery complicated by abnormality of fetal acid-base balance	ICD-10-CM	Diagnosis
O690XX0	Labor and delivery complicated by prolapse of cord, not applicable or unspecified	ICD-10-CM	Diagnosis
O690XX1	Labor and delivery complicated by prolapse of cord, fetus 1	ICD-10-CM	Diagnosis
O690XX2	Labor and delivery complicated by prolapse of cord, fetus 2	ICD-10-CM	Diagnosis
O690XX3	Labor and delivery complicated by prolapse of cord, fetus 3	ICD-10-CM	Diagnosis
O690XX4	Labor and delivery complicated by prolapse of cord, fetus 4	ICD-10-CM	Diagnosis
O690XX5	Labor and delivery complicated by prolapse of cord, fetus 5	ICD-10-CM	Diagnosis
O690XX9	Labor and delivery complicated by prolapse of cord, other fetus	ICD-10-CM	Diagnosis
O691XX0	Labor and delivery complicated by cord around neck, with compression, not applicable or unspecified	ICD-10-CM	Diagnosis
O691XX1	Labor and delivery complicated by cord around neck, with compression, fetus 1	ICD-10-CM	Diagnosis
O691XX2	Labor and delivery complicated by cord around neck, with compression, fetus 2	ICD-10-CM	Diagnosis
O691XX3	Labor and delivery complicated by cord around neck, with compression, fetus 3	ICD-10-CM	Diagnosis
O691XX4	Labor and delivery complicated by cord around neck, with compression, fetus 4	ICD-10-CM	Diagnosis
O691XX5	Labor and delivery complicated by cord around neck, with compression, fetus 5	ICD-10-CM	Diagnosis
O691XX9	Labor and delivery complicated by cord around neck, with compression, other fetus	ICD-10-CM	Diagnosis
O692XX0	Labor and delivery complicated by other cord entanglement, with compression, not applicable or unspecified	ICD-10-CM	Diagnosis
O692XX1	Labor and delivery complicated by other cord entanglement, with compression, fetus 1	ICD-10-CM	Diagnosis
O692XX2	Labor and delivery complicated by other cord entanglement, with compression, fetus 2	ICD-10-CM	Diagnosis
O692XX3	Labor and delivery complicated by other cord entanglement, with compression, fetus 3	ICD-10-CM	Diagnosis
O692XX4	Labor and delivery complicated by other cord entanglement, with compression, fetus 4	ICD-10-CM	Diagnosis
O692XX5	Labor and delivery complicated by other cord entanglement, with compression, fetus 5	ICD-10-CM	Diagnosis
O692XX9	Labor and delivery complicated by other cord entanglement, with compression, other fetus	ICD-10-CM	Diagnosis
O693XX0	Labor and delivery complicated by short cord, not applicable or unspecified	ICD-10-CM	Diagnosis
O693XX1	Labor and delivery complicated by short cord, fetus 1	ICD-10-CM	Diagnosis
O693XX2	Labor and delivery complicated by short cord, fetus 2	ICD-10-CM	Diagnosis
O693XX3	Labor and delivery complicated by short cord, fetus 3	ICD-10-CM	Diagnosis
O693XX4	Labor and delivery complicated by short cord, fetus 4	ICD-10-CM	Diagnosis
O693XX5	Labor and delivery complicated by short cord, fetus 5	ICD-10-CM	Diagnosis
O693XX9	Labor and delivery complicated by short cord, other fetus	ICD-10-CM	Diagnosis
O694XX0	Labor and delivery complicated by vasa previa, not applicable or unspecified	ICD-10-CM	Diagnosis
O694XX1	Labor and delivery complicated by vasa previa, fetus 1	ICD-10-CM	Diagnosis

Appendix B. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Codes Used to Define Pregnancy Episodes in this Request

Code	Description	Code Type	Code Category
O694XX2	Labor and delivery complicated by vasa previa, fetus 2	ICD-10-CM	Diagnosis
O694XX3	Labor and delivery complicated by vasa previa, fetus 3	ICD-10-CM	Diagnosis
O694XX4	Labor and delivery complicated by vasa previa, fetus 4	ICD-10-CM	Diagnosis
O694XX5	Labor and delivery complicated by vasa previa, fetus 5	ICD-10-CM	Diagnosis
O694XX9	Labor and delivery complicated by vasa previa, other fetus	ICD-10-CM	Diagnosis
O695XX0	Labor and delivery complicated by vascular lesion of cord, not applicable or unspecified	ICD-10-CM	Diagnosis
O695XX1	Labor and delivery complicated by vascular lesion of cord, fetus 1	ICD-10-CM	Diagnosis
O695XX2	Labor and delivery complicated by vascular lesion of cord, fetus 2	ICD-10-CM	Diagnosis
O695XX3	Labor and delivery complicated by vascular lesion of cord, fetus 3	ICD-10-CM	Diagnosis
O695XX4	Labor and delivery complicated by vascular lesion of cord, fetus 4	ICD-10-CM	Diagnosis
O695XX5	Labor and delivery complicated by vascular lesion of cord, fetus 5	ICD-10-CM	Diagnosis
O695XX9	Labor and delivery complicated by vascular lesion of cord, other fetus	ICD-10-CM	Diagnosis
O6981X0	Labor and delivery complicated by cord around neck, without compression, not applicable or unspecified	ICD-10-CM	Diagnosis
O6981X1	Labor and delivery complicated by cord around neck, without compression, fetus 1	ICD-10-CM	Diagnosis
O6981X2	Labor and delivery complicated by cord around neck, without compression, fetus 2	ICD-10-CM	Diagnosis
O6981X3	Labor and delivery complicated by cord around neck, without compression, fetus 3	ICD-10-CM	Diagnosis
O6981X4	Labor and delivery complicated by cord around neck, without compression, fetus 4	ICD-10-CM	Diagnosis
O6981X5	Labor and delivery complicated by cord around neck, without compression, fetus 5	ICD-10-CM	Diagnosis
O6981X9	Labor and delivery complicated by cord around neck, without compression, other fetus	ICD-10-CM	Diagnosis
O6982X0	Labor and delivery complicated by other cord entanglement, without compression, not applicable or unspecified	ICD-10-CM	Diagnosis
O6982X1	Labor and delivery complicated by other cord entanglement, without compression, fetus 1	ICD-10-CM	Diagnosis
O6982X2	Labor and delivery complicated by other cord entanglement, without compression, fetus 2	ICD-10-CM	Diagnosis
O6982X3	Labor and delivery complicated by other cord entanglement, without compression, fetus 3	ICD-10-CM	Diagnosis
O6982X4	Labor and delivery complicated by other cord entanglement, without compression, fetus 4	ICD-10-CM	Diagnosis
O6982X5	Labor and delivery complicated by other cord entanglement, without compression, fetus 5	ICD-10-CM	Diagnosis
O6982X9	Labor and delivery complicated by other cord entanglement, without compression, other fetus	ICD-10-CM	Diagnosis
O6989X0	Labor and delivery complicated by other cord complications, not applicable or unspecified	ICD-10-CM	Diagnosis
O6989X1	Labor and delivery complicated by other cord complications, fetus 1	ICD-10-CM	Diagnosis
O6989X2	Labor and delivery complicated by other cord complications, fetus 2	ICD-10-CM	Diagnosis
O6989X3	Labor and delivery complicated by other cord complications, fetus 3	ICD-10-CM	Diagnosis
O6989X4	Labor and delivery complicated by other cord complications, fetus 4	ICD-10-CM	Diagnosis
O6989X5	Labor and delivery complicated by other cord complications, fetus 5	ICD-10-CM	Diagnosis
O6989X9	Labor and delivery complicated by other cord complications, other fetus	ICD-10-CM	Diagnosis

Appendix B. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Codes Used to Define Pregnancy Episodes in this Request

Code	Description	Code Type	Code Category
O699XX0	Labor and delivery complicated by cord complication, unspecified, not applicable or unspecified	ICD-10-CM	Diagnosis
O699XX1	Labor and delivery complicated by cord complication, unspecified, fetus 1	ICD-10-CM	Diagnosis
O699XX2	Labor and delivery complicated by cord complication, unspecified, fetus 2	ICD-10-CM	Diagnosis
O699XX3	Labor and delivery complicated by cord complication, unspecified, fetus 3	ICD-10-CM	Diagnosis
O699XX4	Labor and delivery complicated by cord complication, unspecified, fetus 4	ICD-10-CM	Diagnosis
O699XX5	Labor and delivery complicated by cord complication, unspecified, fetus 5	ICD-10-CM	Diagnosis
O699XX9	Labor and delivery complicated by cord complication, unspecified, other fetus	ICD-10-CM	Diagnosis
O700	First degree perineal laceration during delivery	ICD-10-CM	Diagnosis
O701	Second degree perineal laceration during delivery	ICD-10-CM	Diagnosis
O7020	Third degree perineal laceration during delivery, unspecified	ICD-10-CM	Diagnosis
O7021	Third degree perineal laceration during delivery, IIIa	ICD-10-CM	Diagnosis
O7022	Third degree perineal laceration during delivery, IIIb	ICD-10-CM	Diagnosis
O7023	Third degree perineal laceration during delivery, IIIc	ICD-10-CM	Diagnosis
O703	Fourth degree perineal laceration during delivery	ICD-10-CM	Diagnosis
O704	Anal sphincter tear complicating delivery, not associated with third degree laceration	ICD-10-CM	Diagnosis
O709	Perineal laceration during delivery, unspecified	ICD-10-CM	Diagnosis
O740	Aspiration pneumonitis due to anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O741	Other pulmonary complications of anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O742	Cardiac complications of anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O743	Central nervous system complications of anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O744	Toxic reaction to local anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O745	Spinal and epidural anesthesia-induced headache during labor and delivery	ICD-10-CM	Diagnosis
O746	Other complications of spinal and epidural anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O747	Failed or difficult intubation for anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O748	Other complications of anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O749	Complication of anesthesia during labor and delivery, unspecified	ICD-10-CM	Diagnosis
O750	Maternal distress during labor and delivery	ICD-10-CM	Diagnosis
O751	Shock during or following labor and delivery	ICD-10-CM	Diagnosis
O755	Delayed delivery after artificial rupture of membranes	ICD-10-CM	Diagnosis
O7581	Maternal exhaustion complicating labor and delivery	ICD-10-CM	Diagnosis
O7582	Onset (spontaneous) of labor after 37 completed weeks of gestation but before 39 completed weeks gestation, with delivery by (planned) cesarean section	ICD-10-CM	Diagnosis
O7589	Other specified complications of labor and delivery	ICD-10-CM	Diagnosis
O759	Complication of labor and delivery, unspecified	ICD-10-CM	Diagnosis
O76	Abnormality in fetal heart rate and rhythm complicating labor and delivery	ICD-10-CM	Diagnosis
O770	Labor and delivery complicated by meconium in amniotic fluid	ICD-10-CM	Diagnosis
O778	Labor and delivery complicated by other evidence of fetal stress	ICD-10-CM	Diagnosis
O779	Labor and delivery complicated by fetal stress, unspecified	ICD-10-CM	Diagnosis
O80	Encounter for full-term uncomplicated delivery	ICD-10-CM	Diagnosis
O82	Encounter for cesarean delivery without indication	ICD-10-CM	Diagnosis
O8802	Air embolism in childbirth	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O8812	Amniotic fluid embolism in childbirth	ICD-10-CM	Diagnosis
O8822	Thromboembolism in childbirth	ICD-10-CM	Diagnosis
O8832	Pyemic and septic embolism in childbirth	ICD-10-CM	Diagnosis
O8882	Other embolism in childbirth	ICD-10-CM	Diagnosis
O9802	Tuberculosis complicating childbirth	ICD-10-CM	Diagnosis
O9812	Syphilis complicating childbirth	ICD-10-CM	Diagnosis
O9822	Gonorrhea complicating childbirth	ICD-10-CM	Diagnosis
O9832	Other infections with a predominantly sexual mode of transmission complicating childbirth	ICD-10-CM	Diagnosis
O9842	Viral hepatitis complicating childbirth	ICD-10-CM	Diagnosis
O9852	Other viral diseases complicating childbirth	ICD-10-CM	Diagnosis
O9862	Protozoal diseases complicating childbirth	ICD-10-CM	Diagnosis
O9872	Human immunodeficiency virus [HIV] disease complicating childbirth	ICD-10-CM	Diagnosis
O9882	Other maternal infectious and parasitic diseases complicating childbirth	ICD-10-CM	Diagnosis
O9892	Unspecified maternal infectious and parasitic disease complicating childbirth	ICD-10-CM	Diagnosis
O9902	Anemia complicating childbirth	ICD-10-CM	Diagnosis
O9912	Other diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism complicating childbirth	ICD-10-CM	Diagnosis
O99214	Obesity complicating childbirth	ICD-10-CM	Diagnosis
O99284	Endocrine, nutritional and metabolic diseases complicating childbirth	ICD-10-CM	Diagnosis
O99314	Alcohol use complicating childbirth	ICD-10-CM	Diagnosis
O99324	Drug use complicating childbirth	ICD-10-CM	Diagnosis
O99334	Smoking (tobacco) complicating childbirth	ICD-10-CM	Diagnosis
O99344	Other mental disorders complicating childbirth	ICD-10-CM	Diagnosis
O99354	Diseases of the nervous system complicating childbirth	ICD-10-CM	Diagnosis
O9942	Diseases of the circulatory system complicating childbirth	ICD-10-CM	Diagnosis
O9952	Diseases of the respiratory system complicating childbirth	ICD-10-CM	Diagnosis
O9962	Diseases of the digestive system complicating childbirth	ICD-10-CM	Diagnosis
O9972	Diseases of the skin and subcutaneous tissue complicating childbirth	ICD-10-CM	Diagnosis
O99814	Abnormal glucose complicating childbirth	ICD-10-CM	Diagnosis
O99824	Streptococcus B carrier state complicating childbirth	ICD-10-CM	Diagnosis
O99834	Other infection carrier state complicating childbirth	ICD-10-CM	Diagnosis
O99844	Bariatric surgery status complicating childbirth	ICD-10-CM	Diagnosis
O9A12	Malignant neoplasm complicating childbirth	ICD-10-CM	Diagnosis
O9A22	Injury, poisoning and certain other consequences of external causes complicating childbirth	ICD-10-CM	Diagnosis
O9A32	Physical abuse complicating childbirth	ICD-10-CM	Diagnosis
O9A42	Sexual abuse complicating childbirth	ICD-10-CM	Diagnosis
O9A52	Psychological abuse complicating childbirth	ICD-10-CM	Diagnosis
P030	Newborn affected by breech delivery and extraction	ICD-10-CM	Diagnosis
P032	Newborn affected by forceps delivery	ICD-10-CM	Diagnosis
P033	Newborn affected by delivery by vacuum extractor [ventouse]	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
P034	Newborn affected by Cesarean delivery	ICD-10-CM	Diagnosis
P035	Newborn affected by precipitate delivery	ICD-10-CM	Diagnosis
P0700	Extremely Low birth weight newborn, unspecified weight	ICD-10-CM	Diagnosis
P0701	Extremely Low birth weight newborn, less than 500 grams	ICD-10-CM	Diagnosis
P0702	Extremely Low birth weight newborn, 500-749 grams	ICD-10-CM	Diagnosis
P0703	Extremely Low birth weight newborn, 750-999 grams	ICD-10-CM	Diagnosis
P0710	Other Low birth weight newborn, unspecified weight	ICD-10-CM	Diagnosis
P0714	Other Low birth weight newborn, 1000-1249 grams	ICD-10-CM	Diagnosis
P0715	Other Low birth weight newborn, 1250-1499 grams	ICD-10-CM	Diagnosis
P0716	Other Low birth weight newborn, 1500-1749 grams	ICD-10-CM	Diagnosis
P0717	Other Low birth weight newborn, 1750-1999 grams	ICD-10-CM	Diagnosis
P0718	Other Low birth weight newborn, 2000-2499 grams	ICD-10-CM	Diagnosis
P0720	Extreme immaturity of newborn, unspecified weeks of gestation	ICD-10-CM	Diagnosis
P0721	Extreme immaturity of newborn, gestational age less than 23 completed weeks	ICD-10-CM	Diagnosis
P0722	Extreme immaturity of newborn, gestational age 23 completed weeks	ICD-10-CM	Diagnosis
P0723	Extreme immaturity of newborn, gestational age 24 completed weeks	ICD-10-CM	Diagnosis
P0724	Extreme immaturity of newborn, gestational age 25 completed weeks	ICD-10-CM	Diagnosis
P0725	Extreme immaturity of newborn, gestational age 26 completed weeks	ICD-10-CM	Diagnosis
P0726	Extreme immaturity of newborn, gestational age 27 completed weeks	ICD-10-CM	Diagnosis
P0730	Preterm newborn, unspecified weeks of gestation	ICD-10-CM	Diagnosis
P0731	Preterm newborn, gestational age 28 completed weeks	ICD-10-CM	Diagnosis
P0732	Preterm newborn, gestational age 29 completed weeks	ICD-10-CM	Diagnosis
P0733	Preterm newborn, gestational age 30 completed weeks	ICD-10-CM	Diagnosis
P0734	Preterm newborn, gestational age 31 completed weeks	ICD-10-CM	Diagnosis
P0735	Preterm newborn, gestational age 32 completed weeks	ICD-10-CM	Diagnosis
P0736	Preterm newborn, gestational age 33 completed weeks	ICD-10-CM	Diagnosis
P0737	Preterm newborn, gestational age 34 completed weeks	ICD-10-CM	Diagnosis
P0738	Preterm newborn, gestational age 35 completed weeks	ICD-10-CM	Diagnosis
P0739	Preterm newborn, gestational age 36 completed weeks	ICD-10-CM	Diagnosis
P0821	Post-term newborn	ICD-10-CM	Diagnosis
P0822	Prolonged gestation of newborn	ICD-10-CM	Diagnosis
Z370	Single live birth	ICD-10-CM	Diagnosis
Z372	Twins, both liveborn	ICD-10-CM	Diagnosis
Z373	Twins, one liveborn and one stillborn	ICD-10-CM	Diagnosis
Z3750	Multiple births, unspecified, all liveborn	ICD-10-CM	Diagnosis
Z3751	Triplets, all liveborn	ICD-10-CM	Diagnosis
Z3752	Quadruplets, all liveborn	ICD-10-CM	Diagnosis
Z3753	Quintuplets, all liveborn	ICD-10-CM	Diagnosis
Z3754	Sextuplets, all liveborn	ICD-10-CM	Diagnosis
Z3759	Other multiple births, all liveborn	ICD-10-CM	Diagnosis
Z3760	Multiple births, unspecified, some liveborn	ICD-10-CM	Diagnosis
Z3761	Triplets, some liveborn	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
Z3762	Quadruplets, some liveborn	ICD-10-CM	Diagnosis
Z3763	Quintuplets, some liveborn	ICD-10-CM	Diagnosis
Z3764	Sextuplets, some liveborn	ICD-10-CM	Diagnosis
Z3769	Other multiple births, some liveborn	ICD-10-CM	Diagnosis
Z379	Outcome of delivery, unspecified	ICD-10-CM	Diagnosis
Z3800	Single liveborn infant, delivered vaginally	ICD-10-CM	Diagnosis
Z3801	Single liveborn infant, delivered by cesarean	ICD-10-CM	Diagnosis
Z381	Single liveborn infant, born outside hospital	ICD-10-CM	Diagnosis
Z382	Single liveborn infant, unspecified as to place of birth	ICD-10-CM	Diagnosis
Z3830	Twin liveborn infant, delivered vaginally	ICD-10-CM	Diagnosis
Z3831	Twin liveborn infant, delivered by cesarean	ICD-10-CM	Diagnosis
Z384	Twin liveborn infant, born outside hospital	ICD-10-CM	Diagnosis
Z385	Twin liveborn infant, unspecified as to place of birth	ICD-10-CM	Diagnosis
Z3861	Triplet liveborn infant, delivered vaginally	ICD-10-CM	Diagnosis
Z3862	Triplet liveborn infant, delivered by cesarean	ICD-10-CM	Diagnosis
Z3863	Quadruplet liveborn infant, delivered vaginally	ICD-10-CM	Diagnosis
Z3864	Quadruplet liveborn infant, delivered by cesarean	ICD-10-CM	Diagnosis
Z3865	Quintuplet liveborn infant, delivered vaginally	ICD-10-CM	Diagnosis
Z3866	Quintuplet liveborn infant, delivered by cesarean	ICD-10-CM	Diagnosis
Z3868	Other multiple liveborn infant, delivered vaginally	ICD-10-CM	Diagnosis
Z3869	Other multiple liveborn infant, delivered by cesarean	ICD-10-CM	Diagnosis
Z387	Other multiple liveborn infant, born outside hospital	ICD-10-CM	Diagnosis
Z388	Other multiple liveborn infant, unspecified as to place of birth	ICD-10-CM	Diagnosis
59400	Routine obstetric care including antepartum care, vaginal delivery (with or without episiotomy, and/or forceps) and postpartum care	CPT-4	Procedure
59409	Vaginal delivery only (with or without episiotomy and/or forceps)	CPT-4	Procedure
59410	Vaginal delivery only (with or without episiotomy and/or forceps); including postpartum care	CPT-4	Procedure
59510	Routine obstetric care including antepartum care, cesarean delivery, and postpartum care	CPT-4	Procedure
59514	Cesarean delivery only	CPT-4	Procedure
59515	Cesarean delivery only; including postpartum care	CPT-4	Procedure
59610	Routine obstetric care including antepartum care, vaginal delivery (with or without episiotomy, and/or forceps) and postpartum care, after previous cesarean delivery	CPT-4	Procedure
59612	Vaginal delivery only, after previous cesarean delivery (with or without episiotomy and/or forceps);	CPT-4	Procedure
59614	Vaginal delivery only, after previous cesarean delivery (with or without episiotomy and/or forceps); including postpartum care	CPT-4	Procedure
59618	Routine obstetric care including antepartum care, cesarean delivery, and postpartum care, following attempted vaginal delivery after previous cesarean delivery	CPT-4	Procedure
59620	Cesarean delivery only, following attempted vaginal delivery after previous cesarean delivery;	CPT-4	Procedure

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Code	Description	Code Type	Code Category
59622	Cesarean delivery only, following attempted vaginal delivery after previous cesarean delivery; including postpartum care	CPT-4	Procedure
650	Normal delivery	ICD-9-CM	Diagnosis
7630	Fetus or newborn affected by breech delivery and extraction	ICD-9-CM	Diagnosis
7632	Fetus or newborn affected by forceps delivery	ICD-9-CM	Diagnosis
7633	Fetus or newborn affected by delivery by vacuum extractor	ICD-9-CM	Diagnosis
7634	Fetus or newborn affected by cesarean delivery	ICD-9-CM	Diagnosis
7636	Fetus or newborn affected by precipitate delivery	ICD-9-CM	Diagnosis
7680	Fetal death from asphyxia or anoxia before onset of labor or at unspecified time	ICD-9-CM	Diagnosis
7681	Fetal death from asphyxia or anoxia during labor	ICD-9-CM	Diagnosis
64101	Placenta previa without hemorrhage, with delivery	ICD-9-CM	Diagnosis
64111	Hemorrhage from placenta previa, with delivery	ICD-9-CM	Diagnosis
64121	Premature separation of placenta, with delivery	ICD-9-CM	Diagnosis
64131	Antepartum hemorrhage associated with coagulation defects, with delivery	ICD-9-CM	Diagnosis
64181	Other antepartum hemorrhage, with delivery	ICD-9-CM	Diagnosis
64191	Unspecified antepartum hemorrhage, with delivery	ICD-9-CM	Diagnosis
64201	Benign essential hypertension with delivery	ICD-9-CM	Diagnosis
64202	Benign essential hypertension, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64211	Hypertension secondary to renal disease, with delivery	ICD-9-CM	Diagnosis
64212	Hypertension secondary to renal disease, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64221	Other pre-existing hypertension, with delivery	ICD-9-CM	Diagnosis
64222	Other pre-existing hypertension, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64231	Transient hypertension of pregnancy, with delivery	ICD-9-CM	Diagnosis
64232	Transient hypertension of pregnancy, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64241	Mild or unspecified pre-eclampsia, with delivery	ICD-9-CM	Diagnosis
64242	Mild or unspecified pre-eclampsia, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64251	Severe pre-eclampsia, with delivery	ICD-9-CM	Diagnosis
64252	Severe pre-eclampsia, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64261	Eclampsia, with delivery	ICD-9-CM	Diagnosis
64262	Eclampsia, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64271	Pre-eclampsia or eclampsia superimposed on pre-existing hypertension, with delivery	ICD-9-CM	Diagnosis
64272	Pre-eclampsia or eclampsia superimposed on pre-existing hypertension, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64291	Unspecified hypertension, with delivery	ICD-9-CM	Diagnosis
64292	Unspecified hypertension, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64301	Mild hyperemesis gravidarum, delivered	ICD-9-CM	Diagnosis
64311	Hyperemesis gravidarum with metabolic disturbance, delivered	ICD-9-CM	Diagnosis
64321	Late vomiting of pregnancy, delivered	ICD-9-CM	Diagnosis
64381	Other vomiting complicating pregnancy, delivered	ICD-9-CM	Diagnosis
64391	Unspecified vomiting of pregnancy, delivered	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
64421	Early onset of delivery, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
64501	Prolonged pregnancy, with delivery	ICD-9-CM	Diagnosis
64511	Post term pregnancy, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
64521	Prolonged pregnancy, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
64601	Papyraceous fetus, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
64611	Edema or excessive weight gain in pregnancy, with delivery, with or without mention of antepartum complication	ICD-9-CM	Diagnosis
64612	Edema or excessive weight gain in pregnancy, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64621	Unspecified renal disease in pregnancy, with delivery	ICD-9-CM	Diagnosis
64622	Unspecified renal disease in pregnancy, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64631	Pregnancy complication, recurrent pregnancy loss, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
64641	Peripheral neuritis in pregnancy, with delivery	ICD-9-CM	Diagnosis
64642	Peripheral neuritis in pregnancy, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64651	Asymptomatic bacteriuria in pregnancy, with delivery	ICD-9-CM	Diagnosis
64652	Asymptomatic bacteriuria in pregnancy, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64661	Infections of genitourinary tract in pregnancy, with delivery	ICD-9-CM	Diagnosis
64662	Infections of genitourinary tract in pregnancy, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64671	Liver and biliary tract disorders in pregnancy, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
64681	Other specified complication of pregnancy, with delivery	ICD-9-CM	Diagnosis
64682	Other specified complications of pregnancy, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64691	Unspecified complication of pregnancy, with delivery	ICD-9-CM	Diagnosis
64701	Maternal syphilis, complicating pregnancy, with delivery	ICD-9-CM	Diagnosis
64702	Maternal syphilis, complicating pregnancy, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64711	Maternal gonorrhea with delivery	ICD-9-CM	Diagnosis
64712	Maternal gonorrhea, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64721	Other maternal venereal diseases with delivery	ICD-9-CM	Diagnosis
64722	Other maternal venereal diseases with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64731	Maternal tuberculosis with delivery	ICD-9-CM	Diagnosis
64732	Maternal tuberculosis with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64741	Maternal malaria with delivery	ICD-9-CM	Diagnosis
64742	Maternal malaria with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64751	Maternal rubella with delivery	ICD-9-CM	Diagnosis
64752	Maternal rubella with delivery, with current postpartum complication	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
64761	Other maternal viral disease with delivery	ICD-9-CM	Diagnosis
64762	Other maternal viral disease with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64781	Other specified maternal infectious and parasitic disease with delivery	ICD-9-CM	Diagnosis
64782	Other specified maternal infectious and parasitic disease with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64791	Unspecified maternal infection or infestation with delivery	ICD-9-CM	Diagnosis
64792	Unspecified maternal infection or infestation with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64801	Maternal diabetes mellitus with delivery	ICD-9-CM	Diagnosis
64802	Maternal diabetes mellitus with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64811	Maternal thyroid dysfunction with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
64812	Maternal thyroid dysfunction with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64821	Maternal anemia, with delivery	ICD-9-CM	Diagnosis
64822	Maternal anemia with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64831	Maternal drug dependence, with delivery	ICD-9-CM	Diagnosis
64832	Maternal drug dependence, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64841	Maternal mental disorders, with delivery	ICD-9-CM	Diagnosis
64842	Maternal mental disorders, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64851	Maternal congenital cardiovascular disorders, with delivery	ICD-9-CM	Diagnosis
64852	Maternal congenital cardiovascular disorders, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64861	Other maternal cardiovascular diseases, with delivery	ICD-9-CM	Diagnosis
64862	Other maternal cardiovascular diseases, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64871	Bone and joint disorders of maternal back, pelvis, and lower limbs, with delivery	ICD-9-CM	Diagnosis
64872	Bone and joint disorders of maternal back, pelvis, and lower limbs, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64881	Abnormal maternal glucose tolerance, with delivery	ICD-9-CM	Diagnosis
64882	Abnormal maternal glucose tolerance, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64891	Other current maternal conditions classifiable elsewhere, with delivery	ICD-9-CM	Diagnosis
64892	Other current maternal conditions classifiable elsewhere, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
64901	Tobacco use disorder complicating pregnancy, childbirth, or the puerperium, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
64902	Tobacco use disorder complicating pregnancy, childbirth, or the puerperium, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
64911	Obesity complicating pregnancy, childbirth, or the puerperium, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
64912	Obesity complicating pregnancy, childbirth, or the puerperium, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
64921	Bariatric surgery status complicating pregnancy, childbirth, or the puerperium, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
64922	Bariatric surgery status complicating pregnancy, childbirth, or the puerperium, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
64931	Coagulation defects complicating pregnancy, childbirth, or the puerperium, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
64932	Coagulation defects complicating pregnancy, childbirth, or the puerperium, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
64941	Epilepsy complicating pregnancy, childbirth, or the puerperium, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
64942	Epilepsy complicating pregnancy, childbirth, or the puerperium, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
64951	Spotting complicating pregnancy, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
64961	Uterine size date discrepancy, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
64962	Uterine size date discrepancy, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
64971	Cervical shortening, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
64981	Onset (spontaneous) of labor after 37 completed weeks of gestation but before 39 completed weeks gestation, with delivery by (planned) cesarean section, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
64982	Onset (spontaneous) of labor after 37 completed weeks of gestation but before 39 completed weeks gestation, with delivery by (planned) cesarean section, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
65101	Twin pregnancy, delivered	ICD-9-CM	Diagnosis
65111	Triplet pregnancy, delivered	ICD-9-CM	Diagnosis
65121	Quadruplet pregnancy, delivered	ICD-9-CM	Diagnosis
65131	Twin pregnancy with fetal loss and retention of one fetus, delivered	ICD-9-CM	Diagnosis
65141	Triplet pregnancy with fetal loss and retention of one or more, delivered	ICD-9-CM	Diagnosis
65151	Quadruplet pregnancy with fetal loss and retention of one or more, delivered	ICD-9-CM	Diagnosis
65161	Other multiple pregnancy with fetal loss and retention of one or more fetus(es), delivered	ICD-9-CM	Diagnosis
65171	Multiple gestation following (elective) fetal reduction, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
65181	Other specified multiple gestation, delivered	ICD-9-CM	Diagnosis
65191	Unspecified multiple gestation, delivered	ICD-9-CM	Diagnosis
65201	Unstable lie of fetus, delivered	ICD-9-CM	Diagnosis
65211	Breech or other malpresentation successfully converted to cephalic presentation, delivered	ICD-9-CM	Diagnosis
65221	Breech presentation without mention of version, delivered	ICD-9-CM	Diagnosis
65231	Transverse or oblique fetal presentation, delivered	ICD-9-CM	Diagnosis
65241	Fetal face or brow presentation, delivered	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
65251	High fetal head at term, delivered	ICD-9-CM	Diagnosis
65261	Multiple gestation with malpresentation of one fetus or more, delivered	ICD-9-CM	Diagnosis
65271	Prolapsed arm of fetus, delivered	ICD-9-CM	Diagnosis
65281	Other specified malposition or malpresentation of fetus, delivered	ICD-9-CM	Diagnosis
65291	Unspecified malposition or malpresentation of fetus, delivered	ICD-9-CM	Diagnosis
65301	Major abnormality of bony pelvis, not further specified, delivered	ICD-9-CM	Diagnosis
65311	Generally contracted pelvis in pregnancy, delivered	ICD-9-CM	Diagnosis
65321	Inlet contraction of pelvis in pregnancy, delivered	ICD-9-CM	Diagnosis
65331	Outlet contraction of pelvis in pregnancy, delivered	ICD-9-CM	Diagnosis
65341	Fetopelvic disproportion, delivered	ICD-9-CM	Diagnosis
65351	Unusually large fetus causing disproportion, delivered	ICD-9-CM	Diagnosis
65361	Hydrocephalic fetus causing disproportion, delivered	ICD-9-CM	Diagnosis
65371	Other fetal abnormality causing disproportion, delivered	ICD-9-CM	Diagnosis
65381	Fetal disproportion of other origin, delivered	ICD-9-CM	Diagnosis
65391	Unspecified fetal disproportion, delivered	ICD-9-CM	Diagnosis
65401	Congenital abnormalities of pregnant uterus, delivered	ICD-9-CM	Diagnosis
65402	Congenital abnormalities of pregnant uterus, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
65411	Tumors of body of uterus, delivered	ICD-9-CM	Diagnosis
65412	Tumors of body of uterus, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
65421	Previous cesarean delivery, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
65431	Retroverted and incarcerated gravid uterus, delivered	ICD-9-CM	Diagnosis
65432	Retroverted and incarcerated gravid uterus, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
65441	Other abnormalities in shape or position of gravid uterus and of neighboring structures, delivered	ICD-9-CM	Diagnosis
65442	Other abnormalities in shape or position of gravid uterus and of neighboring structures, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
65451	Cervical incompetence, delivered	ICD-9-CM	Diagnosis
65452	Cervical incompetence, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
65461	Other congenital or acquired abnormality of cervix, with delivery	ICD-9-CM	Diagnosis
65462	Other congenital or acquired abnormality of cervix, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
65471	Congenital or acquired abnormality of vagina, with delivery	ICD-9-CM	Diagnosis
65472	Congenital or acquired abnormality of vagina, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
65481	Congenital or acquired abnormality of vulva, with delivery	ICD-9-CM	Diagnosis
65482	Congenital or acquired abnormality of vulva, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
65491	Other and unspecified abnormality of organs and soft tissues of pelvis, with delivery	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
65492	Other and unspecified abnormality of organs and soft tissues of pelvis, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
65501	Central nervous system malformation in fetus, with delivery	ICD-9-CM	Diagnosis
65511	Chromosomal abnormality in fetus, affecting management of mother, with delivery	ICD-9-CM	Diagnosis
65521	Hereditary disease in family possibly affecting fetus, affecting management of mother, with delivery	ICD-9-CM	Diagnosis
65531	Suspected damage to fetus from viral disease in mother, affecting management of mother, with delivery	ICD-9-CM	Diagnosis
65541	Suspected damage to fetus from other disease in mother, affecting management of mother, with delivery	ICD-9-CM	Diagnosis
65551	Suspected damage to fetus from drugs, affecting management of mother, delivered	ICD-9-CM	Diagnosis
65561	Suspected damage to fetus from radiation, affecting management of mother, delivered	ICD-9-CM	Diagnosis
65571	Decreased fetal movements, affecting management of mother, delivered	ICD-9-CM	Diagnosis
65581	Other known or suspected fetal abnormality, not elsewhere classified, affecting management of mother, delivery	ICD-9-CM	Diagnosis
65591	Unspecified fetal abnormality affecting management of mother, delivery	ICD-9-CM	Diagnosis
65601	Fetal-maternal hemorrhage, with delivery	ICD-9-CM	Diagnosis
65611	Rhesus isoimmunization affecting management of mother, delivered	ICD-9-CM	Diagnosis
65621	Isoimmunization from other and unspecified blood-group incompatibility, affecting management of mother, delivered	ICD-9-CM	Diagnosis
65631	Fetal distress affecting management of mother, delivered	ICD-9-CM	Diagnosis
65641	Intrauterine death affecting management of mother, delivered	ICD-9-CM	Diagnosis
65651	Poor fetal growth, affecting management of mother, delivered	ICD-9-CM	Diagnosis
65661	Excessive fetal growth affecting management of mother, delivered	ICD-9-CM	Diagnosis
65671	Other placental conditions affecting management of mother, delivered	ICD-9-CM	Diagnosis
65681	Other specified fetal and placental problems affecting management of mother, delivered	ICD-9-CM	Diagnosis
65691	Unspecified fetal and placental problem affecting management of mother, delivered	ICD-9-CM	Diagnosis
65701	Polyhydramnios, with delivery	ICD-9-CM	Diagnosis
65801	Oligohydramnios, delivered	ICD-9-CM	Diagnosis
65811	Premature rupture of membranes in pregnancy, delivered	ICD-9-CM	Diagnosis
65821	Delayed delivery after spontaneous or unspecified rupture of membranes, delivered	ICD-9-CM	Diagnosis
65831	Delayed delivery after artificial rupture of membranes, delivered	ICD-9-CM	Diagnosis
65841	Infection of amniotic cavity, delivered	ICD-9-CM	Diagnosis
65881	Other problem associated with amniotic cavity and membranes, delivered	ICD-9-CM	Diagnosis
65891	Unspecified problem associated with amniotic cavity and membranes, delivered	ICD-9-CM	Diagnosis
65901	Failed mechanical induction of labor, delivered	ICD-9-CM	Diagnosis
65911	Failed medical or unspecified induction of labor, delivered	ICD-9-CM	Diagnosis
65921	Unspecified maternal pyrexia during labor, delivered	ICD-9-CM	Diagnosis
65931	Generalized infection during labor, delivered	ICD-9-CM	Diagnosis
65941	Grand multiparity, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
65951	Elderly primigravida, delivered	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
65961	Elderly multigravida, delivered, with mention of antepartum condition	ICD-9-CM	Diagnosis
65971	Abnormality in fetal heart rate or rhythm, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
65981	Other specified indication for care or intervention related to labor and delivery, delivered	ICD-9-CM	Diagnosis
65991	Unspecified indication for care or intervention related to labor and delivery, delivered	ICD-9-CM	Diagnosis
66001	Obstruction caused by malposition of fetus at onset of labor, delivered	ICD-9-CM	Diagnosis
66011	Obstruction by bony pelvis during labor and delivery, delivered	ICD-9-CM	Diagnosis
66021	Obstruction by abnormal pelvic soft tissues during labor and delivery, delivered	ICD-9-CM	Diagnosis
66031	Deep transverse arrest and persistent occipitoposterior position during labor and deliver, delivered	ICD-9-CM	Diagnosis
66041	Shoulder (girdle) dystocia during labor and deliver, delivered	ICD-9-CM	Diagnosis
66051	Locked twins, delivered	ICD-9-CM	Diagnosis
66061	Unspecified failed trial of labor, delivered	ICD-9-CM	Diagnosis
66071	Unspecified failed forceps or vacuum extractor, delivered	ICD-9-CM	Diagnosis
66081	Other causes of obstructed labor, delivered	ICD-9-CM	Diagnosis
66091	Unspecified obstructed labor, with delivery	ICD-9-CM	Diagnosis
66101	Primary uterine inertia, with delivery	ICD-9-CM	Diagnosis
66111	Secondary uterine inertia, with delivery	ICD-9-CM	Diagnosis
66121	Other and unspecified uterine inertia, with delivery	ICD-9-CM	Diagnosis
66131	Precipitate labor, with delivery	ICD-9-CM	Diagnosis
66141	Hypertonic, incoordinate, or prolonged uterine contractions, with delivery	ICD-9-CM	Diagnosis
66191	Unspecified abnormality of labor, with delivery	ICD-9-CM	Diagnosis
66201	Prolonged first stage of labor, delivered	ICD-9-CM	Diagnosis
66211	Unspecified prolonged labor, delivered	ICD-9-CM	Diagnosis
66221	Prolonged second stage of labor, delivered	ICD-9-CM	Diagnosis
66231	Delayed delivery of second twin, triplet, etc., delivered	ICD-9-CM	Diagnosis
66301	Prolapse of cord, complicating labor and delivery, delivered	ICD-9-CM	Diagnosis
66311	Cord around neck, with compression, complicating labor and delivery, delivered	ICD-9-CM	Diagnosis
66321	Other and unspecified cord entanglement, with compression, complicating labor and delivery, delivered	ICD-9-CM	Diagnosis
66331	Other and unspecified cord entanglement, without mention of compression, complicating labor and delivery, delivered	ICD-9-CM	Diagnosis
66341	Short cord complicating labor and delivery, delivered	ICD-9-CM	Diagnosis
66351	Vasa previa complicating labor and delivery, delivered	ICD-9-CM	Diagnosis
66361	Vascular lesions of cord complicating labor and delivery, delivered	ICD-9-CM	Diagnosis
66381	Other umbilical cord complications during labor and delivery, delivered	ICD-9-CM	Diagnosis
66391	Unspecified umbilical cord complication during labor and delivery, delivered	ICD-9-CM	Diagnosis
66401	First-degree perineal laceration, with delivery	ICD-9-CM	Diagnosis
66411	Second-degree perineal laceration, with delivery	ICD-9-CM	Diagnosis
66421	Third-degree perineal laceration, with delivery	ICD-9-CM	Diagnosis
66431	Fourth-degree perineal laceration, with delivery	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
66441	Unspecified perineal laceration, with delivery	ICD-9-CM	Diagnosis
66451	Vulvar and perineal hematoma, with delivery	ICD-9-CM	Diagnosis
66461	Anal sphincter tear complicating delivery, not associated with third-degree perineal laceration, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
66481	Other specified trauma to perineum and vulva, with delivery	ICD-9-CM	Diagnosis
66491	Unspecified trauma to perineum and vulva, with delivery	ICD-9-CM	Diagnosis
66501	Rupture of uterus before onset of labor, with delivery	ICD-9-CM	Diagnosis
66511	Rupture of uterus during labor, with delivery	ICD-9-CM	Diagnosis
66522	Inversion of uterus, delivered with postpartum complication	ICD-9-CM	Diagnosis
66531	Laceration of cervix, with delivery	ICD-9-CM	Diagnosis
66541	High vaginal laceration, with delivery	ICD-9-CM	Diagnosis
66551	Other injury to pelvic organs, with delivery	ICD-9-CM	Diagnosis
66561	Damage to pelvic joints and ligaments, with delivery	ICD-9-CM	Diagnosis
66571	Pelvic hematoma, with delivery	ICD-9-CM	Diagnosis
66572	Pelvic hematoma, delivered with postpartum complication	ICD-9-CM	Diagnosis
66581	Other specified obstetrical trauma, with delivery	ICD-9-CM	Diagnosis
66582	Other specified obstetrical trauma, delivered, with postpartum	ICD-9-CM	Diagnosis
66591	Unspecified obstetrical trauma, with delivery	ICD-9-CM	Diagnosis
66592	Unspecified obstetrical trauma, delivered, with postpartum complication	ICD-9-CM	Diagnosis
66602	Third-stage postpartum hemorrhage, with delivery	ICD-9-CM	Diagnosis
66612	Other immediate postpartum hemorrhage, with delivery	ICD-9-CM	Diagnosis
66622	Delayed and secondary postpartum hemorrhage, with delivery	ICD-9-CM	Diagnosis
66632	Postpartum coagulation defects, with delivery	ICD-9-CM	Diagnosis
66702	Retained placenta without hemorrhage, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
66712	Retained portions of placenta or membranes, without hemorrhage, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
66801	Pulmonary complications of the administration of anesthesia or other sedation in labor and delivery, delivered	ICD-9-CM	Diagnosis
66802	Pulmonary complications of the administration of anesthesia or other sedation in labor and delivery, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
66811	Cardiac complications of the administration of anesthesia or other sedation in labor and delivery, delivered	ICD-9-CM	Diagnosis
66812	Cardiac complications of the administration of anesthesia or other sedation in labor and delivery, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
66821	Central nervous system complications of the administration of anesthesia or other sedation in labor and delivery, delivered	ICD-9-CM	Diagnosis
66822	Central nervous system complications of the administration of anesthesia or other sedation in labor and delivery, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
66881	Other complications of the administration of anesthesia or other sedation in labor and delivery, delivered	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
66882	Other complications of the administration of anesthesia or other sedation in labor and delivery, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
66891	Unspecified complication of the administration of anesthesia or other sedation in labor and delivery, delivered	ICD-9-CM	Diagnosis
66892	Unspecified complication of the administration of anesthesia or other sedation in labor and delivery, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
66901	Maternal distress, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
66902	Maternal distress, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
66911	Shock during or following labor and delivery, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
66912	Shock during or following labor and delivery, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
66921	Maternal hypotension syndrome, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
66922	Maternal hypotension syndrome, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
66932	Acute kidney failure following labor and delivery, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
66941	Other complications of obstetrical surgery and procedures, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
66942	Other complications of obstetrical surgery and procedures, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
66951	Forceps or vacuum extractor delivery without mention of indication, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
66961	Breech extraction, without mention of indication, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
66971	Cesarean delivery, without mention of indication, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
66981	Other complication of labor and delivery, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
66982	Other complication of labor and delivery, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
66991	Unspecified complication of labor and delivery, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
66992	Unspecified complication of labor and delivery, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
67002	Major puerperal infection, unspecified, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
67012	Puerperal endometritis, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
67022	Puerperal sepsis, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
67032	Puerperal septic thrombophlebitis, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
67082	Other major puerperal infection, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
67101	Varicose veins of legs, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
67102	Varicose veins of legs, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
67111	Varicose veins of vulva and perineum, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67112	Varicose veins of vulva and perineum, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
67121	Superficial thrombophlebitis with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67122	Superficial thrombophlebitis with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
67131	Deep phlebothrombosis, antepartum, with delivery	ICD-9-CM	Diagnosis
67142	Deep phlebothrombosis, postpartum, with delivery	ICD-9-CM	Diagnosis
67151	Other phlebitis and thrombosis with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67152	Other phlebitis and thrombosis with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
67181	Other venous complication, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67182	Other venous complication, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
67191	Unspecified venous complication, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67192	Unspecified venous complication, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
67202	Puerperal pyrexia of unknown origin, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
67301	Obstetrical air embolism, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67302	Obstetrical air embolism, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
67311	Amniotic fluid embolism, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67312	Amniotic fluid embolism, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
67321	Obstetrical blood-clot embolism, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67322	Obstetrical blood-clot embolism, with mention of postpartum complication	ICD-9-CM	Diagnosis
67331	Obstetrical pyemic and septic embolism, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67332	Obstetrical pyemic and septic embolism, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
67381	Other obstetrical pulmonary embolism, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67382	Other obstetrical pulmonary embolism, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
67401	Cerebrovascular disorder, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67402	Cerebrovascular disorder, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
67412	Disruption of cesarean wound, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
67422	Disruption of perineal wound, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
67432	Other complication of obstetrical surgical wounds, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
67442	Placental polyp, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
67451	Peripartum cardiomyopathy, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67452	Peripartum cardiomyopathy, delivered, with mention of postpartum condition	ICD-9-CM	Diagnosis
67482	Other complication of puerperium, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
67492	Unspecified complications of puerperium, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
67501	Infection of nipple associated with childbirth, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67502	Infection of nipple associated with childbirth, delivered with mention of postpartum complication	ICD-9-CM	Diagnosis
67511	Abscess of breast associated with childbirth, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67512	Abscess of breast associated with childbirth, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
67521	Nonpurulent mastitis, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67522	Nonpurulent mastitis, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
67581	Other specified infection of the breast and nipple associated with childbirth, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67582	Other specified infection of the breast and nipple associated with childbirth, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
67591	Unspecified infection of the breast and nipple, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67592	Unspecified infection of the breast and nipple, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
67601	Retracted nipple, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67602	Retracted nipple, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
67611	Cracked nipple, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67612	Cracked nipple, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
67621	Engorgement of breasts, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67622	Engorgement of breasts, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
67631	Other and unspecified disorder of breast associated with childbirth, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67632	Other and unspecified disorder of breast associated with childbirth, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
67641	Failure of lactation, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67642	Failure of lactation, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
67651	Suppressed lactation, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67652	Suppressed lactation, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
67661	Galactorrhea, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67662	Galactorrhea, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
67681	Other disorder of lactation, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67682	Other disorder of lactation, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
67691	Unspecified disorder of lactation, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
72	Forceps, vacuum, and breech delivery	ICD-9-CM	Procedure
73	Other procedures inducing or assisting delivery	ICD-9-CM	Procedure
720	Low forceps operation	ICD-9-CM	Procedure
721	Low forceps operation with episiotomy	ICD-9-CM	Procedure
722	Mid forceps operation	ICD-9-CM	Procedure
723	High forceps operation	ICD-9-CM	Procedure
724	Forceps rotation of fetal head	ICD-9-CM	Procedure
725	Breech extraction	ICD-9-CM	Procedure
726	Forceps application to aftercoming head	ICD-9-CM	Procedure
727	Vacuum extraction	ICD-9-CM	Procedure
728	Other specified instrumental delivery	ICD-9-CM	Procedure
729	Unspecified instrumental delivery	ICD-9-CM	Procedure
730	Artificial rupture of membranes	ICD-9-CM	Procedure
731	Other surgical induction of labor	ICD-9-CM	Procedure
732	Internal and combined version and extraction	ICD-9-CM	Procedure
733	Failed forceps	ICD-9-CM	Procedure
734	Medical induction of labor	ICD-9-CM	Procedure
735	Manually assisted delivery	ICD-9-CM	Procedure
736	Episiotomy	ICD-9-CM	Procedure
738	Operations on fetus to facilitate delivery	ICD-9-CM	Procedure
739	Other operations assisting delivery	ICD-9-CM	Procedure
740	Classical cesarean section	ICD-9-CM	Procedure
741	Low cervical cesarean section	ICD-9-CM	Procedure
742	Extraperitoneal cesarean section	ICD-9-CM	Procedure
744	Cesarean section of other specified type	ICD-9-CM	Procedure
749	Cesarean section of unspecified type	ICD-9-CM	Procedure
7221	Mid forceps operation with episiotomy	ICD-9-CM	Procedure
7229	Other mid forceps operation	ICD-9-CM	Procedure
7231	High forceps operation with episiotomy	ICD-9-CM	Procedure
7239	Other high forceps operation	ICD-9-CM	Procedure
7251	Partial breech extraction with forceps to aftercoming head	ICD-9-CM	Procedure
7252	Other partial breech extraction	ICD-9-CM	Procedure
7253	Total breech extraction with forceps to aftercoming head	ICD-9-CM	Procedure

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Code	Description	Code Type	Code Category
7254	Other total breech extraction	ICD-9-CM	Procedure
7271	Vacuum extraction with episiotomy	ICD-9-CM	Procedure
7279	Other vacuum extraction	ICD-9-CM	Procedure
7301	Induction of labor by artificial rupture of membranes	ICD-9-CM	Procedure
7309	Other artificial rupture of membranes	ICD-9-CM	Procedure
7321	Internal and combined version without extraction	ICD-9-CM	Procedure
7322	Internal and combined version with extraction	ICD-9-CM	Procedure
7351	Manual rotation of fetal head	ICD-9-CM	Procedure
7359	Other manually assisted delivery	ICD-9-CM	Procedure
7391	External version to assist delivery	ICD-9-CM	Procedure
7392	Replacement of prolapsed umbilical cord	ICD-9-CM	Procedure
7393	Incision of cervix to assist delivery	ICD-9-CM	Procedure
7394	Pubiotomy to assist delivery	ICD-9-CM	Procedure
7399	Other operations to assist delivery	ICD-9-CM	Procedure
7499	Other cesarean section of unspecified type	ICD-9-CM	Procedure
67692	Unspecified disorder of lactation, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
67801	Fetal hematologic conditions, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67811	Fetal conjoined twins, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67901	Maternal complications from in utero procedure, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67902	Maternal complications from in utero procedure, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
67911	Fetal complications from in utero procedure, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
67912	Fetal complications from in utero procedure, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
V27	Outcome of delivery	ICD-9-CM	Diagnosis
V270	Outcome of delivery, single liveborn	ICD-9-CM	Diagnosis
V271	Outcome of delivery, single stillborn	ICD-9-CM	Diagnosis
V272	Outcome of delivery, twins, both liveborn	ICD-9-CM	Diagnosis
V273	Outcome of delivery, twins, one liveborn and one stillborn	ICD-9-CM	Diagnosis
V274	Outcome of delivery, twins, both stillborn	ICD-9-CM	Diagnosis
V275	Outcome of delivery, other multiple birth, all liveborn	ICD-9-CM	Diagnosis
V276	Outcome of delivery, other multiple birth, some liveborn	ICD-9-CM	Diagnosis
V277	Outcome of delivery, other multiple birth, all stillborn	ICD-9-CM	Diagnosis
V279	Outcome of delivery, unspecified	ICD-9-CM	Diagnosis
V30	Single liveborn	ICD-9-CM	Diagnosis
V300	Single liveborn, born in hospital	ICD-9-CM	Diagnosis
V3000	Single liveborn, born in hospital, delivered without mention of cesarean delivery	ICD-9-CM	Diagnosis
V3001	Single liveborn, born in hospital, delivered by cesarean delivery	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
V301	Single liveborn, born before admission to hospital	ICD-9-CM	Diagnosis
V302	Single liveborn, born outside hospital and not hospitalized	ICD-9-CM	Diagnosis
V31	Twin birth, mate liveborn	ICD-9-CM	Diagnosis
V310	Twin, mate liveborn, born in hospital	ICD-9-CM	Diagnosis
V3100	Twin, mate liveborn, born in hospital, delivered without mention of cesarean delivery	ICD-9-CM	Diagnosis
V3101	Twin, mate liveborn, born in hospital, delivered by cesarean delivery	ICD-9-CM	Diagnosis
V311	Twin birth, mate liveborn, born before admission to hospital	ICD-9-CM	Diagnosis
V312	Twin birth, mate liveborn, born outside hospital and not hospitalized	ICD-9-CM	Diagnosis
V32	Twin birth, mate stillborn	ICD-9-CM	Diagnosis
V320	Twin, mate stillborn, born in hospital	ICD-9-CM	Diagnosis
V3200	Twin, mate stillborn, born in hospital, delivered without mention of cesarean delivery	ICD-9-CM	Diagnosis
V3201	Twin, mate stillborn, born in hospital, delivered by cesarean delivery	ICD-9-CM	Diagnosis
V321	Twin birth, mate stillborn, born before admission to hospital	ICD-9-CM	Diagnosis
V322	Twin birth, mate stillborn, born outside hospital and not hospitalized	ICD-9-CM	Diagnosis
V33	Twin birth, unspecified whether mate liveborn or stillborn	ICD-9-CM	Diagnosis
V330	Twin, unspecified, born in hospital	ICD-9-CM	Diagnosis
V3300	Twin, unspecified whether mate stillborn or liveborn, born in hospital, delivered without mention of cesarean delivery	ICD-9-CM	Diagnosis
V3301	Twin, unspecified whether mate stillborn or liveborn, born in hospital, delivered by cesarean delivery	ICD-9-CM	Diagnosis
V331	Twin birth, unspecified whether mate liveborn or stillborn, born before admission to hospital	ICD-9-CM	Diagnosis
V332	Twin birth, unspecified whether mate liveborn or stillborn, born outside hospital and not hospitalized	ICD-9-CM	Diagnosis
V34	Other multiple birth (three or more), mates all liveborn	ICD-9-CM	Diagnosis
V340	Other multiple, mates all liveborn, born in hospital	ICD-9-CM	Diagnosis
V3400	Other multiple, mates all liveborn, born in hospital, delivered without mention of cesarean delivery	ICD-9-CM	Diagnosis
V3401	Other multiple, mates all liveborn, born in hospital, delivered by cesarean delivery	ICD-9-CM	Diagnosis
V341	Other multiple birth (three or more), mates all liveborn, born before admission to hospital	ICD-9-CM	Diagnosis
V342	Other multiple birth (three or more), mates all liveborn, born outside hospital and not hospitalized	ICD-9-CM	Diagnosis
V35	Other multiple birth (three or more), mates all stillborn	ICD-9-CM	Diagnosis
V350	Other multiple, mates all stillborn, born in hospital	ICD-9-CM	Diagnosis
V3500	Other multiple, mates all stillborn, born in hospital, delivered without mention of cesarean delivery	ICD-9-CM	Diagnosis
V3501	Other multiple, mates all stillborn, born in hospital, delivered by cesarean delivery	ICD-9-CM	Diagnosis
V351	Other multiple birth (three or more), mates all stillborn, born before admission to hospital	ICD-9-CM	Diagnosis
V352	Other multiple birth (three or more), mates all stillborn, born outside of hospital and not hospitalized	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
V36	Other multiple birth (three or more), mates liveborn and stillborn	ICD-9-CM	Diagnosis
V360	Other multiple, mates liveborn and stillborn, born in hospital	ICD-9-CM	Diagnosis
V3600	Other multiple, mates liveborn and stillborn, born in hospital, delivered without mention of cesarean delivery	ICD-9-CM	Diagnosis
V3601	Other multiple, mates liveborn and stillborn, born in hospital, delivered by cesarean delivery	ICD-9-CM	Diagnosis
V361	Other multiple birth (three or more), mates liveborn and stillborn, born before admission to hospital	ICD-9-CM	Diagnosis
V362	Other multiple birth (three or more), mates liveborn and stillborn, born outside hospital and not hospitalized	ICD-9-CM	Diagnosis
V37	Other multiple birth (three or more), unspecified whether mates liveborn or stillborn	ICD-9-CM	Diagnosis
V370	Other multiple, unspecified whether mates stillborn or liveborn, born in hospital	ICD-9-CM	Diagnosis
V3700	Other multiple, unspecified whether mates stillborn or liveborn, born in hospital, delivered without mention of cesarean delivery	ICD-9-CM	Diagnosis
V3701	Other multiple, unspecified whether mates stillborn or liveborn, born in hospital, delivered by cesarean delivery	ICD-9-CM	Diagnosis
V371	Other multiple birth (three or more), unspecified whether mates liveborn or stillborn, born before admission to hospital	ICD-9-CM	Diagnosis
V372	Other multiple birth (three or more), unspecified whether mates liveborn or stillborn, born outside of hospital	ICD-9-CM	Diagnosis
V39	Liveborn, unspecified whether single, twin, or multiple	ICD-9-CM	Diagnosis
V390	Other liveborn, unspecified whether single, twin, or multiple, born in hospital	ICD-9-CM	Diagnosis
V3900	Liveborn infant, unspecified whether single, twin, or multiple, born in hospital, delivered without mention of cesarean delivery	ICD-9-CM	Diagnosis
V3901	Liveborn infant, unspecified whether single, twin, or multiple, born in hospital, delivered by cesarean	ICD-9-CM	Diagnosis
V391	Liveborn, unspecified whether single, twin or multiple, born before admission to hospital	ICD-9-CM	Diagnosis
V392	Liveborn, unspecified whether single, twin or multiple, born outside hospital and not hospitalized	ICD-9-CM	Diagnosis
O481	Prolonged pregnancy	ICD-10-CM	Diagnosis
P0822	Prolonged gestation of newborn	ICD-10-CM	Diagnosis
Z3A49	Greater than 42 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
O480	Post-term pregnancy	ICD-10-CM	Diagnosis
P0821	Post-term newborn	ICD-10-CM	Diagnosis
Z3A42	42 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
Z3A41	41 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
Z3A40	40 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
Z3A39	39 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
Z3A38	38 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
Z3A37	37 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
P0739	Preterm newborn, gestational age 36 completed weeks	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
Z3A36	36 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
P0738	Preterm newborn, gestational age 35 completed weeks	ICD-10-CM	Diagnosis
Z3A35	35 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
P0737	Preterm newborn, gestational age 34 completed weeks	ICD-10-CM	Diagnosis
Z3A34	34 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
P0736	Preterm newborn, gestational age 33 completed weeks	ICD-10-CM	Diagnosis
Z3A33	33 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
P0735	Preterm newborn, gestational age 32 completed weeks	ICD-10-CM	Diagnosis
Z3A32	32 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
P0734	Preterm newborn, gestational age 31 completed weeks	ICD-10-CM	Diagnosis
Z3A31	31 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
P0733	Preterm newborn, gestational age 30 completed weeks	ICD-10-CM	Diagnosis
Z3A30	30 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
P0732	Preterm newborn, gestational age 29 completed weeks	ICD-10-CM	Diagnosis
Z3A29	29 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
P0731	Preterm newborn, gestational age 28 completed weeks	ICD-10-CM	Diagnosis
Z3A28	28 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
P0726	Extreme immaturity of newborn, gestational age 27 completed weeks	ICD-10-CM	Diagnosis
Z3A27	27 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
P0725	Extreme immaturity of newborn, gestational age 26 completed weeks	ICD-10-CM	Diagnosis
Z3A26	26 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
P0724	Extreme immaturity of newborn, gestational age 25 completed weeks	ICD-10-CM	Diagnosis
Z3A25	25 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
P0723	Extreme immaturity of newborn, gestational age 24 completed weeks	ICD-10-CM	Diagnosis
Z3A24	24 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
P0722	Extreme immaturity of newborn, gestational age 23 completed weeks	ICD-10-CM	Diagnosis
Z3A23	23 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
P0721	Extreme immaturity of newborn, gestational age less than 23 completed weeks	ICD-10-CM	Diagnosis
Z3A22	22 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
Z3A21	21 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
Z3A20	20 weeks gestation of pregnancy	ICD-10-CM	Diagnosis
P0720	Extreme immaturity of newborn, unspecified weeks of gestation	ICD-10-CM	Diagnosis
O6013X0	Preterm labor second trimester with preterm delivery third trimester	ICD-10-CM	Diagnosis
O6013X1	Preterm labor second trimester with preterm delivery third trimester	ICD-10-CM	Diagnosis
O6013X2	Preterm labor second trimester with preterm delivery third trimester	ICD-10-CM	Diagnosis
O6013X3	Preterm labor second trimester with preterm delivery third trimester	ICD-10-CM	Diagnosis
O6013X4	Preterm labor second trimester with preterm delivery third trimester	ICD-10-CM	Diagnosis
O6013X5	Preterm labor second trimester with preterm delivery third trimester	ICD-10-CM	Diagnosis
O6013X9	Preterm labor second trimester with preterm delivery third trimester	ICD-10-CM	Diagnosis
O6014X0	Preterm labor third trimester with preterm delivery third trimester	ICD-10-CM	Diagnosis
O6014X1	Preterm labor third trimester with preterm delivery third trimester	ICD-10-CM	Diagnosis
O6014X2	Preterm labor third trimester with preterm delivery third trimester	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O6014X3	Preterm labor third trimester with preterm delivery third trimester	ICD-10-CM	Diagnosis
O6014X4	Preterm labor third trimester with preterm delivery third trimester	ICD-10-CM	Diagnosis
O6014X5	Preterm labor third trimester with preterm delivery third trimester	ICD-10-CM	Diagnosis
O6014X9	Preterm labor third trimester with preterm delivery third trimester	ICD-10-CM	Diagnosis
P0730	Preterm newborn, unspecified weeks of gestation	ICD-10-CM	Diagnosis
O6012X0	Preterm labor second trimester with preterm delivery second trimester	ICD-10-CM	Diagnosis
O6012X1	Preterm labor second trimester with preterm delivery second trimester	ICD-10-CM	Diagnosis
O6012X2	Preterm labor second trimester with preterm delivery second trimester	ICD-10-CM	Diagnosis
O6012X3	Preterm labor second trimester with preterm delivery second trimester	ICD-10-CM	Diagnosis
O6012X4	Preterm labor second trimester with preterm delivery second trimester	ICD-10-CM	Diagnosis
O6012X5	Preterm labor second trimester with preterm delivery second trimester	ICD-10-CM	Diagnosis
O6012X9	Preterm labor second trimester with preterm delivery second trimester	ICD-10-CM	Diagnosis
64520	Prolonged pregnancy	ICD-9-CM	Diagnosis
64521	Prolonged pregnancy	ICD-9-CM	Diagnosis
64523	Prolonged pregnancy	ICD-9-CM	Diagnosis
76528	35-36 completed weeks of gestation	ICD-9-CM	Diagnosis
76622	Prolonged gestation of infant	ICD-9-CM	Diagnosis
64510	Post term pregnancy	ICD-9-CM	Diagnosis
64511	Post term pregnancy	ICD-9-CM	Diagnosis
64513	Post term pregnancy	ICD-9-CM	Diagnosis
76527	33-34 completed weeks of gestation	ICD-9-CM	Diagnosis
76621	Post-term infant	ICD-9-CM	Diagnosis
76526	31-32 completed weeks of gestation	ICD-9-CM	Diagnosis
76525	29-30 completed weeks of gestation	ICD-9-CM	Diagnosis
76524	27-28 completed weeks of gestation	ICD-9-CM	Diagnosis
76523	25-26 completed weeks of gestation	ICD-9-CM	Diagnosis
76521	Less than 24 completed weeks of gestation	ICD-9-CM	Diagnosis
76522	24 completed weeks of gestation	ICD-9-CM	Diagnosis
76500	Extreme immaturity, by weight	ICD-9-CM	Diagnosis
76501	Extreme immaturity, by weight	ICD-9-CM	Diagnosis
76502	Extreme immaturity, by weight	ICD-9-CM	Diagnosis
76503	Extreme immaturity, by weight	ICD-9-CM	Diagnosis
76504	Extreme immaturity, by weight	ICD-9-CM	Diagnosis
76505	Extreme immaturity, by weight	ICD-9-CM	Diagnosis
76506	Extreme immaturity, by weight	ICD-9-CM	Diagnosis
76507	Extreme immaturity, by weight	ICD-9-CM	Diagnosis
76508	Extreme immaturity, by weight	ICD-9-CM	Diagnosis
76509	Extreme immaturity, by weight	ICD-9-CM	Diagnosis
64421	Early onset of delivery, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
76510	Other preterm infants, by weight	ICD-9-CM	Diagnosis
76511	Other preterm infants, by weight	ICD-9-CM	Diagnosis
76512	Other preterm infants, by weight	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
76513	Other preterm infants, by weight	ICD-9-CM	Diagnosis
76514	Other preterm infants, by weight	ICD-9-CM	Diagnosis
76515	Other preterm infants, by weight	ICD-9-CM	Diagnosis
76516	Other preterm infants, by weight	ICD-9-CM	Diagnosis
76517	Other preterm infants, by weight	ICD-9-CM	Diagnosis
76518	Other preterm infants, by weight	ICD-9-CM	Diagnosis
76519	Other preterm infants, by weight	ICD-9-CM	Diagnosis
76520	Unspecified weeks of gestation	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
Any Antibiotic			
00.14	Injection or infusion of oxazolidinone class of antibiotics	ICD-9-CM	Procedure
99.21	Injection of antibiotic	ICD-9-CM	Procedure
90788	Intramuscular injection of antibiotic (specify)	CPT-4	Procedure
99556	Home infusion for antibiotics/antifungals/antivirals, per visit	CPT-4	Procedure
3E00X28	Introduction of Oxazolidinones into Skin and Mucous Membranes, External Approach	ICD-10-PCS	Procedure
3E00X29	Introduction of Other Anti-infective into Skin and Mucous Membranes, External Approach	ICD-10-PCS	Procedure
3E01328	Introduction of Oxazolidinones into Subcutaneous Tissue, Percutaneous Approach	ICD-10-PCS	Procedure
3E01329	Introduction of Other Anti-infective into Subcutaneous Tissue, Percutaneous Approach	ICD-10-PCS	Procedure
3E02328	Introduction of Oxazolidinones into Muscle, Percutaneous Approach	ICD-10-PCS	Procedure
3E02329	Introduction of Other Anti-infective into Muscle, Percutaneous Approach	ICD-10-PCS	Procedure
3E03028	Introduction of Oxazolidinones into Peripheral Vein, Open Approach	ICD-10-PCS	Procedure
3E03029	Introduction of Other Anti-infective into Peripheral Vein, Open Approach	ICD-10-PCS	Procedure
3E03328	Introduction of Oxazolidinones into Peripheral Vein, Percutaneous Approach	ICD-10-PCS	Procedure
3E03329	Introduction of Other Anti-infective into Peripheral Vein, Percutaneous Approach	ICD-10-PCS	Procedure
3E04028	Introduction of Oxazolidinones into Central Vein, Open Approach	ICD-10-PCS	Procedure
3E04029	Introduction of Other Anti-infective into Central Vein, Open Approach	ICD-10-PCS	Procedure
3E04328	Introduction of Oxazolidinones into Central Vein, Percutaneous Approach	ICD-10-PCS	Procedure
3E04329	Introduction of Other Anti-infective into Central Vein, Percutaneous Approach	ICD-10-PCS	Procedure
3E05028	Introduction of Oxazolidinones into Peripheral Artery, Open Approach	ICD-10-PCS	Procedure
3E05029	Introduction of Other Anti-infective into Peripheral Artery, Open Approach	ICD-10-PCS	Procedure
3E05328	Introduction of Oxazolidinones into Peripheral Artery, Percutaneous Approach	ICD-10-PCS	Procedure
3E05329	Introduction of Other Anti-infective into Peripheral Artery, Percutaneous Approach	ICD-10-PCS	Procedure
3E06028	Introduction of Oxazolidinones into Central Artery, Open Approach	ICD-10-PCS	Procedure
3E06029	Introduction of Other Anti-infective into Central Artery, Open Approach	ICD-10-PCS	Procedure
3E06328	Introduction of Oxazolidinones into Central Artery, Percutaneous Approach	ICD-10-PCS	Procedure
3E06329	Introduction of Other Anti-infective into Central Artery, Percutaneous Approach	ICD-10-PCS	Procedure
3E09328	Introduction of Oxazolidinones into Nose, Percutaneous Approach	ICD-10-PCS	Procedure
3E09728	Introduction of Oxazolidinones into Nose, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
3E09X28	Introduction of Oxazolidinones into Nose, External Approach	ICD-10-PCS	Procedure
3E0B328	Introduction of Oxazolidinones into Ear, Percutaneous Approach	ICD-10-PCS	Procedure
3E0B728	Introduction of Oxazolidinones into Ear, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
3E0BX28	Introduction of Oxazolidinones into Ear, External Approach	ICD-10-PCS	Procedure
3E0C328	Introduction of Oxazolidinones into Eye, Percutaneous Approach	ICD-10-PCS	Procedure
3E0C728	Introduction of Oxazolidinones into Eye, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
3E0CX28	Introduction of Oxazolidinones into Eye, External Approach	ICD-10-PCS	Procedure
3E0D328	Introduction of Oxazolidinones into Mouth and Pharynx, Percutaneous Approach	ICD-10-PCS	Procedure
3E0D728	Introduction of Oxazolidinones into Mouth and Pharynx, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
3E0DX28	Introduction of Oxazolidinones into Mouth and Pharynx, External Approach	ICD-10-PCS	Procedure
3E0F328	Introduction of Oxazolidinones into Respiratory Tract, Percutaneous Approach	ICD-10-PCS	Procedure

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Code	Description	Code Type	Code Category
3E0F329	Introduction of Other Anti-infective into Respiratory Tract, Percutaneous Approach	ICD-10-PCS	Procedure
3E0F728	Introduction of Oxazolidinones into Respiratory Tract, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
3E0F729	Introduction of Other Anti-infective into Respiratory Tract, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
3E0F828	Introduction of Oxazolidinones into Respiratory Tract, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
3E0F829	Introduction of Other Anti-infective into Respiratory Tract, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
3E0G328	Introduction of Oxazolidinones into Upper GI, Percutaneous Approach	ICD-10-PCS	Procedure
3E0G329	Introduction of Other Anti-infective into Upper GI, Percutaneous Approach	ICD-10-PCS	Procedure
3E0G728	Introduction of Oxazolidinones into Upper GI, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
3E0G729	Introduction of Other Anti-infective into Upper GI, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
3E0G828	Introduction of Oxazolidinones into Upper GI, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
3E0G829	Introduction of Other Anti-infective into Upper GI, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
3E0H328	Introduction of Oxazolidinones into Lower GI, Percutaneous Approach	ICD-10-PCS	Procedure
3E0H329	Introduction of Other Anti-infective into Lower GI, Percutaneous Approach	ICD-10-PCS	Procedure
3E0H728	Introduction of Oxazolidinones into Lower GI, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
3E0H729	Introduction of Other Anti-infective into Lower GI, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
3E0H828	Introduction of Oxazolidinones into Lower GI, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
3E0H829	Introduction of Other Anti-infective into Lower GI, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
3E0J328	Introduction of Oxazolidinones into Biliary and Pancreatic Tract, Percutaneous Approach	ICD-10-PCS	Procedure
3E0J329	Introduction of Other Anti-infective into Biliary and Pancreatic Tract, Percutaneous Approach	ICD-10-PCS	Procedure
3E0J728	Introduction of Oxazolidinones into Biliary and Pancreatic Tract, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
3E0J729	Introduction of Other Anti-infective into Biliary and Pancreatic Tract, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
3E0J828	Introduction of Oxazolidinones into Biliary and Pancreatic Tract, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
3E0J829	Introduction of Other Anti-infective into Biliary and Pancreatic Tract, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
3E0K328	Introduction of Oxazolidinones into Genitourinary Tract, Percutaneous Approach	ICD-10-PCS	Procedure

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Code	Description	Code Type	Code Category
3E0K329	Introduction of Other Anti-infective into Genitourinary Tract, Percutaneous Approach	ICD-10-PCS	Procedure
3E0K728	Introduction of Oxazolidinones into Genitourinary Tract, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
3E0K729	Introduction of Other Anti-infective into Genitourinary Tract, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
3E0K828	Introduction of Oxazolidinones into Genitourinary Tract, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
3E0K829	Introduction of Other Anti-infective into Genitourinary Tract, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
3E0L328	Introduction of Oxazolidinones into Pleural Cavity, Percutaneous Approach	ICD-10-PCS	Procedure
3E0L329	Introduction of Other Anti-infective into Pleural Cavity, Percutaneous Approach	ICD-10-PCS	Procedure
3E0M328	Introduction of Oxazolidinones into Peritoneal Cavity, Percutaneous Approach	ICD-10-PCS	Procedure
3E0M329	Introduction of Other Anti-infective into Peritoneal Cavity, Percutaneous Approach	ICD-10-PCS	Procedure
3E0N328	Introduction of Oxazolidinones into Male Reproductive, Percutaneous Approach	ICD-10-PCS	Procedure
3E0N329	Introduction of Other Anti-infective into Male Reproductive, Percutaneous Approach	ICD-10-PCS	Procedure
3E0N728	Introduction of Oxazolidinones into Male Reproductive, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
3E0N729	Introduction of Other Anti-infective into Male Reproductive, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
3E0N828	Introduction of Oxazolidinones into Male Reproductive, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
3E0N829	Introduction of Other Anti-infective into Male Reproductive, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
3E0P328	Introduction of Oxazolidinones into Female Reproductive, Percutaneous Approach	ICD-10-PCS	Procedure
3E0P329	Introduction of Other Anti-infective into Female Reproductive, Percutaneous Approach	ICD-10-PCS	Procedure
3E0P728	Introduction of Oxazolidinones into Female Reproductive, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
3E0P729	Introduction of Other Anti-infective into Female Reproductive, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
3E0P828	Introduction of Oxazolidinones into Female Reproductive, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
3E0P829	Introduction of Other Anti-infective into Female Reproductive, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
3E0Q028	Introduction of Oxazolidinones into Cranial Cavity and Brain, Open Approach	ICD-10-PCS	Procedure
3E0Q029	Introduction of Other Anti-infective into Cranial Cavity and Brain, Open Approach	ICD-10-PCS	Procedure

Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedural Classification System (ICD-10-PCS), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Type	Code Category
3E0Q328	Introduction of Oxazolidinones into Cranial Cavity and Brain, Percutaneous Approach	ICD-10-PCS	Procedure
3E0Q329	Introduction of Other Anti-infective into Cranial Cavity and Brain, Percutaneous Approach	ICD-10-PCS	Procedure
3E0R328	Introduction of Oxazolidinones into Spinal Canal, Percutaneous Approach	ICD-10-PCS	Procedure
3E0R329	Introduction of Other Anti-infective into Spinal Canal, Percutaneous Approach	ICD-10-PCS	Procedure
3E0S328	Introduction of Oxazolidinones into Epidural Space, Percutaneous Approach	ICD-10-PCS	Procedure
3E0S329	Introduction of Other Anti-infective into Epidural Space, Percutaneous Approach	ICD-10-PCS	Procedure
3E0U028	Introduction of Oxazolidinones into Joints, Open Approach	ICD-10-PCS	Procedure
3E0U029	Introduction of Other Anti-infective into Joints, Open Approach	ICD-10-PCS	Procedure
3E0U328	Introduction of Oxazolidinones into Joints, Percutaneous Approach	ICD-10-PCS	Procedure
3E0U329	Introduction of Other Anti-infective into Joints, Percutaneous Approach	ICD-10-PCS	Procedure
3E0V328	Introduction of Oxazolidinones into Bones, Percutaneous Approach	ICD-10-PCS	Procedure
3E0V329	Introduction of Other Anti-infective into Bones, Percutaneous Approach	ICD-10-PCS	Procedure
3E0W328	Introduction of Oxazolidinones into Lymphatics, Percutaneous Approach	ICD-10-PCS	Procedure
3E0W329	Introduction of Other Anti-infective into Lymphatics, Percutaneous Approach	ICD-10-PCS	Procedure
3E0Y328	Introduction of Oxazolidinones into Pericardial Cavity, Percutaneous Approach	ICD-10-PCS	Procedure
3E0Y329	Introduction of Other Anti-infective into Pericardial Cavity, Percutaneous Approach	ICD-10-PCS	Procedure
4043F	Documentation that an order was given to discontinue prophylactic antibiotics within 48 hours of surgical end time, cardiac procedures (PERI 2)	CPT-2	Procedure
4045F	Appropriate empiric antibiotic prescribed (CAP), (EM)	CPT-2	Procedure
4046F	Documentation that prophylactic antibiotics were given within 4 hours prior to surgical incision or given intraoperatively (PERI 2)	CPT-2	Procedure
4047F	Documentation of order for prophylactic parenteral antibiotics to be given within 1 hour (if fluoroquinolone or vancomycin, 2 hours) prior to surgical incision (or start of procedure when no incision is required) (PERI 2)	CPT-2	Procedure
4048F	Documentation that administration of prophylactic parenteral antibiotic was initiated within 1 hour (if fluoroquinolone or vancomycin, 2 hours) prior to surgical incision (or start of procedure when no incision is required) as ordered (PERI 2)	CPT-2	Procedure
4049F	Documentation that order was given to discontinue prophylactic antibiotics within 24 hours of surgical end time, non-cardiac procedure (PERI 2)	CPT-2	Procedure
4120F	Antibiotic prescribed or dispensed (URI, PHAR), (A-BRONCH)	CPT-2	Procedure
G8012	Pneumonia: patient documented to have received antibiotic within 4 hours of presentation	HCPCS	Procedure
G8152	Patient documented to have received antibiotic prophylaxis one hour prior to incision time (2 hours for vancomycin)	HCPCS	Procedure
G8191	Clinician documented to have given order for prophylactic antibiotic to be given within one hour (if vancomycin, two hours) prior to surgical incision (or start of procedure when no incision is required)	HCPCS	Procedure

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Code	Description	Code Type	Code Category
G8192	Clinician documented to have given the prophylactic antibiotic within one hour (if vancomycin, two hours) prior to the surgical incision (or start of procedure when no incision is required)	HCPCS	Procedure
G8195	Clinician documented to have given the prophylactic antibiotic within one hour (if vancomycin, two hours) prior to the surgical incision (or start of procedure when no incision is required)	HCPCS	Procedure
G8197	Patient documented to have order for prophylactic antibiotic to be given within one hour (if vancomycin, two hours) prior to surgical incision (or start of procedure when no incision is required)	HCPCS	Procedure
G8202	Clinician documented an order was given to discontinue prophylactic antibiotics within 24 hours of surgical end time	HCPCS	Procedure
G8203	Clinician documented that prophylactic antibiotics were discontinued within 24 hours of surgical end time	HCPCS	Procedure
G8206	Clinician documented that prophylactic antibiotic was given	HCPCS	Procedure
G8207	Clinician documented an order was given to discontinue prophylactic antibiotics within 48 hours of surgical end time	HCPCS	Procedure
G8208	Clinician documented that prophylactic antibiotics were discontinued within 48 hours of surgical end time	HCPCS	Procedure
G8211	Clinician documented that prophylactic antibiotic was given	HCPCS	Procedure
G8366	Patient documented to have appropriate empiric antibiotic prescribed	HCPCS	Procedure
G8503	Documentation that prophylactic antibiotic was given within one hour (if fluoroquinolone or vancomycin, two hours) prior to surgical incision (or start of procedure when no incision is required)	HCPCS	Procedure
G8504	Documentation of order for prophylactic antibiotics to be given within one hour (if fluoroquinolone or vancomycin, two hours) prior to surgical incision (or start of procedure when no incision is required)	HCPCS	Procedure
G8629	Documentation of order for prophylactic parenteral antibiotic to be given within one hour (if fluoroquinolone or vancomycin, 2 hours) prior to surgical incision (or start of procedure when no incision is required)	HCPCS	Procedure
G8630	Documentation that administration of prophylactic parenteral antibiotics was initiated within one hour (if fluoroquinolone or vancomycin, 2 hours) prior to surgical incision (or start of procedure when no incision is required), as ordered	HCPCS	Procedure
G8702	Documentation that prophylactic antibiotics were given within 4 hours prior to surgical incision or intraoperatively	HCPCS	Procedure

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Code	Description	Code Type	Code Category
G8709	Patient prescribed or dispensed antibiotic for documented medical reason(s) within three days after the initial diagnosis of URI (e.g., intestinal infection, pertussis, bacterial infection, Lyme disease, Otitis media, acute sinusitis, acute pharyngitis, acute tonsillitis, chronic sinusitis, infection of the pharynx/larynx/tonsils/adenoids, prostatitis, cellulitis, mastoiditis, or bone infections, acute lymphadenitis, impetigo, skin staph infections, pneumonia/gonococcal infections, venereal disease (syphilis, chlamydia, inflammatory diseases (female reproductive organs)), infections of the kidney, cystitis or UTI, and acne)	HCPCS	Procedure
G8710	Patient prescribed or dispensed antibiotic	HCPCS	Procedure
G8711	Prescribed or dispensed antibiotic	HCPCS	Procedure
G8916	Patient with preoperative order for IV antibiotic surgical site infection (SSI) prophylaxis, antibiotic initiated on time	HCPCS	Procedure
G8917	Patient with preoperative order for IV antibiotic surgical site infection (SSI) prophylaxis, antibiotic not initiated on time	HCPCS	Procedure
G8918	Patient without preoperative order for IV antibiotic surgical site infection (SSI) prophylaxis	HCPCS	Procedure
G9286	Antibiotic regimen prescribed within 10 days after onset of symptoms	HCPCS	Procedure
G9300	Documentation of medical reason(s) for not completely infusing the prophylactic antibiotic prior to the inflation of the proximal tourniquet (e.g., a tourniquet was not used)	HCPCS	Procedure
G9301	Patients who had the prophylactic antibiotic completely infused prior to the inflation of the proximal tourniquet	HCPCS	Procedure
G9302	Prophylactic antibiotic not completely infused prior to the inflation of the proximal tourniquet, reason not given	HCPCS	Procedure
G9315	Documentation amoxicillin, with or without clavulanate, prescribed as a first line antibiotic at the time of diagnosis	HCPCS	Procedure
G9498	Antibiotic regimen prescribed	HCPCS	Procedure
G9505	Antibiotic regimen prescribed within 10 days after onset of symptoms for documented medical reason	HCPCS	Procedure
G9558	Patient treated with a beta-lactam antibiotic as definitive therapy	HCPCS	Procedure
G9701	Children who are taking antibiotics in the 30 days prior to the date of the encounter during which the diagnosis was established	HCPCS	Procedure
G9703	Children who are taking antibiotics in the 30 days prior to the diagnosis of pharyngitis	HCPCS	Procedure

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Code	Description	Code Type	Code Category
G9712	Documentation of medical reason(s) for prescribing or dispensing antibiotic (e.g., intestinal infection, pertussis, bacterial infection, lyme disease, Otitis media, acute sinusitis, acute pharyngitis, acute tonsillitis, chronic sinusitis, infection of the pharynx/larynx/tonsils/adenoids, prostatitis, cellulitis/mastoiditis/bone infections, acute lymphadenitis, impetigo, skin staph infections, pneumonia, gonococcal infections/venereal disease (syphilis, chlamydia, inflammatory diseases [female reproductive organs]), infections of the kidney, cystitis/UTI, acne, HIV disease/asymptomatic HIV, cystic fibrosis, disorders of the immune system, malignancy neoplasms, chronic bronchitis, emphysema, bronchiectasis, extrinsic allergic alveolitis, chronic airway obstruction, chronic obstructive asthma, pneumoconiosis and other lung disease due to external agents, other diseases of the respiratory system, and tuberculosis	HCPCS	Procedure
J0120	Injection, tetracycline, up to 250 mg	HCPCS	Procedure
J0121	Injection, omadacycline, 1 mg	HCPCS	Procedure
J0122	Injection, eravacycline, 1 mg	HCPCS	Procedure
J0200	Injection, alatrofloxacin mesylate, 100 mg	HCPCS	Procedure
J0278	Injection, amikacin sulfate, 100 mg	HCPCS	Procedure
J0285	Injection, amphotericin B, 50 mg	HCPCS	Procedure
J0287	Injection, amphotericin B lipid complex, 10 mg	HCPCS	Procedure
J0288	Injection, amphotericin B cholesteryl sulfate complex, 10 mg	HCPCS	Procedure
J0289	Injection, amphotericin B liposome, 10 mg	HCPCS	Procedure
J0290	Injection, ampicillin sodium, 500 mg	HCPCS	Procedure
J0295	Injection, ampicillin sodium/sulbactam sodium, per 1.5 g	HCPCS	Procedure
J0456	Injection, azithromycin, 500 mg	HCPCS	Procedure
J0558	Injection, penicillin G benzathine and penicillin G procaine, 100,000 units	HCPCS	Procedure
J0561	Injection, penicillin G benzathine, 100,000 units	HCPCS	Procedure
J0690	Injection, cefazolin sodium, 500 mg	HCPCS	Procedure
J0692	Injection, cefepime HCl, 500 mg	HCPCS	Procedure
J0694	Injection, ceftazidime sodium, 1 g	HCPCS	Procedure
J0695	Injection, ceftolozane 50 mg and tazobactam 25 mg	HCPCS	Procedure
J0696	Injection, ceftriaxone sodium, per 250 mg	HCPCS	Procedure
J0697	Injection, sterile cefuroxime sodium, per 750 mg	HCPCS	Procedure
J0698	Injection, cefotaxime sodium, per g	HCPCS	Procedure
J0712	Injection, ceftaroline fosamil, 10 mg	HCPCS	Procedure
J0713	Injection, ceftazidime, per 500 mg	HCPCS	Procedure
J0714	Injection, ceftazidime and avibactam, 0.5 g/0.125 g	HCPCS	Procedure
J0715	Injection, ceftizoxime sodium, per 500 mg	HCPCS	Procedure
J0743	Injection, cilastatin sodium; imipenem, per 250 mg	HCPCS	Procedure
J0744	Injection, ciprofloxacin for intravenous infusion, 200 mg	HCPCS	Procedure
J0875	Injection, dalbavancin, 5 mg	HCPCS	Procedure
J0878	Injection, daptomycin, 1 mg	HCPCS	Procedure
J1267	Injection, doripenem, 10 mg	HCPCS	Procedure

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Code	Description	Code Type	Code Category
J1335	Injection, ertapenem sodium, 500 mg	HCPCS	Procedure
J1364	Injection, erythromycin lactobionate, per 500 mg	HCPCS	Procedure
J1580	Injection, garamycin, gentamicin, up to 80 mg	HCPCS	Procedure
J1840	Injection, kanamycin sulfate, up to 500 mg	HCPCS	Procedure
J1850	Injection, kanamycin sulfate, up to 75 mg	HCPCS	Procedure
J1890	Injection, cephalothin sodium, up to 1 g	HCPCS	Procedure
J1956	Injection, levofloxacin, 250 mg	HCPCS	Procedure
J2010	Injection, lincomycin HCl, up to 300 mg	HCPCS	Procedure
J2020	Injection, linezolid, 200 mg	HCPCS	Procedure
J2185	Injection, meropenem, 100 mg	HCPCS	Procedure
J2186	Injection, meropenem, vaborbactam, 10 mg/10 mg, (20 mg)	HCPCS	Procedure
J2265	Injection, minocycline HCl, 1 mg	HCPCS	Procedure
J2280	Injection, moxifloxacin, 100 mg	HCPCS	Procedure
J2407	Injection, oritavancin, 10 mg	HCPCS	Procedure
J2460	Injection, oxytetracycline HCl, up to 50 mg	HCPCS	Procedure
J2510	Injection, penicillin G procaine, aqueous, up to 600,000 units	HCPCS	Procedure
J2540	Injection, penicillin G potassium, up to 600,000 units	HCPCS	Procedure
J2543	Injection, piperacillin sodium/tazobactam sodium, 1 g/0.125 g (1.125 g)	HCPCS	Procedure
J2700	Injection, oxacillin sodium, up to 250 mg	HCPCS	Procedure
J3000	Injection, streptomycin, up to 1 g	HCPCS	Procedure
J3090	Injection, tedizolid phosphate, 1 mg	HCPCS	Procedure
J3095	Injection, telavancin, 10 mg	HCPCS	Procedure
J3243	Injection, tigecycline, 1 mg	HCPCS	Procedure
J3260	Injection, tobramycin sulfate, up to 80 mg	HCPCS	Procedure
J3320	Injection, spectinomycin dihydrochloride, up to 2 g	HCPCS	Procedure
J3370	Injection, vancomycin HCl, 500 mg	HCPCS	Procedure
J7682	Tobramycin, inhalation solution, FDA-approved final product, noncompounded, unit dose form, administered through DME, per 300 mg	HCPCS	Procedure
J7683	Triamcinolone, inhalation solution, compounded product, administered through DME, concentrated form, per mg	HCPCS	Procedure
J7684	Triamcinolone, inhalation solution, compounded product, administered through DME, unit dose form, per mg	HCPCS	Procedure
J7685	Tobramycin, inhalation solution, compounded product, administered through DME, unit dose form, per 300 mg	HCPCS	Procedure
S5016	Any antibiotic supplies (with pump), per day	HCPCS	Procedure
S5017	Any antibiotic supplies (without pump), per day	HCPCS	Procedure
S9494	Home infusion therapy, antibiotic, antiviral, or antifungal therapy; administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem (do not use this code with home infusion codes for hourly dosing schedules S9497-S9504)	HCPCS	Procedure

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Code	Description	Code Type	Code Category
S9497	Home infusion therapy, antibiotic, antiviral, or antifungal therapy; once every 3 hours; administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	HCPCS	Procedure
S9500	Home infusion therapy, antibiotic, antiviral, or antifungal therapy; once every 24 hours; administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	HCPCS	Procedure
S9501	Home infusion therapy, antibiotic, antiviral, or antifungal therapy; once every 12 hours; administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	HCPCS	Procedure
S9502	Home infusion therapy, antibiotic, antiviral, or antifungal therapy; once every 8 hours, administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	HCPCS	Procedure
S9503	Home infusion therapy, antibiotic, antiviral, or antifungal; once every 6 hours; administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	HCPCS	Procedure
S9504	Home infusion therapy, antibiotic, antiviral, or antifungal; once every 4 hours; administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	HCPCS	Procedure
S9539	Administration of antibiotics, intravenously, in the home setting, including all nursing care, equipment, and supplies; per diem	HCPCS	Procedure
XW03321	Introduction of Ceftazidime-Avibactam Anti-infective into Peripheral Vein, Percutaneous Approach, New Technology Group 1	ICD-10-PCS	Procedure
XW03341	Introduction of Isavuconazole Anti-infective into Peripheral Vein, Percutaneous Approach, New Technology Group 1	ICD-10-PCS	Procedure
XW04321	Introduction of Ceftazidime-Avibactam Anti-infective into Central Vein, Percutaneous Approach, New Technology Group 1	ICD-10-PCS	Procedure
XW04341	Introduction of Isavuconazole Anti-infective into Central Vein, Percutaneous Approach, New Technology Group 1	ICD-10-PCS	Procedure
Ampicillin Administration			
J0290	Injection, ampicillin sodium, 500 mg	HCPCS	Procedure
J0295	Injection, ampicillin sodium/sulbactam sodium, per 1.5 g	HCPCS	Procedure
Cefotaxime Administration			
J0698	Injection, cefotaxime sodium, per g	Procedure	Procedure
Any Corticosteroid			
83491	Hydroxycorticosteroids, 17- (17-OHCS)	CPT-4	Procedure
4135F	Systemic corticosteroids prescribed (OME)	CPT-2	Procedure

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Code	Description	Code Type	Code Category
G8859	Patient receiving corticosteroids greater than or equal to 10 mg/day for 60 or greater consecutive days	HCPCS	Procedure
G8860	Patients who have received dose of corticosteroids greater than or equal to 10 mg/day for 60 or greater consecutive days	HCPCS	Procedure
G9467	Patients who have received or are receiving corticosteroids greater than or equal to 10 mg/day of prednisone equivalents for 60 or greater consecutive days or a single prescription equating to 600 mg prednisone or greater for all fills within the last twelve months	HCPCS	Procedure
G9469	Patients who have received or are receiving corticosteroids greater than or equal to 10 mg/day of prednisone equivalents for 90 or greater consecutive days or a single prescription equating to 900 mg prednisone or greater for all fills	HCPCS	Procedure
J0702	Injection, betamethasone acetate 3 mg and betamethasone sodium phosphate 3 mg	HCPCS	Procedure
J1020	Injection, methylprednisolone acetate, 20 mg	HCPCS	Procedure
J1030	Injection, methylprednisolone acetate, 40 mg	HCPCS	Procedure
J1040	Injection, methylprednisolone acetate, 80 mg	HCPCS	Procedure
J1094	Injection, dexamethasone acetate, 1 mg	HCPCS	Procedure
J1100	Injection, dexamethasone sodium phosphate, 1 mg	HCPCS	Procedure
J1700	Injection, hydrocortisone acetate, up to 25 mg	HCPCS	Procedure
J1710	Injection, hydrocortisone sodium phosphate, up to 50 mg	HCPCS	Procedure
J1720	Injection, hydrocortisone sodium succinate, up to 100 mg	HCPCS	Procedure
J2920	Injection, methylprednisolone sodium succinate, up to 40 mg	HCPCS	Procedure
J2930	Injection, methylprednisolone sodium succinate, up to 125 mg	HCPCS	Procedure
J3300	Injection, triamcinolone acetonide, preservative free, 1 mg	HCPCS	Procedure
J3301	Injection, triamcinolone acetonide, not otherwise specified, 10 mg	HCPCS	Procedure
J3302	Injection, triamcinolone diacetate, per 5 mg	HCPCS	Procedure
J3303	Injection, triamcinolone hexacetonide, per 5 mg	HCPCS	Procedure
J3304	Injection, triamcinolone acetonide, preservative-free, extended-release, microsphere formulation, 1 mg	HCPCS	Procedure
J7509	Methylprednisolone, oral, per 4 mg	HCPCS	Procedure
J7510	Prednisolone, oral, per 5 mg	HCPCS	Procedure
J7512	Prednisone, immediate release or delayed release, oral, 1 mg	HCPCS	Procedure
S9490	Home infusion therapy, corticosteroid infusion; administrative services, professional pharmacy services, care coordination, and all necessary supplies and equipment (drugs and nursing visits coded separately), per diem	HCPCS	Procedure
Gentamicin Administration			
J1580	Injection, garamycin, gentamicin, up to 80 mg	HCPCS	Procedure
Any Opioid			
80362	Opioids and opiate analogs; 1 or 2	CPT-4	Procedure
80363	Opioids and opiate analogs; 3 or 4	CPT-4	Procedure
80364	Opioids and opiate analogs; 5 or more	CPT-4	Procedure

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Code	Description	Code Type	Code Category
0078U	Pain management (opioid-use disorder) genotyping panel, 16 common variants (ie, ABCB1, COMT, DAT1, DBH, DOR, DRD1, DRD2, DRD4, GABA, GAL, HTR2A, HTTLPR, MTHFR, MUOR, OPRK1, OPRM1), buccal swab or other germline tissue sample, algorithm reported as positive or negative risk of opioid-use disorder	CPT-4	Procedure
4306F	Patient counseled regarding psychosocial and pharmacologic treatment options for opioid addiction (SUD)	CPT-2	Procedure
G9562	Patients who had a follow-up evaluation conducted at least every three months during opioid therapy	HCPCS	Procedure
G9578	Documentation of signed opioid treatment agreement at least once during opioid therap	HCPCS	Procedure
J0570	Buprenorphine implant, 74.2 mg	HCPCS	Procedure
J0571	Buprenorphine, oral, 1 mg	HCPCS	Procedure
J0572	Buprenorphine/naloxone, oral, less than or equal to 3 mg buprenorphine	HCPCS	Procedure
J0573	Buprenorphine/naloxone, oral, greater than 3 mg, but less than or equal to 6 mg buprenorphine	HCPCS	Procedure
J0574	Buprenorphine/naloxone, oral, greater than 6 mg, but less than or equal to 10 mg buprenorphine	HCPCS	Procedure
J0575	Buprenorphine/naloxone, oral, greater than 10 mg buprenorphine	HCPCS	Procedure
J0592	Injection, buprenorphine HCl, 0.1 mg	HCPCS	Procedure
J0595	Injection, butorphanol tartrate, 1 mg	HCPCS	Procedure
J0745	Injection, codeine phosphate, per 30 mg	HCPCS	Procedure
J1230	Injection, methadone HCl, up to 10 mg	HCPCS	Procedure
J1960	Injection, levorphanol tartrate, up to 2 mg	HCPCS	Procedure
J2175	Injection, meperidine HCl, per 100 mg	HCPCS	Procedure
J2180	Injection, meperidine and promethazine HCl, up to 50 mg	HCPCS	Procedure
J2270	Injection, morphine sulfate, up to 10 mg	HCPCS	Procedure
J2274	Injection, morphine sulfate, preservative free for epidural or intrathecal use, 10 mg	HCPCS	Procedure
J2410	Injection, oxymorphone HCl, up to 1 mg	HCPCS	Procedure
J3010	Injection, fentanyl citrate, 0.1 mg	HCPCS	Procedure
J3070	Injection, pentazocine, 30 mg	HCPCS	Procedure
Any Surfactant			
94610	Intrapulmonary Any surfactant by a physician or other qualified health care professional through endotracheal tube	CPT-4	Procedure
Any Vitamin			
A9152	Single vitamin/mineral/trace element, oral, per dose, not otherwise specified	HCPCS	Procedure
A9153	Multiple vitamins, with or without minerals and trace elements, oral, per dose, not otherwise specified	HCPCS	Procedure
B4149	Enteral formula, manufactured blenderized natural foods with intact nutrients, includes proteins, fats, carbohydrates, vitamins and minerals, may include fiber, administered through an enteral feeding tube, 100 calories = 1 unit	HCPCS	Procedure

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Code	Description	Code Type	Code Category
B4150	Enteral formula, nutritionally complete with intact nutrients, includes proteins, fats, carbohydrates, vitamins and minerals, may include fiber, administered through an enteral feeding tube, 100 calories = 1 unit	HCPCS	Procedure
B4152	Enteral formula, nutritionally complete, calorically dense (equal to or greater than 1.5 kcal/ml) with intact nutrients, includes proteins, fats, carbohydrates, vitamins and minerals, may include fiber, administered through an enteral feeding tube, 100 calories = 1 unit	HCPCS	Procedure
B4153	Enteral formula, nutritionally complete, hydrolyzed proteins (amino acids and peptide chain), includes fats, carbohydrates, vitamins and minerals, may include fiber, administered through an enteral feeding tube, 100 calories = 1 unit	HCPCS	Procedure
B4154	Enteral formula, nutritionally complete, for special metabolic needs, excludes inherited disease of metabolism, includes altered composition of proteins, fats, carbohydrates, vitamins and/or minerals, may include fiber, administered through an enteral feeding tube, 100 calories = 1 unit	HCPCS	Procedure
B4157	Enteral formula, nutritionally complete, for special metabolic needs for inherited disease of metabolism, includes proteins, fats, carbohydrates, vitamins and minerals, may include fiber, administered through an enteral feeding tube, 100 calories = 1 unit	HCPCS	Procedure
B4158	Enteral formula, for pediatrics, nutritionally complete with intact nutrients, includes proteins, fats, carbohydrates, vitamins and minerals, may include fiber and/or iron, administered through an enteral feeding tube, 100 calories = 1 unit	HCPCS	Procedure
B4159	Enteral formula, for pediatrics, nutritionally complete soy based with intact nutrients, includes proteins, fats, carbohydrates, vitamins and minerals, may include fiber and/or iron, administered through an enteral feeding tube, 100 calories = 1 unit	HCPCS	Procedure
B4160	Enteral formula, for pediatrics, nutritionally complete calorically dense (equal to or greater than 0.7 kcal/ml) with intact nutrients, includes proteins, fats, carbohydrates, vitamins and minerals, may include fiber, administered through an enteral feeding tube, 100 calories = 1 unit	HCPCS	Procedure
B4161	Enteral formula, for pediatrics, hydrolyzed/amino acids and peptide chain proteins, includes fats, carbohydrates, vitamins and minerals, may include fiber, administered through an enteral feeding tube, 100 calories = 1 unit	HCPCS	Procedure
B4162	Enteral formula, for pediatrics, special metabolic needs for inherited disease of metabolism, includes proteins, fats, carbohydrates, vitamins and minerals, may include fiber, administered through an enteral feeding tube, 100 calories = 1 unit	HCPCS	Procedure
B4189	Parenteral nutrition solution: compounded amino acid and carbohydrates with electrolytes, trace elements, and vitamins, including preparation, any strength, 10 to 51 g of protein, premix	HCPCS	Procedure
B4193	Parenteral nutrition solution: compounded amino acid and carbohydrates with electrolytes, trace elements, and vitamins, including preparation, any strength, 52 to 73 g of protein, premix	HCPCS	Procedure

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Code	Description	Code Type	Code Category
B4197	Parenteral nutrition solution; compounded amino acid and carbohydrates with electrolytes, trace elements and vitamins, including preparation, any strength, 74 to 100 g of protein - premix	HCPCS	Procedure
B4199	Parenteral nutrition solution; compounded amino acid and carbohydrates with electrolytes, trace elements and vitamins, including preparation, any strength, over 100 g of protein - premix	HCPCS	Procedure
B4216	Parenteral nutrition; additives (vitamins, trace elements, Heparin, electrolytes), home mix, per day	HCPCS	Procedure
B5000	Parenteral nutrition solution: compounded amino acid and carbohydrates with electrolytes, trace elements, and vitamins, including preparation, any strength, renal - Amirosyn RF, NephroAmine, RenAmine - premix	HCPCS	Procedure
B5100	Parenteral nutrition solution compounded amino acid and carbohydrates with electrolytes, trace elements, and vitamins, including preparation, any strength, hepatic-HepatAmine-premix	HCPCS	Procedure
B5200	Parenteral nutrition solution compounded amino acid and carbohydrates with electrolytes, trace elements, and vitamins, including preparation, any strength, stress-branch chain amino acids-FreAmine-HBC-premix	HCPCS	Procedure
J0604	Cinacalcet, oral, 1 mg, (for ESRD on dialysis)	HCPCS	Procedure
J3411	Injection, thiamine HCl, 100 mg	HCPCS	Procedure
J3415	Injection, pyridoxine HCl, 100 mg	HCPCS	Procedure
J3420	Injection, vitamin B-12 cyanocobalamin, up to 1,000 mcg	HCPCS	Procedure
J3430	Injection, phytonadione (vitamin K), per 1 mg	HCPCS	Procedure
J3570	Laetrile, amygdalin, vitamin B-17	HCPCS	Procedure
S0194	Dialysis/stress vitamin supplement, oral, 100 capsules	HCPCS	Procedure
S0197	Prenatal vitamins, 30-day supply	HCPCS	Procedure
Any Vitamin K			
J3430	Injection, phytonadione (vitamin K), per 1 mg	HCPCS	Procedure
Bronchopulmonary Dysplasia			
770.7	Chronic respiratory disease arising in the perinatal period	ICD-9-CM	Diagnosis
P27.1	Bronchopulmonary dysplasia originating in the perinatal period	ICD-10-CM	Diagnosis
Fetal Alcohol Syndrome			
760.71	Noxious influences affecting fetus or newborn via placenta or breast milk, alcohol	ICD-9-CM	Diagnosis
P04.3	Newborn affected by maternal use of alcohol	ICD-10-CM	Diagnosis
Q86.0	Fetal alcohol syndrome (dysmorphic)	ICD-10-CM	Diagnosis
Low Birth Weight			
P07	Disorders of newborn related to short gestation and Low birth weight, not elsewhere cla:	ICD-10-CM	Diagnosis
P07.0	Extremely Low birth weight newborn	ICD-10-CM	Diagnosis
P07.00	Extremely Low birth weight newborn, unspecified weight	ICD-10-CM	Diagnosis
P07.01	Extremely Low birth weight newborn, less than 500 grams	ICD-10-CM	Diagnosis
P07.02	Extremely Low birth weight newborn, 500-749 grams	ICD-10-CM	Diagnosis
P07.03	Extremely Low birth weight newborn, 750-999 grams	ICD-10-CM	Diagnosis
P07.1	Other Low birth weight newborn	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
P07.10	Other Low birth weight newborn, unspecified weight	ICD-10-CM	Diagnosis
P07.14	Other Low birth weight newborn, 1000-1249 grams	ICD-10-CM	Diagnosis
P07.15	Other Low birth weight newborn, 1250-1499 grams	ICD-10-CM	Diagnosis
P07.16	Other Low birth weight newborn, 1500-1749 grams	ICD-10-CM	Diagnosis
P07.17	Other Low birth weight newborn, 1750-1999 grams	ICD-10-CM	Diagnosis
P07.18	Other Low birth weight newborn, 2000-2499 grams	ICD-10-CM	Diagnosis
765.00	Extreme fetal immaturity, unspecified (weight)	ICD-9-CM	Diagnosis
765.01	Extreme fetal immaturity, less than 500 grams	ICD-9-CM	Diagnosis
765.02	Extreme fetal immaturity, 500-749 grams	ICD-9-CM	Diagnosis
765.03	Extreme fetal immaturity, 750-999 grams	ICD-9-CM	Diagnosis
765.04	Extreme fetal immaturity, 1,000-1,249 grams	ICD-9-CM	Diagnosis
765.05	Extreme fetal immaturity, 1,250-1,499 grams	ICD-9-CM	Diagnosis
765.06	Extreme fetal immaturity, 1,500-1,749 grams	ICD-9-CM	Diagnosis
765.07	Extreme fetal immaturity, 1,750-1,999 grams	ICD-9-CM	Diagnosis
765.08	Extreme fetal immaturity, 2,000-2,499 grams	ICD-9-CM	Diagnosis
765.10	Other preterm infants, unspecified (weight)	ICD-9-CM	Diagnosis
765.11	Other preterm infants, less than 500 grams	ICD-9-CM	Diagnosis
765.12	Other preterm infants, 500-749 grams	ICD-9-CM	Diagnosis
765.13	Other preterm infants, 750-999 grams	ICD-9-CM	Diagnosis
765.14	Other preterm infants, 1,000-1,249 grams	ICD-9-CM	Diagnosis
765.15	Other preterm infants, 1,250-1,499 grams	ICD-9-CM	Diagnosis
765.16	Other preterm infants, 1,500-1,749 grams	ICD-9-CM	Diagnosis
765.17	Other preterm infants, 1,750-1,999 grams	ICD-9-CM	Diagnosis
765.18	Other preterm infants, 2,000-2,499 grams	ICD-9-CM	Diagnosis
V21.30	Low birth weight status, unspecified	ICD-9-CM	Diagnosis
V21.31	Low birth weight status, less than 500 grams	ICD-9-CM	Diagnosis
V21.32	Low birth weight status, 500-999 grams	ICD-9-CM	Diagnosis
V21.32	Low birth weight status, 500-999 grams	ICD-9-CM	Diagnosis
V21.33	Low birth weight status, 1000-1499 grams	ICD-9-CM	Diagnosis
V21.33	Low birth weight status, 1000-1499 grams	ICD-9-CM	Diagnosis
V21.34	Low birth weight status, 1500-1999 grams	ICD-9-CM	Diagnosis
V21.34	Low birth weight status, 1500-1999 grams	ICD-9-CM	Diagnosis
V21.35	Low birth weight status, 2000-2500 grams	ICD-9-CM	Diagnosis
Necrotizing Enterocolitis			
777.5	Necrotizing enterocolitis in newborn	ICD-9-CM	Diagnosis
777.50	Necrotizing enterocolitis in newborn, unspecified	ICD-9-CM	Diagnosis
777.51	Stage I necrotizing enterocolitis in newborn	ICD-9-CM	Diagnosis
777.52	Stage II necrotizing enterocolitis in newborn	ICD-9-CM	Diagnosis
777.53	Stage III necrotizing enterocolitis in newborn	ICD-9-CM	Diagnosis
P77.1	Stage 1 necrotizing enterocolitis in newborn	ICD-10-CM	Diagnosis
P77.2	Stage 2 necrotizing enterocolitis in newborn	ICD-10-CM	Diagnosis
P77.3	Stage 3 necrotizing enterocolitis in newborn	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
P77.9	Necrotizing enterocolitis in newborn, unspecified	ICD-10-CM	Diagnosis
Neonatal Abstinence Syndrome			
P96.1	Neonatal withdrawal symptoms from maternal use of drugs of addiction	ICD-10-CM	Diagnosis
779.5	Drug withdrawal syndrome in newborn	ICD-9-CM	Diagnosis
760.72	Noxious influences affecting fetus or newborn via placenta or breast milk, narcotics	ICD-9-CM	Diagnosis
760.73	Noxious influences affecting fetus or newborn via placenta or breast milk, hallucinogenic	ICD-9-CM	Diagnosis
P04.49	Newborn affected by maternal use of other drugs of addiction	ICD-10-CM	Diagnosis
Neonatal Sepsis			
771.81	Septicemia (sepsis) of newborn	ICD-09-CM	Diagnosis
P36	Bacterial sepsis of newborn	ICD-10-CM	Diagnosis
Retinopathy of Prematurity			
362.20	Retinopathy of prematurity, unspecified	ICD-09-CM	Diagnosis
362.21	Retrolental fibroplasia	ICD-09-CM	Diagnosis
362.22	Retinopathy of prematurity, stage 0	ICD-09-CM	Diagnosis
362.23	Retinopathy of prematurity, stage 1	ICD-09-CM	Diagnosis
362.24	Retinopathy of prematurity, stage 2	ICD-09-CM	Diagnosis
362.25	Retinopathy of prematurity, stage 3	ICD-09-CM	Diagnosis
362.26	Retinopathy of prematurity, stage 4	ICD-09-CM	Diagnosis
362.27	Retinopathy of prematurity, stage 5	ICD-09-CM	Diagnosis
H35.1	Retinopathy of prematurity	ICD-10-CM	Diagnosis
H35.10	Retinopathy of prematurity, unspecified	ICD-10-CM	Diagnosis
H35.101	Retinopathy of prematurity, unspecified, right eye	ICD-10-CM	Diagnosis
H35.102	Retinopathy of prematurity, unspecified, left eye	ICD-10-CM	Diagnosis
H35.103	Retinopathy of prematurity, unspecified, bilateral	ICD-10-CM	Diagnosis
H35.109	Retinopathy of prematurity, unspecified, unspecified eye	ICD-10-CM	Diagnosis
H35.11	Retinopathy of prematurity, stage 0	ICD-10-CM	Diagnosis
H35.111	Retinopathy of prematurity, stage 0, right eye	ICD-10-CM	Diagnosis
H35.112	Retinopathy of prematurity, stage 0, left eye	ICD-10-CM	Diagnosis
H35.113	Retinopathy of prematurity, stage 0, bilateral	ICD-10-CM	Diagnosis
H35.119	Retinopathy of prematurity, stage 0, unspecified eye	ICD-10-CM	Diagnosis
H35.12	Retinopathy of prematurity, stage 1	ICD-10-CM	Diagnosis
H35.121	Retinopathy of prematurity, stage 1, right eye	ICD-10-CM	Diagnosis
H35.122	Retinopathy of prematurity, stage 1, left eye	ICD-10-CM	Diagnosis
H35.123	Retinopathy of prematurity, stage 1, bilateral	ICD-10-CM	Diagnosis
H35.129	Retinopathy of prematurity, stage 1, unspecified eye	ICD-10-CM	Diagnosis
H35.13	Retinopathy of prematurity, stage 2	ICD-10-CM	Diagnosis
H35.131	Retinopathy of prematurity, stage 2, right eye	ICD-10-CM	Diagnosis
H35.132	Retinopathy of prematurity, stage 2, left eye	ICD-10-CM	Diagnosis
H35.133	Retinopathy of prematurity, stage 2, bilateral	ICD-10-CM	Diagnosis
H35.139	Retinopathy of prematurity, stage 2, unspecified eye	ICD-10-CM	Diagnosis
H35.14	Retinopathy of prematurity, stage 3	ICD-10-CM	Diagnosis
H35.141	Retinopathy of prematurity, stage 3, right eye	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
H35.142	Retinopathy of prematurity, stage 3, left eye	ICD-10-CM	Diagnosis
H35.143	Retinopathy of prematurity, stage 3, bilateral	ICD-10-CM	Diagnosis
H35.149	Retinopathy of prematurity, stage 3, unspecified eye	ICD-10-CM	Diagnosis
H35.15	Retinopathy of prematurity, stage 4	ICD-10-CM	Diagnosis
H35.151	Retinopathy of prematurity, stage 4, right eye	ICD-10-CM	Diagnosis
H35.152	Retinopathy of prematurity, stage 4, left eye	ICD-10-CM	Diagnosis
H35.153	Retinopathy of prematurity, stage 4, bilateral	ICD-10-CM	Diagnosis
H35.159	Retinopathy of prematurity, stage 4, unspecified eye	ICD-10-CM	Diagnosis
H35.16	Retinopathy of prematurity, stage 5	ICD-10-CM	Diagnosis
H35.161	Retinopathy of prematurity, stage 5, right eye	ICD-10-CM	Diagnosis
H35.162	Retinopathy of prematurity, stage 5, left eye	ICD-10-CM	Diagnosis
H35.163	Retinopathy of prematurity, stage 5, bilateral	ICD-10-CM	Diagnosis
H35.169	Retinopathy of prematurity, stage 5, unspecified eye	ICD-10-CM	Diagnosis
Retinopathy of Prematurity			
769	Respiratory distress syndrome in newborn	ICD-09-CM	Diagnosis
P22.0	Respiratory distress syndrome of newborn	ICD-10-CM	Diagnosis
Allergies, Hypersensitivities, and Allergic Reactions			
477.0	Rhinitis due to pollen	ICD-09-CM	Diagnosis
477.1	Allergic rhinitis-food	ICD-09-CM	Diagnosis
477.2	Allergic rhinitis-cat/dog	ICD-09-CM	Diagnosis
477.8	Allergic rhinitis NEC	ICD-09-CM	Diagnosis
477.9	Allergic rhinitis NOS	ICD-09-CM	Diagnosis
472.0	Chronic rhinitis	ICD-09-CM	Diagnosis
472.2	Chronic nasopharyngitis	ICD-09-CM	Diagnosis
478.8	Upper respiratory tract hypersensitivity reaction, site unspecified	ICD-09-CM	Diagnosis
J30.0	Vasomotor rhinitis	ICD-10-CM	Diagnosis
J30.1	Allergic rhinitis due to pollen	ICD-10-CM	Diagnosis
J30.2	Other seasonal allergic rhinitis	ICD-10-CM	Diagnosis
J30.5	Allergic rhinitis due to food	ICD-10-CM	Diagnosis
J30.81	Allergic rhinitis due to animal (cat) (dog) hair and dander	ICD-10-CM	Diagnosis
J30.89	Other allergic rhinitis	ICD-10-CM	Diagnosis
J30.9	Allergic rhinitis, unspecified	ICD-10-CM	Diagnosis
J31.0	Chronic rhinitis	ICD-10-CM	Diagnosis
J31.1	Chronic nasopharyngitis	ICD-10-CM	Diagnosis
J39.3	Upper respiratory tract hypersensitivity reaction, site unspecified	ICD-10-CM	Diagnosis
K52.21	Food protein-induced enterocolitis syndrome	ICD-10-CM	Diagnosis
K52.22	Food protein-induced enteropathy	ICD-10-CM	Diagnosis
K52.29	Other allergic and dietetic gastroenteritis and colitis	ICD-10-CM	Diagnosis
L20.0	Besnier's prurigo	ICD-10-CM	Diagnosis
L20.81	Atopic neurodermatitis	ICD-10-CM	Diagnosis
L20.82	Flexural eczema	ICD-10-CM	Diagnosis
L20.84	Intrinsic (allergic) eczema	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
L20.89	Other atopic dermatitis	ICD-10-CM	Diagnosis
L20.9	Atopic dermatitis, unspecified	ICD-10-CM	Diagnosis
L22	Diaper dermatitis	ICD-10-CM	Diagnosis
L23.0	Allergic contact dermatitis due to metals	ICD-10-CM	Diagnosis
L23.1	Allergic contact dermatitis due to adhesives	ICD-10-CM	Diagnosis
L23.2	Allergic contact dermatitis due to cosmetics	ICD-10-CM	Diagnosis
L23.3	Allergic contact dermatitis due to drugs in contact with skin	ICD-10-CM	Diagnosis
L23.4	Allergic contact dermatitis due to dyes	ICD-10-CM	Diagnosis
L23.5	Allergic contact dermatitis due to other chemical products	ICD-10-CM	Diagnosis
L23.6	Allergic contact dermatitis due to food in contact with the skin	ICD-10-CM	Diagnosis
L23.7	Allergic contact dermatitis due to plants, except food	ICD-10-CM	Diagnosis
L23.81	Allergic contact dermatitis due to animal (cat) (dog) dander	ICD-10-CM	Diagnosis
L23.89	Allergic contact dermatitis due to other agents	ICD-10-CM	Diagnosis
L23.9	Allergic contact dermatitis, unspecified cause	ICD-10-CM	Diagnosis
L24.0	Irritant contact dermatitis due to detergents	ICD-10-CM	Diagnosis
L24.1	Irritant contact dermatitis due to oils and greases	ICD-10-CM	Diagnosis
L24.2	Irritant contact dermatitis due to solvents	ICD-10-CM	Diagnosis
L24.3	Irritant contact dermatitis due to cosmetics	ICD-10-CM	Diagnosis
L24.4	Irritant contact dermatitis due to drugs in contact with skin	ICD-10-CM	Diagnosis
L24.5	Irritant contact dermatitis due to other chemical products	ICD-10-CM	Diagnosis
L24.6	Irritant contact dermatitis due to food in contact with skin	ICD-10-CM	Diagnosis
L24.7	Irritant contact dermatitis due to plants, except food	ICD-10-CM	Diagnosis
L24.81	Irritant contact dermatitis due to metals	ICD-10-CM	Diagnosis
L24.89	Irritant contact dermatitis due to other agents	ICD-10-CM	Diagnosis
L24.9	Irritant contact dermatitis, unspecified cause	ICD-10-CM	Diagnosis
L25.0	Unspecified contact dermatitis due to cosmetics	ICD-10-CM	Diagnosis
L25.1	Unspecified contact dermatitis due to drugs in contact with skin	ICD-10-CM	Diagnosis
L25.2	Unspecified contact dermatitis due to dyes	ICD-10-CM	Diagnosis
L25.3	Unspecified contact dermatitis due to other chemical products	ICD-10-CM	Diagnosis
L25.4	Unspecified contact dermatitis due to food in contact with skin	ICD-10-CM	Diagnosis
L25.5	Unspecified contact dermatitis due to plants, except food	ICD-10-CM	Diagnosis
L25.8	Unspecified contact dermatitis due to other agents	ICD-10-CM	Diagnosis
L25.9	Unspecified contact dermatitis, unspecified cause	ICD-10-CM	Diagnosis
L27.0	Generalized skin eruption due to drugs and medicaments taken internally	ICD-10-CM	Diagnosis
L27.1	Localized skin eruption due to drugs and medicaments taken internally	ICD-10-CM	Diagnosis
L27.2	Dermatitis due to ingested food	ICD-10-CM	Diagnosis
L27.8	Dermatitis due to other substances taken internally	ICD-10-CM	Diagnosis
L27.9	Dermatitis due to unspecified substance taken internally	ICD-10-CM	Diagnosis
L50.0	Allergic urticaria	ICD-10-CM	Diagnosis
L50.1	Idiopathic urticaria	ICD-10-CM	Diagnosis
L50.2	Urticaria due to cold and heat	ICD-10-CM	Diagnosis
L50.3	Dermatographic urticaria	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
L50.4	Vibratory urticaria	ICD-10-CM	Diagnosis
L50.5	Cholinergic urticaria	ICD-10-CM	Diagnosis
L50.6	Contact urticaria	ICD-10-CM	Diagnosis
L50.8	Other urticaria	ICD-10-CM	Diagnosis
L50.9	Urticaria, unspecified	ICD-10-CM	Diagnosis
L56.1	Drug photoallergic response	ICD-10-CM	Diagnosis
T78.0	Anaphylactic reaction due to food	ICD-10-CM	Diagnosis
T78.00	Anaphylactic reaction due to unspecified food	ICD-10-CM	Diagnosis
T78.00XA	Anaphylactic reaction due to unspecified food, initial encounter	ICD-10-CM	Diagnosis
T78.00XD	Anaphylactic reaction due to unspecified food, subsequent encounter	ICD-10-CM	Diagnosis
T78.00XS	Anaphylactic reaction due to unspecified food, sequela	ICD-10-CM	Diagnosis
T78.01	Anaphylactic reaction due to peanuts	ICD-10-CM	Diagnosis
T78.01XA	Anaphylactic reaction due to peanuts, initial encounter	ICD-10-CM	Diagnosis
T78.01XD	Anaphylactic reaction due to peanuts, subsequent encounter	ICD-10-CM	Diagnosis
T78.01XS	Anaphylactic reaction due to peanuts, sequela	ICD-10-CM	Diagnosis
T78.02	Anaphylactic reaction due to shellfish (crustaceans)	ICD-10-CM	Diagnosis
T78.02XA	Anaphylactic reaction due to shellfish (crustaceans), initial encounter	ICD-10-CM	Diagnosis
T78.02XD	Anaphylactic reaction due to shellfish (crustaceans), subsequent encounter	ICD-10-CM	Diagnosis
T78.02XS	Anaphylactic reaction due to shellfish (crustaceans), sequela	ICD-10-CM	Diagnosis
T78.03	Anaphylactic reaction due to other fish	ICD-10-CM	Diagnosis
T78.03XA	Anaphylactic reaction due to other fish, initial encounter	ICD-10-CM	Diagnosis
T78.03XD	Anaphylactic reaction due to other fish, subsequent encounter	ICD-10-CM	Diagnosis
T78.03XS	Anaphylactic reaction due to other fish, sequela	ICD-10-CM	Diagnosis
T78.04	Anaphylactic reaction due to fruits and vegetables	ICD-10-CM	Diagnosis
T78.04XA	Anaphylactic reaction due to fruits and vegetables, initial encounter	ICD-10-CM	Diagnosis
T78.04XD	Anaphylactic reaction due to fruits and vegetables, subsequent encounter	ICD-10-CM	Diagnosis
T78.04XS	Anaphylactic reaction due to fruits and vegetables, sequela	ICD-10-CM	Diagnosis
T78.05	Anaphylactic reaction due to tree nuts and seeds	ICD-10-CM	Diagnosis
T78.05XA	Anaphylactic reaction due to tree nuts and seeds, initial encounter	ICD-10-CM	Diagnosis
T78.05XD	Anaphylactic reaction due to tree nuts and seeds, subsequent encounter	ICD-10-CM	Diagnosis
T78.05XS	Anaphylactic reaction due to tree nuts and seeds, sequela	ICD-10-CM	Diagnosis
T78.06	Anaphylactic reaction due to food additives	ICD-10-CM	Diagnosis
T78.06XA	Anaphylactic reaction due to food additives, initial encounter	ICD-10-CM	Diagnosis
T78.06XD	Anaphylactic reaction due to food additives, subsequent encounter	ICD-10-CM	Diagnosis
T78.06XS	Anaphylactic reaction due to food additives, sequela	ICD-10-CM	Diagnosis
T78.07	Anaphylactic reaction due to milk and dairy products	ICD-10-CM	Diagnosis
T78.07XA	Anaphylactic reaction due to milk and dairy products, initial encounter	ICD-10-CM	Diagnosis
T78.07XD	Anaphylactic reaction due to milk and dairy products, subsequent encounter	ICD-10-CM	Diagnosis
T78.07XS	Anaphylactic reaction due to milk and dairy products, sequela	ICD-10-CM	Diagnosis
T78.08	Anaphylactic reaction due to eggs	ICD-10-CM	Diagnosis
T78.08XA	Anaphylactic reaction due to eggs, initial encounter	ICD-10-CM	Diagnosis
T78.08XD	Anaphylactic reaction due to eggs, subsequent encounter	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
T78.08XS	Anaphylactic reaction due to eggs, sequela	ICD-10-CM	Diagnosis
T78.09	Anaphylactic reaction due to other food products	ICD-10-CM	Diagnosis
T78.09XA	Anaphylactic reaction due to other food products, initial encounter	ICD-10-CM	Diagnosis
T78.09XD	Anaphylactic reaction due to other food products, subsequent encounter	ICD-10-CM	Diagnosis
T78.09XS	Anaphylactic reaction due to other food products, sequela	ICD-10-CM	Diagnosis
T78.1XXA	Other adverse food reactions, not elsewhere classified, initial encounter	ICD-10-CM	Diagnosis
T78.2	Anaphylactic shock, unspecified	ICD-10-CM	Diagnosis
T78.2XXA	Anaphylactic shock, unspecified, initial encounter	ICD-10-CM	Diagnosis
T78.2XXD	Anaphylactic shock, unspecified, subsequent encounter	ICD-10-CM	Diagnosis
T78.2XXS	Anaphylactic shock, unspecified, sequela	ICD-10-CM	Diagnosis
T78.40	Allergy, unspecified	ICD-10-CM	Diagnosis
T78.40XD	Allergy, unspecified, subsequent encounter	ICD-10-CM	Diagnosis
T78.40XS	Allergy, unspecified, sequela	ICD-10-CM	Diagnosis
T80.5	Anaphylactic reaction due to serum	ICD-10-CM	Diagnosis
T80.51	Anaphylactic reaction due to administration of blood and blood products	ICD-10-CM	Diagnosis
T80.51XA	Anaphylactic reaction due to administration of blood and blood products, initial encounter	ICD-10-CM	Diagnosis
T80.51XD	Anaphylactic reaction due to administration of blood and blood products, subsequent encounter	ICD-10-CM	Diagnosis
T80.51XS	Anaphylactic reaction due to administration of blood and blood products, sequela	ICD-10-CM	Diagnosis
T80.52	Anaphylactic reaction due to vaccination	ICD-10-CM	Diagnosis
T80.52XA	Anaphylactic reaction due to vaccination, initial encounter	ICD-10-CM	Diagnosis
T80.52XD	Anaphylactic reaction due to vaccination, subsequent encounter	ICD-10-CM	Diagnosis
T80.52XS	Anaphylactic reaction due to vaccination, sequela	ICD-10-CM	Diagnosis
T80.59	Anaphylactic reaction due to other serum	ICD-10-CM	Diagnosis
T80.59XA	Anaphylactic reaction due to other serum, initial encounter	ICD-10-CM	Diagnosis
T80.59XD	Anaphylactic reaction due to other serum, subsequent encounter	ICD-10-CM	Diagnosis
T80.59XS	Anaphylactic reaction due to other serum, sequela	ICD-10-CM	Diagnosis
T88.6	Anaphylactic reaction due to adverse effect of correct drug or medicament properly administered	ICD-10-CM	Diagnosis
T88.6XXA	Anaphylactic reaction due to adverse effect of correct drug or medicament properly administered, initial encounter	ICD-10-CM	Diagnosis
T88.6XXD	Anaphylactic reaction due to adverse effect of correct drug or medicament properly administered, subsequent encounter	ICD-10-CM	Diagnosis
T88.6XXS	Anaphylactic reaction due to adverse effect of correct drug or medicament properly administered, sequela	ICD-10-CM	Diagnosis
Z01.82	Encounter for allergy testing	ICD-10-CM	Diagnosis
Z01.89	Encounter for other specified special examinations	ICD-10-CM	Diagnosis
Z51.6	Encounter for desensitization to allergens	ICD-10-CM	Diagnosis
Z87.892	Personal history of anaphylaxis	ICD-10-CM	Diagnosis
Z91.0	Allergy status, other than to drugs and biological substances	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
Z91.01	Food allergy status	ICD-10-CM	Diagnosis
Z91.03	Insect allergy status	ICD-10-CM	Diagnosis
Z91.04	Nonmedicinal substance allergy status	ICD-10-CM	Diagnosis
525.66	Allergy to existing dental restorative material	ICD-09-CM	Diagnosis
995.27	Other drug allergy	ICD-09-CM	Diagnosis
995.3	Allergy, unspecified not elsewhere classified	ICD-09-CM	Diagnosis
V14	Personal history of allergy to medicinal agents	ICD-09-CM	Diagnosis
V14.0	Personal history of allergy to penicillin	ICD-09-CM	Diagnosis
V14.1	Personal history of allergy to other antibiotic agent	ICD-09-CM	Diagnosis
V14.2	Personal history of allergy to sulfonamides	ICD-09-CM	Diagnosis
V14.3	Personal history of allergy to other anti-infective agent	ICD-09-CM	Diagnosis
V14.4	Personal history of allergy to anesthetic agent	ICD-09-CM	Diagnosis
V14.5	Personal history of allergy to narcotic agent	ICD-09-CM	Diagnosis
V14.6	Personal history of allergy to analgesic agent	ICD-09-CM	Diagnosis
V14.7	Personal history of allergy to serum or vaccine	ICD-09-CM	Diagnosis
V14.8	Personal history of allergy to other specified medicinal agents	ICD-09-CM	Diagnosis
V14.9	Personal history of allergy to unspecified medicinal agent	ICD-09-CM	Diagnosis
V15.0	Personal history of allergy, other than to medicinal agents, presenting hazards to health	ICD-09-CM	Diagnosis
V15.01	Personal history of allergy to peanuts	ICD-09-CM	Diagnosis
V15.02	Personal history of allergy to milk products	ICD-09-CM	Diagnosis
V15.03	Personal history of allergy to eggs	ICD-09-CM	Diagnosis
V15.04	Personal history of allergy to seafood	ICD-09-CM	Diagnosis
V15.05	Personal history of allergy to other foods	ICD-09-CM	Diagnosis
V15.06	Allergy to insects and arachnids	ICD-09-CM	Diagnosis
V15.07	Personal history of allergy to latex	ICD-09-CM	Diagnosis
V15.08	Personal history of allergy to radiographic dye	ICD-09-CM	Diagnosis
V15.09	Personal history of other allergy, other than to medicinal agents	ICD-09-CM	Diagnosis
V64.04	Vaccination not carried out because of allergy to vaccine or component	ICD-09-CM	Diagnosis
999.41	Anaphylactic reaction due to administration of blood and blood products	ICD-09-CM	Diagnosis
995.62	Anaphylactic reaction due to crustaceans	ICD-09-CM	Diagnosis
995.68	Anaphylactic reaction due to eggs	ICD-09-CM	Diagnosis
995.65	Anaphylactic reaction due to fish	ICD-09-CM	Diagnosis
995.6	Anaphylactic reaction due to food	ICD-09-CM	Diagnosis
995.66	Anaphylactic reaction due to food additives	ICD-09-CM	Diagnosis
995.63	Anaphylactic reaction due to fruits and vegetables	ICD-09-CM	Diagnosis
995.67	Anaphylactic reaction due to milk products	ICD-09-CM	Diagnosis
995.69	Anaphylactic reaction due to other specified food	ICD-09-CM	Diagnosis
999.49	Anaphylactic reaction due to other serum	ICD-09-CM	Diagnosis
995.61	Anaphylactic reaction due to peanuts	ICD-09-CM	Diagnosis
999.4	Anaphylactic reaction due to serum	ICD-09-CM	Diagnosis
995.64	Anaphylactic reaction due to tree nuts and seeds	ICD-09-CM	Diagnosis
995.60	Anaphylactic reaction due to unspecified food	ICD-09-CM	Diagnosis

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Code	Description	Code Type	Code Category
999.42	Anaphylactic reaction due to vaccination	ICD-09-CM	Diagnosis
995.0	Other anaphylactic reaction	ICD-09-CM	Diagnosis
V13.81	Personal history of anaphylaxis	ICD-09-CM	Diagnosis
Anemia			
280.0	Iron deficiency anemia secondary to blood loss (chronic)	ICD-09-CM	Diagnosis
280.1	Iron deficiency anemia secondary to inadequate dietary iron intake	ICD-09-CM	Diagnosis
280.8	Other specified iron deficiency anemias	ICD-09-CM	Diagnosis
280.9	Unspecified iron deficiency anemia	ICD-09-CM	Diagnosis
281.0	Pernicious anemia	ICD-09-CM	Diagnosis
281.1	Other vitamin B12 deficiency anemia	ICD-09-CM	Diagnosis
281.2	Folate-deficiency anemia	ICD-09-CM	Diagnosis
281.3	Other specified megaloblastic anemias not elsewhere classified	ICD-09-CM	Diagnosis
281.4	Protein-deficiency anemia	ICD-09-CM	Diagnosis
281.8	Anemia associated with other specified nutritional deficiency	ICD-09-CM	Diagnosis
281.9	Unspecified deficiency anemia	ICD-09-CM	Diagnosis
282.0	Hereditary spherocytosis	ICD-09-CM	Diagnosis
282.1	Hereditary elliptocytosis	ICD-09-CM	Diagnosis
282.2	Anemias due to disorders of glutathione metabolism	ICD-09-CM	Diagnosis
282.3	Other hemolytic anemias due to enzyme deficiency	ICD-09-CM	Diagnosis
282.40	Thalassemia, unspecified	ICD-09-CM	Diagnosis
282.41	Sickle-cell thalassemia without crisis	ICD-09-CM	Diagnosis
282.42	Sickle-cell thalassemia with crisis	ICD-09-CM	Diagnosis
282.43	Alpha thalassemia	ICD-09-CM	Diagnosis
282.44	Beta thalassemia	ICD-09-CM	Diagnosis
282.45	Delta-beta thalassemia	ICD-09-CM	Diagnosis
282.46	Thalassemia minor	ICD-09-CM	Diagnosis
282.47	Hemoglobin E-beta thalassemia	ICD-09-CM	Diagnosis
282.49	Other thalassemia	ICD-09-CM	Diagnosis
282.5	Sickle-cell trait	ICD-09-CM	Diagnosis
282.60	Sickle-cell disease, unspecified	ICD-09-CM	Diagnosis
282.61	Hb-SS disease without crisis	ICD-09-CM	Diagnosis
282.62	Hb-SS disease with crisis	ICD-09-CM	Diagnosis
282.63	Sickle-cell/Hb-C disease without crisis	ICD-09-CM	Diagnosis
282.64	Sickle-cell/Hb-C disease with crisis	ICD-09-CM	Diagnosis
282.68	Other sickle-cell disease without crisis	ICD-09-CM	Diagnosis
282.69	Other sickle-cell disease with crisis	ICD-09-CM	Diagnosis
282.7	Other hemoglobinopathies	ICD-09-CM	Diagnosis
282.8	Other specified hereditary hemolytic anemias	ICD-09-CM	Diagnosis
282.9	Unspecified hereditary hemolytic anemia	ICD-09-CM	Diagnosis
283.0	Autoimmune hemolytic anemias	ICD-09-CM	Diagnosis
283.10	Unspecified non-autoimmune hemolytic anemia	ICD-09-CM	Diagnosis
283.11	Hemolytic-uremic syndrome	ICD-09-CM	Diagnosis

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Code	Description	Code Type	Code Category
283.19	Other non-autoimmune hemolytic anemias	ICD-09-CM	Diagnosis
283.2	Hemoglobinuria due to hemolysis from external causes	ICD-09-CM	Diagnosis
283.9	Acquired hemolytic anemia, unspecified	ICD-09-CM	Diagnosis
284.01	Constitutional red blood cell aplasia	ICD-09-CM	Diagnosis
284.09	Other constitutional aplastic anemia	ICD-09-CM	Diagnosis
284.11	Antineoplastic chemotherapy induced pancytopenia	ICD-09-CM	Diagnosis
284.12	Other drug induced pancytopenia	ICD-09-CM	Diagnosis
284.19	Other pancytopenia	ICD-09-CM	Diagnosis
284.2	Myelophthisis	ICD-09-CM	Diagnosis
284.81	Red cell aplasia (acquired) (adult) (with thymoma)	ICD-09-CM	Diagnosis
284.89	Other specified aplastic anemias	ICD-09-CM	Diagnosis
284.9	Unspecified aplastic anemia	ICD-09-CM	Diagnosis
285.0	Sideroblastic anemia	ICD-09-CM	Diagnosis
285.1	Acute posthemorrhagic anemia	ICD-09-CM	Diagnosis
285.21	Anemia in chronic kidney disease	ICD-09-CM	Diagnosis
285.22	Anemia in neoplastic disease	ICD-09-CM	Diagnosis
285.29	Anemia of other chronic disease	ICD-09-CM	Diagnosis
285.3	Antineoplastic chemotherapy induced anemia	ICD-09-CM	Diagnosis
285.8	Other specified anemias	ICD-09-CM	Diagnosis
285.9	Unspecified anemia	ICD-09-CM	Diagnosis
D50.0	Iron deficiency anemia secondary to blood loss (chronic)	ICD-10-CM	Diagnosis
D50.1	Sideropenic dysphagia	ICD-10-CM	Diagnosis
D50.8	Other iron deficiency anemias	ICD-10-CM	Diagnosis
D50.9	Iron deficiency anemia, unspecified	ICD-10-CM	Diagnosis
D51.0	Vitamin B12 deficiency anemia due to intrinsic factor deficiency	ICD-10-CM	Diagnosis
D51.1	Vitamin B12 deficiency anemia due to selective vitamin B12 malabsorption with proteinu	ICD-10-CM	Diagnosis
D51.2	Transcobalamin II deficiency	ICD-10-CM	Diagnosis
D51.3	Other dietary vitamin B12 deficiency anemia	ICD-10-CM	Diagnosis
D51.8	Other vitamin B12 deficiency anemias	ICD-10-CM	Diagnosis
D51.9	Vitamin B12 deficiency anemia, unspecified	ICD-10-CM	Diagnosis
D52.0	Dietary folate deficiency anemia	ICD-10-CM	Diagnosis
D52.1	Drug-induced folate deficiency anemia	ICD-10-CM	Diagnosis
D52.8	Other folate deficiency anemias	ICD-10-CM	Diagnosis
D52.9	Folate deficiency anemia, unspecified	ICD-10-CM	Diagnosis
D53.0	Protein deficiency anemia	ICD-10-CM	Diagnosis
D53.1	Other megaloblastic anemias, not elsewhere classified	ICD-10-CM	Diagnosis
D53.2	Scorbutic anemia	ICD-10-CM	Diagnosis
D53.8	Other specified nutritional anemias	ICD-10-CM	Diagnosis
D53.9	Nutritional anemia, unspecified	ICD-10-CM	Diagnosis
D55.0	Anemia due to glucose-6-phosphate dehydrogenase [G6PD] deficiency	ICD-10-CM	Diagnosis
D55.1	Anemia due to other disorders of glutathione metabolism	ICD-10-CM	Diagnosis
D55.2	Anemia due to disorders of glycolytic enzymes	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
D55.3	Anemia due to disorders of nucleotide metabolism	ICD-10-CM	Diagnosis
D55.8	Other anemias due to enzyme disorders	ICD-10-CM	Diagnosis
D55.9	Anemia due to enzyme disorder, unspecified	ICD-10-CM	Diagnosis
D56.0	Alpha thalassemia	ICD-10-CM	Diagnosis
D56.1	Beta thalassemia	ICD-10-CM	Diagnosis
D56.2	Delta-beta thalassemia	ICD-10-CM	Diagnosis
D56.3	Thalassemia minor	ICD-10-CM	Diagnosis
D56.4	Hereditary persistence of fetal hemoglobin [HPFH]	ICD-10-CM	Diagnosis
D56.5	Hemoglobin E-beta thalassemia	ICD-10-CM	Diagnosis
D56.8	Other thalassemias	ICD-10-CM	Diagnosis
D56.9	Thalassemia, unspecified	ICD-10-CM	Diagnosis
D57.00	Hb-SS disease with crisis, unspecified	ICD-10-CM	Diagnosis
D57.01	Hb-SS disease with acute chest syndrome	ICD-10-CM	Diagnosis
D57.02	Hb-SS disease with splenic sequestration	ICD-10-CM	Diagnosis
D57.1	Sickle-cell disease without crisis	ICD-10-CM	Diagnosis
D57.20	Sickle-cell/Hb-C disease without crisis	ICD-10-CM	Diagnosis
D57.211	Sickle-cell/Hb-C disease with acute chest syndrome	ICD-10-CM	Diagnosis
D57.212	Sickle-cell/Hb-C disease with splenic sequestration	ICD-10-CM	Diagnosis
D57.219	Sickle-cell/Hb-C disease with crisis, unspecified	ICD-10-CM	Diagnosis
D57.3	Sickle-cell trait	ICD-10-CM	Diagnosis
D57.40	Sickle-cell thalassemia without crisis	ICD-10-CM	Diagnosis
D57.411	Sickle-cell thalassemia, unspecified, with acute chest syndrome	ICD-10-CM	Diagnosis
D57.412	Sickle-cell thalassemia, unspecified, with splenic sequestration	ICD-10-CM	Diagnosis
D57.419	Sickle-cell thalassemia, unspecified, with crisis	ICD-10-CM	Diagnosis
D57.80	Other sickle-cell disorders without crisis	ICD-10-CM	Diagnosis
D57.811	Other sickle-cell disorders with acute chest syndrome	ICD-10-CM	Diagnosis
D57.812	Other sickle-cell disorders with splenic sequestration	ICD-10-CM	Diagnosis
D57.819	Other sickle-cell disorders with crisis, unspecified	ICD-10-CM	Diagnosis
D58.0	Hereditary spherocytosis	ICD-10-CM	Diagnosis
D58.1	Hereditary elliptocytosis	ICD-10-CM	Diagnosis
D58.2	Other hemoglobinopathies	ICD-10-CM	Diagnosis
D58.8	Other specified hereditary hemolytic anemias	ICD-10-CM	Diagnosis
D58.9	Hereditary hemolytic anemia, unspecified	ICD-10-CM	Diagnosis
D59.0	Drug-induced autoimmune hemolytic anemia	ICD-10-CM	Diagnosis
D59.1	Other autoimmune hemolytic anemias	ICD-10-CM	Diagnosis
D59.2	Drug-induced nonautoimmune hemolytic anemia	ICD-10-CM	Diagnosis
D59.3	Hemolytic-uremic syndrome	ICD-10-CM	Diagnosis
D59.4	Other nonautoimmune hemolytic anemias	ICD-10-CM	Diagnosis
D59.5	Paroxysmal nocturnal hemoglobinuria [Marchiafava-Micheli]	ICD-10-CM	Diagnosis
D59.6	Hemoglobinuria due to hemolysis from other external causes	ICD-10-CM	Diagnosis
D59.8	Other acquired hemolytic anemias	ICD-10-CM	Diagnosis
D59.9	Acquired hemolytic anemia, unspecified	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
D60.0	Chronic acquired pure red cell aplasia	ICD-10-CM	Diagnosis
D60.1	Transient acquired pure red cell aplasia	ICD-10-CM	Diagnosis
D60.8	Other acquired pure red cell aplasias	ICD-10-CM	Diagnosis
D60.9	Acquired pure red cell aplasia, unspecified	ICD-10-CM	Diagnosis
D61.01	Constitutional (pure) red blood cell aplasia	ICD-10-CM	Diagnosis
D61.09	Other constitutional aplastic anemia	ICD-10-CM	Diagnosis
D61.1	Drug-induced aplastic anemia	ICD-10-CM	Diagnosis
D61.2	Aplastic anemia due to other external agents	ICD-10-CM	Diagnosis
D61.3	Idiopathic aplastic anemia	ICD-10-CM	Diagnosis
D61.810	Antineoplastic chemotherapy induced pancytopenia	ICD-10-CM	Diagnosis
D61.811	Other drug-induced pancytopenia	ICD-10-CM	Diagnosis
D61.818	Other pancytopenia	ICD-10-CM	Diagnosis
D61.82	Myelophthisis	ICD-10-CM	Diagnosis
D61.89	Other specified aplastic anemias and other bone marrow failure syndromes	ICD-10-CM	Diagnosis
D61.9	Aplastic anemia, unspecified	ICD-10-CM	Diagnosis
D62	Acute posthemorrhagic anemia	ICD-10-CM	Diagnosis
D63.0	Anemia in neoplastic disease	ICD-10-CM	Diagnosis
D63.1	Anemia in chronic kidney disease	ICD-10-CM	Diagnosis
D63.8	Anemia in other chronic diseases classified elsewhere	ICD-10-CM	Diagnosis
D64.0	Hereditary sideroblastic anemia	ICD-10-CM	Diagnosis
D64.1	Secondary sideroblastic anemia due to disease	ICD-10-CM	Diagnosis
D64.2	Secondary sideroblastic anemia due to drugs and toxins	ICD-10-CM	Diagnosis
D64.3	Other sideroblastic anemias	ICD-10-CM	Diagnosis
D64.4	Congenital dyserythropoietic anemia	ICD-10-CM	Diagnosis
D64.81	Anemia due to antineoplastic chemotherapy	ICD-10-CM	Diagnosis
D64.89	Other specified anemias	ICD-10-CM	Diagnosis
D64.9	Anemia, unspecified	ICD-10-CM	Diagnosis
Asthma			
493.00	Extrinsic asthma, unspecified	ICD-09-CM	Diagnosis
493.01	Extrinsic asthma with status asthmaticus	ICD-09-CM	Diagnosis
493.02	Extrinsic asthma, with (acute) exacerbation	ICD-09-CM	Diagnosis
493.10	Intrinsic asthma, unspecified	ICD-09-CM	Diagnosis
493.11	Intrinsic asthma with status asthmaticus	ICD-09-CM	Diagnosis
493.12	Intrinsic asthma, with (acute) exacerbation	ICD-09-CM	Diagnosis
493.20	Chronic obstructive asthma, unspecified	ICD-09-CM	Diagnosis
493.21	Chronic obstructive asthma with status asthmaticus	ICD-09-CM	Diagnosis
493.22	Chronic obstructive asthma, with (acute) exacerbation	ICD-09-CM	Diagnosis
493.81	Exercise induced bronchospasm	ICD-09-CM	Diagnosis
493.82	Cough variant asthma	ICD-09-CM	Diagnosis
493.90	Asthma, unspecified, unspecified status	ICD-09-CM	Diagnosis
493.91	Asthma, unspecified with status asthmaticus	ICD-09-CM	Diagnosis
493.92	Asthma, unspecified, with (acute) exacerbation	ICD-09-CM	Diagnosis

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Code	Description	Code Type	Code Category
J45.20	Mild intermittent asthma, uncomplicated	ICD-10-CM	Diagnosis
J45.21	Mild intermittent asthma with (acute) exacerbation	ICD-10-CM	Diagnosis
J45.22	Mild intermittent asthma with status asthmaticus	ICD-10-CM	Diagnosis
J45.30	Mild persistent asthma, uncomplicated	ICD-10-CM	Diagnosis
J45.31	Mild persistent asthma with (acute) exacerbation	ICD-10-CM	Diagnosis
J45.32	Mild persistent asthma with status asthmaticus	ICD-10-CM	Diagnosis
J45.40	Moderate persistent asthma, uncomplicated	ICD-10-CM	Diagnosis
J45.41	Moderate persistent asthma with (acute) exacerbation	ICD-10-CM	Diagnosis
J45.42	Moderate persistent asthma with status asthmaticus	ICD-10-CM	Diagnosis
J45.50	Severe persistent asthma, uncomplicated	ICD-10-CM	Diagnosis
J45.51	Severe persistent asthma with (acute) exacerbation	ICD-10-CM	Diagnosis
J45.52	Severe persistent asthma with status asthmaticus	ICD-10-CM	Diagnosis
J45.901	Unspecified asthma with (acute) exacerbation	ICD-10-CM	Diagnosis
J45.902	Unspecified asthma with status asthmaticus	ICD-10-CM	Diagnosis
J45.909	Unspecified asthma, uncomplicated	ICD-10-CM	Diagnosis
J45.990	Exercise induced bronchospasm	ICD-10-CM	Diagnosis
J45.991	Cough variant asthma	ICD-10-CM	Diagnosis
J45.998	Other asthma	ICD-10-CM	Diagnosis
Cancer of the Central Nervous System			
C70.0	Malignant neoplasm of cerebral meninges	ICD-10-CM	Diagnosis
C70.1	Malignant neoplasm of spinal meninges	ICD-10-CM	Diagnosis
C70.9	Malignant neoplasm of meninges, unspecified	ICD-10-CM	Diagnosis
C71.0	Malignant neoplasm of cerebrum, except lobes and ventricles	ICD-10-CM	Diagnosis
C71.1	Malignant neoplasm of frontal lobe	ICD-10-CM	Diagnosis
C71.2	Malignant neoplasm of temporal lobe	ICD-10-CM	Diagnosis
C71.3	Malignant neoplasm of parietal lobe	ICD-10-CM	Diagnosis
C71.4	Malignant neoplasm of occipital lobe	ICD-10-CM	Diagnosis
C71.5	Malignant neoplasm of cerebral ventricle	ICD-10-CM	Diagnosis
C71.6	Malignant neoplasm of cerebellum	ICD-10-CM	Diagnosis
C71.7	Malignant neoplasm of brain stem	ICD-10-CM	Diagnosis
C71.8	Malignant neoplasm of overlapping sites of brain	ICD-10-CM	Diagnosis
C71.9	Malignant neoplasm of brain, unspecified	ICD-10-CM	Diagnosis
C72.0	Malignant neoplasm of spinal cord	ICD-10-CM	Diagnosis
C72.1	Malignant neoplasm of cauda equina	ICD-10-CM	Diagnosis
Cancer of the Lymphoid, Hematopoietic Tissues			
C81	Hodgkin lymphoma	ICD-10-CM	Diagnosis
C81.0	Nodular lymphocyte predominant Hodgkin lymphoma	ICD-10-CM	Diagnosis
C81.00	Nodular lymphocyte predominant Hodgkin lymphoma, unspecified site	ICD-10-CM	Diagnosis
C81.01	Nodular lymphocyte predominant Hodgkin lymphoma, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C81.02	Nodular lymphocyte predominant Hodgkin lymphoma, intrathoracic lymph nodes	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
C81.03	Nodular lymphocyte predominant Hodgkin lymphoma, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C81.04	Nodular lymphocyte predominant Hodgkin lymphoma, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C81.05	Nodular lymphocyte predominant Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C81.06	Nodular lymphocyte predominant Hodgkin lymphoma, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C81.07	Nodular lymphocyte predominant Hodgkin lymphoma, spleen	ICD-10-CM	Diagnosis
C81.08	Nodular lymphocyte predominant Hodgkin lymphoma, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C81.09	Nodular lymphocyte predominant Hodgkin lymphoma, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C81.1	Nodular sclerosis Hodgkin lymphoma	ICD-10-CM	Diagnosis
C81.10	Nodular sclerosis Hodgkin lymphoma, unspecified site	ICD-10-CM	Diagnosis
C81.11	Nodular sclerosis Hodgkin lymphoma, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C81.12	Nodular sclerosis Hodgkin lymphoma, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C81.13	Nodular sclerosis Hodgkin lymphoma, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C81.14	Nodular sclerosis Hodgkin lymphoma, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C81.15	Nodular sclerosis Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C81.16	Nodular sclerosis Hodgkin lymphoma, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C81.17	Nodular sclerosis Hodgkin lymphoma, spleen	ICD-10-CM	Diagnosis
C81.18	Nodular sclerosis Hodgkin lymphoma, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C81.19	Nodular sclerosis Hodgkin lymphoma, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C81.2	Mixed cellularity Hodgkin lymphoma	ICD-10-CM	Diagnosis
C81.20	Mixed cellularity Hodgkin lymphoma, unspecified site	ICD-10-CM	Diagnosis
C81.21	Mixed cellularity Hodgkin lymphoma, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C81.22	Mixed cellularity Hodgkin lymphoma, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C81.23	Mixed cellularity Hodgkin lymphoma, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C81.24	Mixed cellularity Hodgkin lymphoma, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C81.25	Mixed cellularity Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C81.26	Mixed cellularity Hodgkin lymphoma, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C81.27	Mixed cellularity Hodgkin lymphoma, spleen	ICD-10-CM	Diagnosis
C81.28	Mixed cellularity Hodgkin lymphoma, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C81.29	Mixed cellularity Hodgkin lymphoma, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C81.3	Lymphocyte depleted Hodgkin lymphoma	ICD-10-CM	Diagnosis
C81.30	Lymphocyte depleted Hodgkin lymphoma, unspecified site	ICD-10-CM	Diagnosis
C81.31	Lymphocyte depleted Hodgkin lymphoma, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C81.32	Lymphocyte depleted Hodgkin lymphoma, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C81.33	Lymphocyte depleted Hodgkin lymphoma, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C81.34	Lymphocyte depleted Hodgkin lymphoma, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C81.35	Lymphocyte depleted Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C81.36	Lymphocyte depleted Hodgkin lymphoma, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C81.37	Lymphocyte depleted Hodgkin lymphoma, spleen	ICD-10-CM	Diagnosis
C81.38	Lymphocyte depleted Hodgkin lymphoma, lymph nodes of multiple sites	ICD-10-CM	Diagnosis

Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedural Classification System (ICD-10-PCS), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Type	Code Category
C81.39	Lymphocyte depleted Hodgkin lymphoma, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C81.4	Lymphocyte-rich Hodgkin lymphoma	ICD-10-CM	Diagnosis
C81.40	Lymphocyte-rich Hodgkin lymphoma, unspecified site	ICD-10-CM	Diagnosis
C81.41	Lymphocyte-rich Hodgkin lymphoma, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C81.42	Lymphocyte-rich Hodgkin lymphoma, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C81.43	Lymphocyte-rich Hodgkin lymphoma, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C81.44	Lymphocyte-rich Hodgkin lymphoma, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C81.45	Lymphocyte-rich Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C81.46	Lymphocyte-rich Hodgkin lymphoma, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C81.47	Lymphocyte-rich Hodgkin lymphoma, spleen	ICD-10-CM	Diagnosis
C81.48	Lymphocyte-rich Hodgkin lymphoma, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C81.49	Lymphocyte-rich Hodgkin lymphoma, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C81.7	Other Hodgkin lymphoma	ICD-10-CM	Diagnosis
C81.70	Other Hodgkin lymphoma, unspecified site	ICD-10-CM	Diagnosis
C81.71	Other Hodgkin lymphoma, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C81.72	Other Hodgkin lymphoma, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C81.73	Other Hodgkin lymphoma, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C81.74	Other Hodgkin lymphoma, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C81.75	Other Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C81.76	Other Hodgkin lymphoma, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C81.77	Other Hodgkin lymphoma, spleen	ICD-10-CM	Diagnosis
C81.78	Other Hodgkin lymphoma, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C81.79	Other Hodgkin lymphoma, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C81.9	Hodgkin lymphoma, unspecified	ICD-10-CM	Diagnosis
C81.90	Hodgkin lymphoma, unspecified, unspecified site	ICD-10-CM	Diagnosis
C81.91	Hodgkin lymphoma, unspecified, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C81.92	Hodgkin lymphoma, unspecified, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C81.93	Hodgkin lymphoma, unspecified, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C81.94	Hodgkin lymphoma, unspecified, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C81.95	Hodgkin lymphoma, unspecified, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C81.96	Hodgkin lymphoma, unspecified, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C81.97	Hodgkin lymphoma, unspecified, spleen	ICD-10-CM	Diagnosis
C81.98	Hodgkin lymphoma, unspecified, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C81.99	Hodgkin lymphoma, unspecified, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C82	Follicular lymphoma	ICD-10-CM	Diagnosis
C82.0	Follicular lymphoma grade I	ICD-10-CM	Diagnosis
C82.00	Follicular lymphoma grade I, unspecified site	ICD-10-CM	Diagnosis
C82.01	Follicular lymphoma grade I, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C82.02	Follicular lymphoma grade I, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C82.03	Follicular lymphoma grade I, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C82.04	Follicular lymphoma grade I, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C82.05	Follicular lymphoma grade I, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis

Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedural Classification System (ICD-10-PCS), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Type	Code Category
C82.06	Follicular lymphoma grade I, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C82.07	Follicular lymphoma grade I, spleen	ICD-10-CM	Diagnosis
C82.08	Follicular lymphoma grade I, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C82.09	Follicular lymphoma grade I, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C82.1	Follicular lymphoma grade II	ICD-10-CM	Diagnosis
C82.10	Follicular lymphoma grade II, unspecified site	ICD-10-CM	Diagnosis
C82.11	Follicular lymphoma grade II, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C82.12	Follicular lymphoma grade II, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C82.13	Follicular lymphoma grade II, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C82.14	Follicular lymphoma grade II, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C82.15	Follicular lymphoma grade II, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C82.16	Follicular lymphoma grade II, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C82.17	Follicular lymphoma grade II, spleen	ICD-10-CM	Diagnosis
C82.18	Follicular lymphoma grade II, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C82.19	Follicular lymphoma grade II, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C82.2	Follicular lymphoma grade III, unspecified	ICD-10-CM	Diagnosis
C82.20	Follicular lymphoma grade III, unspecified, unspecified site	ICD-10-CM	Diagnosis
C82.21	Follicular lymphoma grade III, unspecified, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C82.22	Follicular lymphoma grade III, unspecified, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C82.23	Follicular lymphoma grade III, unspecified, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C82.24	Follicular lymphoma grade III, unspecified, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C82.25	Follicular lymphoma grade III, unspecified, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C82.26	Follicular lymphoma grade III, unspecified, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C82.27	Follicular lymphoma grade III, unspecified, spleen	ICD-10-CM	Diagnosis
C82.28	Follicular lymphoma grade III, unspecified, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C82.29	Follicular lymphoma grade III, unspecified, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C82.3	Follicular lymphoma grade IIIa	ICD-10-CM	Diagnosis
C82.30	Follicular lymphoma grade IIIa, unspecified site	ICD-10-CM	Diagnosis
C82.31	Follicular lymphoma grade IIIa, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C82.32	Follicular lymphoma grade IIIa, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C82.33	Follicular lymphoma grade IIIa, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C82.34	Follicular lymphoma grade IIIa, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C82.35	Follicular lymphoma grade IIIa, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C82.36	Follicular lymphoma grade IIIa, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C82.37	Follicular lymphoma grade IIIa, spleen	ICD-10-CM	Diagnosis
C82.38	Follicular lymphoma grade IIIa, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C82.39	Follicular lymphoma grade IIIa, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C82.4	Follicular lymphoma grade IIIb	ICD-10-CM	Diagnosis
C82.40	Follicular lymphoma grade IIIb, unspecified site	ICD-10-CM	Diagnosis
C82.41	Follicular lymphoma grade IIIb, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C82.42	Follicular lymphoma grade IIIb, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C82.43	Follicular lymphoma grade IIIb, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis

Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedural Classification System (ICD-10-PCS), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Type	Code Category
C82.44	Follicular lymphoma grade IIIb, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C82.45	Follicular lymphoma grade IIIb, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C82.46	Follicular lymphoma grade IIIb, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C82.47	Follicular lymphoma grade IIIb, spleen	ICD-10-CM	Diagnosis
C82.48	Follicular lymphoma grade IIIb, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C82.49	Follicular lymphoma grade IIIb, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C82.5	Diffuse follicle center lymphoma	ICD-10-CM	Diagnosis
C82.50	Diffuse follicle center lymphoma, unspecified site	ICD-10-CM	Diagnosis
C82.51	Diffuse follicle center lymphoma, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C82.52	Diffuse follicle center lymphoma, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C82.53	Diffuse follicle center lymphoma, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C82.54	Diffuse follicle center lymphoma, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C82.55	Diffuse follicle center lymphoma, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C82.56	Diffuse follicle center lymphoma, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C82.57	Diffuse follicle center lymphoma, spleen	ICD-10-CM	Diagnosis
C82.58	Diffuse follicle center lymphoma, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C82.59	Diffuse follicle center lymphoma, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C82.6	Cutaneous follicle center lymphoma	ICD-10-CM	Diagnosis
C82.60	Cutaneous follicle center lymphoma, unspecified site	ICD-10-CM	Diagnosis
C82.61	Cutaneous follicle center lymphoma, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C82.62	Cutaneous follicle center lymphoma, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C82.63	Cutaneous follicle center lymphoma, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C82.64	Cutaneous follicle center lymphoma, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C82.65	Cutaneous follicle center lymphoma, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C82.66	Cutaneous follicle center lymphoma, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C82.67	Cutaneous follicle center lymphoma, spleen	ICD-10-CM	Diagnosis
C82.68	Cutaneous follicle center lymphoma, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C82.69	Cutaneous follicle center lymphoma, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C82.8	Other types of follicular lymphoma	ICD-10-CM	Diagnosis
C82.80	Other types of follicular lymphoma, unspecified site	ICD-10-CM	Diagnosis
C82.81	Other types of follicular lymphoma, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C82.82	Other types of follicular lymphoma, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C82.83	Other types of follicular lymphoma, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C82.84	Other types of follicular lymphoma, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C82.85	Other types of follicular lymphoma, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C82.86	Other types of follicular lymphoma, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C82.87	Other types of follicular lymphoma, spleen	ICD-10-CM	Diagnosis
C82.88	Other types of follicular lymphoma, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C82.89	Other types of follicular lymphoma, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C82.9	Follicular lymphoma, unspecified	ICD-10-CM	Diagnosis
C82.90	Follicular lymphoma, unspecified, unspecified site	ICD-10-CM	Diagnosis
C82.91	Follicular lymphoma, unspecified, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis

Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedural Classification System (ICD-10-PCS), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Type	Code Category
C82.92	Follicular lymphoma, unspecified, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C82.93	Follicular lymphoma, unspecified, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C82.94	Follicular lymphoma, unspecified, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C82.95	Follicular lymphoma, unspecified, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C82.96	Follicular lymphoma, unspecified, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C82.97	Follicular lymphoma, unspecified, spleen	ICD-10-CM	Diagnosis
C82.98	Follicular lymphoma, unspecified, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C82.99	Follicular lymphoma, unspecified, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C83	Non-follicular lymphoma	ICD-10-CM	Diagnosis
C83.0	Small cell B-cell lymphoma	ICD-10-CM	Diagnosis
C83.00	Small cell B-cell lymphoma, unspecified site	ICD-10-CM	Diagnosis
C83.01	Small cell B-cell lymphoma, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C83.02	Small cell B-cell lymphoma, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C83.03	Small cell B-cell lymphoma, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C83.04	Small cell B-cell lymphoma, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C83.05	Small cell B-cell lymphoma, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C83.06	Small cell B-cell lymphoma, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C83.07	Small cell B-cell lymphoma, spleen	ICD-10-CM	Diagnosis
C83.08	Small cell B-cell lymphoma, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C83.09	Small cell B-cell lymphoma, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C83.1	Mantle cell lymphoma	ICD-10-CM	Diagnosis
C83.10	Mantle cell lymphoma, unspecified site	ICD-10-CM	Diagnosis
C83.11	Mantle cell lymphoma, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C83.12	Mantle cell lymphoma, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C83.13	Mantle cell lymphoma, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C83.14	Mantle cell lymphoma, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C83.15	Mantle cell lymphoma, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C83.16	Mantle cell lymphoma, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C83.17	Mantle cell lymphoma, spleen	ICD-10-CM	Diagnosis
C83.18	Mantle cell lymphoma, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C83.19	Mantle cell lymphoma, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C83.3	Diffuse large B-cell lymphoma	ICD-10-CM	Diagnosis
C83.30	Diffuse large B-cell lymphoma, unspecified site	ICD-10-CM	Diagnosis
C83.31	Diffuse large B-cell lymphoma, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C83.32	Diffuse large B-cell lymphoma, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C83.33	Diffuse large B-cell lymphoma, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C83.34	Diffuse large B-cell lymphoma, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C83.35	Diffuse large B-cell lymphoma, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C83.36	Diffuse large B-cell lymphoma, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C83.37	Diffuse large B-cell lymphoma, spleen	ICD-10-CM	Diagnosis
C83.38	Diffuse large B-cell lymphoma, lymph nodes of multiple sites	ICD-10-CM	Diagnosis

Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedural Classification System (ICD-10-PCS), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Type	Code Category
C83.39	Diffuse large B-cell lymphoma, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C83.5	Lymphoblastic (diffuse) lymphoma	ICD-10-CM	Diagnosis
C83.50	Lymphoblastic (diffuse) lymphoma, unspecified site	ICD-10-CM	Diagnosis
C83.51	Lymphoblastic (diffuse) lymphoma, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C83.52	Lymphoblastic (diffuse) lymphoma, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C83.53	Lymphoblastic (diffuse) lymphoma, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C83.54	Lymphoblastic (diffuse) lymphoma, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C83.55	Lymphoblastic (diffuse) lymphoma, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C83.56	Lymphoblastic (diffuse) lymphoma, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C83.57	Lymphoblastic (diffuse) lymphoma, spleen	ICD-10-CM	Diagnosis
C83.58	Lymphoblastic (diffuse) lymphoma, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C83.59	Lymphoblastic (diffuse) lymphoma, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C83.7	Burkitt lymphoma	ICD-10-CM	Diagnosis
C83.70	Burkitt lymphoma, unspecified site	ICD-10-CM	Diagnosis
C83.71	Burkitt lymphoma, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C83.72	Burkitt lymphoma, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C83.73	Burkitt lymphoma, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C83.74	Burkitt lymphoma, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C83.75	Burkitt lymphoma, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C83.76	Burkitt lymphoma, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C83.77	Burkitt lymphoma, spleen	ICD-10-CM	Diagnosis
C83.78	Burkitt lymphoma, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C83.79	Burkitt lymphoma, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C83.8	Other non-follicular lymphoma	ICD-10-CM	Diagnosis
C83.80	Other non-follicular lymphoma, unspecified site	ICD-10-CM	Diagnosis
C83.81	Other non-follicular lymphoma, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C83.82	Other non-follicular lymphoma, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C83.83	Other non-follicular lymphoma, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C83.84	Other non-follicular lymphoma, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C83.85	Other non-follicular lymphoma, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C83.86	Other non-follicular lymphoma, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C83.87	Other non-follicular lymphoma, spleen	ICD-10-CM	Diagnosis
C83.88	Other non-follicular lymphoma, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C83.89	Other non-follicular lymphoma, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C83.9	Non-follicular (diffuse) lymphoma, unspecified	ICD-10-CM	Diagnosis
C83.90	Non-follicular (diffuse) lymphoma, unspecified, unspecified site	ICD-10-CM	Diagnosis
C83.91	Non-follicular (diffuse) lymphoma, unspecified, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C83.92	Non-follicular (diffuse) lymphoma, unspecified, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C83.93	Non-follicular (diffuse) lymphoma, unspecified, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis

Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedural Classification System (ICD-10-PCS), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Type	Code Category
C83.94	Non-follicular (diffuse) lymphoma, unspecified, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C83.95	Non-follicular (diffuse) lymphoma, unspecified, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C83.96	Non-follicular (diffuse) lymphoma, unspecified, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C83.97	Non-follicular (diffuse) lymphoma, unspecified, spleen	ICD-10-CM	Diagnosis
C83.98	Non-follicular (diffuse) lymphoma, unspecified, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C83.99	Non-follicular (diffuse) lymphoma, unspecified, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C84	Mature T/NK-cell lymphomas	ICD-10-CM	Diagnosis
C84.0	Mycosis fungoides	ICD-10-CM	Diagnosis
C84.00	Mycosis fungoides, unspecified site	ICD-10-CM	Diagnosis
C84.01	Mycosis fungoides, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C84.02	Mycosis fungoides, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C84.03	Mycosis fungoides, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C84.04	Mycosis fungoides, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C84.05	Mycosis fungoides, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C84.06	Mycosis fungoides, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C84.07	Mycosis fungoides, spleen	ICD-10-CM	Diagnosis
C84.08	Mycosis fungoides, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C84.09	Mycosis fungoides, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C84.1	Sezary disease	ICD-10-CM	Diagnosis
C84.10	Sezary disease, unspecified site	ICD-10-CM	Diagnosis
C84.11	Sezary disease, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C84.12	Sezary disease, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C84.13	Sezary disease, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C84.14	Sezary disease, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C84.15	Sezary disease, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C84.16	Sezary disease, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C84.17	Sezary disease, spleen	ICD-10-CM	Diagnosis
C84.18	Sezary disease, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C84.19	Sezary disease, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C84.4	Peripheral T-cell lymphoma, not classified	ICD-10-CM	Diagnosis
C84.40	Peripheral T-cell lymphoma, not classified, unspecified site	ICD-10-CM	Diagnosis
C84.41	Peripheral T-cell lymphoma, not classified, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C84.42	Peripheral T-cell lymphoma, not classified, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C84.43	Peripheral T-cell lymphoma, not classified, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C84.44	Peripheral T-cell lymphoma, not classified, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C84.45	Peripheral T-cell lymphoma, not classified, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C84.46	Peripheral T-cell lymphoma, not classified, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C84.47	Peripheral T-cell lymphoma, not classified, spleen	ICD-10-CM	Diagnosis
C84.48	Peripheral T-cell lymphoma, not classified, lymph nodes of multiple sites	ICD-10-CM	Diagnosis

Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedural Classification System (ICD-10-PCS), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Type	Code Category
C84.49	Peripheral T-cell lymphoma, not classified, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C84.6	Anaplastic large cell lymphoma, ALK-positive	ICD-10-CM	Diagnosis
C84.60	Anaplastic large cell lymphoma, ALK-positive, unspecified site	ICD-10-CM	Diagnosis
C84.61	Anaplastic large cell lymphoma, ALK-positive, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C84.62	Anaplastic large cell lymphoma, ALK-positive, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C84.63	Anaplastic large cell lymphoma, ALK-positive, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C84.64	Anaplastic large cell lymphoma, ALK-positive, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C84.65	Anaplastic large cell lymphoma, ALK-positive, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C84.66	Anaplastic large cell lymphoma, ALK-positive, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C84.67	Anaplastic large cell lymphoma, ALK-positive, spleen	ICD-10-CM	Diagnosis
C84.68	Anaplastic large cell lymphoma, ALK-positive, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C84.69	Anaplastic large cell lymphoma, ALK-positive, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C84.7	Anaplastic large cell lymphoma, ALK-negative	ICD-10-CM	Diagnosis
C84.70	Anaplastic large cell lymphoma, ALK-negative, unspecified site	ICD-10-CM	Diagnosis
C84.71	Anaplastic large cell lymphoma, ALK-negative, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C84.72	Anaplastic large cell lymphoma, ALK-negative, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C84.73	Anaplastic large cell lymphoma, ALK-negative, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C84.74	Anaplastic large cell lymphoma, ALK-negative, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C84.75	Anaplastic large cell lymphoma, ALK-negative, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C84.76	Anaplastic large cell lymphoma, ALK-negative, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C84.77	Anaplastic large cell lymphoma, ALK-negative, spleen	ICD-10-CM	Diagnosis
C84.78	Anaplastic large cell lymphoma, ALK-negative, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C84.79	Anaplastic large cell lymphoma, ALK-negative, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C84.9	Mature T/NK-cell lymphomas, unspecified	ICD-10-CM	Diagnosis
C84.90	Mature T/NK-cell lymphomas, unspecified, unspecified site	ICD-10-CM	Diagnosis
C84.91	Mature T/NK-cell lymphomas, unspecified, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C84.92	Mature T/NK-cell lymphomas, unspecified, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C84.93	Mature T/NK-cell lymphomas, unspecified, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C84.94	Mature T/NK-cell lymphomas, unspecified, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C84.95	Mature T/NK-cell lymphomas, unspecified, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C84.96	Mature T/NK-cell lymphomas, unspecified, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C84.97	Mature T/NK-cell lymphomas, unspecified, spleen	ICD-10-CM	Diagnosis
C84.98	Mature T/NK-cell lymphomas, unspecified, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C84.99	Mature T/NK-cell lymphomas, unspecified, extranodal and solid organ sites	ICD-10-CM	Diagnosis

Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedural Classification System (ICD-10-PCS), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Type	Code Category
C84.A	Cutaneous T-cell lymphoma, unspecified	ICD-10-CM	Diagnosis
C84.A0	Cutaneous T-cell lymphoma, unspecified, unspecified site	ICD-10-CM	Diagnosis
C84.A1	Cutaneous T-cell lymphoma, unspecified lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C84.A2	Cutaneous T-cell lymphoma, unspecified, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C84.A3	Cutaneous T-cell lymphoma, unspecified, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C84.A4	Cutaneous T-cell lymphoma, unspecified, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C84.A5	Cutaneous T-cell lymphoma, unspecified, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C84.A6	Cutaneous T-cell lymphoma, unspecified, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C84.A7	Cutaneous T-cell lymphoma, unspecified, spleen	ICD-10-CM	Diagnosis
C84.A8	Cutaneous T-cell lymphoma, unspecified, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C84.A9	Cutaneous T-cell lymphoma, unspecified, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C84.Z	Other mature T/NK-cell lymphomas	ICD-10-CM	Diagnosis
C84.Z0	Other mature T/NK-cell lymphomas, unspecified site	ICD-10-CM	Diagnosis
C84.Z1	Other mature T/NK-cell lymphomas, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C84.Z2	Other mature T/NK-cell lymphomas, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C84.Z3	Other mature T/NK-cell lymphomas, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C84.Z4	Other mature T/NK-cell lymphomas, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C84.Z5	Other mature T/NK-cell lymphomas, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C84.Z6	Other mature T/NK-cell lymphomas, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C84.Z7	Other mature T/NK-cell lymphomas, spleen	ICD-10-CM	Diagnosis
C84.Z8	Other mature T/NK-cell lymphomas, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C84.Z9	Other mature T/NK-cell lymphomas, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C85	Other specified and unspecified types of non-Hodgkin lymphoma	ICD-10-CM	Diagnosis
C85.1	Unspecified B-cell lymphoma	ICD-10-CM	Diagnosis
C85.10	Unspecified B-cell lymphoma, unspecified site	ICD-10-CM	Diagnosis
C85.11	Unspecified B-cell lymphoma, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C85.12	Unspecified B-cell lymphoma, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C85.13	Unspecified B-cell lymphoma, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C85.14	Unspecified B-cell lymphoma, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C85.15	Unspecified B-cell lymphoma, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C85.16	Unspecified B-cell lymphoma, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C85.17	Unspecified B-cell lymphoma, spleen	ICD-10-CM	Diagnosis
C85.18	Unspecified B-cell lymphoma, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C85.19	Unspecified B-cell lymphoma, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C85.2	Mediastinal (thymic) large B-cell lymphoma	ICD-10-CM	Diagnosis
C85.20	Mediastinal (thymic) large B-cell lymphoma, unspecified site	ICD-10-CM	Diagnosis
C85.21	Mediastinal (thymic) large B-cell lymphoma, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C85.22	Mediastinal (thymic) large B-cell lymphoma, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C85.23	Mediastinal (thymic) large B-cell lymphoma, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis

Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedural Classification System (ICD-10-PCS), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Type	Code Category
C85.24	Mediastinal (thymic) large B-cell lymphoma, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C85.25	Mediastinal (thymic) large B-cell lymphoma, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C85.26	Mediastinal (thymic) large B-cell lymphoma, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C85.27	Mediastinal (thymic) large B-cell lymphoma, spleen	ICD-10-CM	Diagnosis
C85.28	Mediastinal (thymic) large B-cell lymphoma, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C85.29	Mediastinal (thymic) large B-cell lymphoma, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C85.8	Other specified types of non-Hodgkin lymphoma	ICD-10-CM	Diagnosis
C85.80	Other specified types of non-Hodgkin lymphoma, unspecified site	ICD-10-CM	Diagnosis
C85.81	Other specified types of non-Hodgkin lymphoma, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C85.82	Other specified types of non-Hodgkin lymphoma, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C85.83	Other specified types of non-Hodgkin lymphoma, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C85.84	Other specified types of non-Hodgkin lymphoma, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C85.85	Other specified types of non-Hodgkin lymphoma, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C85.86	Other specified types of non-Hodgkin lymphoma, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C85.87	Other specified types of non-Hodgkin lymphoma, spleen	ICD-10-CM	Diagnosis
C85.88	Other specified types of non-Hodgkin lymphoma, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C85.89	Other specified types of non-Hodgkin lymphoma, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C85.9	Non-Hodgkin lymphoma, unspecified	ICD-10-CM	Diagnosis
C85.90	Non-Hodgkin lymphoma, unspecified, unspecified site	ICD-10-CM	Diagnosis
C85.91	Non-Hodgkin lymphoma, unspecified, lymph nodes of head, face, and neck	ICD-10-CM	Diagnosis
C85.92	Non-Hodgkin lymphoma, unspecified, intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C85.93	Non-Hodgkin lymphoma, unspecified, intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C85.94	Non-Hodgkin lymphoma, unspecified, lymph nodes of axilla and upper limb	ICD-10-CM	Diagnosis
C85.95	Non-Hodgkin lymphoma, unspecified, lymph nodes of inguinal region and lower limb	ICD-10-CM	Diagnosis
C85.96	Non-Hodgkin lymphoma, unspecified, intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C85.97	Non-Hodgkin lymphoma, unspecified, spleen	ICD-10-CM	Diagnosis
C85.98	Non-Hodgkin lymphoma, unspecified, lymph nodes of multiple sites	ICD-10-CM	Diagnosis
C85.99	Non-Hodgkin lymphoma, unspecified, extranodal and solid organ sites	ICD-10-CM	Diagnosis
C86	Other specified types of T/NK-cell lymphoma	ICD-10-CM	Diagnosis
C86.0	Extranodal NK/T-cell lymphoma, nasal type	ICD-10-CM	Diagnosis
C86.1	Hepatosplenic T-cell lymphoma	ICD-10-CM	Diagnosis
C86.2	Enteropathy-type (intestinal) T-cell lymphoma	ICD-10-CM	Diagnosis
C86.3	Subcutaneous panniculitis-like T-cell lymphoma	ICD-10-CM	Diagnosis
C86.4	Blastic NK-cell lymphoma	ICD-10-CM	Diagnosis
C86.5	Angioimmunoblastic T-cell lymphoma	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
C86.6	Primary cutaneous CD30-positive T-cell proliferations	ICD-10-CM	Diagnosis
C88	Malignant immunoproliferative diseases and certain other B-cell lymphomas	ICD-10-CM	Diagnosis
C88.0	Waldenstrom macroglobulinemia	ICD-10-CM	Diagnosis
C88.2	Heavy chain disease	ICD-10-CM	Diagnosis
C88.3	Immunoproliferative small intestinal disease	ICD-10-CM	Diagnosis
C88.4	Extranodal marginal zone B-cell lymphoma of mucosa-associated lymphoid tissue [MALT-lymphoma]	ICD-10-CM	Diagnosis
C88.8	Other malignant immunoproliferative diseases	ICD-10-CM	Diagnosis
C88.9	Malignant immunoproliferative disease, unspecified	ICD-10-CM	Diagnosis
C90	Multiple myeloma and malignant plasma cell neoplasms	ICD-10-CM	Diagnosis
C90.0	Multiple myeloma	ICD-10-CM	Diagnosis
C90.00	Multiple myeloma not having achieved remission	ICD-10-CM	Diagnosis
C90.01	Multiple myeloma in remission	ICD-10-CM	Diagnosis
C90.02	Multiple myeloma in relapse	ICD-10-CM	Diagnosis
C90.1	Plasma cell leukemia	ICD-10-CM	Diagnosis
C90.10	Plasma cell leukemia not having achieved remission	ICD-10-CM	Diagnosis
C90.11	Plasma cell leukemia in remission	ICD-10-CM	Diagnosis
C90.12	Plasma cell leukemia in relapse	ICD-10-CM	Diagnosis
C90.2	Extramedullary plasmacytoma	ICD-10-CM	Diagnosis
C90.20	Extramedullary plasmacytoma not having achieved remission	ICD-10-CM	Diagnosis
C90.21	Extramedullary plasmacytoma in remission	ICD-10-CM	Diagnosis
C90.22	Extramedullary plasmacytoma in relapse	ICD-10-CM	Diagnosis
C90.3	Solitary plasmacytoma	ICD-10-CM	Diagnosis
C90.30	Solitary plasmacytoma not having achieved remission	ICD-10-CM	Diagnosis
C90.31	Solitary plasmacytoma in remission	ICD-10-CM	Diagnosis
C90.32	Solitary plasmacytoma in relapse	ICD-10-CM	Diagnosis
C91	Lymphoid leukemia	ICD-10-CM	Diagnosis
C91.0	Acute lymphoblastic leukemia [ALL]	ICD-10-CM	Diagnosis
C91.00	Acute lymphoblastic leukemia not having achieved remission	ICD-10-CM	Diagnosis
C91.01	Acute lymphoblastic leukemia, in remission	ICD-10-CM	Diagnosis
C91.02	Acute lymphoblastic leukemia, in relapse	ICD-10-CM	Diagnosis
C91.1	Chronic lymphocytic leukemia of B-cell type	ICD-10-CM	Diagnosis
C91.10	Chronic lymphocytic leukemia of B-cell type not having achieved remission	ICD-10-CM	Diagnosis
C91.11	Chronic lymphocytic leukemia of B-cell type in remission	ICD-10-CM	Diagnosis
C91.12	Chronic lymphocytic leukemia of B-cell type in relapse	ICD-10-CM	Diagnosis
C91.3	Prolymphocytic leukemia of B-cell type	ICD-10-CM	Diagnosis
C91.30	Prolymphocytic leukemia of B-cell type not having achieved remission	ICD-10-CM	Diagnosis
C91.31	Prolymphocytic leukemia of B-cell type, in remission	ICD-10-CM	Diagnosis
C91.32	Prolymphocytic leukemia of B-cell type, in relapse	ICD-10-CM	Diagnosis
C91.4	Hairy cell leukemia	ICD-10-CM	Diagnosis
C91.40	Hairy cell leukemia not having achieved remission	ICD-10-CM	Diagnosis
C91.41	Hairy cell leukemia, in remission	ICD-10-CM	Diagnosis

Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedural Classification System (ICD-10-PCS), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Type	Code Category
C91.42	Hairy cell leukemia, in relapse	ICD-10-CM	Diagnosis
C91.5	Adult T-cell lymphoma/leukemia (HTLV-1-associated)	ICD-10-CM	Diagnosis
C91.50	Adult T-cell lymphoma/leukemia (HTLV-1-associated) not having achieved remission	ICD-10-CM	Diagnosis
C91.51	Adult T-cell lymphoma/leukemia (HTLV-1-associated), in remission	ICD-10-CM	Diagnosis
C91.52	Adult T-cell lymphoma/leukemia (HTLV-1-associated), in relapse	ICD-10-CM	Diagnosis
C91.6	Prolymphocytic leukemia of T-cell type	ICD-10-CM	Diagnosis
C91.60	Prolymphocytic leukemia of T-cell type not having achieved remission	ICD-10-CM	Diagnosis
C91.61	Prolymphocytic leukemia of T-cell type, in remission	ICD-10-CM	Diagnosis
C91.62	Prolymphocytic leukemia of T-cell type, in relapse	ICD-10-CM	Diagnosis
C91.9	Lymphoid leukemia, unspecified	ICD-10-CM	Diagnosis
C91.90	Lymphoid leukemia, unspecified not having achieved remission	ICD-10-CM	Diagnosis
C91.91	Lymphoid leukemia, unspecified, in remission	ICD-10-CM	Diagnosis
C91.92	Lymphoid leukemia, unspecified, in relapse	ICD-10-CM	Diagnosis
C91.A	Mature B-cell leukemia Burkitt-type	ICD-10-CM	Diagnosis
C91.A0	Mature B-cell leukemia Burkitt-type not having achieved remission	ICD-10-CM	Diagnosis
C91.A1	Mature B-cell leukemia Burkitt-type, in remission	ICD-10-CM	Diagnosis
C91.A2	Mature B-cell leukemia Burkitt-type, in relapse	ICD-10-CM	Diagnosis
C91.Z	Other lymphoid leukemia	ICD-10-CM	Diagnosis
C91.Z0	Other lymphoid leukemia not having achieved remission	ICD-10-CM	Diagnosis
C91.Z1	Other lymphoid leukemia, in remission	ICD-10-CM	Diagnosis
C91.Z2	Other lymphoid leukemia, in relapse	ICD-10-CM	Diagnosis
C92	Myeloid leukemia	ICD-10-CM	Diagnosis
C92.0	Acute myeloblastic leukemia	ICD-10-CM	Diagnosis
C92.00	Acute myeloblastic leukemia, not having achieved remission	ICD-10-CM	Diagnosis
C92.01	Acute myeloblastic leukemia, in remission	ICD-10-CM	Diagnosis
C92.02	Acute myeloblastic leukemia, in relapse	ICD-10-CM	Diagnosis
C92.1	Chronic myeloid leukemia, BCR/ABL-positive	ICD-10-CM	Diagnosis
C92.10	Chronic myeloid leukemia, BCR/ABL-positive, not having achieved remission	ICD-10-CM	Diagnosis
C92.11	Chronic myeloid leukemia, BCR/ABL-positive, in remission	ICD-10-CM	Diagnosis
C92.12	Chronic myeloid leukemia, BCR/ABL-positive, in relapse	ICD-10-CM	Diagnosis
C92.2	Atypical chronic myeloid leukemia, BCR/ABL-negative	ICD-10-CM	Diagnosis
C92.20	Atypical chronic myeloid leukemia, BCR/ABL-negative, not having achieved remission	ICD-10-CM	Diagnosis
C92.21	Atypical chronic myeloid leukemia, BCR/ABL-negative, in remission	ICD-10-CM	Diagnosis
C92.22	Atypical chronic myeloid leukemia, BCR/ABL-negative, in relapse	ICD-10-CM	Diagnosis
C92.3	Myeloid sarcoma	ICD-10-CM	Diagnosis
C92.30	Myeloid sarcoma, not having achieved remission	ICD-10-CM	Diagnosis
C92.31	Myeloid sarcoma, in remission	ICD-10-CM	Diagnosis
C92.32	Myeloid sarcoma, in relapse	ICD-10-CM	Diagnosis
C92.4	Acute promyelocytic leukemia	ICD-10-CM	Diagnosis
C92.40	Acute promyelocytic leukemia, not having achieved remission	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
C92.41	Acute promyelocytic leukemia, in remission	ICD-10-CM	Diagnosis
C92.42	Acute promyelocytic leukemia, in relapse	ICD-10-CM	Diagnosis
C92.5	Acute myelomonocytic leukemia	ICD-10-CM	Diagnosis
C92.50	Acute myelomonocytic leukemia, not having achieved remission	ICD-10-CM	Diagnosis
C92.51	Acute myelomonocytic leukemia, in remission	ICD-10-CM	Diagnosis
C92.52	Acute myelomonocytic leukemia, in relapse	ICD-10-CM	Diagnosis
C92.6	Acute myeloid leukemia with 11q23-abnormality	ICD-10-CM	Diagnosis
C92.60	Acute myeloid leukemia with 11q23-abnormality not having achieved remission	ICD-10-CM	Diagnosis
C92.61	Acute myeloid leukemia with 11q23-abnormality in remission	ICD-10-CM	Diagnosis
C92.62	Acute myeloid leukemia with 11q23-abnormality in relapse	ICD-10-CM	Diagnosis
C92.9	Myeloid leukemia, unspecified	ICD-10-CM	Diagnosis
C92.90	Myeloid leukemia, unspecified, not having achieved remission	ICD-10-CM	Diagnosis
C92.91	Myeloid leukemia, unspecified in remission	ICD-10-CM	Diagnosis
C92.92	Myeloid leukemia, unspecified in relapse	ICD-10-CM	Diagnosis
C92.A	Acute myeloid leukemia with multilineage dysplasia	ICD-10-CM	Diagnosis
C92.A0	Acute myeloid leukemia with multilineage dysplasia, not having achieved remission	ICD-10-CM	Diagnosis
C92.A1	Acute myeloid leukemia with multilineage dysplasia, in remission	ICD-10-CM	Diagnosis
C92.A2	Acute myeloid leukemia with multilineage dysplasia, in relapse	ICD-10-CM	Diagnosis
C92.Z	Other myeloid leukemia	ICD-10-CM	Diagnosis
C92.Z0	Other myeloid leukemia not having achieved remission	ICD-10-CM	Diagnosis
C92.Z1	Other myeloid leukemia, in remission	ICD-10-CM	Diagnosis
C92.Z2	Other myeloid leukemia, in relapse	ICD-10-CM	Diagnosis
C93	Monocytic leukemia	ICD-10-CM	Diagnosis
C93.0	Acute monoblastic/monocytic leukemia	ICD-10-CM	Diagnosis
C93.00	Acute monoblastic/monocytic leukemia, not having achieved remission	ICD-10-CM	Diagnosis
C93.01	Acute monoblastic/monocytic leukemia, in remission	ICD-10-CM	Diagnosis
C93.02	Acute monoblastic/monocytic leukemia, in relapse	ICD-10-CM	Diagnosis
C93.1	Chronic myelomonocytic leukemia	ICD-10-CM	Diagnosis
C93.10	Chronic myelomonocytic leukemia not having achieved remission	ICD-10-CM	Diagnosis
C93.11	Chronic myelomonocytic leukemia, in remission	ICD-10-CM	Diagnosis
C93.12	Chronic myelomonocytic leukemia, in relapse	ICD-10-CM	Diagnosis
C93.3	Juvenile myelomonocytic leukemia	ICD-10-CM	Diagnosis
C93.30	Juvenile myelomonocytic leukemia, not having achieved remission	ICD-10-CM	Diagnosis
C93.31	Juvenile myelomonocytic leukemia, in remission	ICD-10-CM	Diagnosis
C93.32	Juvenile myelomonocytic leukemia, in relapse	ICD-10-CM	Diagnosis
C93.9	Monocytic leukemia, unspecified	ICD-10-CM	Diagnosis
C93.90	Monocytic leukemia, unspecified, not having achieved remission	ICD-10-CM	Diagnosis
C93.91	Monocytic leukemia, unspecified in remission	ICD-10-CM	Diagnosis
C93.92	Monocytic leukemia, unspecified in relapse	ICD-10-CM	Diagnosis
C93.Z	Other monocytic leukemia	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
C93.Z0	Other monocytic leukemia, not having achieved remission	ICD-10-CM	Diagnosis
C93.Z1	Other monocytic leukemia, in remission	ICD-10-CM	Diagnosis
C93.Z2	Other monocytic leukemia, in relapse	ICD-10-CM	Diagnosis
C94	Other leukemias of specified cell type	ICD-10-CM	Diagnosis
C94.0	Acute erythroid leukemia	ICD-10-CM	Diagnosis
C94.00	Acute erythroid leukemia, not having achieved remission	ICD-10-CM	Diagnosis
C94.01	Acute erythroid leukemia, in remission	ICD-10-CM	Diagnosis
C94.02	Acute erythroid leukemia, in relapse	ICD-10-CM	Diagnosis
C94.2	Acute megakaryoblastic leukemia	ICD-10-CM	Diagnosis
C94.20	Acute megakaryoblastic leukemia not having achieved remission	ICD-10-CM	Diagnosis
C94.21	Acute megakaryoblastic leukemia, in remission	ICD-10-CM	Diagnosis
C94.22	Acute megakaryoblastic leukemia, in relapse	ICD-10-CM	Diagnosis
C94.3	Mast cell leukemia	ICD-10-CM	Diagnosis
C94.30	Mast cell leukemia not having achieved remission	ICD-10-CM	Diagnosis
C94.31	Mast cell leukemia, in remission	ICD-10-CM	Diagnosis
C94.32	Mast cell leukemia, in relapse	ICD-10-CM	Diagnosis
C94.4	Acute panmyelosis with myelofibrosis	ICD-10-CM	Diagnosis
C94.40	Acute panmyelosis with myelofibrosis not having achieved remission	ICD-10-CM	Diagnosis
C94.41	Acute panmyelosis with myelofibrosis, in remission	ICD-10-CM	Diagnosis
C94.42	Acute panmyelosis with myelofibrosis, in relapse	ICD-10-CM	Diagnosis
C94.6	Myelodysplastic disease, not classified	ICD-10-CM	Diagnosis
C94.8	Other specified leukemias	ICD-10-CM	Diagnosis
C94.80	Other specified leukemias not having achieved remission	ICD-10-CM	Diagnosis
C94.81	Other specified leukemias, in remission	ICD-10-CM	Diagnosis
C94.82	Other specified leukemias, in relapse	ICD-10-CM	Diagnosis
C95	Leukemia of unspecified cell type	ICD-10-CM	Diagnosis
C95.0	Acute leukemia of unspecified cell type	ICD-10-CM	Diagnosis
C95.00	Acute leukemia of unspecified cell type not having achieved remission	ICD-10-CM	Diagnosis
C95.01	Acute leukemia of unspecified cell type, in remission	ICD-10-CM	Diagnosis
C95.02	Acute leukemia of unspecified cell type, in relapse	ICD-10-CM	Diagnosis
C95.1	Chronic leukemia of unspecified cell type	ICD-10-CM	Diagnosis
C95.10	Chronic leukemia of unspecified cell type not having achieved remission	ICD-10-CM	Diagnosis
C95.11	Chronic leukemia of unspecified cell type, in remission	ICD-10-CM	Diagnosis
C95.12	Chronic leukemia of unspecified cell type, in relapse	ICD-10-CM	Diagnosis
C95.9	Leukemia, unspecified	ICD-10-CM	Diagnosis
C95.90	Leukemia, unspecified not having achieved remission	ICD-10-CM	Diagnosis
C95.91	Leukemia, unspecified, in remission	ICD-10-CM	Diagnosis
C95.92	Leukemia, unspecified, in relapse	ICD-10-CM	Diagnosis
C96	Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue	ICD-10-CM	Diagnosis
C96.0	Multifocal and multisystemic (disseminated) Langerhans-cell histiocytosis	ICD-10-CM	Diagnosis
C96.2	Malignant mast cell neoplasm	ICD-10-CM	Diagnosis

Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedural Classification System (ICD-10-PCS), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Type	Code Category
C96.20	Malignant mast cell neoplasm, unspecified	ICD-10-CM	Diagnosis
C96.21	Aggressive systemic mastocytosis	ICD-10-CM	Diagnosis
C96.22	Mast cell sarcoma	ICD-10-CM	Diagnosis
C96.29	Other malignant mast cell neoplasm	ICD-10-CM	Diagnosis
C96.4	Sarcoma of dendritic cells (accessory cells)	ICD-10-CM	Diagnosis
C96.5	Multifocal and unisystemic Langerhans-cell histiocytosis	ICD-10-CM	Diagnosis
C96.6	Unifocal Langerhans-cell histiocytosis	ICD-10-CM	Diagnosis
C96.9	Malignant neoplasm of lymphoid, hematopoietic and related tissue, unspecified	ICD-10-CM	Diagnosis
C96.A	Histiocytic sarcoma	ICD-10-CM	Diagnosis
C96.Z	Other specified malignant neoplasms of lymphoid, hematopoietic and related tissue	ICD-10-CM	Diagnosis
200	Lymphosarcoma and reticulosarcoma and other specified malignant tumors of lymphatic tissue	ICD-09-CM	Diagnosis
200.0	Reticulosarcoma	ICD-09-CM	Diagnosis
200.00	Reticulosarcoma, unspecified site, extranodal and solid organ sites	ICD-09-CM	Diagnosis
200.01	Reticulosarcoma of lymph nodes of head, face, and neck	ICD-09-CM	Diagnosis
200.02	Reticulosarcoma of intrathoracic lymph nodes	ICD-09-CM	Diagnosis
200.03	Reticulosarcoma of intra-abdominal lymph nodes	ICD-09-CM	Diagnosis
200.04	Reticulosarcoma of lymph nodes of axilla and upper limb	ICD-09-CM	Diagnosis
200.05	Reticulosarcoma of lymph nodes of inguinal region and lower limb	ICD-09-CM	Diagnosis
200.06	Reticulosarcoma of intrapelvic lymph nodes	ICD-09-CM	Diagnosis
200.07	Reticulosarcoma of spleen	ICD-09-CM	Diagnosis
200.08	Reticulosarcoma of lymph nodes of multiple sites	ICD-09-CM	Diagnosis
200.1	Lymphosarcoma	ICD-09-CM	Diagnosis
200.10	Lymphosarcoma, unspecified site, extranodal and solid organ sites	ICD-09-CM	Diagnosis
200.11	Lymphosarcoma of lymph nodes of head, face, and neck	ICD-09-CM	Diagnosis
200.12	Lymphosarcoma of intrathoracic lymph nodes	ICD-09-CM	Diagnosis
200.13	Lymphosarcoma of intra-abdominal lymph nodes	ICD-09-CM	Diagnosis
200.14	Lymphosarcoma of lymph nodes of axilla and upper limb	ICD-09-CM	Diagnosis
200.15	Lymphosarcoma of lymph nodes of inguinal region and lower limb	ICD-09-CM	Diagnosis
200.16	Lymphosarcoma of intrapelvic lymph nodes	ICD-09-CM	Diagnosis
200.17	Lymphosarcoma of spleen	ICD-09-CM	Diagnosis
200.18	Lymphosarcoma of lymph nodes of multiple sites	ICD-09-CM	Diagnosis
200.2	Burkitt's tumor or lymphoma	ICD-09-CM	Diagnosis
200.20	Burkitt's tumor or lymphoma, unspecified site, extranodal and solid organ sites	ICD-09-CM	Diagnosis
200.21	Burkitt's tumor or lymphoma of lymph nodes of head, face, and neck	ICD-09-CM	Diagnosis
200.22	Burkitt's tumor or lymphoma of intrathoracic lymph nodes	ICD-09-CM	Diagnosis
200.23	Burkitt's tumor or lymphoma of intra-abdominal lymph nodes	ICD-09-CM	Diagnosis
200.24	Burkitt's tumor or lymphoma of lymph nodes of axilla and upper limb	ICD-09-CM	Diagnosis
200.25	Burkitt's tumor or lymphoma of lymph nodes of inguinal region and lower limb	ICD-09-CM	Diagnosis
200.26	Burkitt's tumor or lymphoma of intrapelvic lymph nodes	ICD-09-CM	Diagnosis

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Code	Description	Code Type	Code Category
200.27	Burkitt's tumor or lymphoma of spleen	ICD-09-CM	Diagnosis
200.28	Burkitt's tumor or lymphoma of lymph nodes of multiple sites	ICD-09-CM	Diagnosis
200.3	Marginal zone lymphoma	ICD-09-CM	Diagnosis
200.30	Marginal zone lymphoma, unspecified site, extranodal and solid organ sites	ICD-09-CM	Diagnosis
200.31	Marginal zone lymphoma, lymph nodes of head, face, and neck	ICD-09-CM	Diagnosis
200.32	Marginal zone lymphoma, intrathoracic lymph nodes	ICD-09-CM	Diagnosis
200.33	Marginal zone lymphoma, intra-abdominal lymph nodes	ICD-09-CM	Diagnosis
200.34	Marginal zone lymphoma, lymph nodes of axilla and upper limb	ICD-09-CM	Diagnosis
200.35	Marginal zone lymphoma, lymph nodes of inguinal region and lower limb	ICD-09-CM	Diagnosis
200.36	Marginal zone lymphoma, intrapelvic lymph nodes	ICD-09-CM	Diagnosis
200.37	Marginal zone lymphoma, spleen	ICD-09-CM	Diagnosis
200.38	Marginal zone lymphoma, lymph nodes of multiple sites	ICD-09-CM	Diagnosis
200.4	Mantle cell lymphoma	ICD-09-CM	Diagnosis
200.40	Mantle cell lymphoma, unspecified site, extranodal and solid organ sites	ICD-09-CM	Diagnosis
200.41	Mantle cell lymphoma, lymph nodes of head, face, and neck	ICD-09-CM	Diagnosis
200.42	Mantle cell lymphoma, intrathoracic lymph nodes	ICD-09-CM	Diagnosis
200.43	Mantle cell lymphoma, intra-abdominal lymph nodes	ICD-09-CM	Diagnosis
200.44	Mantle cell lymphoma, lymph nodes of axilla and upper limb	ICD-09-CM	Diagnosis
200.45	Mantle cell lymphoma, lymph nodes of inguinal region and lower limb	ICD-09-CM	Diagnosis
200.46	Mantle cell lymphoma, intrapelvic lymph nodes	ICD-09-CM	Diagnosis
200.47	Mantle cell lymphoma, spleen	ICD-09-CM	Diagnosis
200.48	Mantle cell lymphoma, lymph nodes of multiple sites	ICD-09-CM	Diagnosis
200.50	Primary central nervous system lymphoma, unspecified site, extranodal and solid organ sites	ICD-09-CM	Diagnosis
200.5	Primary central nervous system lymphoma	ICD-09-CM	Diagnosis
200.51	Primary central nervous system lymphoma, lymph nodes of head, face, and neck	ICD-09-CM	Diagnosis
200.52	Primary central nervous system lymphoma, intrathoracic lymph nodes	ICD-09-CM	Diagnosis
200.53	Primary central nervous system lymphoma, intra-abdominal lymph nodes	ICD-09-CM	Diagnosis
200.54	Primary central nervous system lymphoma, lymph nodes of axilla and upper limb	ICD-09-CM	Diagnosis
200.55	Primary central nervous system lymphoma, lymph nodes of inguinal region and lower limb	ICD-09-CM	Diagnosis
200.56	Primary central nervous system lymphoma, intrapelvic lymph nodes	ICD-09-CM	Diagnosis
200.57	Primary central nervous system lymphoma, spleen	ICD-09-CM	Diagnosis
200.58	Primary central nervous system lymphoma, lymph nodes of multiple sites	ICD-09-CM	Diagnosis
200.60	Anaplastic large cell lymphoma, unspecified site, extranodal and solid organ sites	ICD-09-CM	Diagnosis
200.6	Anaplastic large cell lymphoma	ICD-09-CM	Diagnosis
200.61	Anaplastic large cell lymphoma, lymph nodes of head, face, and neck	ICD-09-CM	Diagnosis
200.62	Anaplastic large cell lymphoma, intrathoracic lymph nodes	ICD-09-CM	Diagnosis
200.63	Anaplastic large cell lymphoma, intra-abdominal lymph nodes	ICD-09-CM	Diagnosis

Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedural Classification System (ICD-10-PCS), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Type	Code Category
200.64	Anaplastic large cell lymphoma, lymph nodes of axilla and upper limb	ICD-09-CM	Diagnosis
200.65	Anaplastic large cell lymphoma, lymph nodes of inguinal region and lower limb	ICD-09-CM	Diagnosis
200.66	Anaplastic large cell lymphoma, intrapelvic lymph nodes	ICD-09-CM	Diagnosis
200.67	Anaplastic large cell lymphoma, spleen	ICD-09-CM	Diagnosis
200.68	Anaplastic large cell lymphoma, lymph nodes of multiple sites	ICD-09-CM	Diagnosis
200.7	Large cell lymphoma	ICD-09-CM	Diagnosis
200.70	Large cell lymphoma, unspecified site, extranodal and solid organ sites	ICD-09-CM	Diagnosis
200.71	Large cell lymphoma, lymph nodes of head, face, and neck	ICD-09-CM	Diagnosis
200.72	Large cell lymphoma, intrathoracic lymph nodes	ICD-09-CM	Diagnosis
200.73	Large cell lymphoma, intra-abdominal lymph nodes	ICD-09-CM	Diagnosis
200.74	Large cell lymphoma, lymph nodes of axilla and upper limb	ICD-09-CM	Diagnosis
200.75	Large cell lymphoma, lymph nodes of inguinal region and lower limb	ICD-09-CM	Diagnosis
200.76	Large cell lymphoma, intrapelvic lymph nodes	ICD-09-CM	Diagnosis
200.77	Large cell lymphoma, spleen	ICD-09-CM	Diagnosis
200.78	Large cell lymphoma, lymph nodes of multiple sites	ICD-09-CM	Diagnosis
200.8	Other named variants	ICD-09-CM	Diagnosis
200.8	Other named variants of lymphosarcoma and reticulosarcoma	ICD-09-CM	Diagnosis
200.80	Other named variants, unspecified site, extranodal and solid organ sites	ICD-09-CM	Diagnosis
200.81	Other named variants of lymphosarcoma and reticulosarcoma of lymph nodes of head, face, and neck	ICD-09-CM	Diagnosis
200.82	Other named variants of lymphosarcoma and reticulosarcoma of intrathoracic lymph nodes	ICD-09-CM	Diagnosis
200.83	Other named variants of lymphosarcoma and reticulosarcoma of intra-abdominal lymph nodes	ICD-09-CM	Diagnosis
200.84	Other named variants of lymphosarcoma and reticulosarcoma of lymph nodes of axilla and upper limb	ICD-09-CM	Diagnosis
200.85	Other named variants of lymphosarcoma and reticulosarcoma of lymph nodes of inguinal region and lower limb	ICD-09-CM	Diagnosis
200.86	Other named variants of lymphosarcoma and reticulosarcoma of intrapelvic lymph nodes	ICD-09-CM	Diagnosis
200.87	Other named variants of lymphosarcoma and reticulosarcoma of spleen	ICD-09-CM	Diagnosis
200.88	Other named variants of lymphosarcoma and reticulosarcoma of lymph nodes of multiple sites	ICD-09-CM	Diagnosis
201	Hodgkin's disease	ICD-09-CM	Diagnosis
201.0	Hodgkin's paraganuloma	ICD-09-CM	Diagnosis
201.00	Hodgkin's paraganuloma, unspecified site, extranodal and solid organ sites	ICD-09-CM	Diagnosis
201.01	Hodgkin's paraganuloma of lymph nodes of head, face, and neck	ICD-09-CM	Diagnosis
201.02	Hodgkin's paraganuloma of intrathoracic lymph nodes	ICD-09-CM	Diagnosis
201.03	Hodgkin's paraganuloma of intra-abdominal lymph nodes	ICD-09-CM	Diagnosis
201.04	Hodgkin's paraganuloma of lymph nodes of axilla and upper limb	ICD-09-CM	Diagnosis
201.05	Hodgkin's paraganuloma of lymph nodes of inguinal region and lower limb	ICD-09-CM	Diagnosis
201.06	Hodgkin's paraganuloma of intrapelvic lymph nodes	ICD-09-CM	Diagnosis

Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedural Classification System (ICD-10-PCS), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Type	Code Category
201.07	Hodgkin's paragranuloma of spleen	ICD-09-CM	Diagnosis
201.08	Hodgkin's paragranuloma of lymph nodes of multiple sites	ICD-09-CM	Diagnosis
201.1	Hodgkin's granuloma	ICD-09-CM	Diagnosis
201.10	Hodgkin's granuloma, unspecified site, extranodal and solid organ sites	ICD-09-CM	Diagnosis
201.11	Hodgkin's granuloma of lymph nodes of head, face, and neck	ICD-09-CM	Diagnosis
201.12	Hodgkin's granuloma of intrathoracic lymph nodes	ICD-09-CM	Diagnosis
201.13	Hodgkin's granuloma of intra-abdominal lymph nodes	ICD-09-CM	Diagnosis
201.14	Hodgkin's granuloma of lymph nodes of axilla and upper limb	ICD-09-CM	Diagnosis
201.15	Hodgkin's granuloma of lymph nodes of inguinal region and lower limb	ICD-09-CM	Diagnosis
201.16	Hodgkin's granuloma of intrapelvic lymph nodes	ICD-09-CM	Diagnosis
201.17	Hodgkin's granuloma of spleen	ICD-09-CM	Diagnosis
201.18	Hodgkin's granuloma of lymph nodes of multiple sites	ICD-09-CM	Diagnosis
201.2	Hodgkin's sarcoma	ICD-09-CM	Diagnosis
201.20	Hodgkin's sarcoma, unspecified site, extranodal and solid organ sites	ICD-09-CM	Diagnosis
201.21	Hodgkin's sarcoma of lymph nodes of head, face, and neck	ICD-09-CM	Diagnosis
201.22	Hodgkin's sarcoma of intrathoracic lymph nodes	ICD-09-CM	Diagnosis
201.23	Hodgkin's sarcoma of intra-abdominal lymph nodes	ICD-09-CM	Diagnosis
201.24	Hodgkin's sarcoma of lymph nodes of axilla and upper limb	ICD-09-CM	Diagnosis
201.25	Hodgkin's sarcoma of lymph nodes of inguinal region and lower limb	ICD-09-CM	Diagnosis
201.26	Hodgkin's sarcoma of intrapelvic lymph nodes	ICD-09-CM	Diagnosis
201.27	Hodgkin's sarcoma of spleen	ICD-09-CM	Diagnosis
201.28	Hodgkin's sarcoma of lymph nodes of multiple sites	ICD-09-CM	Diagnosis
201.40	Hodgkin's disease, lymphocytic-histiocytic predominance, unspecified site, extranodal and solid organ sites	ICD-09-CM	Diagnosis
201.4	Hodgkin's disease, lymphocytic-histiocytic predominance	ICD-09-CM	Diagnosis
201.41	Hodgkin's disease, lymphocytic-histiocytic predominance of lymph nodes of head, face, and neck	ICD-09-CM	Diagnosis
201.42	Hodgkin's disease, lymphocytic-histiocytic predominance of intrathoracic lymph nodes	ICD-09-CM	Diagnosis
201.43	Hodgkin's disease, lymphocytic-histiocytic predominance of intra-abdominal lymph nodes	ICD-09-CM	Diagnosis
201.44	Hodgkin's disease, lymphocytic-histiocytic predominance of lymph nodes of axilla and upper limb	ICD-09-CM	Diagnosis
201.45	Hodgkin's disease, lymphocytic-histiocytic predominance of lymph nodes of inguinal region and lower limb	ICD-09-CM	Diagnosis
201.46	Hodgkin's disease, lymphocytic-histiocytic predominance of intrapelvic lymph nodes	ICD-09-CM	Diagnosis
201.47	Hodgkin's disease, lymphocytic-histiocytic predominance of spleen	ICD-09-CM	Diagnosis
201.48	Hodgkin's disease, lymphocytic-histiocytic predominance of lymph nodes of multiple sites	ICD-09-CM	Diagnosis
201.50	Hodgkin's disease, nodular sclerosis, unspecified site, extranodal and solid organ sites	ICD-09-CM	Diagnosis

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Code	Description	Code Type	Code Category
201.5	Hodgkin's disease, nodular sclerosis	ICD-09-CM	Diagnosis
201.51	Hodgkin's disease, nodular sclerosis, of lymph nodes of head, face, and neck	ICD-09-CM	Diagnosis
201.52	Hodgkin's disease, nodular sclerosis, of intrathoracic lymph nodes	ICD-09-CM	Diagnosis
201.53	Hodgkin's disease, nodular sclerosis, of intra-abdominal lymph nodes	ICD-09-CM	Diagnosis
201.54	Hodgkin's disease, nodular sclerosis, of lymph nodes of axilla and upper limb	ICD-09-CM	Diagnosis
201.55	Hodgkin's disease, nodular sclerosis, of lymph nodes of inguinal region and lower limb	ICD-09-CM	Diagnosis
201.56	Hodgkin's disease, nodular sclerosis, of intrapelvic lymph nodes	ICD-09-CM	Diagnosis
201.57	Hodgkin's disease, nodular sclerosis, of spleen	ICD-09-CM	Diagnosis
201.58	Hodgkin's disease, nodular sclerosis, of lymph nodes of multiple sites	ICD-09-CM	Diagnosis
201.6	Hodgkin's disease, mixed cellularity	ICD-09-CM	Diagnosis
201.60	Hodgkin's disease, mixed cellularity, unspecified site, extranodal and solid organ sites	ICD-09-CM	Diagnosis
201.61	Hodgkin's disease, mixed cellularity, involving lymph nodes of head, face, and neck	ICD-09-CM	Diagnosis
201.62	Hodgkin's disease, mixed cellularity, of intrathoracic lymph nodes	ICD-09-CM	Diagnosis
201.63	Hodgkin's disease, mixed cellularity, of intra-abdominal lymph nodes	ICD-09-CM	Diagnosis
201.64	Hodgkin's disease, mixed cellularity, of lymph nodes of axilla and upper limb	ICD-09-CM	Diagnosis
201.65	Hodgkin's disease, mixed cellularity, of lymph nodes of inguinal region and lower limb	ICD-09-CM	Diagnosis
201.66	Hodgkin's disease, mixed cellularity, of intrapelvic lymph nodes	ICD-09-CM	Diagnosis
201.67	Hodgkin's disease, mixed cellularity, of spleen	ICD-09-CM	Diagnosis
201.68	Hodgkin's disease, mixed cellularity, of lymph nodes of multiple sites	ICD-09-CM	Diagnosis
201.70	Hodgkin's disease, lymphocytic depletion, unspecified site, extranodal and solid organ sites	ICD-09-CM	Diagnosis
201.7	Hodgkin's disease, lymphocytic depletion	ICD-09-CM	Diagnosis
201.71	Hodgkin's disease, lymphocytic depletion, of lymph nodes of head, face, and neck	ICD-09-CM	Diagnosis
201.72	Hodgkin's disease, lymphocytic depletion, of intrathoracic lymph nodes	ICD-09-CM	Diagnosis
201.73	Hodgkin's disease, lymphocytic depletion, of intra-abdominal lymph nodes	ICD-09-CM	Diagnosis
201.74	Hodgkin's disease, lymphocytic depletion, of lymph nodes of axilla and upper limb	ICD-09-CM	Diagnosis
201.75	Hodgkin's disease, lymphocytic depletion, of lymph nodes of inguinal region and lower limb	ICD-09-CM	Diagnosis
201.76	Hodgkin's disease, lymphocytic depletion, of intrapelvic lymph nodes	ICD-09-CM	Diagnosis
201.77	Hodgkin's disease, lymphocytic depletion, of spleen	ICD-09-CM	Diagnosis
201.78	Hodgkin's disease, lymphocytic depletion, of lymph nodes of multiple sites	ICD-09-CM	Diagnosis
201.9	Hodgkin's disease, unspecified type	ICD-09-CM	Diagnosis
201.90	Hodgkin's disease, unspecified type, unspecified site, extranodal and solid organ sites	ICD-09-CM	Diagnosis
201.91	Hodgkin's disease, unspecified type, of lymph nodes of head, face, and neck	ICD-09-CM	Diagnosis
201.92	Hodgkin's disease, unspecified type, of intrathoracic lymph nodes	ICD-09-CM	Diagnosis

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Code	Description	Code Type	Code Category
201.93	Hodgkin's disease, unspecified type, of intra-abdominal lymph nodes	ICD-09-CM	Diagnosis
201.94	Hodgkin's disease, unspecified type, of lymph nodes of axilla and upper limb	ICD-09-CM	Diagnosis
201.95	Hodgkin's disease, unspecified type, of lymph nodes of inguinal region and lower limb	ICD-09-CM	Diagnosis
201.96	Hodgkin's disease, unspecified type, of intrapelvic lymph nodes	ICD-09-CM	Diagnosis
201.97	Hodgkin's disease, unspecified type, of spleen	ICD-09-CM	Diagnosis
201.98	Hodgkin's disease, unspecified type, of lymph nodes of multiple sites	ICD-09-CM	Diagnosis
202.0	Nodular lymphoma	ICD-09-CM	Diagnosis
202.00	Nodular lymphoma, unspecified site, extranodal and solid organ sites	ICD-09-CM	Diagnosis
202	Other malignant neoplasms of lymphoid and histiocytic tissue	ICD-09-CM	Diagnosis
202.01	Nodular lymphoma of lymph nodes of head, face, and neck	ICD-09-CM	Diagnosis
202.02	Nodular lymphoma of intrathoracic lymph nodes	ICD-09-CM	Diagnosis
202.03	Nodular lymphoma of intra-abdominal lymph nodes	ICD-09-CM	Diagnosis
202.04	Nodular lymphoma of lymph nodes of axilla and upper limb	ICD-09-CM	Diagnosis
202.05	Nodular lymphoma of lymph nodes of inguinal region and lower limb	ICD-09-CM	Diagnosis
202.06	Nodular lymphoma of intrapelvic lymph nodes	ICD-09-CM	Diagnosis
202.07	Nodular lymphoma of spleen	ICD-09-CM	Diagnosis
202.08	Nodular lymphoma of lymph nodes of multiple sites	ICD-09-CM	Diagnosis
202.1	Mycosis fungoides	ICD-09-CM	Diagnosis
202.10	Mycosis fungoides, unspecified site, extranodal and solid organ sites	ICD-09-CM	Diagnosis
202.11	Mycosis fungoides of lymph nodes of head, face, and neck	ICD-09-CM	Diagnosis
202.12	Mycosis fungoides of intrathoracic lymph nodes	ICD-09-CM	Diagnosis
202.13	Mycosis fungoides of intra-abdominal lymph nodes	ICD-09-CM	Diagnosis
202.14	Mycosis fungoides of lymph nodes of axilla and upper limb	ICD-09-CM	Diagnosis
202.15	Mycosis fungoides of lymph nodes of inguinal region and lower limb	ICD-09-CM	Diagnosis
202.16	Mycosis fungoides of intrapelvic lymph nodes	ICD-09-CM	Diagnosis
202.17	Mycosis fungoides of spleen	ICD-09-CM	Diagnosis
202.18	Mycosis fungoides of lymph nodes of multiple sites	ICD-09-CM	Diagnosis
202.2	Sezary's disease	ICD-09-CM	Diagnosis
202.20	Sezary's disease, unspecified site, extranodal and solid organ sites	ICD-09-CM	Diagnosis
202.21	Sezary's disease of lymph nodes of head, face, and neck	ICD-09-CM	Diagnosis
202.22	Sezary's disease of intrathoracic lymph nodes	ICD-09-CM	Diagnosis
202.23	Sezary's disease of intra-abdominal lymph nodes	ICD-09-CM	Diagnosis
202.24	Sezary's disease of lymph nodes of axilla and upper limb	ICD-09-CM	Diagnosis
202.25	Sezary's disease of lymph nodes of inguinal region and lower limb	ICD-09-CM	Diagnosis
202.26	Sezary's disease of intrapelvic lymph nodes	ICD-09-CM	Diagnosis
202.27	Sezary's disease of spleen	ICD-09-CM	Diagnosis
202.28	Sezary's disease of lymph nodes of multiple sites	ICD-09-CM	Diagnosis
202.30	Malignant histiocytosis, unspecified site, extranodal and solid organ sites	ICD-09-CM	Diagnosis
202.3	Malignant histiocytosis	ICD-09-CM	Diagnosis
202.31	Malignant histiocytosis of lymph nodes of head, face, and neck	ICD-09-CM	Diagnosis
202.32	Malignant histiocytosis of intrathoracic lymph nodes	ICD-09-CM	Diagnosis

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Code	Description	Code Type	Code Category
202.33	Malignant histiocytosis of intra-abdominal lymph nodes	ICD-09-CM	Diagnosis
202.34	Malignant histiocytosis of lymph nodes of axilla and upper limb	ICD-09-CM	Diagnosis
202.35	Malignant histiocytosis of lymph nodes of inguinal region and lower limb	ICD-09-CM	Diagnosis
202.36	Malignant histiocytosis of intrapelvic lymph nodes	ICD-09-CM	Diagnosis
202.37	Malignant histiocytosis of spleen	ICD-09-CM	Diagnosis
202.38	Malignant histiocytosis of lymph nodes of multiple sites	ICD-09-CM	Diagnosis
202.4	Leukemic reticuloendotheliosis	ICD-09-CM	Diagnosis
202.40	Leukemic reticuloendotheliosis, unspecified site, extranodal and solid organ sites	ICD-09-CM	Diagnosis
202.41	Leukemic reticuloendotheliosis of lymph nodes of head, face, and neck	ICD-09-CM	Diagnosis
202.42	Leukemic reticuloendotheliosis of intrathoracic lymph nodes	ICD-09-CM	Diagnosis
202.43	Leukemic reticuloendotheliosis of intra-abdominal lymph nodes	ICD-09-CM	Diagnosis
202.44	Leukemic reticuloendotheliosis of lymph nodes of axilla and upper limb	ICD-09-CM	Diagnosis
202.45	Leukemic reticuloendotheliosis of lymph nodes of inguinal region and lower limb	ICD-09-CM	Diagnosis
202.46	Leukemic reticuloendotheliosis of intrapelvic lymph nodes	ICD-09-CM	Diagnosis
202.47	Leukemic reticuloendotheliosis of spleen	ICD-09-CM	Diagnosis
202.48	Leukemic reticuloendotheliosis of lymph nodes of multiple sites	ICD-09-CM	Diagnosis
202.5	Letterer-Siwe disease	ICD-09-CM	Diagnosis
202.50	Letterer-Siwe disease, unspecified site, extranodal and solid organ sites	ICD-09-CM	Diagnosis
202.51	Letterer-Siwe disease of lymph nodes of head, face, and neck	ICD-09-CM	Diagnosis
202.52	Letterer-Siwe disease of intrathoracic lymph nodes	ICD-09-CM	Diagnosis
202.53	Letterer-Siwe disease of intra-abdominal lymph nodes	ICD-09-CM	Diagnosis
202.54	Letterer-Siwe disease of lymph nodes of axilla and upper limb	ICD-09-CM	Diagnosis
202.55	Letterer-Siwe disease of lymph nodes of inguinal region and lower limb	ICD-09-CM	Diagnosis
202.56	Letterer-Siwe disease of intrapelvic lymph nodes	ICD-09-CM	Diagnosis
202.57	Letterer-Siwe disease of spleen	ICD-09-CM	Diagnosis
202.58	Letterer-Siwe disease of lymph nodes of multiple sites	ICD-09-CM	Diagnosis
202.60	Malignant mast cell tumors, unspecified site, extranodal and solid organ sites	ICD-09-CM	Diagnosis
202.6	Malignant mast cell tumors	ICD-09-CM	Diagnosis
202.61	Malignant mast cell tumors of lymph nodes of head, face, and neck	ICD-09-CM	Diagnosis
202.62	Malignant mast cell tumors of intrathoracic lymph nodes	ICD-09-CM	Diagnosis
202.63	Malignant mast cell tumors of intra-abdominal lymph nodes	ICD-09-CM	Diagnosis
202.64	Malignant mast cell tumors of lymph nodes of axilla and upper limb	ICD-09-CM	Diagnosis
202.65	Malignant mast cell tumors of lymph nodes of inguinal region and lower limb	ICD-09-CM	Diagnosis
202.66	Malignant mast cell tumors of intrapelvic lymph nodes	ICD-09-CM	Diagnosis
202.67	Malignant mast cell tumors of spleen	ICD-09-CM	Diagnosis
202.68	Malignant mast cell tumors of lymph nodes of multiple sites	ICD-09-CM	Diagnosis
202.7	Peripheral T-cell lymphoma	ICD-09-CM	Diagnosis
202.70	Peripheral T-cell lymphoma, unspecified site, extranodal and solid organ sites	ICD-09-CM	Diagnosis
202.71	Peripheral T-cell lymphoma, lymph nodes of head, face, and neck	ICD-09-CM	Diagnosis
202.72	Peripheral T-cell lymphoma, intrathoracic lymph nodes	ICD-09-CM	Diagnosis

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Code	Description	Code Type	Code Category
202.73	Peripheral T-cell lymphoma, intra-abdominal lymph nodes	ICD-09-CM	Diagnosis
202.74	Peripheral T-cell lymphoma, lymph nodes of axilla and upper limb	ICD-09-CM	Diagnosis
202.75	Peripheral T-cell lymphoma, lymph nodes of inguinal region and lower limb	ICD-09-CM	Diagnosis
202.76	Peripheral T-cell lymphoma, intrapelvic lymph nodes	ICD-09-CM	Diagnosis
202.77	Peripheral T-cell lymphoma, spleen	ICD-09-CM	Diagnosis
202.78	Peripheral T-cell lymphoma, lymph nodes of multiple sites	ICD-09-CM	Diagnosis
202.80	Other malignant lymphomas, unspecified site, extranodal and solid organ sites	ICD-09-CM	Diagnosis
202.8	Other malignant lymphomas	ICD-09-CM	Diagnosis
202.81	Other malignant lymphomas of lymph nodes of head, face, and neck	ICD-09-CM	Diagnosis
202.82	Other malignant lymphomas of intrathoracic lymph nodes	ICD-09-CM	Diagnosis
202.83	Other malignant lymphomas of intra-abdominal lymph nodes	ICD-09-CM	Diagnosis
202.84	Other malignant lymphomas of lymph nodes of axilla and upper limb	ICD-09-CM	Diagnosis
202.85	Other malignant lymphomas of lymph nodes of inguinal region and lower limb	ICD-09-CM	Diagnosis
202.86	Other malignant lymphomas of intrapelvic lymph nodes	ICD-09-CM	Diagnosis
202.87	Other malignant lymphomas of spleen	ICD-09-CM	Diagnosis
202.88	Other malignant lymphomas of lymph nodes of multiple sites	ICD-09-CM	Diagnosis
202.90	Other and unspecified malignant neoplasms of lymphoid and histiocytic tissue, unspecified site, extranodal and solid organ sites	ICD-09-CM	Diagnosis
202.9	Other and unspecified malignant neoplasms of lymphoid and histiocytic tissue	ICD-09-CM	Diagnosis
202.91	Other and unspecified malignant neoplasms of lymphoid and histiocytic tissue of lymph nodes of head, face, and neck	ICD-09-CM	Diagnosis
202.92	Other and unspecified malignant neoplasms of lymphoid and histiocytic tissue of intrathoracic lymph nodes	ICD-09-CM	Diagnosis
202.93	Other and unspecified malignant neoplasms of lymphoid and histiocytic tissue of intra-abdominal lymph nodes	ICD-09-CM	Diagnosis
202.94	Other and unspecified malignant neoplasms of lymphoid and histiocytic tissue of lymph nodes of axilla and upper limb	ICD-09-CM	Diagnosis
202.95	Other and unspecified malignant neoplasms of lymphoid and histiocytic tissue of lymph nodes of inguinal region and lower limb	ICD-09-CM	Diagnosis
202.96	Other and unspecified malignant neoplasms of lymphoid and histiocytic tissue of intrapelvic lymph nodes	ICD-09-CM	Diagnosis
202.97	Other and unspecified malignant neoplasms of lymphoid and histiocytic tissue of spleen	ICD-09-CM	Diagnosis
202.98	Other and unspecified malignant neoplasms of lymphoid and histiocytic tissue of lymph nodes of multiple sites	ICD-09-CM	Diagnosis
203	Multiple myeloma without mention of having achieved remission, failed remission	ICD-09-CM	Diagnosis
203.0	Multiple myeloma	ICD-09-CM	Diagnosis
203.00	Multiple myeloma, without mention of having achieved remission	ICD-09-CM	Diagnosis
203.01	Multiple myeloma in remission	ICD-09-CM	Diagnosis
203.02	Multiple myeloma in relapse	ICD-09-CM	Diagnosis

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Code	Description	Code Type	Code Category
203.1	Plasma cell leukemia without mention of having achieved remission, failed remission	ICD-09-CM	Diagnosis
203.10	Plasma cell leukemia, without mention of having achieved remission	ICD-09-CM	Diagnosis
203.11	Plasma cell leukemia in remission	ICD-09-CM	Diagnosis
203.11	Plasma cell leukemia in remission	ICD-09-CM	Diagnosis
203.12	Plasma cell leukemia in relapse	ICD-09-CM	Diagnosis
203.12	Plasma cell leukemia, in relapse	ICD-09-CM	Diagnosis
203.8	Other immunoproliferative neoplasms without mention of having achieved remission	ICD-09-CM	Diagnosis
203.80	Other immunoproliferative neoplasms, without mention of having achieved remission	ICD-09-CM	Diagnosis
203.81	Other immunoproliferative neoplasms in remission	ICD-09-CM	Diagnosis
203.82	Other immunoproliferative neoplasms in relapse	ICD-09-CM	Diagnosis
204	Acute lymphoid leukemia without mention of having achieved remission, failed remission	ICD-09-CM	Diagnosis
204.0	Acute lymphoid leukemia	ICD-09-CM	Diagnosis
204.00	Acute lymphoid leukemia, without mention of having achieved remission	ICD-09-CM	Diagnosis
204	Lymphoid leukemia	ICD-09-CM	Diagnosis
204.01	Acute lymphoid leukemia in remission	ICD-09-CM	Diagnosis
204.02	Acute lymphoid leukemia in relapse	ICD-09-CM	Diagnosis
204.1	Acute lymphoid leukemia	ICD-09-CM	Diagnosis
204.10	Chronic lymphoid leukemia, without mention of having achieved remission	ICD-09-CM	Diagnosis
204.11	Acute lymphoid leukemia in remission	ICD-09-CM	Diagnosis
204.11	Chronic lymphoid leukemia in remission	ICD-09-CM	Diagnosis
204.12	Acute lymphoid leukemia in relapse	ICD-09-CM	Diagnosis
204.2	Subacute lymphoid leukemia	ICD-09-CM	Diagnosis
204.20	Subacute lymphoid leukemia, without mention of having achieved remission	ICD-09-CM	Diagnosis
204.21	Subacute lymphoid leukemia in remission	ICD-09-CM	Diagnosis
204.22	Subacute lymphoid leukemia, in relapse	ICD-09-CM	Diagnosis
204.8	Other lymphoid leukemia without mention of having achieved remission, failed remission	ICD-09-CM	Diagnosis
204.80	Other lymphoid leukemia, without mention of having achieved remission	ICD-09-CM	Diagnosis
204.81	Other lymphoid leukemia in remission	ICD-09-CM	Diagnosis
204.82	Other lymphoid leukemia in relapse	ICD-09-CM	Diagnosis
204.9	Unspecified lymphoid leukemia without mention of having achieved remission, failed remission	ICD-09-CM	Diagnosis
204.90	Unspecified lymphoid leukemia, without mention of having achieved remission	ICD-09-CM	Diagnosis
204.91	Unspecified lymphoid leukemia in remission	ICD-09-CM	Diagnosis
204.92	Unspecified lymphoid leukemia in relapse	ICD-09-CM	Diagnosis
205	Acute myeloid leukemia without mention of having achieved remission, failed remission	ICD-09-CM	Diagnosis
205.0	Acute myeloid leukemia	ICD-09-CM	Diagnosis

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Code	Description	Code Type	Code Category
205.00	Acute myeloid leukemia, without mention of having achieved remission	ICD-09-CM	Diagnosis
205	Myeloid leukemia	ICD-09-CM	Diagnosis
205.01	Acute myeloid leukemia in remission	ICD-09-CM	Diagnosis
205.02	Acute myeloid leukemia in relapse	ICD-09-CM	Diagnosis
205.1	Chronic myeloid leukemia without mention of having achieved remission, failed remission	ICD-09-CM	Diagnosis
205.10	Chronic myeloid leukemia, without mention of having achieved remission	ICD-09-CM	Diagnosis
205.11	Chronic myeloid leukemia in remission	ICD-09-CM	Diagnosis
205.12	Chronic myeloid leukemia in relapse	ICD-09-CM	Diagnosis
205.2	Subacute myeloid leukemia without mention of having achieved remission, failed remission	ICD-09-CM	Diagnosis
205.20	Subacute myeloid leukemia, without mention of having achieved remission	ICD-09-CM	Diagnosis
205.21	Subacute myeloid leukemia in remission	ICD-09-CM	Diagnosis
205.22	Subacute myeloid leukemia in relapse	ICD-09-CM	Diagnosis
205.3	Myeloid sarcoma without mention of having achieved remission, failed remission	ICD-09-CM	Diagnosis
205.30	Myeloid sarcoma, without mention of having achieved remission	ICD-09-CM	Diagnosis
205.31	Myeloid sarcoma in remission	ICD-09-CM	Diagnosis
205.32	Myeloid sarcoma in relapse	ICD-09-CM	Diagnosis
205.8	Chronic myeloid leukemia in remission without mention of having achieved remission	ICD-09-CM	Diagnosis
205.80	Other myeloid leukemia, without mention of having achieved remission	ICD-09-CM	Diagnosis
205.81	Chronic myeloid leukemia in remission	ICD-09-CM	Diagnosis
205.82	Chronic myeloid leukemia in relapse	ICD-09-CM	Diagnosis
205.9	Unspecified myeloid leukemia without mention of having achieved remission, failed remission	ICD-09-CM	Diagnosis
205.90	Unspecified myeloid leukemia, without mention of having achieved remission	ICD-09-CM	Diagnosis
205.91	Unspecified myeloid leukemia in remission	ICD-09-CM	Diagnosis
205.92	Unspecified myel	ICD-09-CM	Diagnosis
206	Acute monocytic leukemia without mention of having achieved remission, failed remission	ICD-09-CM	Diagnosis
206.0	Acute monocytic leukemia	ICD-09-CM	Diagnosis
206.00	Acute monocytic leukemia, without mention of having achieved remission	ICD-09-CM	Diagnosis
206.01	Acute monocytic leukemia in remission	ICD-09-CM	Diagnosis
206.02	Acute monocytic leukemia in relapse	ICD-09-CM	Diagnosis
206.1	Chronic monocytic leukemia without mention of having achieved remission, failed remission	ICD-09-CM	Diagnosis
206.10	Chronic monocytic leukemia, without mention of having achieved remission	ICD-09-CM	Diagnosis
206.11	Chronic monocytic leukemia in remission	ICD-09-CM	Diagnosis
206.12	Chronic monocytic leukemia in relapse	ICD-09-CM	Diagnosis
206.2	Subacute monocytic leukemia without mention of having achieved remission	ICD-09-CM	Diagnosis
206.20	Subacute monocytic leukemia, without mention of having achieved remission	ICD-09-CM	Diagnosis

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Code	Description	Code Type	Code Category
206.21	Subacute monocytic leukemia in remission	ICD-09-CM	Diagnosis
206.22	Subacute monocytic leukemia in relapse	ICD-09-CM	Diagnosis
206.8	Other monocytic leukemia without mention of having achieved remission, failed remission	ICD-09-CM	Diagnosis
206.80	Other monocytic leukemia, without mention of having achieved remission	ICD-09-CM	Diagnosis
206.81	Other monocytic leukemia in remission	ICD-09-CM	Diagnosis
206.82	Other monocytic leukemia in relapse	ICD-09-CM	Diagnosis
206.90	Unspecified monocytic leukemia, without mention of having achieved remission	ICD-09-CM	Diagnosis
206.9	Unspecified monocytic leukemia	ICD-09-CM	Diagnosis
206.91	Unspecified monocytic leukemia in remission	ICD-09-CM	Diagnosis
206.92	Unspecified monocytic leukemia, in relapse	ICD-09-CM	Diagnosis
207	Acute erythremia and erythroleukemia without mention of having achieved remission, failed remission	ICD-09-CM	Diagnosis
207.00	Acute erythremia and erythroleukemia, without mention of having achieved remission	ICD-09-CM	Diagnosis
207.0	Acute erythremia and erythroleukemia	ICD-09-CM	Diagnosis
207	Other specified leukemia	ICD-09-CM	Diagnosis
207.01	Acute erythremia and erythroleukemia, in remission	ICD-09-CM	Diagnosis
207.01	Acute erythremia and erythroleukemia in remission	ICD-09-CM	Diagnosis
207.02	Acute erythremia and erythroleukemia, in relapse	ICD-09-CM	Diagnosis
207.02	Acute erythremia and erythroleukemia, in relapse	ICD-09-CM	Diagnosis
207.10	Chronic erythremia, without mention of having achieved remission	ICD-09-CM	Diagnosis
207.1	Chronic erythremia	ICD-09-CM	Diagnosis
207.11	Chronic erythremia in remission	ICD-09-CM	Diagnosis
207.12	Chronic erythremia, in relapse	ICD-09-CM	Diagnosis
207.2	Megakaryocytic leukemia without mention of having achieved remission, failed remission	ICD-09-CM	Diagnosis
207.20	Megakaryocytic leukemia, without mention of having achieved remission	ICD-09-CM	Diagnosis
207.21	Megakaryocytic leukemia in remission	ICD-09-CM	Diagnosis
207.22	Megakaryocytic leukemia in relapse	ICD-09-CM	Diagnosis
207.8	Other specified leukemia without mention of having achieved remission, failed remission	ICD-09-CM	Diagnosis
207.80	Other specified leukemia, without mention of having achieved remission	ICD-09-CM	Diagnosis
207.81	Other specified leukemia in remission	ICD-09-CM	Diagnosis
207.82	Other specified leukemia in relapse	ICD-09-CM	Diagnosis
208	Acute leukemia without mention of having achieved remission, failed remission	ICD-09-CM	Diagnosis
208.0	Acute leukemia of unspecified cell type	ICD-09-CM	Diagnosis
208.00	Acute leukemia of unspecified cell type, without mention of having achieved remission	ICD-09-CM	Diagnosis
208.01	Acute leukemia in remission	ICD-09-CM	Diagnosis

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Code	Description	Code Type	Code Category
208.02	Acute leukemia in relapse	ICD-09-CM	Diagnosis
208.1	Chronic leukemia without mention of having achieved remission, failed remission	ICD-09-CM	Diagnosis
208.10	Chronic leukemia of unspecified cell type, without mention of having achieved remission	ICD-09-CM	Diagnosis
208.11	Chronic leukemia in remission	ICD-09-CM	Diagnosis
208.12	Chronic leukemia in relapse	ICD-09-CM	Diagnosis
208.2	Subacute leukemia without mention of having achieved remission	ICD-09-CM	Diagnosis
208.20	Subacute leukemia of unspecified cell type, without mention of having achieved remission	ICD-09-CM	Diagnosis
208.21	Subacute leukemia in remission	ICD-09-CM	Diagnosis
208.22	Subacute leukemia in relapse	ICD-09-CM	Diagnosis
208.8	Other leukemia of unspecified cell type without mention of having achieved remission	ICD-09-CM	Diagnosis
208.80	Other leukemia of unspecified cell type, without mention of having achieved remission	ICD-09-CM	Diagnosis
208.81	Other leukemia of unspecified cell type in remission	ICD-09-CM	Diagnosis
208.82	Other leukemia of unspecified cell type in relapse	ICD-09-CM	Diagnosis
208.90	Unspecified leukemia, without mention of having achieved remission	ICD-09-CM	Diagnosis
208.9	Unspecified leukemia	ICD-09-CM	Diagnosis
208.91	Unspecified leukemia in remission	ICD-09-CM	Diagnosis
208.92	Unspecified leukemia, in relapse	ICD-09-CM	Diagnosis
238.79	Other lymphatic and hematopoietic tissues	ICD-09-CM	Diagnosis
273.3	Waldenstrom's macroglobulinemia	ICD-09-CM	Diagnosis
277.89	Other specified disorders of metabolism	ICD-09-CM	Diagnosis
Cancer, other			
140	Malignant neoplasm of lip	ICD-09-CM	Diagnosis
140.0	Malignant neoplasm of upper lip, vermilion border	ICD-09-CM	Diagnosis
140.1	Malignant neoplasm of lower lip, vermilion border	ICD-09-CM	Diagnosis
140.3	Malignant neoplasm of upper lip, inner aspect	ICD-09-CM	Diagnosis
140.4	Malignant neoplasm of lower lip, inner aspect	ICD-09-CM	Diagnosis
140.5	Malignant neoplasm of lip, inner aspect, unspecified as to upper or lower	ICD-09-CM	Diagnosis
140.6	Malignant neoplasm of commissure of lip	ICD-09-CM	Diagnosis
140.8	Malignant neoplasm of other sites of lip	ICD-09-CM	Diagnosis
140.9	Malignant neoplasm of lip, vermilion border, unspecified as to upper or lower	ICD-09-CM	Diagnosis
141	Malignant neoplasm of tongue	ICD-09-CM	Diagnosis
141.0	Malignant neoplasm of base of tongue	ICD-09-CM	Diagnosis
141.1	Malignant neoplasm of dorsal surface of tongue	ICD-09-CM	Diagnosis
141.2	Malignant neoplasm of tip and lateral border of tongue	ICD-09-CM	Diagnosis
141.3	Malignant neoplasm of ventral surface of tongue	ICD-09-CM	Diagnosis
141.4	Malignant neoplasm of anterior two-thirds of tongue, part unspecified	ICD-09-CM	Diagnosis
141.5	Malignant neoplasm of junctional zone of tongue	ICD-09-CM	Diagnosis

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Code	Description	Code Type	Code Category
141.6	Malignant neoplasm of lingual tonsil	ICD-09-CM	Diagnosis
141.8	Malignant neoplasm of other sites of tongue	ICD-09-CM	Diagnosis
141.9	Malignant neoplasm of tongue, unspecified site	ICD-09-CM	Diagnosis
142	Malignant neoplasm of major salivary glands	ICD-09-CM	Diagnosis
142.0	Malignant neoplasm of parotid gland	ICD-09-CM	Diagnosis
142.1	Malignant neoplasm of submandibular gland	ICD-09-CM	Diagnosis
142.2	Malignant neoplasm of sublingual gland	ICD-09-CM	Diagnosis
142.8	Malignant neoplasm of other major salivary glands	ICD-09-CM	Diagnosis
142.9	Malignant neoplasm of salivary gland, unspecified	ICD-09-CM	Diagnosis
143	Malignant neoplasm of gum	ICD-09-CM	Diagnosis
143.0	Malignant neoplasm of upper gum	ICD-09-CM	Diagnosis
143.1	Malignant neoplasm of lower gum	ICD-09-CM	Diagnosis
143.8	Malignant neoplasm of other sites of gum	ICD-09-CM	Diagnosis
143.9	Malignant neoplasm of gum, unspecified site	ICD-09-CM	Diagnosis
144	Malignant neoplasm of floor of mouth	ICD-09-CM	Diagnosis
144.0	Malignant neoplasm of anterior portion of floor of mouth	ICD-09-CM	Diagnosis
144.1	Malignant neoplasm of lateral portion of floor of mouth	ICD-09-CM	Diagnosis
144.8	Malignant neoplasm of other sites of floor of mouth	ICD-09-CM	Diagnosis
144.9	Malignant neoplasm of floor of mouth, part unspecified	ICD-09-CM	Diagnosis
145	Malignant neoplasm of other and unspecified parts of mouth	ICD-09-CM	Diagnosis
145.0	Malignant neoplasm of cheek mucosa	ICD-09-CM	Diagnosis
145.1	Malignant neoplasm of vestibule of mouth	ICD-09-CM	Diagnosis
145.2	Malignant neoplasm of hard palate	ICD-09-CM	Diagnosis
145.3	Malignant neoplasm of soft palate	ICD-09-CM	Diagnosis
145.4	Malignant neoplasm of uvula	ICD-09-CM	Diagnosis
145.5	Malignant neoplasm of palate, unspecified	ICD-09-CM	Diagnosis
145.6	Malignant neoplasm of retromolar area	ICD-09-CM	Diagnosis
145.8	Malignant neoplasm of other specified parts of mouth	ICD-09-CM	Diagnosis
145.9	Malignant neoplasm of mouth, unspecified site	ICD-09-CM	Diagnosis
146	Malignant neoplasm of oropharynx	ICD-09-CM	Diagnosis
146.0	Malignant neoplasm of tonsil	ICD-09-CM	Diagnosis
146.1	Malignant neoplasm of tonsillar fossa	ICD-09-CM	Diagnosis
146.2	Malignant neoplasm of tonsillar pillars (anterior) (posterior)	ICD-09-CM	Diagnosis
146.3	Malignant neoplasm of vallecula	ICD-09-CM	Diagnosis
146.4	Malignant neoplasm of anterior aspect of epiglottis	ICD-09-CM	Diagnosis
146.5	Malignant neoplasm of junctional region of oropharynx	ICD-09-CM	Diagnosis
146.6	Malignant neoplasm of lateral wall of oropharynx	ICD-09-CM	Diagnosis
146.7	Malignant neoplasm of posterior wall of oropharynx	ICD-09-CM	Diagnosis
146.8	Malignant neoplasm of other specified sites of oropharynx	ICD-09-CM	Diagnosis
146.9	Malignant neoplasm of oropharynx, unspecified site	ICD-09-CM	Diagnosis
147	Malignant neoplasm of nasopharynx	ICD-09-CM	Diagnosis
147.0	Malignant neoplasm of superior wall of nasopharynx	ICD-09-CM	Diagnosis

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Code	Description	Code Type	Code Category
147.1	Malignant neoplasm of posterior wall of nasopharynx	ICD-09-CM	Diagnosis
147.2	Malignant neoplasm of lateral wall of nasopharynx	ICD-09-CM	Diagnosis
147.3	Malignant neoplasm of anterior wall of nasopharynx	ICD-09-CM	Diagnosis
147.8	Malignant neoplasm of other specified sites of nasopharynx	ICD-09-CM	Diagnosis
147.9	Malignant neoplasm of nasopharynx, unspecified site	ICD-09-CM	Diagnosis
148	Malignant neoplasm of hypopharynx	ICD-09-CM	Diagnosis
148.0	Malignant neoplasm of postcricoid region of hypopharynx	ICD-09-CM	Diagnosis
148.1	Malignant neoplasm of pyriform sinus	ICD-09-CM	Diagnosis
148.2	Malignant neoplasm of aryepiglottic fold, hypopharyngeal aspect	ICD-09-CM	Diagnosis
148.3	Malignant neoplasm of posterior hypopharyngeal wall	ICD-09-CM	Diagnosis
148.8	Malignant neoplasm of other specified sites of hypopharynx	ICD-09-CM	Diagnosis
148.9	Malignant neoplasm of hypopharynx, unspecified site	ICD-09-CM	Diagnosis
149	Malignant neoplasm of other and ill-defined sites within the lip, oral cavity, and pharynx	ICD-09-CM	Diagnosis
149.0	Malignant neoplasm of pharynx, unspecified	ICD-09-CM	Diagnosis
149.1	Malignant neoplasm of Waldeyer's ring	ICD-09-CM	Diagnosis
149.8	Malignant neoplasm of other sites within the lip and oral cavity	ICD-09-CM	Diagnosis
149.9	Malignant neoplasm of ill-defined sites of lip and oral cavity	ICD-09-CM	Diagnosis
150	Malignant neoplasm of esophagus	ICD-09-CM	Diagnosis
150.0	Malignant neoplasm of cervical esophagus	ICD-09-CM	Diagnosis
150.1	Malignant neoplasm of thoracic esophagus	ICD-09-CM	Diagnosis
150.2	Malignant neoplasm of abdominal esophagus	ICD-09-CM	Diagnosis
150.3	Malignant neoplasm of upper third of esophagus	ICD-09-CM	Diagnosis
150.4	Malignant neoplasm of middle third of esophagus	ICD-09-CM	Diagnosis
150.5	Malignant neoplasm of lower third of esophagus	ICD-09-CM	Diagnosis
150.8	Malignant neoplasm of other specified part of esophagus	ICD-09-CM	Diagnosis
150.9	Malignant neoplasm of esophagus, unspecified site	ICD-09-CM	Diagnosis
151	Malignant neoplasm of stomach	ICD-09-CM	Diagnosis
151.0	Malignant neoplasm of cardia	ICD-09-CM	Diagnosis
151.1	Malignant neoplasm of pylorus	ICD-09-CM	Diagnosis
151.2	Malignant neoplasm of pyloric antrum	ICD-09-CM	Diagnosis
151.3	Malignant neoplasm of fundus of stomach	ICD-09-CM	Diagnosis
151.4	Malignant neoplasm of body of stomach	ICD-09-CM	Diagnosis
151.5	Malignant neoplasm of lesser curvature of stomach, unspecified	ICD-09-CM	Diagnosis
151.6	Malignant neoplasm of greater curvature of stomach, unspecified	ICD-09-CM	Diagnosis
151.8	Malignant neoplasm of other specified sites of stomach	ICD-09-CM	Diagnosis
151.9	Malignant neoplasm of stomach, unspecified site	ICD-09-CM	Diagnosis
152	Malignant neoplasm of small intestine, including duodenum	ICD-09-CM	Diagnosis
152.0	Malignant neoplasm of duodenum	ICD-09-CM	Diagnosis
152.1	Malignant neoplasm of jejunum	ICD-09-CM	Diagnosis
152.2	Malignant neoplasm of ileum	ICD-09-CM	Diagnosis
152.3	Malignant neoplasm of Meckel's diverticulum	ICD-09-CM	Diagnosis
152.8	Malignant neoplasm of other specified sites of small intestine	ICD-09-CM	Diagnosis

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Code	Description	Code Type	Code Category
152.9	Malignant neoplasm of small intestine, unspecified site	ICD-09-CM	Diagnosis
153	Malignant neoplasm of colon	ICD-09-CM	Diagnosis
153.0	Malignant neoplasm of hepatic flexure	ICD-09-CM	Diagnosis
153.1	Malignant neoplasm of transverse colon	ICD-09-CM	Diagnosis
153.2	Malignant neoplasm of descending colon	ICD-09-CM	Diagnosis
153.3	Malignant neoplasm of sigmoid colon	ICD-09-CM	Diagnosis
153.4	Malignant neoplasm of cecum	ICD-09-CM	Diagnosis
153.5	Malignant neoplasm of appendix	ICD-09-CM	Diagnosis
153.6	Malignant neoplasm of ascending colon	ICD-09-CM	Diagnosis
153.7	Malignant neoplasm of splenic flexure	ICD-09-CM	Diagnosis
153.8	Malignant neoplasm of other specified sites of large intestine	ICD-09-CM	Diagnosis
153.9	Malignant neoplasm of colon, unspecified site	ICD-09-CM	Diagnosis
154	Malignant neoplasm of rectum, rectosigmoid junction, and anus	ICD-09-CM	Diagnosis
154.0	Malignant neoplasm of rectosigmoid junction	ICD-09-CM	Diagnosis
154.1	Malignant neoplasm of rectum	ICD-09-CM	Diagnosis
154.2	Malignant neoplasm of anal canal	ICD-09-CM	Diagnosis
154.3	Malignant neoplasm of anus, unspecified site	ICD-09-CM	Diagnosis
154.8	Malignant neoplasm of other sites of rectum, rectosigmoid junction, and anus	ICD-09-CM	Diagnosis
155	Malignant neoplasm of liver and intrahepatic bile ducts	ICD-09-CM	Diagnosis
155.0	Malignant neoplasm of liver, primary	ICD-09-CM	Diagnosis
155.1	Malignant neoplasm of intrahepatic bile ducts	ICD-09-CM	Diagnosis
155.2	Malignant neoplasm of liver, not specified as primary or secondary	ICD-09-CM	Diagnosis
156	Malignant neoplasm of gallbladder and extrahepatic bile ducts	ICD-09-CM	Diagnosis
156.0	Malignant neoplasm of gallbladder	ICD-09-CM	Diagnosis
156.1	Malignant neoplasm of extrahepatic bile ducts	ICD-09-CM	Diagnosis
156.2	Malignant neoplasm of ampulla of Vater	ICD-09-CM	Diagnosis
156.8	Malignant neoplasm of other specified sites of gallbladder and extrahepatic bile ducts	ICD-09-CM	Diagnosis
156.9	Malignant neoplasm of biliary tract, part unspecified site	ICD-09-CM	Diagnosis
157	Malignant neoplasm of pancreas	ICD-09-CM	Diagnosis
157.0	Malignant neoplasm of head of pancreas	ICD-09-CM	Diagnosis
157.1	Malignant neoplasm of body of pancreas	ICD-09-CM	Diagnosis
157.2	Malignant neoplasm of tail of pancreas	ICD-09-CM	Diagnosis
157.3	Malignant neoplasm of pancreatic duct	ICD-09-CM	Diagnosis
157.4	Malignant neoplasm of islets of Langerhans	ICD-09-CM	Diagnosis
157.8	Malignant neoplasm of other specified sites of pancreas	ICD-09-CM	Diagnosis
157.9	Malignant neoplasm of pancreas, part unspecified	ICD-09-CM	Diagnosis
158	Malignant neoplasm of retroperitoneum and peritoneum	ICD-09-CM	Diagnosis
158.0	Malignant neoplasm of retroperitoneum	ICD-09-CM	Diagnosis
158.8	Malignant neoplasm of specified parts of peritoneum	ICD-09-CM	Diagnosis
158.9	Malignant neoplasm of peritoneum, unspecified	ICD-09-CM	Diagnosis
159	Malignant neoplasm of other and ill-defined sites within the digestive organs and peritor	ICD-09-CM	Diagnosis
159.0	Malignant neoplasm of intestinal tract, part unspecified	ICD-09-CM	Diagnosis

Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedural Classification System (ICD-10-PCS), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Type	Code Category
159.1	Malignant neoplasm of spleen, not elsewhere classified	ICD-09-CM	Diagnosis
159.8	Malignant neoplasm of other sites of digestive system and intra-abdominal organs	ICD-09-CM	Diagnosis
159.9	Malignant neoplasm of ill-defined sites of digestive organs and peritoneum	ICD-09-CM	Diagnosis
160	Malignant neoplasm of nasal cavities, middle ear, and accessory sinuses	ICD-09-CM	Diagnosis
160.0	Malignant neoplasm of nasal cavities	ICD-09-CM	Diagnosis
160.1	Malignant neoplasm of auditory tube, middle ear, and mastoid air cells	ICD-09-CM	Diagnosis
160.2	Malignant neoplasm of maxillary sinus	ICD-09-CM	Diagnosis
160.3	Malignant neoplasm of ethmoidal sinus	ICD-09-CM	Diagnosis
160.4	Malignant neoplasm of frontal sinus	ICD-09-CM	Diagnosis
160.5	Malignant neoplasm of sphenoidal sinus	ICD-09-CM	Diagnosis
160.8	Malignant neoplasm of other sites of nasal cavities, middle ear, and accessory sinuses	ICD-09-CM	Diagnosis
160.9	Malignant neoplasm of site of nasal cavities, middle ear, and accessory sinus, unspecified	ICD-09-CM	Diagnosis
161	Malignant neoplasm of larynx	ICD-09-CM	Diagnosis
161.0	Malignant neoplasm of glottis	ICD-09-CM	Diagnosis
161.1	Malignant neoplasm of supraglottis	ICD-09-CM	Diagnosis
161.2	Malignant neoplasm of subglottis	ICD-09-CM	Diagnosis
161.3	Malignant neoplasm of laryngeal cartilages	ICD-09-CM	Diagnosis
161.8	Malignant neoplasm of other specified sites of larynx	ICD-09-CM	Diagnosis
161.9	Malignant neoplasm of larynx, unspecified site	ICD-09-CM	Diagnosis
162	Malignant neoplasm of trachea, bronchus, and lung	ICD-09-CM	Diagnosis
162.0	Malignant neoplasm of trachea	ICD-09-CM	Diagnosis
162.2	Malignant neoplasm of main bronchus	ICD-09-CM	Diagnosis
162.3	Malignant neoplasm of upper lobe, bronchus, or lung	ICD-09-CM	Diagnosis
162.4	Malignant neoplasm of middle lobe, bronchus, or lung	ICD-09-CM	Diagnosis
162.5	Malignant neoplasm of lower lobe, bronchus, or lung	ICD-09-CM	Diagnosis
162.8	Malignant neoplasm of other parts of bronchus or lung	ICD-09-CM	Diagnosis
162.9	Malignant neoplasm of bronchus and lung, unspecified site	ICD-09-CM	Diagnosis
163	Malignant neoplasm of pleura	ICD-09-CM	Diagnosis
163.0	Malignant neoplasm of parietal pleura	ICD-09-CM	Diagnosis
163.1	Malignant neoplasm of visceral pleura	ICD-09-CM	Diagnosis
163.8	Malignant neoplasm of other specified sites of pleura	ICD-09-CM	Diagnosis
163.9	Malignant neoplasm of pleura, unspecified site	ICD-09-CM	Diagnosis
164	Malignant neoplasm of thymus, heart, and mediastinum	ICD-09-CM	Diagnosis
164.0	Malignant neoplasm of thymus	ICD-09-CM	Diagnosis
164.1	Malignant neoplasm of heart	ICD-09-CM	Diagnosis
164.2	Malignant neoplasm of anterior mediastinum	ICD-09-CM	Diagnosis
164.3	Malignant neoplasm of posterior mediastinum	ICD-09-CM	Diagnosis
164.8	Malignant neoplasm of other parts of mediastinum	ICD-09-CM	Diagnosis
164.9	Malignant neoplasm of mediastinum, part unspecified	ICD-09-CM	Diagnosis
165	Malignant neoplasm of other and ill-defined sites within the respiratory system and intrathoracic organs	ICD-09-CM	Diagnosis
165.0	Malignant neoplasm of upper respiratory tract, part unspecified	ICD-09-CM	Diagnosis

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Code	Description	Code Type	Code Category
165.8	Malignant neoplasm of other sites within the respiratory system and intrathoracic organs	ICD-09-CM	Diagnosis
165.9	Malignant neoplasm of ill-defined sites within the respiratory system	ICD-09-CM	Diagnosis
170	Malignant neoplasm of bone and articular cartilage	ICD-09-CM	Diagnosis
170.0	Malignant neoplasm of bones of skull and face, except mandible	ICD-09-CM	Diagnosis
170.1	Malignant neoplasm of mandible	ICD-09-CM	Diagnosis
170.2	Malignant neoplasm of vertebral column, excluding sacrum and coccyx	ICD-09-CM	Diagnosis
170.3	Malignant neoplasm of ribs, sternum, and clavicle	ICD-09-CM	Diagnosis
170.4	Malignant neoplasm of scapula and long bones of upper limb	ICD-09-CM	Diagnosis
170.5	Malignant neoplasm of short bones of upper limb	ICD-09-CM	Diagnosis
170.6	Malignant neoplasm of pelvic bones, sacrum, and coccyx	ICD-09-CM	Diagnosis
170.7	Malignant neoplasm of long bones of lower limb	ICD-09-CM	Diagnosis
170.8	Malignant neoplasm of short bones of lower limb	ICD-09-CM	Diagnosis
170.9	Malignant neoplasm of bone and articular cartilage, site unspecified	ICD-09-CM	Diagnosis
171	Malignant neoplasm of connective and other soft tissue	ICD-09-CM	Diagnosis
171.0	Malignant neoplasm of connective and other soft tissue of head, face, and neck	ICD-09-CM	Diagnosis
171.2	Malignant neoplasm of connective and other soft tissue of upper limb, including shoulder	ICD-09-CM	Diagnosis
171.3	Malignant neoplasm of connective and other soft tissue of lower limb, including hip	ICD-09-CM	Diagnosis
171.4	Malignant neoplasm of connective and other soft tissue of thorax	ICD-09-CM	Diagnosis
171.5	Malignant neoplasm of connective and other soft tissue of abdomen	ICD-09-CM	Diagnosis
171.6	Malignant neoplasm of connective and other soft tissue of pelvis	ICD-09-CM	Diagnosis
171.7	Malignant neoplasm of connective and other soft tissue of trunk, unspecified site	ICD-09-CM	Diagnosis
171.8	Malignant neoplasm of other specified sites of connective and other soft tissue	ICD-09-CM	Diagnosis
171.9	Malignant neoplasm of connective and other soft tissue, site unspecified	ICD-09-CM	Diagnosis
172	Malignant melanoma of skin	ICD-09-CM	Diagnosis
172.0	Malignant melanoma of skin of lip	ICD-09-CM	Diagnosis
172.1	Malignant melanoma of skin of eyelid, including canthus	ICD-09-CM	Diagnosis
172.2	Malignant melanoma of skin of ear and external auditory canal	ICD-09-CM	Diagnosis
172.3	Malignant melanoma of skin of other and unspecified parts of face	ICD-09-CM	Diagnosis
172.4	Malignant melanoma of skin of scalp and neck	ICD-09-CM	Diagnosis
172.5	Malignant melanoma of skin of trunk, except scrotum	ICD-09-CM	Diagnosis
172.6	Malignant melanoma of skin of upper limb, including shoulder	ICD-09-CM	Diagnosis
172.7	Malignant melanoma of skin of lower limb, including hip	ICD-09-CM	Diagnosis
172.8	Malignant melanoma of other specified sites of skin	ICD-09-CM	Diagnosis
172.9	Melanoma of skin, site unspecified	ICD-09-CM	Diagnosis
174	Malignant neoplasm of female breast	ICD-09-CM	Diagnosis
174.0	Malignant neoplasm of nipple and areola of female breast	ICD-09-CM	Diagnosis
174.1	Malignant neoplasm of central portion of female breast	ICD-09-CM	Diagnosis
174.2	Malignant neoplasm of upper-inner quadrant of female breast	ICD-09-CM	Diagnosis
174.3	Malignant neoplasm of lower-inner quadrant of female breast	ICD-09-CM	Diagnosis
174.4	Malignant neoplasm of upper-outer quadrant of female breast	ICD-09-CM	Diagnosis

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Code	Description	Code Type	Code Category
174.5	Malignant neoplasm of lower-outer quadrant of female breast	ICD-09-CM	Diagnosis
174.6	Malignant neoplasm of axillary tail of female breast	ICD-09-CM	Diagnosis
174.8	Malignant neoplasm of other specified sites of female breast	ICD-09-CM	Diagnosis
174.9	Malignant neoplasm of breast (female), unspecified site	ICD-09-CM	Diagnosis
175	Malignant neoplasm of male breast	ICD-09-CM	Diagnosis
175.0	Malignant neoplasm of nipple and areola of male breast	ICD-09-CM	Diagnosis
175.9	Malignant neoplasm of other and unspecified sites of male breast	ICD-09-CM	Diagnosis
176	Kaposi's sarcoma	ICD-09-CM	Diagnosis
176.0	Kaposi's sarcoma of skin	ICD-09-CM	Diagnosis
176.1	Kaposi's sarcoma of soft tissue	ICD-09-CM	Diagnosis
176.2	Kaposi's sarcoma of palate	ICD-09-CM	Diagnosis
176.3	Kaposi's sarcoma of gastrointestinal sites	ICD-09-CM	Diagnosis
176.4	Kaposi's sarcoma of lung	ICD-09-CM	Diagnosis
176.5	Kaposi's sarcoma of lymph nodes	ICD-09-CM	Diagnosis
176.8	Kaposi's sarcoma of other specified sites	ICD-09-CM	Diagnosis
176.9	Kaposi's sarcoma of unspecified site	ICD-09-CM	Diagnosis
179	Malignant neoplasm of uterus, part unspecified	ICD-09-CM	Diagnosis
180	Malignant neoplasm of cervix uteri	ICD-09-CM	Diagnosis
180.0	Malignant neoplasm of endocervix	ICD-09-CM	Diagnosis
180.1	Malignant neoplasm of exocervix	ICD-09-CM	Diagnosis
180.8	Malignant neoplasm of other specified sites of cervix	ICD-09-CM	Diagnosis
180.9	Malignant neoplasm of cervix uteri, unspecified site	ICD-09-CM	Diagnosis
181	Malignant neoplasm of placenta	ICD-09-CM	Diagnosis
182	Malignant neoplasm of body of uterus	ICD-09-CM	Diagnosis
182.0	Malignant neoplasm of corpus uteri, except isthmus	ICD-09-CM	Diagnosis
182.1	Malignant neoplasm of isthmus	ICD-09-CM	Diagnosis
182.8	Malignant neoplasm of other specified sites of body of uterus	ICD-09-CM	Diagnosis
183	Malignant neoplasm of ovary and other uterine adnexa	ICD-09-CM	Diagnosis
183.0	Malignant neoplasm of ovary	ICD-09-CM	Diagnosis
183.2	Malignant neoplasm of fallopian tube	ICD-09-CM	Diagnosis
183.3	Malignant neoplasm of broad ligament of uterus	ICD-09-CM	Diagnosis
183.4	Malignant neoplasm of parametrium of uterus	ICD-09-CM	Diagnosis
183.5	Malignant neoplasm of round ligament of uterus	ICD-09-CM	Diagnosis
183.8	Malignant neoplasm of other specified sites of uterine adnexa	ICD-09-CM	Diagnosis
183.9	Malignant neoplasm of uterine adnexa, unspecified site	ICD-09-CM	Diagnosis
184	Malignant neoplasm of other and unspecified female genital organs	ICD-09-CM	Diagnosis
184.0	Malignant neoplasm of vagina	ICD-09-CM	Diagnosis
184.1	Malignant neoplasm of labia majora	ICD-09-CM	Diagnosis
184.2	Malignant neoplasm of labia minora	ICD-09-CM	Diagnosis
184.3	Malignant neoplasm of clitoris	ICD-09-CM	Diagnosis
184.4	Malignant neoplasm of vulva, unspecified site	ICD-09-CM	Diagnosis
184.8	Malignant neoplasm of other specified sites of female genital organs	ICD-09-CM	Diagnosis

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Code	Description	Code Type	Code Category
184.9	Malignant neoplasm of female genital organ, site unspecified	ICD-09-CM	Diagnosis
185	Malignant neoplasm of prostate	ICD-09-CM	Diagnosis
186	Malignant neoplasm of testis	ICD-09-CM	Diagnosis
186.0	Malignant neoplasm of undescended testis	ICD-09-CM	Diagnosis
186.9	Malignant neoplasm of other and unspecified testis	ICD-09-CM	Diagnosis
187	Malignant neoplasm of penis and other male genital organs	ICD-09-CM	Diagnosis
187.1	Malignant neoplasm of prepuce	ICD-09-CM	Diagnosis
187.2	Malignant neoplasm of glans penis	ICD-09-CM	Diagnosis
187.3	Malignant neoplasm of body of penis	ICD-09-CM	Diagnosis
187.4	Malignant neoplasm of penis, part unspecified	ICD-09-CM	Diagnosis
187.5	Malignant neoplasm of epididymis	ICD-09-CM	Diagnosis
187.6	Malignant neoplasm of spermatic cord	ICD-09-CM	Diagnosis
187.7	Malignant neoplasm of scrotum	ICD-09-CM	Diagnosis
187.8	Malignant neoplasm of other specified sites of male genital organs	ICD-09-CM	Diagnosis
187.9	Malignant neoplasm of male genital organ, site unspecified	ICD-09-CM	Diagnosis
188	Malignant neoplasm of bladder	ICD-09-CM	Diagnosis
188.0	Malignant neoplasm of trigone of urinary bladder	ICD-09-CM	Diagnosis
188.1	Malignant neoplasm of dome of urinary bladder	ICD-09-CM	Diagnosis
188.2	Malignant neoplasm of lateral wall of urinary bladder	ICD-09-CM	Diagnosis
188.3	Malignant neoplasm of anterior wall of urinary bladder	ICD-09-CM	Diagnosis
188.4	Malignant neoplasm of posterior wall of urinary bladder	ICD-09-CM	Diagnosis
188.5	Malignant neoplasm of bladder neck	ICD-09-CM	Diagnosis
188.6	Malignant neoplasm of ureteric orifice	ICD-09-CM	Diagnosis
188.7	Malignant neoplasm of urachus	ICD-09-CM	Diagnosis
188.8	Malignant neoplasm of other specified sites of bladder	ICD-09-CM	Diagnosis
188.9	Malignant neoplasm of bladder, part unspecified	ICD-09-CM	Diagnosis
189	Malignant neoplasm of kidney and other and unspecified urinary organs	ICD-09-CM	Diagnosis
189.0	Malignant neoplasm of kidney, except pelvis	ICD-09-CM	Diagnosis
189.1	Malignant neoplasm of renal pelvis	ICD-09-CM	Diagnosis
189.2	Malignant neoplasm of ureter	ICD-09-CM	Diagnosis
189.3	Malignant neoplasm of urethra	ICD-09-CM	Diagnosis
189.4	Malignant neoplasm of paraurethral glands	ICD-09-CM	Diagnosis
189.8	Malignant neoplasm of other specified sites of urinary organs	ICD-09-CM	Diagnosis
189.9	Malignant neoplasm of urinary organ, site unspecified	ICD-09-CM	Diagnosis
190	Malignant neoplasm of eye	ICD-09-CM	Diagnosis
190.0	Malignant neoplasm of eyeball, except conjunctiva, cornea, retina, and choroid	ICD-09-CM	Diagnosis
190.1	Malignant neoplasm of orbit	ICD-09-CM	Diagnosis
190.2	Malignant neoplasm of lacrimal gland	ICD-09-CM	Diagnosis
190.3	Malignant neoplasm of conjunctiva	ICD-09-CM	Diagnosis
190.4	Malignant neoplasm of cornea	ICD-09-CM	Diagnosis
190.5	Malignant neoplasm of retina	ICD-09-CM	Diagnosis
190.6	Malignant neoplasm of choroid	ICD-09-CM	Diagnosis

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Code	Description	Code Type	Code Category
190.7	Malignant neoplasm of lacrimal duct	ICD-09-CM	Diagnosis
190.8	Malignant neoplasm of other specified sites of eye	ICD-09-CM	Diagnosis
190.9	Malignant neoplasm of eye, part unspecified	ICD-09-CM	Diagnosis
193	Malignant neoplasm of thyroid gland	ICD-09-CM	Diagnosis
194	Malignant neoplasm of other endocrine glands and related structures	ICD-09-CM	Diagnosis
194.0	Malignant neoplasm of adrenal gland	ICD-09-CM	Diagnosis
194.1	Malignant neoplasm of parathyroid gland	ICD-09-CM	Diagnosis
194.3	Malignant neoplasm of pituitary gland and craniopharyngeal duct	ICD-09-CM	Diagnosis
194.4	Malignant neoplasm of pineal gland	ICD-09-CM	Diagnosis
194.5	Malignant neoplasm of carotid body	ICD-09-CM	Diagnosis
194.6	Malignant neoplasm of aortic body and other paraganglia	ICD-09-CM	Diagnosis
194.8	Malignant neoplasm of other endocrine glands and related structures	ICD-09-CM	Diagnosis
194.9	Malignant neoplasm of endocrine gland, site unspecified	ICD-09-CM	Diagnosis
195	Malignant neoplasm of other and ill-defined sites	ICD-09-CM	Diagnosis
195.0	Malignant neoplasm of head, face, and neck	ICD-09-CM	Diagnosis
195.1	Malignant neoplasm of thorax	ICD-09-CM	Diagnosis
195.2	Malignant neoplasm of abdomen	ICD-09-CM	Diagnosis
195.3	Malignant neoplasm of pelvis	ICD-09-CM	Diagnosis
195.4	Malignant neoplasm of upper limb	ICD-09-CM	Diagnosis
195.5	Malignant neoplasm of lower limb	ICD-09-CM	Diagnosis
195.8	Malignant neoplasm of other specified sites	ICD-09-CM	Diagnosis
196	Secondary and unspecified malignant neoplasm of lymph nodes	ICD-09-CM	Diagnosis
196.0	Secondary and unspecified malignant neoplasm of lymph nodes of head, face, and neck	ICD-09-CM	Diagnosis
196.1	Secondary and unspecified malignant neoplasm of intrathoracic lymph nodes	ICD-09-CM	Diagnosis
196.2	Secondary and unspecified malignant neoplasm of intra-abdominal lymph nodes	ICD-09-CM	Diagnosis
196.3	Secondary and unspecified malignant neoplasm of lymph nodes of axilla and upper limb	ICD-09-CM	Diagnosis
196.5	Secondary and unspecified malignant neoplasm of lymph nodes of inguinal region and lower limb	ICD-09-CM	Diagnosis
196.6	Secondary and unspecified malignant neoplasm of intrapelvic lymph nodes	ICD-09-CM	Diagnosis
196.8	Secondary and unspecified malignant neoplasm of lymph nodes of multiple sites	ICD-09-CM	Diagnosis
196.9	Secondary and unspecified malignant neoplasm of lymph nodes, site unspecified	ICD-09-CM	Diagnosis
197	Secondary malignant neoplasm of respiratory and digestive systems	ICD-09-CM	Diagnosis
197.0	Secondary malignant neoplasm of lung	ICD-09-CM	Diagnosis
197.1	Secondary malignant neoplasm of mediastinum	ICD-09-CM	Diagnosis
197.2	Secondary malignant neoplasm of pleura	ICD-09-CM	Diagnosis
197.3	Secondary malignant neoplasm of other respiratory organs	ICD-09-CM	Diagnosis
197.4	Secondary malignant neoplasm of small intestine including duodenum	ICD-09-CM	Diagnosis
197.5	Secondary malignant neoplasm of large intestine and rectum	ICD-09-CM	Diagnosis
197.6	Secondary malignant neoplasm of retroperitoneum and peritoneum	ICD-09-CM	Diagnosis
197.7	Secondary malignant neoplasm of liver	ICD-09-CM	Diagnosis
197.8	Secondary malignant neoplasm of other digestive organs and spleen	ICD-09-CM	Diagnosis
198	Secondary malignant neoplasm of other specified sites	ICD-09-CM	Diagnosis

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Code	Description	Code Type	Code Category
198.0	Secondary malignant neoplasm of kidney	ICD-09-CM	Diagnosis
198.1	Secondary malignant neoplasm of other urinary organs	ICD-09-CM	Diagnosis
198.2	Secondary malignant neoplasm of skin	ICD-09-CM	Diagnosis
198.5	Secondary malignant neoplasm of bone and bone marrow	ICD-09-CM	Diagnosis
198.6	Secondary malignant neoplasm of ovary	ICD-09-CM	Diagnosis
198.7	Secondary malignant neoplasm of adrenal gland	ICD-09-CM	Diagnosis
198.8	Secondary malignant neoplasm of other specified sites	ICD-09-CM	Diagnosis
198.81	Secondary malignant neoplasm of breast	ICD-09-CM	Diagnosis
198.82	Secondary malignant neoplasm of genital organs	ICD-09-CM	Diagnosis
198.89	Secondary malignant neoplasm of other specified sites	ICD-09-CM	Diagnosis
199	Malignant neoplasm without specification of site	ICD-09-CM	Diagnosis
199.0	Disseminated malignant neoplasm	ICD-09-CM	Diagnosis
199.1	Other malignant neoplasm of unspecified site	ICD-09-CM	Diagnosis
199.2	Malignant neoplasm associated with transplanted organ	ICD-09-CM	Diagnosis
200	Lymphosarcoma and reticulosarcoma and other specified malignant tumors of lymphatic tissue	ICD-09-CM	Diagnosis
200.0	Reticulosarcoma	ICD-09-CM	Diagnosis
200.00	Reticulosarcoma, unspecified site, extranodal and solid organ sites	ICD-09-CM	Diagnosis
200.01	Reticulosarcoma of lymph nodes of head, face, and neck	ICD-09-CM	Diagnosis
200.02	Reticulosarcoma of intrathoracic lymph nodes	ICD-09-CM	Diagnosis
200.03	Reticulosarcoma of intra-abdominal lymph nodes	ICD-09-CM	Diagnosis
200.04	Reticulosarcoma of lymph nodes of axilla and upper limb	ICD-09-CM	Diagnosis
200.05	Reticulosarcoma of lymph nodes of inguinal region and lower limb	ICD-09-CM	Diagnosis
200.06	Reticulosarcoma of intrapelvic lymph nodes	ICD-09-CM	Diagnosis
200.07	Reticulosarcoma of spleen	ICD-09-CM	Diagnosis
200.08	Reticulosarcoma of lymph nodes of multiple sites	ICD-09-CM	Diagnosis
200.1	Lymphosarcoma	ICD-09-CM	Diagnosis
200.10	Lymphosarcoma, unspecified site, extranodal and solid organ sites	ICD-09-CM	Diagnosis
200.11	Lymphosarcoma of lymph nodes of head, face, and neck	ICD-09-CM	Diagnosis
200.12	Lymphosarcoma of intrathoracic lymph nodes	ICD-09-CM	Diagnosis
200.13	Lymphosarcoma of intra-abdominal lymph nodes	ICD-09-CM	Diagnosis
200.14	Lymphosarcoma of lymph nodes of axilla and upper limb	ICD-09-CM	Diagnosis
200.15	Lymphosarcoma of lymph nodes of inguinal region and lower limb	ICD-09-CM	Diagnosis
200.16	Lymphosarcoma of intrapelvic lymph nodes	ICD-09-CM	Diagnosis
200.17	Lymphosarcoma of spleen	ICD-09-CM	Diagnosis
200.18	Lymphosarcoma of lymph nodes of multiple sites	ICD-09-CM	Diagnosis
200.2	Burkitt's tumor or lymphoma	ICD-09-CM	Diagnosis
200.20	Burkitt's tumor or lymphoma, unspecified site, extranodal and solid organ sites	ICD-09-CM	Diagnosis
200.21	Burkitt's tumor or lymphoma of lymph nodes of head, face, and neck	ICD-09-CM	Diagnosis
200.22	Burkitt's tumor or lymphoma of intrathoracic lymph nodes	ICD-09-CM	Diagnosis
200.23	Burkitt's tumor or lymphoma of intra-abdominal lymph nodes	ICD-09-CM	Diagnosis
200.24	Burkitt's tumor or lymphoma of lymph nodes of axilla and upper limb	ICD-09-CM	Diagnosis

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Code	Description	Code Type	Code Category
200.25	Burkitt's tumor or lymphoma of lymph nodes of inguinal region and lower limb	ICD-09-CM	Diagnosis
200.26	Burkitt's tumor or lymphoma of intrapelvic lymph nodes	ICD-09-CM	Diagnosis
200.27	Burkitt's tumor or lymphoma of spleen	ICD-09-CM	Diagnosis
200.28	Burkitt's tumor or lymphoma of lymph nodes of multiple sites	ICD-09-CM	Diagnosis
200.3	Marginal zone lymphoma	ICD-09-CM	Diagnosis
200.30	Marginal zone lymphoma, unspecified site, extranodal and solid organ sites	ICD-09-CM	Diagnosis
200.31	Marginal zone lymphoma, lymph nodes of head, face, and neck	ICD-09-CM	Diagnosis
200.32	Marginal zone lymphoma, intrathoracic lymph nodes	ICD-09-CM	Diagnosis
200.33	Marginal zone lymphoma, intra-abdominal lymph nodes	ICD-09-CM	Diagnosis
200.34	Marginal zone lymphoma, lymph nodes of axilla and upper limb	ICD-09-CM	Diagnosis
200.35	Marginal zone lymphoma, lymph nodes of inguinal region and lower limb	ICD-09-CM	Diagnosis
200.36	Marginal zone lymphoma, intrapelvic lymph nodes	ICD-09-CM	Diagnosis
200.37	Marginal zone lymphoma, spleen	ICD-09-CM	Diagnosis
200.38	Marginal zone lymphoma, lymph nodes of multiple sites	ICD-09-CM	Diagnosis
200.4	Mantle cell lymphoma	ICD-09-CM	Diagnosis
200.40	Mantle cell lymphoma, unspecified site, extranodal and solid organ sites	ICD-09-CM	Diagnosis
200.41	Mantle cell lymphoma, lymph nodes of head, face, and neck	ICD-09-CM	Diagnosis
200.42	Mantle cell lymphoma, intrathoracic lymph nodes	ICD-09-CM	Diagnosis
200.43	Mantle cell lymphoma, intra-abdominal lymph nodes	ICD-09-CM	Diagnosis
200.44	Mantle cell lymphoma, lymph nodes of axilla and upper limb	ICD-09-CM	Diagnosis
200.45	Mantle cell lymphoma, lymph nodes of inguinal region and lower limb	ICD-09-CM	Diagnosis
200.46	Mantle cell lymphoma, intrapelvic lymph nodes	ICD-09-CM	Diagnosis
200.47	Mantle cell lymphoma, spleen	ICD-09-CM	Diagnosis
200.48	Mantle cell lymphoma, lymph nodes of multiple sites	ICD-09-CM	Diagnosis
200.5	Primary central nervous system lymphoma	ICD-09-CM	Diagnosis
200.50	Primary central nervous system lymphoma, unspecified site, extranodal and solid organ sites	ICD-09-CM	Diagnosis
200.51	Primary central nervous system lymphoma, lymph nodes of head, face, and neck	ICD-09-CM	Diagnosis
200.52	Primary central nervous system lymphoma, intrathoracic lymph nodes	ICD-09-CM	Diagnosis
200.53	Primary central nervous system lymphoma, intra-abdominal lymph nodes	ICD-09-CM	Diagnosis
200.54	Primary central nervous system lymphoma, lymph nodes of axilla and upper limb	ICD-09-CM	Diagnosis
200.55	Primary central nervous system lymphoma, lymph nodes of inguinal region and lower limb	ICD-09-CM	Diagnosis
200.56	Primary central nervous system lymphoma, intrapelvic lymph nodes	ICD-09-CM	Diagnosis
200.57	Primary central nervous system lymphoma, spleen	ICD-09-CM	Diagnosis
200.58	Primary central nervous system lymphoma, lymph nodes of multiple sites	ICD-09-CM	Diagnosis
200.6	Anaplastic large cell lymphoma	ICD-09-CM	Diagnosis
200.60	Anaplastic large cell lymphoma, unspecified site, extranodal and solid organ sites	ICD-09-CM	Diagnosis
200.61	Anaplastic large cell lymphoma, lymph nodes of head, face, and neck	ICD-09-CM	Diagnosis
200.62	Anaplastic large cell lymphoma, intrathoracic lymph nodes	ICD-09-CM	Diagnosis
200.63	Anaplastic large cell lymphoma, intra-abdominal lymph nodes	ICD-09-CM	Diagnosis
200.64	Anaplastic large cell lymphoma, lymph nodes of axilla and upper limb	ICD-09-CM	Diagnosis
200.65	Anaplastic large cell lymphoma, lymph nodes of inguinal region and lower limb	ICD-09-CM	Diagnosis
200.66	Anaplastic large cell lymphoma, intrapelvic lymph nodes	ICD-09-CM	Diagnosis

Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedural Classification System (ICD-10-PCS), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Type	Code Category
200.67	Anaplastic large cell lymphoma, spleen	ICD-09-CM	Diagnosis
200.68	Anaplastic large cell lymphoma, lymph nodes of multiple sites	ICD-09-CM	Diagnosis
200.7	Large cell lymphoma	ICD-09-CM	Diagnosis
200.70	Large cell lymphoma, unspecified site, extranodal and solid organ sites	ICD-09-CM	Diagnosis
200.71	Large cell lymphoma, lymph nodes of head, face, and neck	ICD-09-CM	Diagnosis
200.72	Large cell lymphoma, intrathoracic lymph nodes	ICD-09-CM	Diagnosis
200.73	Large cell lymphoma, intra-abdominal lymph nodes	ICD-09-CM	Diagnosis
200.74	Large cell lymphoma, lymph nodes of axilla and upper limb	ICD-09-CM	Diagnosis
200.75	Large cell lymphoma, lymph nodes of inguinal region and lower limb	ICD-09-CM	Diagnosis
200.76	Large cell lymphoma, intrapelvic lymph nodes	ICD-09-CM	Diagnosis
200.77	Large cell lymphoma, spleen	ICD-09-CM	Diagnosis
200.78	Large cell lymphoma, lymph nodes of multiple sites	ICD-09-CM	Diagnosis
200.8	Other named variants of lymphosarcoma and reticulosarcoma	ICD-09-CM	Diagnosis
200.80	Other named variants, unspecified site, extranodal and solid organ sites	ICD-09-CM	Diagnosis
200.81	Other named variants of lymphosarcoma and reticulosarcoma of lymph nodes of head, face, and neck	ICD-09-CM	Diagnosis
200.82	Other named variants of lymphosarcoma and reticulosarcoma of intrathoracic lymph nodes	ICD-09-CM	Diagnosis
200.83	Other named variants of lymphosarcoma and reticulosarcoma of intra-abdominal lymph nodes	ICD-09-CM	Diagnosis
200.84	Other named variants of lymphosarcoma and reticulosarcoma of lymph nodes of axilla and upper limb	ICD-09-CM	Diagnosis
200.85	Other named variants of lymphosarcoma and reticulosarcoma of lymph nodes of inguinal region and lower limb	ICD-09-CM	Diagnosis
200.86	Other named variants of lymphosarcoma and reticulosarcoma of intrapelvic lymph nodes	ICD-09-CM	Diagnosis
200.87	Other named variants of lymphosarcoma and reticulosarcoma of spleen	ICD-09-CM	Diagnosis
200.88	Other named variants of lymphosarcoma and reticulosarcoma of lymph nodes of multiple sites	ICD-09-CM	Diagnosis
209.00	Malignant carcinoid tumor of the small intestine, unspecified portion	ICD-09-CM	Diagnosis
209.01	Malignant carcinoid tumor of the duodenum	ICD-09-CM	Diagnosis
209.02	Malignant carcinoid tumor of the jejunum	ICD-09-CM	Diagnosis
209.03	Malignant carcinoid tumor of the ileum	ICD-09-CM	Diagnosis
209.10	Malignant carcinoid tumor of the large intestine, unspecified portion	ICD-09-CM	Diagnosis
209.11	Malignant carcinoid tumor of the appendix	ICD-09-CM	Diagnosis
209.12	Malignant carcinoid tumor of the cecum	ICD-09-CM	Diagnosis
209.13	Malignant carcinoid tumor of the ascending colon	ICD-09-CM	Diagnosis
209.14	Malignant carcinoid tumor of the transverse colon	ICD-09-CM	Diagnosis
209.15	Malignant carcinoid tumor of the descending colon	ICD-09-CM	Diagnosis
209.16	Malignant carcinoid tumor of the sigmoid colon	ICD-09-CM	Diagnosis
209.17	Malignant carcinoid tumor of the rectum	ICD-09-CM	Diagnosis
209.20	Malignant carcinoid tumor of unknown primary site	ICD-09-CM	Diagnosis
209.21	Malignant carcinoid tumor of the bronchus and lung	ICD-09-CM	Diagnosis
209.22	Malignant carcinoid tumor of the thymus	ICD-09-CM	Diagnosis
209.23	Malignant carcinoid tumor of the stomach	ICD-09-CM	Diagnosis
209.24	Malignant carcinoid tumor of the kidney	ICD-09-CM	Diagnosis
209.25	Malignant carcinoid tumor of foregut, not otherwise specified	ICD-09-CM	Diagnosis
209.26	Malignant carcinoid tumor of midgut, not otherwise specified	ICD-09-CM	Diagnosis
209.27	Malignant carcinoid tumor of hindgut, not otherwise specified	ICD-09-CM	Diagnosis

Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedural Classification System (ICD-10-PCS), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Type	Code Category
209.29	Malignant carcinoid tumor of other sites	ICD-09-CM	Diagnosis
209.30	Malignant poorly differentiated neuroendocrine carcinoma, any site	ICD-09-CM	Diagnosis
209.31	Merkel cell carcinoma of the face	ICD-09-CM	Diagnosis
209.32	Merkel cell carcinoma of the scalp and neck	ICD-09-CM	Diagnosis
209.33	Merkel cell carcinoma of the upper limb	ICD-09-CM	Diagnosis
209.34	Merkel cell carcinoma of the lower limb	ICD-09-CM	Diagnosis
209.35	Merkel cell carcinoma of the trunk	ICD-09-CM	Diagnosis
209.36	Merkel cell carcinoma of other sites	ICD-09-CM	Diagnosis
209.70	Secondary neuroendocrine tumor, unspecified site	ICD-09-CM	Diagnosis
209.71	Secondary neuroendocrine tumor of distant lymph nodes	ICD-09-CM	Diagnosis
209.72	Secondary neuroendocrine tumor of liver	ICD-09-CM	Diagnosis
209.73	Secondary neuroendocrine tumor of bone	ICD-09-CM	Diagnosis
209.74	Secondary neuroendocrine tumor of peritoneum	ICD-09-CM	Diagnosis
209.75	Secondary Merkel cell carcinoma	ICD-09-CM	Diagnosis
209.79	Secondary neuroendocrine tumor of other sites	ICD-09-CM	Diagnosis
238.79	Other lymphatic and hematopoietic tissues	ICD-09-CM	Diagnosis
273.3	Macroglobulinemia	ICD-09-CM	Diagnosis
C00.0	Malignant neoplasm of external upper lip	ICD-10-CM	Diagnosis
C00.1	Malignant neoplasm of external lower lip	ICD-10-CM	Diagnosis
C00.2	Malignant neoplasm of external lip, unspecified	ICD-10-CM	Diagnosis
C00.3	Malignant neoplasm of upper lip, inner aspect	ICD-10-CM	Diagnosis
C00.4	Malignant neoplasm of lower lip, inner aspect	ICD-10-CM	Diagnosis
C00.5	Malignant neoplasm of lip, unspecified, inner aspect	ICD-10-CM	Diagnosis
C00.6	Malignant neoplasm of commissure of lip, unspecified	ICD-10-CM	Diagnosis
C00.8	Malignant neoplasm of overlapping sites of lip	ICD-10-CM	Diagnosis
C00.9	Malignant neoplasm of lip, unspecified	ICD-10-CM	Diagnosis
C01	Malignant neoplasm of base of tongue	ICD-10-CM	Diagnosis
C02.0	Malignant neoplasm of dorsal surface of tongue	ICD-10-CM	Diagnosis
C02.1	Malignant neoplasm of border of tongue	ICD-10-CM	Diagnosis
C02.2	Malignant neoplasm of ventral surface of tongue	ICD-10-CM	Diagnosis
C02.3	Malignant neoplasm of anterior two-thirds of tongue, part unspecified	ICD-10-CM	Diagnosis
C02.4	Malignant neoplasm of lingual tonsil	ICD-10-CM	Diagnosis
C02.8	Malignant neoplasm of overlapping sites of tongue	ICD-10-CM	Diagnosis
C02.9	Malignant neoplasm of tongue, unspecified	ICD-10-CM	Diagnosis
C03.0	Malignant neoplasm of upper gum	ICD-10-CM	Diagnosis
C03.1	Malignant neoplasm of lower gum	ICD-10-CM	Diagnosis
C03.9	Malignant neoplasm of gum, unspecified	ICD-10-CM	Diagnosis
C04.0	Malignant neoplasm of anterior floor of mouth	ICD-10-CM	Diagnosis
C04.1	Malignant neoplasm of lateral floor of mouth	ICD-10-CM	Diagnosis
C04.8	Malignant neoplasm of overlapping sites of floor of mouth	ICD-10-CM	Diagnosis
C04.9	Malignant neoplasm of floor of mouth, unspecified	ICD-10-CM	Diagnosis
C05.0	Malignant neoplasm of hard palate	ICD-10-CM	Diagnosis

Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedural Classification System (ICD-10-PCS), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Type	Code Category
C05.1	Malignant neoplasm of soft palate	ICD-10-CM	Diagnosis
C05.2	Malignant neoplasm of uvula	ICD-10-CM	Diagnosis
C05.8	Malignant neoplasm of overlapping sites of palate	ICD-10-CM	Diagnosis
C05.9	Malignant neoplasm of palate, unspecified	ICD-10-CM	Diagnosis
C06.0	Malignant neoplasm of cheek mucosa	ICD-10-CM	Diagnosis
C06.1	Malignant neoplasm of vestibule of mouth	ICD-10-CM	Diagnosis
C06.2	Malignant neoplasm of retromolar area	ICD-10-CM	Diagnosis
C06.80	Malignant neoplasm of overlapping sites of unspecified parts of mouth	ICD-10-CM	Diagnosis
C06.89	Malignant neoplasm of overlapping sites of other parts of mouth	ICD-10-CM	Diagnosis
C06.9	Malignant neoplasm of mouth, unspecified	ICD-10-CM	Diagnosis
C07	Malignant neoplasm of parotid gland	ICD-10-CM	Diagnosis
C08.0	Malignant neoplasm of submandibular gland	ICD-10-CM	Diagnosis
C08.1	Malignant neoplasm of sublingual gland	ICD-10-CM	Diagnosis
C08.9	Malignant neoplasm of major salivary gland, unspecified	ICD-10-CM	Diagnosis
C09.0	Malignant neoplasm of tonsillar fossa	ICD-10-CM	Diagnosis
C09.1	Malignant neoplasm of tonsillar pillar (anterior) (posterior)	ICD-10-CM	Diagnosis
C09.8	Malignant neoplasm of overlapping sites of tonsil	ICD-10-CM	Diagnosis
C09.9	Malignant neoplasm of tonsil, unspecified	ICD-10-CM	Diagnosis
C10.0	Malignant neoplasm of vallecula	ICD-10-CM	Diagnosis
C10.1	Malignant neoplasm of anterior surface of epiglottis	ICD-10-CM	Diagnosis
C10.2	Malignant neoplasm of lateral wall of oropharynx	ICD-10-CM	Diagnosis
C10.3	Malignant neoplasm of posterior wall of oropharynx	ICD-10-CM	Diagnosis
C10.4	Malignant neoplasm of branchial cleft	ICD-10-CM	Diagnosis
C10.8	Malignant neoplasm of overlapping sites of oropharynx	ICD-10-CM	Diagnosis
C10.9	Malignant neoplasm of oropharynx, unspecified	ICD-10-CM	Diagnosis
C11.0	Malignant neoplasm of superior wall of nasopharynx	ICD-10-CM	Diagnosis
C11.1	Malignant neoplasm of posterior wall of nasopharynx	ICD-10-CM	Diagnosis
C11.2	Malignant neoplasm of lateral wall of nasopharynx	ICD-10-CM	Diagnosis
C11.3	Malignant neoplasm of anterior wall of nasopharynx	ICD-10-CM	Diagnosis
C11.8	Malignant neoplasm of overlapping sites of nasopharynx	ICD-10-CM	Diagnosis
C11.9	Malignant neoplasm of nasopharynx, unspecified	ICD-10-CM	Diagnosis
C12	Malignant neoplasm of pyriform sinus	ICD-10-CM	Diagnosis
C13.0	Malignant neoplasm of postcricoid region	ICD-10-CM	Diagnosis
C13.1	Malignant neoplasm of aryepiglottic fold, hypopharyngeal aspect	ICD-10-CM	Diagnosis
C13.2	Malignant neoplasm of posterior wall of hypopharynx	ICD-10-CM	Diagnosis
C13.8	Malignant neoplasm of overlapping sites of hypopharynx	ICD-10-CM	Diagnosis
C13.9	Malignant neoplasm of hypopharynx, unspecified	ICD-10-CM	Diagnosis
C14.0	Malignant neoplasm of pharynx, unspecified	ICD-10-CM	Diagnosis
C14.2	Malignant neoplasm of Waldeyer's ring	ICD-10-CM	Diagnosis
C14.8	Malignant neoplasm of overlapping sites of lip, oral cavity and pharynx	ICD-10-CM	Diagnosis
C15.3	Malignant neoplasm of upper third of esophagus	ICD-10-CM	Diagnosis
C15.4	Malignant neoplasm of middle third of esophagus	ICD-10-CM	Diagnosis

Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedural Classification System (ICD-10-PCS), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Type	Code Category
C15.5	Malignant neoplasm of lower third of esophagus	ICD-10-CM	Diagnosis
C15.8	Malignant neoplasm of overlapping sites of esophagus	ICD-10-CM	Diagnosis
C15.9	Malignant neoplasm of esophagus, unspecified	ICD-10-CM	Diagnosis
C16.0	Malignant neoplasm of cardia	ICD-10-CM	Diagnosis
C16.1	Malignant neoplasm of fundus of stomach	ICD-10-CM	Diagnosis
C16.2	Malignant neoplasm of body of stomach	ICD-10-CM	Diagnosis
C16.3	Malignant neoplasm of pyloric antrum	ICD-10-CM	Diagnosis
C16.4	Malignant neoplasm of pylorus	ICD-10-CM	Diagnosis
C16.5	Malignant neoplasm of lesser curvature of stomach, unspecified	ICD-10-CM	Diagnosis
C16.6	Malignant neoplasm of greater curvature of stomach, unspecified	ICD-10-CM	Diagnosis
C16.8	Malignant neoplasm of overlapping sites of stomach	ICD-10-CM	Diagnosis
C16.9	Malignant neoplasm of stomach, unspecified	ICD-10-CM	Diagnosis
C17.0	Malignant neoplasm of duodenum	ICD-10-CM	Diagnosis
C17.1	Malignant neoplasm of jejunum	ICD-10-CM	Diagnosis
C17.2	Malignant neoplasm of ileum	ICD-10-CM	Diagnosis
C17.3	Meckel's diverticulum, malignant	ICD-10-CM	Diagnosis
C17.8	Malignant neoplasm of overlapping sites of small intestine	ICD-10-CM	Diagnosis
C17.9	Malignant neoplasm of small intestine, unspecified	ICD-10-CM	Diagnosis
C18.0	Malignant neoplasm of cecum	ICD-10-CM	Diagnosis
C18.1	Malignant neoplasm of appendix	ICD-10-CM	Diagnosis
C18.2	Malignant neoplasm of ascending colon	ICD-10-CM	Diagnosis
C18.3	Malignant neoplasm of hepatic flexure	ICD-10-CM	Diagnosis
C18.4	Malignant neoplasm of transverse colon	ICD-10-CM	Diagnosis
C18.5	Malignant neoplasm of splenic flexure	ICD-10-CM	Diagnosis
C18.6	Malignant neoplasm of descending colon	ICD-10-CM	Diagnosis
C18.7	Malignant neoplasm of sigmoid colon	ICD-10-CM	Diagnosis
C18.8	Malignant neoplasm of overlapping sites of colon	ICD-10-CM	Diagnosis
C18.9	Malignant neoplasm of colon, unspecified	ICD-10-CM	Diagnosis
C19	Malignant neoplasm of rectosigmoid junction	ICD-10-CM	Diagnosis
C20	Malignant neoplasm of rectum	ICD-10-CM	Diagnosis
C21.0	Malignant neoplasm of anus, unspecified	ICD-10-CM	Diagnosis
C21.1	Malignant neoplasm of anal canal	ICD-10-CM	Diagnosis
C21.2	Malignant neoplasm of cloacogenic zone	ICD-10-CM	Diagnosis
C21.8	Malignant neoplasm of overlapping sites of rectum, anus and anal canal	ICD-10-CM	Diagnosis
C22.0	Liver cell carcinoma	ICD-10-CM	Diagnosis
C22.1	Intrahepatic bile duct carcinoma	ICD-10-CM	Diagnosis
C22.2	Hepatoblastoma	ICD-10-CM	Diagnosis
C22.3	Angiosarcoma of liver	ICD-10-CM	Diagnosis
C22.4	Other sarcomas of liver	ICD-10-CM	Diagnosis
C22.7	Other specified carcinomas of liver	ICD-10-CM	Diagnosis
C22.8	Malignant neoplasm of liver, primary, unspecified as to type	ICD-10-CM	Diagnosis
C22.9	Malignant neoplasm of liver, not specified as primary or secondary	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
C23	Malignant neoplasm of gallbladder	ICD-10-CM	Diagnosis
C24.0	Malignant neoplasm of extrahepatic bile duct	ICD-10-CM	Diagnosis
C24.1	Malignant neoplasm of ampulla of Vater	ICD-10-CM	Diagnosis
C24.8	Malignant neoplasm of overlapping sites of biliary tract	ICD-10-CM	Diagnosis
C24.9	Malignant neoplasm of biliary tract, unspecified	ICD-10-CM	Diagnosis
C25.0	Malignant neoplasm of head of pancreas	ICD-10-CM	Diagnosis
C25.1	Malignant neoplasm of body of pancreas	ICD-10-CM	Diagnosis
C25.2	Malignant neoplasm of tail of pancreas	ICD-10-CM	Diagnosis
C25.3	Malignant neoplasm of pancreatic duct	ICD-10-CM	Diagnosis
C25.4	Malignant neoplasm of endocrine pancreas	ICD-10-CM	Diagnosis
C25.7	Malignant neoplasm of other parts of pancreas	ICD-10-CM	Diagnosis
C25.8	Malignant neoplasm of overlapping sites of pancreas	ICD-10-CM	Diagnosis
C25.9	Malignant neoplasm of pancreas, unspecified	ICD-10-CM	Diagnosis
C26.0	Malignant neoplasm of intestinal tract, part unspecified	ICD-10-CM	Diagnosis
C26.1	Malignant neoplasm of spleen	ICD-10-CM	Diagnosis
C26.9	Malignant neoplasm of ill-defined sites within the digestive system	ICD-10-CM	Diagnosis
C30.0	Malignant neoplasm of nasal cavity	ICD-10-CM	Diagnosis
C30.1	Malignant neoplasm of middle ear	ICD-10-CM	Diagnosis
C31.0	Malignant neoplasm of maxillary sinus	ICD-10-CM	Diagnosis
C31.1	Malignant neoplasm of ethmoidal sinus	ICD-10-CM	Diagnosis
C31.2	Malignant neoplasm of frontal sinus	ICD-10-CM	Diagnosis
C31.3	Malignant neoplasm of sphenoid sinus	ICD-10-CM	Diagnosis
C31.8	Malignant neoplasm of overlapping sites of accessory sinuses	ICD-10-CM	Diagnosis
C31.9	Malignant neoplasm of accessory sinus, unspecified	ICD-10-CM	Diagnosis
C32.0	Malignant neoplasm of glottis	ICD-10-CM	Diagnosis
C32.1	Malignant neoplasm of supraglottis	ICD-10-CM	Diagnosis
C32.2	Malignant neoplasm of subglottis	ICD-10-CM	Diagnosis
C32.3	Malignant neoplasm of laryngeal cartilage	ICD-10-CM	Diagnosis
C32.8	Malignant neoplasm of overlapping sites of larynx	ICD-10-CM	Diagnosis
C32.9	Malignant neoplasm of larynx, unspecified	ICD-10-CM	Diagnosis
C33	Malignant neoplasm of trachea	ICD-10-CM	Diagnosis
C34.00	Malignant neoplasm of unspecified main bronchus	ICD-10-CM	Diagnosis
C34.01	Malignant neoplasm of right main bronchus	ICD-10-CM	Diagnosis
C34.02	Malignant neoplasm of left main bronchus	ICD-10-CM	Diagnosis
C34.10	Malignant neoplasm of upper lobe, unspecified bronchus or lung	ICD-10-CM	Diagnosis
C34.11	Malignant neoplasm of upper lobe, right bronchus or lung	ICD-10-CM	Diagnosis
C34.12	Malignant neoplasm of upper lobe, left bronchus or lung	ICD-10-CM	Diagnosis
C34.2	Malignant neoplasm of middle lobe, bronchus or lung	ICD-10-CM	Diagnosis
C34.30	Malignant neoplasm of lower lobe, unspecified bronchus or lung	ICD-10-CM	Diagnosis
C34.31	Malignant neoplasm of lower lobe, right bronchus or lung	ICD-10-CM	Diagnosis
C34.32	Malignant neoplasm of lower lobe, left bronchus or lung	ICD-10-CM	Diagnosis
C34.80	Malignant neoplasm of overlapping sites of unspecified bronchus and lung	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
C34.81	Malignant neoplasm of overlapping sites of right bronchus and lung	ICD-10-CM	Diagnosis
C34.82	Malignant neoplasm of overlapping sites of left bronchus and lung	ICD-10-CM	Diagnosis
C34.90	Malignant neoplasm of unspecified part of unspecified bronchus or lung	ICD-10-CM	Diagnosis
C34.91	Malignant neoplasm of unspecified part of right bronchus or lung	ICD-10-CM	Diagnosis
C34.92	Malignant neoplasm of unspecified part of left bronchus or lung	ICD-10-CM	Diagnosis
C37	Malignant neoplasm of thymus	ICD-10-CM	Diagnosis
C38.0	Malignant neoplasm of heart	ICD-10-CM	Diagnosis
C38.1	Malignant neoplasm of anterior mediastinum	ICD-10-CM	Diagnosis
C38.2	Malignant neoplasm of posterior mediastinum	ICD-10-CM	Diagnosis
C38.3	Malignant neoplasm of mediastinum, part unspecified	ICD-10-CM	Diagnosis
C38.4	Malignant neoplasm of pleura	ICD-10-CM	Diagnosis
C38.8	Malignant neoplasm of overlapping sites of heart, mediastinum and pleura	ICD-10-CM	Diagnosis
C39.0	Malignant neoplasm of upper respiratory tract, part unspecified	ICD-10-CM	Diagnosis
C39.9	Malignant neoplasm of lower respiratory tract, part unspecified	ICD-10-CM	Diagnosis
C40.00	Malignant neoplasm of scapula and long bones of unspecified upper limb	ICD-10-CM	Diagnosis
C40.01	Malignant neoplasm of scapula and long bones of right upper limb	ICD-10-CM	Diagnosis
C40.02	Malignant neoplasm of scapula and long bones of left upper limb	ICD-10-CM	Diagnosis
C40.10	Malignant neoplasm of short bones of unspecified upper limb	ICD-10-CM	Diagnosis
C40.11	Malignant neoplasm of short bones of right upper limb	ICD-10-CM	Diagnosis
C40.12	Malignant neoplasm of short bones of left upper limb	ICD-10-CM	Diagnosis
C40.20	Malignant neoplasm of long bones of unspecified lower limb	ICD-10-CM	Diagnosis
C40.21	Malignant neoplasm of long bones of right lower limb	ICD-10-CM	Diagnosis
C40.22	Malignant neoplasm of long bones of left lower limb	ICD-10-CM	Diagnosis
C40.30	Malignant neoplasm of short bones of unspecified lower limb	ICD-10-CM	Diagnosis
C40.31	Malignant neoplasm of short bones of right lower limb	ICD-10-CM	Diagnosis
C40.32	Malignant neoplasm of short bones of left lower limb	ICD-10-CM	Diagnosis
C40.80	Malignant neoplasm of overlapping sites of bone and articular cartilage of unspecified limb	ICD-10-CM	Diagnosis
C40.81	Malignant neoplasm of overlapping sites of bone and articular cartilage of right limb	ICD-10-CM	Diagnosis
C40.82	Malignant neoplasm of overlapping sites of bone and articular cartilage of left limb	ICD-10-CM	Diagnosis
C40.90	Malignant neoplasm of unspecified bones and articular cartilage of unspecified limb	ICD-10-CM	Diagnosis
C40.91	Malignant neoplasm of unspecified bones and articular cartilage of right limb	ICD-10-CM	Diagnosis
C40.92	Malignant neoplasm of unspecified bones and articular cartilage of left limb	ICD-10-CM	Diagnosis
C41.0	Malignant neoplasm of bones of skull and face	ICD-10-CM	Diagnosis
C41.1	Malignant neoplasm of mandible	ICD-10-CM	Diagnosis
C41.2	Malignant neoplasm of vertebral column	ICD-10-CM	Diagnosis
C41.3	Malignant neoplasm of ribs, sternum and clavicle	ICD-10-CM	Diagnosis
C41.4	Malignant neoplasm of pelvic bones, sacrum and coccyx	ICD-10-CM	Diagnosis
C41.9	Malignant neoplasm of bone and articular cartilage, unspecified	ICD-10-CM	Diagnosis
C43.0	Malignant melanoma of lip	ICD-10-CM	Diagnosis
C43.10	Malignant melanoma of unspecified eyelid, including canthus	ICD-10-CM	Diagnosis
C43.11	Malignant melanoma of right eyelid, including canthus	ICD-10-CM	Diagnosis
C43.12	Malignant melanoma of left eyelid, including canthus	ICD-10-CM	Diagnosis

Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedural Classification System (ICD-10-PCS), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Type	Code Category
C43.20	Malignant melanoma of unspecified ear and external auricular canal	ICD-10-CM	Diagnosis
C43.21	Malignant melanoma of right ear and external auricular canal	ICD-10-CM	Diagnosis
C43.22	Malignant melanoma of left ear and external auricular canal	ICD-10-CM	Diagnosis
C43.30	Malignant melanoma of unspecified part of face	ICD-10-CM	Diagnosis
C43.31	Malignant melanoma of nose	ICD-10-CM	Diagnosis
C43.39	Malignant melanoma of other parts of face	ICD-10-CM	Diagnosis
C43.4	Malignant melanoma of scalp and neck	ICD-10-CM	Diagnosis
C43.51	Malignant melanoma of anal skin	ICD-10-CM	Diagnosis
C43.52	Malignant melanoma of skin of breast	ICD-10-CM	Diagnosis
C43.59	Malignant melanoma of other part of trunk	ICD-10-CM	Diagnosis
C43.60	Malignant melanoma of unspecified upper limb, including shoulder	ICD-10-CM	Diagnosis
C43.61	Malignant melanoma of right upper limb, including shoulder	ICD-10-CM	Diagnosis
C43.62	Malignant melanoma of left upper limb, including shoulder	ICD-10-CM	Diagnosis
C43.70	Malignant melanoma of unspecified lower limb, including hip	ICD-10-CM	Diagnosis
C43.71	Malignant melanoma of right lower limb, including hip	ICD-10-CM	Diagnosis
C43.72	Malignant melanoma of left lower limb, including hip	ICD-10-CM	Diagnosis
C43.8	Malignant melanoma of overlapping sites of skin	ICD-10-CM	Diagnosis
C43.9	Malignant melanoma of skin, unspecified	ICD-10-CM	Diagnosis
C45.0	Mesothelioma of pleura	ICD-10-CM	Diagnosis
C45.1	Mesothelioma of peritoneum	ICD-10-CM	Diagnosis
C45.2	Mesothelioma of pericardium	ICD-10-CM	Diagnosis
C45.7	Mesothelioma of other sites	ICD-10-CM	Diagnosis
C45.9	Mesothelioma, unspecified	ICD-10-CM	Diagnosis
C46.0	Kaposi's sarcoma of skin	ICD-10-CM	Diagnosis
C46.1	Kaposi's sarcoma of soft tissue	ICD-10-CM	Diagnosis
C46.2	Kaposi's sarcoma of palate	ICD-10-CM	Diagnosis
C46.3	Kaposi's sarcoma of lymph nodes	ICD-10-CM	Diagnosis
C46.4	Kaposi's sarcoma of gastrointestinal sites	ICD-10-CM	Diagnosis
C46.50	Kaposi's sarcoma of unspecified lung	ICD-10-CM	Diagnosis
C46.51	Kaposi's sarcoma of right lung	ICD-10-CM	Diagnosis
C46.52	Kaposi's sarcoma of left lung	ICD-10-CM	Diagnosis
C46.7	Kaposi's sarcoma of other sites	ICD-10-CM	Diagnosis
C46.9	Kaposi's sarcoma, unspecified	ICD-10-CM	Diagnosis
C47.0	Malignant neoplasm of peripheral nerves of head, face and neck	ICD-10-CM	Diagnosis
C47.10	Malignant neoplasm of peripheral nerves of unspecified upper limb, including shoulder	ICD-10-CM	Diagnosis
C47.11	Malignant neoplasm of peripheral nerves of right upper limb, including shoulder	ICD-10-CM	Diagnosis
C47.12	Malignant neoplasm of peripheral nerves of left upper limb, including shoulder	ICD-10-CM	Diagnosis
C47.20	Malignant neoplasm of peripheral nerves of unspecified lower limb, including hip	ICD-10-CM	Diagnosis
C47.21	Malignant neoplasm of peripheral nerves of right lower limb, including hip	ICD-10-CM	Diagnosis
C47.22	Malignant neoplasm of peripheral nerves of left lower limb, including hip	ICD-10-CM	Diagnosis
C47.3	Malignant neoplasm of peripheral nerves of thorax	ICD-10-CM	Diagnosis
C47.4	Malignant neoplasm of peripheral nerves of abdomen	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
C47.5	Malignant neoplasm of peripheral nerves of pelvis	ICD-10-CM	Diagnosis
C47.6	Malignant neoplasm of peripheral nerves of trunk, unspecified	ICD-10-CM	Diagnosis
C47.8	Malignant neoplasm of overlapping sites of peripheral nerves and autonomic nervous sy	ICD-10-CM	Diagnosis
C47.9	Malignant neoplasm of peripheral nerves and autonomic nervous system, unspecified	ICD-10-CM	Diagnosis
C48.0	Malignant neoplasm of retroperitoneum	ICD-10-CM	Diagnosis
C48.1	Malignant neoplasm of specified parts of peritoneum	ICD-10-CM	Diagnosis
C48.2	Malignant neoplasm of peritoneum, unspecified	ICD-10-CM	Diagnosis
C48.8	Malignant neoplasm of overlapping sites of retroperitoneum and peritoneum	ICD-10-CM	Diagnosis
C49.0	Malignant neoplasm of connective and soft tissue of head, face and neck	ICD-10-CM	Diagnosis
C49.10	Malignant neoplasm of connective and soft tissue of unspecified upper limb, including shoulder	ICD-10-CM	Diagnosis
C49.11	Malignant neoplasm of connective and soft tissue of right upper limb, including shoulder	ICD-10-CM	Diagnosis
C49.12	Malignant neoplasm of connective and soft tissue of left upper limb, including shoulder	ICD-10-CM	Diagnosis
C49.20	Malignant neoplasm of connective and soft tissue of unspecified lower limb, including hip	ICD-10-CM	Diagnosis
C49.21	Malignant neoplasm of connective and soft tissue of right lower limb, including hip	ICD-10-CM	Diagnosis
C49.22	Malignant neoplasm of connective and soft tissue of left lower limb, including hip	ICD-10-CM	Diagnosis
C49.3	Malignant neoplasm of connective and soft tissue of thorax	ICD-10-CM	Diagnosis
C49.4	Malignant neoplasm of connective and soft tissue of abdomen	ICD-10-CM	Diagnosis
C49.5	Malignant neoplasm of connective and soft tissue of pelvis	ICD-10-CM	Diagnosis
C49.6	Malignant neoplasm of connective and soft tissue of trunk, unspecified	ICD-10-CM	Diagnosis
C49.8	Malignant neoplasm of overlapping sites of connective and soft tissue	ICD-10-CM	Diagnosis
C49.9	Malignant neoplasm of connective and soft tissue, unspecified	ICD-10-CM	Diagnosis
C49.A0	Gastrointestinal stromal tumor, unspecified site	ICD-10-CM	Diagnosis
C49.A1	Gastrointestinal stromal tumor of esophagus	ICD-10-CM	Diagnosis
C49.A2	Gastrointestinal stromal tumor of stomach	ICD-10-CM	Diagnosis
C49.A3	Gastrointestinal stromal tumor of small intestine	ICD-10-CM	Diagnosis
C49.A4	Gastrointestinal stromal tumor of large intestine	ICD-10-CM	Diagnosis
C49.A5	Gastrointestinal stromal tumor of rectum	ICD-10-CM	Diagnosis
C49.A9	Gastrointestinal stromal tumor of other sites	ICD-10-CM	Diagnosis
C4A.0	Merkel cell carcinoma of lip	ICD-10-CM	Diagnosis
C4A.10	Merkel cell carcinoma of unspecified eyelid, including canthus	ICD-10-CM	Diagnosis
C4A.11	Merkel cell carcinoma of right eyelid, including canthus	ICD-10-CM	Diagnosis
C4A.12	Merkel cell carcinoma of left eyelid, including canthus	ICD-10-CM	Diagnosis
C4A.20	Merkel cell carcinoma of unspecified ear and external auricular canal	ICD-10-CM	Diagnosis
C4A.21	Merkel cell carcinoma of right ear and external auricular canal	ICD-10-CM	Diagnosis
C4A.22	Merkel cell carcinoma of left ear and external auricular canal	ICD-10-CM	Diagnosis
C4A.30	Merkel cell carcinoma of unspecified part of face	ICD-10-CM	Diagnosis
C4A.31	Merkel cell carcinoma of nose	ICD-10-CM	Diagnosis
C4A.39	Merkel cell carcinoma of other parts of face	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
C4A.4	Merkel cell carcinoma of scalp and neck	ICD-10-CM	Diagnosis
C4A.51	Merkel cell carcinoma of anal skin	ICD-10-CM	Diagnosis
C4A.52	Merkel cell carcinoma of skin of breast	ICD-10-CM	Diagnosis
C4A.59	Merkel cell carcinoma of other part of trunk	ICD-10-CM	Diagnosis
C4A.60	Merkel cell carcinoma of unspecified upper limb, including shoulder	ICD-10-CM	Diagnosis
C4A.61	Merkel cell carcinoma of right upper limb, including shoulder	ICD-10-CM	Diagnosis
C4A.62	Merkel cell carcinoma of left upper limb, including shoulder	ICD-10-CM	Diagnosis
C4A.70	Merkel cell carcinoma of unspecified lower limb, including hip	ICD-10-CM	Diagnosis
C4A.71	Merkel cell carcinoma of right lower limb, including hip	ICD-10-CM	Diagnosis
C4A.72	Merkel cell carcinoma of left lower limb, including hip	ICD-10-CM	Diagnosis
C4A.8	Merkel cell carcinoma of overlapping sites	ICD-10-CM	Diagnosis
C4A.9	Merkel cell carcinoma, unspecified	ICD-10-CM	Diagnosis
C50.011	Malignant neoplasm of nipple and areola, right female breast	ICD-10-CM	Diagnosis
C50.012	Malignant neoplasm of nipple and areola, left female breast	ICD-10-CM	Diagnosis
C50.019	Malignant neoplasm of nipple and areola, unspecified female breast	ICD-10-CM	Diagnosis
C50.021	Malignant neoplasm of nipple and areola, right male breast	ICD-10-CM	Diagnosis
C50.022	Malignant neoplasm of nipple and areola, left male breast	ICD-10-CM	Diagnosis
C50.029	Malignant neoplasm of nipple and areola, unspecified male breast	ICD-10-CM	Diagnosis
C50.111	Malignant neoplasm of central portion of right female breast	ICD-10-CM	Diagnosis
C50.112	Malignant neoplasm of central portion of left female breast	ICD-10-CM	Diagnosis
C50.119	Malignant neoplasm of central portion of unspecified female breast	ICD-10-CM	Diagnosis
C50.121	Malignant neoplasm of central portion of right male breast	ICD-10-CM	Diagnosis
C50.122	Malignant neoplasm of central portion of left male breast	ICD-10-CM	Diagnosis
C50.129	Malignant neoplasm of central portion of unspecified male breast	ICD-10-CM	Diagnosis
C50.211	Malignant neoplasm of upper-inner quadrant of right female breast	ICD-10-CM	Diagnosis
C50.212	Malignant neoplasm of upper-inner quadrant of left female breast	ICD-10-CM	Diagnosis
C50.219	Malignant neoplasm of upper-inner quadrant of unspecified female breast	ICD-10-CM	Diagnosis
C50.221	Malignant neoplasm of upper-inner quadrant of right male breast	ICD-10-CM	Diagnosis
C50.222	Malignant neoplasm of upper-inner quadrant of left male breast	ICD-10-CM	Diagnosis
C50.229	Malignant neoplasm of upper-inner quadrant of unspecified male breast	ICD-10-CM	Diagnosis
C50.311	Malignant neoplasm of lower-inner quadrant of right female breast	ICD-10-CM	Diagnosis
C50.312	Malignant neoplasm of lower-inner quadrant of left female breast	ICD-10-CM	Diagnosis
C50.319	Malignant neoplasm of lower-inner quadrant of unspecified female breast	ICD-10-CM	Diagnosis
C50.321	Malignant neoplasm of lower-inner quadrant of right male breast	ICD-10-CM	Diagnosis
C50.322	Malignant neoplasm of lower-inner quadrant of left male breast	ICD-10-CM	Diagnosis
C50.329	Malignant neoplasm of lower-inner quadrant of unspecified male breast	ICD-10-CM	Diagnosis
C50.411	Malignant neoplasm of upper-outer quadrant of right female breast	ICD-10-CM	Diagnosis
C50.412	Malignant neoplasm of upper-outer quadrant of left female breast	ICD-10-CM	Diagnosis
C50.419	Malignant neoplasm of upper-outer quadrant of unspecified female breast	ICD-10-CM	Diagnosis
C50.421	Malignant neoplasm of upper-outer quadrant of right male breast	ICD-10-CM	Diagnosis
C50.422	Malignant neoplasm of upper-outer quadrant of left male breast	ICD-10-CM	Diagnosis
C50.429	Malignant neoplasm of upper-outer quadrant of unspecified male breast	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
C50.511	Malignant neoplasm of lower-outer quadrant of right female breast	ICD-10-CM	Diagnosis
C50.512	Malignant neoplasm of lower-outer quadrant of left female breast	ICD-10-CM	Diagnosis
C50.519	Malignant neoplasm of lower-outer quadrant of unspecified female breast	ICD-10-CM	Diagnosis
C50.521	Malignant neoplasm of lower-outer quadrant of right male breast	ICD-10-CM	Diagnosis
C50.522	Malignant neoplasm of lower-outer quadrant of left male breast	ICD-10-CM	Diagnosis
C50.529	Malignant neoplasm of lower-outer quadrant of unspecified male breast	ICD-10-CM	Diagnosis
C50.611	Malignant neoplasm of axillary tail of right female breast	ICD-10-CM	Diagnosis
C50.612	Malignant neoplasm of axillary tail of left female breast	ICD-10-CM	Diagnosis
C50.619	Malignant neoplasm of axillary tail of unspecified female breast	ICD-10-CM	Diagnosis
C50.621	Malignant neoplasm of axillary tail of right male breast	ICD-10-CM	Diagnosis
C50.622	Malignant neoplasm of axillary tail of left male breast	ICD-10-CM	Diagnosis
C50.629	Malignant neoplasm of axillary tail of unspecified male breast	ICD-10-CM	Diagnosis
C50.811	Malignant neoplasm of overlapping sites of right female breast	ICD-10-CM	Diagnosis
C50.812	Malignant neoplasm of overlapping sites of left female breast	ICD-10-CM	Diagnosis
C50.819	Malignant neoplasm of overlapping sites of unspecified female breast	ICD-10-CM	Diagnosis
C50.821	Malignant neoplasm of overlapping sites of right male breast	ICD-10-CM	Diagnosis
C50.822	Malignant neoplasm of overlapping sites of left male breast	ICD-10-CM	Diagnosis
C50.829	Malignant neoplasm of overlapping sites of unspecified male breast	ICD-10-CM	Diagnosis
C50.911	Malignant neoplasm of unspecified site of right female breast	ICD-10-CM	Diagnosis
C50.912	Malignant neoplasm of unspecified site of left female breast	ICD-10-CM	Diagnosis
C50.919	Malignant neoplasm of unspecified site of unspecified female breast	ICD-10-CM	Diagnosis
C50.921	Malignant neoplasm of unspecified site of right male breast	ICD-10-CM	Diagnosis
C50.922	Malignant neoplasm of unspecified site of left male breast	ICD-10-CM	Diagnosis
C50.929	Malignant neoplasm of unspecified site of unspecified male breast	ICD-10-CM	Diagnosis
C51.0	Malignant neoplasm of labium majus	ICD-10-CM	Diagnosis
C51.1	Malignant neoplasm of labium minus	ICD-10-CM	Diagnosis
C51.2	Malignant neoplasm of clitoris	ICD-10-CM	Diagnosis
C51.8	Malignant neoplasm of overlapping sites of vulva	ICD-10-CM	Diagnosis
C51.9	Malignant neoplasm of vulva, unspecified	ICD-10-CM	Diagnosis
C52	Malignant neoplasm of vagina	ICD-10-CM	Diagnosis
C53.0	Malignant neoplasm of endocervix	ICD-10-CM	Diagnosis
C53.1	Malignant neoplasm of exocervix	ICD-10-CM	Diagnosis
C53.8	Malignant neoplasm of overlapping sites of cervix uteri	ICD-10-CM	Diagnosis
C53.9	Malignant neoplasm of cervix uteri, unspecified	ICD-10-CM	Diagnosis
C54.0	Malignant neoplasm of isthmus uteri	ICD-10-CM	Diagnosis
C54.1	Malignant neoplasm of endometrium	ICD-10-CM	Diagnosis
C54.2	Malignant neoplasm of myometrium	ICD-10-CM	Diagnosis
C54.3	Malignant neoplasm of fundus uteri	ICD-10-CM	Diagnosis
C54.8	Malignant neoplasm of overlapping sites of corpus uteri	ICD-10-CM	Diagnosis
C54.9	Malignant neoplasm of corpus uteri, unspecified	ICD-10-CM	Diagnosis
C55	Malignant neoplasm of uterus, part unspecified	ICD-10-CM	Diagnosis
C56.1	Malignant neoplasm of right ovary	ICD-10-CM	Diagnosis

Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedural Classification System (ICD-10-PCS), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Type	Code Category
C56.2	Malignant neoplasm of left ovary	ICD-10-CM	Diagnosis
C56.9	Malignant neoplasm of unspecified ovary	ICD-10-CM	Diagnosis
C57.00	Malignant neoplasm of unspecified fallopian tube	ICD-10-CM	Diagnosis
C57.01	Malignant neoplasm of right fallopian tube	ICD-10-CM	Diagnosis
C57.02	Malignant neoplasm of left fallopian tube	ICD-10-CM	Diagnosis
C57.10	Malignant neoplasm of unspecified broad ligament	ICD-10-CM	Diagnosis
C57.11	Malignant neoplasm of right broad ligament	ICD-10-CM	Diagnosis
C57.12	Malignant neoplasm of left broad ligament	ICD-10-CM	Diagnosis
C57.20	Malignant neoplasm of unspecified round ligament	ICD-10-CM	Diagnosis
C57.21	Malignant neoplasm of right round ligament	ICD-10-CM	Diagnosis
C57.22	Malignant neoplasm of left round ligament	ICD-10-CM	Diagnosis
C57.3	Malignant neoplasm of parametrium	ICD-10-CM	Diagnosis
C57.4	Malignant neoplasm of uterine adnexa, unspecified	ICD-10-CM	Diagnosis
C57.7	Malignant neoplasm of other specified female genital organs	ICD-10-CM	Diagnosis
C57.8	Malignant neoplasm of overlapping sites of female genital organs	ICD-10-CM	Diagnosis
C57.9	Malignant neoplasm of female genital organ, unspecified	ICD-10-CM	Diagnosis
C58	Malignant neoplasm of placenta	ICD-10-CM	Diagnosis
C60.0	Malignant neoplasm of prepuce	ICD-10-CM	Diagnosis
C60.1	Malignant neoplasm of glans penis	ICD-10-CM	Diagnosis
C60.2	Malignant neoplasm of body of penis	ICD-10-CM	Diagnosis
C60.8	Malignant neoplasm of overlapping sites of penis	ICD-10-CM	Diagnosis
C60.9	Malignant neoplasm of penis, unspecified	ICD-10-CM	Diagnosis
C61	Malignant neoplasm of prostate	ICD-10-CM	Diagnosis
C62.00	Malignant neoplasm of unspecified undescended testis	ICD-10-CM	Diagnosis
C62.01	Malignant neoplasm of undescended right testis	ICD-10-CM	Diagnosis
C62.02	Malignant neoplasm of undescended left testis	ICD-10-CM	Diagnosis
C62.10	Malignant neoplasm of unspecified descended testis	ICD-10-CM	Diagnosis
C62.11	Malignant neoplasm of descended right testis	ICD-10-CM	Diagnosis
C62.12	Malignant neoplasm of descended left testis	ICD-10-CM	Diagnosis
C62.90	Malignant neoplasm of unspecified testis, unspecified whether descended or undescended	ICD-10-CM	Diagnosis
C62.91	Malignant neoplasm of right testis, unspecified whether descended or undescended	ICD-10-CM	Diagnosis
C62.92	Malignant neoplasm of left testis, unspecified whether descended or undescended	ICD-10-CM	Diagnosis
C63.00	Malignant neoplasm of unspecified epididymis	ICD-10-CM	Diagnosis
C63.01	Malignant neoplasm of right epididymis	ICD-10-CM	Diagnosis
C63.02	Malignant neoplasm of left epididymis	ICD-10-CM	Diagnosis
C63.10	Malignant neoplasm of unspecified spermatic cord	ICD-10-CM	Diagnosis
C63.11	Malignant neoplasm of right spermatic cord	ICD-10-CM	Diagnosis
C63.12	Malignant neoplasm of left spermatic cord	ICD-10-CM	Diagnosis
C63.2	Malignant neoplasm of scrotum	ICD-10-CM	Diagnosis
C63.7	Malignant neoplasm of other specified male genital organs	ICD-10-CM	Diagnosis
C63.8	Malignant neoplasm of overlapping sites of male genital organs	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
C63.9	Malignant neoplasm of male genital organ, unspecified	ICD-10-CM	Diagnosis
C64.1	Malignant neoplasm of right kidney, except renal pelvis	ICD-10-CM	Diagnosis
C64.2	Malignant neoplasm of left kidney, except renal pelvis	ICD-10-CM	Diagnosis
C64.9	Malignant neoplasm of unspecified kidney, except renal pelvis	ICD-10-CM	Diagnosis
C65.1	Malignant neoplasm of right renal pelvis	ICD-10-CM	Diagnosis
C65.2	Malignant neoplasm of left renal pelvis	ICD-10-CM	Diagnosis
C65.9	Malignant neoplasm of unspecified renal pelvis	ICD-10-CM	Diagnosis
C66.1	Malignant neoplasm of right ureter	ICD-10-CM	Diagnosis
C66.2	Malignant neoplasm of left ureter	ICD-10-CM	Diagnosis
C66.9	Malignant neoplasm of unspecified ureter	ICD-10-CM	Diagnosis
C67.0	Malignant neoplasm of trigone of bladder	ICD-10-CM	Diagnosis
C67.1	Malignant neoplasm of dome of bladder	ICD-10-CM	Diagnosis
C67.2	Malignant neoplasm of lateral wall of bladder	ICD-10-CM	Diagnosis
C67.3	Malignant neoplasm of anterior wall of bladder	ICD-10-CM	Diagnosis
C67.4	Malignant neoplasm of posterior wall of bladder	ICD-10-CM	Diagnosis
C67.5	Malignant neoplasm of bladder neck	ICD-10-CM	Diagnosis
C67.6	Malignant neoplasm of ureteric orifice	ICD-10-CM	Diagnosis
C67.7	Malignant neoplasm of urachus	ICD-10-CM	Diagnosis
C67.8	Malignant neoplasm of overlapping sites of bladder	ICD-10-CM	Diagnosis
C67.9	Malignant neoplasm of bladder, unspecified	ICD-10-CM	Diagnosis
C68.0	Malignant neoplasm of urethra	ICD-10-CM	Diagnosis
C68.1	Malignant neoplasm of paraurethral glands	ICD-10-CM	Diagnosis
C68.8	Malignant neoplasm of overlapping sites of urinary organs	ICD-10-CM	Diagnosis
C68.9	Malignant neoplasm of urinary organ, unspecified	ICD-10-CM	Diagnosis
C69.00	Malignant neoplasm of unspecified conjunctiva	ICD-10-CM	Diagnosis
C69.01	Malignant neoplasm of right conjunctiva	ICD-10-CM	Diagnosis
C69.02	Malignant neoplasm of left conjunctiva	ICD-10-CM	Diagnosis
C69.10	Malignant neoplasm of unspecified cornea	ICD-10-CM	Diagnosis
C69.11	Malignant neoplasm of right cornea	ICD-10-CM	Diagnosis
C69.12	Malignant neoplasm of left cornea	ICD-10-CM	Diagnosis
C69.20	Malignant neoplasm of unspecified retina	ICD-10-CM	Diagnosis
C69.21	Malignant neoplasm of right retina	ICD-10-CM	Diagnosis
C69.22	Malignant neoplasm of left retina	ICD-10-CM	Diagnosis
C69.30	Malignant neoplasm of unspecified choroid	ICD-10-CM	Diagnosis
C69.31	Malignant neoplasm of right choroid	ICD-10-CM	Diagnosis
C69.32	Malignant neoplasm of left choroid	ICD-10-CM	Diagnosis
C69.40	Malignant neoplasm of unspecified ciliary body	ICD-10-CM	Diagnosis
C69.41	Malignant neoplasm of right ciliary body	ICD-10-CM	Diagnosis
C69.42	Malignant neoplasm of left ciliary body	ICD-10-CM	Diagnosis
C69.50	Malignant neoplasm of unspecified lacrimal gland and duct	ICD-10-CM	Diagnosis
C69.51	Malignant neoplasm of right lacrimal gland and duct	ICD-10-CM	Diagnosis
C69.52	Malignant neoplasm of left lacrimal gland and duct	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
C69.60	Malignant neoplasm of unspecified orbit	ICD-10-CM	Diagnosis
C69.61	Malignant neoplasm of right orbit	ICD-10-CM	Diagnosis
C69.62	Malignant neoplasm of left orbit	ICD-10-CM	Diagnosis
C69.80	Malignant neoplasm of overlapping sites of unspecified eye and adnexa	ICD-10-CM	Diagnosis
C69.81	Malignant neoplasm of overlapping sites of right eye and adnexa	ICD-10-CM	Diagnosis
C69.82	Malignant neoplasm of overlapping sites of left eye and adnexa	ICD-10-CM	Diagnosis
C69.90	Malignant neoplasm of unspecified site of unspecified eye	ICD-10-CM	Diagnosis
C69.91	Malignant neoplasm of unspecified site of right eye	ICD-10-CM	Diagnosis
C69.92	Malignant neoplasm of unspecified site of left eye	ICD-10-CM	Diagnosis
C73	Malignant neoplasm of thyroid gland	ICD-10-CM	Diagnosis
C74.00	Malignant neoplasm of cortex of unspecified adrenal gland	ICD-10-CM	Diagnosis
C74.01	Malignant neoplasm of cortex of right adrenal gland	ICD-10-CM	Diagnosis
C74.02	Malignant neoplasm of cortex of left adrenal gland	ICD-10-CM	Diagnosis
C74.10	Malignant neoplasm of medulla of unspecified adrenal gland	ICD-10-CM	Diagnosis
C74.11	Malignant neoplasm of medulla of right adrenal gland	ICD-10-CM	Diagnosis
C74.12	Malignant neoplasm of medulla of left adrenal gland	ICD-10-CM	Diagnosis
C74.90	Malignant neoplasm of unspecified part of unspecified adrenal gland	ICD-10-CM	Diagnosis
C74.91	Malignant neoplasm of unspecified part of right adrenal gland	ICD-10-CM	Diagnosis
C74.92	Malignant neoplasm of unspecified part of left adrenal gland	ICD-10-CM	Diagnosis
C75.0	Malignant neoplasm of parathyroid gland	ICD-10-CM	Diagnosis
C75.1	Malignant neoplasm of pituitary gland	ICD-10-CM	Diagnosis
C75.2	Malignant neoplasm of craniopharyngeal duct	ICD-10-CM	Diagnosis
C75.3	Malignant neoplasm of pineal gland	ICD-10-CM	Diagnosis
C75.4	Malignant neoplasm of carotid body	ICD-10-CM	Diagnosis
C75.5	Malignant neoplasm of aortic body and other paraganglia	ICD-10-CM	Diagnosis
C75.8	Malignant neoplasm with pluriglandular involvement, unspecified	ICD-10-CM	Diagnosis
C75.9	Malignant neoplasm of endocrine gland, unspecified	ICD-10-CM	Diagnosis
C76.0	Malignant neoplasm of head, face and neck	ICD-10-CM	Diagnosis
C76.1	Malignant neoplasm of thorax	ICD-10-CM	Diagnosis
C76.2	Malignant neoplasm of abdomen	ICD-10-CM	Diagnosis
C76.3	Malignant neoplasm of pelvis	ICD-10-CM	Diagnosis
C76.40	Malignant neoplasm of unspecified upper limb	ICD-10-CM	Diagnosis
C76.41	Malignant neoplasm of right upper limb	ICD-10-CM	Diagnosis
C76.42	Malignant neoplasm of left upper limb	ICD-10-CM	Diagnosis
C76.50	Malignant neoplasm of unspecified lower limb	ICD-10-CM	Diagnosis
C76.51	Malignant neoplasm of right lower limb	ICD-10-CM	Diagnosis
C76.52	Malignant neoplasm of left lower limb	ICD-10-CM	Diagnosis
C76.8	Malignant neoplasm of other specified ill-defined sites	ICD-10-CM	Diagnosis
C77.0	Secondary and unspecified malignant neoplasm of lymph nodes of head, face and neck	ICD-10-CM	Diagnosis
C77.1	Secondary and unspecified malignant neoplasm of intrathoracic lymph nodes	ICD-10-CM	Diagnosis
C77.2	Secondary and unspecified malignant neoplasm of intra-abdominal lymph nodes	ICD-10-CM	Diagnosis
C77.3	Secondary and unspecified malignant neoplasm of axilla and upper limb lymph nodes	ICD-10-CM	Diagnosis

Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedural Classification System (ICD-10-PCS), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Type	Code Category
C77.4	Secondary and unspecified malignant neoplasm of inguinal and lower limb lymph nodes	ICD-10-CM	Diagnosis
C77.5	Secondary and unspecified malignant neoplasm of intrapelvic lymph nodes	ICD-10-CM	Diagnosis
C77.8	Secondary and unspecified malignant neoplasm of lymph nodes of multiple regions	ICD-10-CM	Diagnosis
C77.9	Secondary and unspecified malignant neoplasm of lymph node, unspecified	ICD-10-CM	Diagnosis
C78.00	Secondary malignant neoplasm of unspecified lung	ICD-10-CM	Diagnosis
C78.01	Secondary malignant neoplasm of right lung	ICD-10-CM	Diagnosis
C78.02	Secondary malignant neoplasm of left lung	ICD-10-CM	Diagnosis
C78.1	Secondary malignant neoplasm of mediastinum	ICD-10-CM	Diagnosis
C78.2	Secondary malignant neoplasm of pleura	ICD-10-CM	Diagnosis
C78.30	Secondary malignant neoplasm of unspecified respiratory organ	ICD-10-CM	Diagnosis
C78.39	Secondary malignant neoplasm of other respiratory organs	ICD-10-CM	Diagnosis
C78.4	Secondary malignant neoplasm of small intestine	ICD-10-CM	Diagnosis
C78.5	Secondary malignant neoplasm of large intestine and rectum	ICD-10-CM	Diagnosis
C78.6	Secondary malignant neoplasm of retroperitoneum and peritoneum	ICD-10-CM	Diagnosis
C78.7	Secondary malignant neoplasm of liver and intrahepatic bile duct	ICD-10-CM	Diagnosis
C78.80	Secondary malignant neoplasm of unspecified digestive organ	ICD-10-CM	Diagnosis
C78.89	Secondary malignant neoplasm of other digestive organs	ICD-10-CM	Diagnosis
C79.00	Secondary malignant neoplasm of unspecified kidney and renal pelvis	ICD-10-CM	Diagnosis
C79.01	Secondary malignant neoplasm of right kidney and renal pelvis	ICD-10-CM	Diagnosis
C79.02	Secondary malignant neoplasm of left kidney and renal pelvis	ICD-10-CM	Diagnosis
C79.10	Secondary malignant neoplasm of unspecified urinary organs	ICD-10-CM	Diagnosis
C79.11	Secondary malignant neoplasm of bladder	ICD-10-CM	Diagnosis
C79.19	Secondary malignant neoplasm of other urinary organs	ICD-10-CM	Diagnosis
C79.2	Secondary malignant neoplasm of skin	ICD-10-CM	Diagnosis
C79.51	Secondary malignant neoplasm of bone	ICD-10-CM	Diagnosis
C79.52	Secondary malignant neoplasm of bone marrow	ICD-10-CM	Diagnosis
C79.60	Secondary malignant neoplasm of unspecified ovary	ICD-10-CM	Diagnosis
C79.61	Secondary malignant neoplasm of right ovary	ICD-10-CM	Diagnosis
C79.62	Secondary malignant neoplasm of left ovary	ICD-10-CM	Diagnosis
C79.70	Secondary malignant neoplasm of unspecified adrenal gland	ICD-10-CM	Diagnosis
C79.71	Secondary malignant neoplasm of right adrenal gland	ICD-10-CM	Diagnosis
C79.72	Secondary malignant neoplasm of left adrenal gland	ICD-10-CM	Diagnosis
C79.81	Secondary malignant neoplasm of breast	ICD-10-CM	Diagnosis
C79.82	Secondary malignant neoplasm of genital organs	ICD-10-CM	Diagnosis
C79.89	Secondary malignant neoplasm of other specified sites	ICD-10-CM	Diagnosis
C79.9	Secondary malignant neoplasm of unspecified site	ICD-10-CM	Diagnosis
C7A.00	Malignant carcinoid tumor of unspecified site	ICD-10-CM	Diagnosis
C7A.010	Malignant carcinoid tumor of the duodenum	ICD-10-CM	Diagnosis
C7A.011	Malignant carcinoid tumor of the jejunum	ICD-10-CM	Diagnosis
C7A.012	Malignant carcinoid tumor of the ileum	ICD-10-CM	Diagnosis
C7A.019	Malignant carcinoid tumor of the small intestine, unspecified portion	ICD-10-CM	Diagnosis
C7A.020	Malignant carcinoid tumor of the appendix	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
C7A.021	Malignant carcinoid tumor of the cecum	ICD-10-CM	Diagnosis
C7A.022	Malignant carcinoid tumor of the ascending colon	ICD-10-CM	Diagnosis
C7A.023	Malignant carcinoid tumor of the transverse colon	ICD-10-CM	Diagnosis
C7A.024	Malignant carcinoid tumor of the descending colon	ICD-10-CM	Diagnosis
C7A.025	Malignant carcinoid tumor of the sigmoid colon	ICD-10-CM	Diagnosis
C7A.026	Malignant carcinoid tumor of the rectum	ICD-10-CM	Diagnosis
C7A.029	Malignant carcinoid tumor of the large intestine, unspecified portion	ICD-10-CM	Diagnosis
C7A.090	Malignant carcinoid tumor of the bronchus and lung	ICD-10-CM	Diagnosis
C7A.091	Malignant carcinoid tumor of the thymus	ICD-10-CM	Diagnosis
C7A.092	Malignant carcinoid tumor of the stomach	ICD-10-CM	Diagnosis
C7A.093	Malignant carcinoid tumor of the kidney	ICD-10-CM	Diagnosis
C7A.094	Malignant carcinoid tumor of the foregut, unspecified	ICD-10-CM	Diagnosis
C7A.095	Malignant carcinoid tumor of the midgut, unspecified	ICD-10-CM	Diagnosis
C7A.096	Malignant carcinoid tumor of the hindgut, unspecified	ICD-10-CM	Diagnosis
C7A.098	Malignant carcinoid tumors of other sites	ICD-10-CM	Diagnosis
C7A.1	Malignant poorly differentiated neuroendocrine tumors	ICD-10-CM	Diagnosis
C7A.8	Other malignant neuroendocrine tumors	ICD-10-CM	Diagnosis
C7B.00	Secondary carcinoid tumors, unspecified site	ICD-10-CM	Diagnosis
C7B.01	Secondary carcinoid tumors of distant lymph nodes	ICD-10-CM	Diagnosis
C7B.02	Secondary carcinoid tumors of liver	ICD-10-CM	Diagnosis
C7B.03	Secondary carcinoid tumors of bone	ICD-10-CM	Diagnosis
C7B.04	Secondary carcinoid tumors of peritoneum	ICD-10-CM	Diagnosis
C7B.09	Secondary carcinoid tumors of other sites	ICD-10-CM	Diagnosis
C7B.1	Secondary Merkel cell carcinoma	ICD-10-CM	Diagnosis
C7B.8	Other secondary neuroendocrine tumors	ICD-10-CM	Diagnosis
C80.0	Disseminated malignant neoplasm, unspecified	ICD-10-CM	Diagnosis
C80.1	Malignant (primary) neoplasm, unspecified	ICD-10-CM	Diagnosis
C80.2	Malignant neoplasm associated with transplanted organ	ICD-10-CM	Diagnosis
C86.6	Primary cutaneous CD30-positive T-cell proliferations	ICD-10-CM	Diagnosis
C88.0	Waldenstrom macroglobulinemia	ICD-10-CM	Diagnosis
C88.2	Heavy chain disease	ICD-10-CM	Diagnosis
C88.3	Immunoproliferative small intestinal disease	ICD-10-CM	Diagnosis
C88.8	Other malignant immunoproliferative diseases	ICD-10-CM	Diagnosis
C88.9	Malignant immunoproliferative disease, unspecified	ICD-10-CM	Diagnosis
Diabetes Mellitus			
249	Secondary diabetes mellitus	ICD-09-CM	Diagnosis
249.0	Secondary diabetes mellitus without mention of complication	ICD-09-CM	Diagnosis
249.00	Secondary diabetes mellitus without mention of complication, not stated as uncontrolled, or unspecified	ICD-09-CM	Diagnosis
249.01	Secondary diabetes mellitus without mention of complication, uncontrolled	ICD-09-CM	Diagnosis
249.1	Secondary diabetes mellitus with ketoacidosis	ICD-09-CM	Diagnosis

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Code	Description	Code Type	Code Category
249.10	Secondary diabetes mellitus with ketoacidosis, not stated as uncontrolled, or unspecified	ICD-09-CM	Diagnosis
249.11	Secondary diabetes mellitus with ketoacidosis, uncontrolled	ICD-09-CM	Diagnosis
249.2	Secondary diabetes mellitus with hyperosmolarity	ICD-09-CM	Diagnosis
249.20	Secondary diabetes mellitus with hyperosmolarity, not stated as uncontrolled, or unspecified	ICD-09-CM	Diagnosis
249.21	Secondary diabetes mellitus with hyperosmolarity, uncontrolled	ICD-09-CM	Diagnosis
249.3	Secondary diabetes mellitus with other coma	ICD-09-CM	Diagnosis
249.30	Secondary diabetes mellitus with other coma, not stated as uncontrolled, or unspecified	ICD-09-CM	Diagnosis
249.31	Secondary diabetes mellitus with other coma, uncontrolled	ICD-09-CM	Diagnosis
249.4	Secondary diabetes mellitus with renal manifestations	ICD-09-CM	Diagnosis
249.40	Secondary diabetes mellitus with renal manifestations, not stated as uncontrolled, or unspecified	ICD-09-CM	Diagnosis
249.41	Secondary diabetes mellitus with renal manifestations, uncontrolled	ICD-09-CM	Diagnosis
249.5	Secondary diabetes mellitus with ophthalmic manifestations	ICD-09-CM	Diagnosis
249.50	Secondary diabetes mellitus with ophthalmic manifestations, not stated as uncontrolled, or unspecified	ICD-09-CM	Diagnosis
249.51	Secondary diabetes mellitus with ophthalmic manifestations, uncontrolled	ICD-09-CM	Diagnosis
249.6	Secondary diabetes mellitus with neurological manifestations	ICD-09-CM	Diagnosis
249.60	Secondary diabetes mellitus with neurological manifestations, not stated as uncontrolled	ICD-09-CM	Diagnosis
249.61	Secondary diabetes mellitus with neurological manifestations, uncontrolled	ICD-09-CM	Diagnosis
249.7	Secondary diabetes mellitus with peripheral circulatory disorders	ICD-09-CM	Diagnosis
249.70	Secondary diabetes mellitus with peripheral circulatory disorders, not stated as uncontrolled	ICD-09-CM	Diagnosis
249.71	Secondary diabetes mellitus with peripheral circulatory disorders, uncontrolled	ICD-09-CM	Diagnosis
249.8	Secondary diabetes mellitus with other specified manifestations	ICD-09-CM	Diagnosis
249.80	Secondary diabetes mellitus with other specified manifestations, not stated as uncontrolled	ICD-09-CM	Diagnosis
249.81	Secondary diabetes mellitus with other specified manifestations, uncontrolled	ICD-09-CM	Diagnosis
249.9	Secondary diabetes mellitus with unspecified complication	ICD-09-CM	Diagnosis
249.90	Secondary diabetes mellitus with unspecified complication, not stated as uncontrolled, or unspecified	ICD-09-CM	Diagnosis
249.91	Secondary diabetes mellitus with unspecified complication, uncontrolled	ICD-09-CM	Diagnosis
250	Diabetes mellitus	ICD-09-CM	Diagnosis
250.0	Diabetes mellitus without mention of complication	ICD-09-CM	Diagnosis
250.00	Diabetes mellitus without mention of complication, type II or unspecified type, not stated as uncontrolled	ICD-09-CM	Diagnosis
250.01	Diabetes mellitus without mention of complication, type I [juvenile type], not stated as uncontrolled	ICD-09-CM	Diagnosis
250.02	Diabetes mellitus without mention of complication, type II or unspecified type, uncontrolled	ICD-09-CM	Diagnosis
250.03	Diabetes mellitus without mention of complication, type I [juvenile type], uncontrolled	ICD-09-CM	Diagnosis
250.1	Diabetes with ketoacidosis	ICD-09-CM	Diagnosis
250.10	Diabetes with ketoacidosis, type II or unspecified type, not stated as uncontrolled	ICD-09-CM	Diagnosis
250.11	Diabetes with ketoacidosis, type I [juvenile type], not stated as uncontrolled	ICD-09-CM	Diagnosis
250.12	Diabetes with ketoacidosis, type II or unspecified type, uncontrolled	ICD-09-CM	Diagnosis
250.13	Diabetes with ketoacidosis, type I [juvenile type], uncontrolled	ICD-09-CM	Diagnosis

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Code	Description	Code Type	Code Category
250.2	Diabetes with hyperosmolarity	ICD-09-CM	Diagnosis
250.20	Diabetes with hyperosmolarity, type II or unspecified type, not stated as uncontrolled	ICD-09-CM	Diagnosis
250.21	Diabetes with hyperosmolarity, type I [juvenile type], not stated as uncontrolled	ICD-09-CM	Diagnosis
250.22	Diabetes with hyperosmolarity, type II or unspecified type, uncontrolled	ICD-09-CM	Diagnosis
250.23	Diabetes with hyperosmolarity, type I [juvenile type], uncontrolled	ICD-09-CM	Diagnosis
250.3	Diabetes with other coma	ICD-09-CM	Diagnosis
250.30	Diabetes with other coma, type II or unspecified type, not stated as uncontrolled	ICD-09-CM	Diagnosis
250.31	Diabetes with other coma, type I [juvenile type], not stated as uncontrolled	ICD-09-CM	Diagnosis
250.32	Diabetes with other coma, type II or unspecified type, uncontrolled	ICD-09-CM	Diagnosis
250.33	Diabetes with other coma, type I [juvenile type], uncontrolled	ICD-09-CM	Diagnosis
250.4	Diabetes with renal manifestations	ICD-09-CM	Diagnosis
250.40	Diabetes with renal manifestations, type II or unspecified type, not stated as uncontrolled	ICD-09-CM	Diagnosis
250.41	Diabetes with renal manifestations, type I [juvenile type], not stated as uncontrolled	ICD-09-CM	Diagnosis
250.42	Diabetes with renal manifestations, type II or unspecified type, uncontrolled	ICD-09-CM	Diagnosis
250.43	Diabetes with renal manifestations, type I [juvenile type], uncontrolled	ICD-09-CM	Diagnosis
250.5	Diabetes with ophthalmic manifestations	ICD-09-CM	Diagnosis
250.50	Diabetes with ophthalmic manifestations, type II or unspecified type, not stated as uncontrolled	ICD-09-CM	Diagnosis
250.51	Diabetes with ophthalmic manifestations, type I [juvenile type], not stated as uncontrolled	ICD-09-CM	Diagnosis
250.52	Diabetes with ophthalmic manifestations, type II or unspecified type, uncontrolled	ICD-09-CM	Diagnosis
250.53	Diabetes with ophthalmic manifestations, type I [juvenile type], uncontrolled	ICD-09-CM	Diagnosis
250.6	Diabetes with neurological manifestations	ICD-09-CM	Diagnosis
250.60	Diabetes with neurological manifestations, type II or unspecified type, not stated as uncontrolled	ICD-09-CM	Diagnosis
250.61	Diabetes with neurological manifestations, type I [juvenile type], not stated as uncontrolled	ICD-09-CM	Diagnosis
250.62	Diabetes with neurological manifestations, type II or unspecified type, uncontrolled	ICD-09-CM	Diagnosis
250.63	Diabetes with neurological manifestations, type I [juvenile type], uncontrolled	ICD-09-CM	Diagnosis
250.7	Diabetes with peripheral circulatory disorders	ICD-09-CM	Diagnosis
250.70	Diabetes with peripheral circulatory disorders, type II or unspecified type, not stated as uncontrolled	ICD-09-CM	Diagnosis
250.71	Diabetes with peripheral circulatory disorders, type I [juvenile type], not stated as uncontrolled	ICD-09-CM	Diagnosis
250.72	Diabetes with peripheral circulatory disorders, type II or unspecified type, uncontrolled	ICD-09-CM	Diagnosis
250.73	Diabetes with peripheral circulatory disorders, type I [juvenile type], uncontrolled	ICD-09-CM	Diagnosis
250.8	Diabetes with other specified manifestations	ICD-09-CM	Diagnosis
250.80	Diabetes with other specified manifestations, type II or unspecified type, not stated as uncontrolled	ICD-09-CM	Diagnosis
250.81	Diabetes with other specified manifestations, type I [juvenile type], not stated as uncontrolled	ICD-09-CM	Diagnosis
250.82	Diabetes with other specified manifestations, type II or unspecified type, uncontrolled	ICD-09-CM	Diagnosis
250.83	Diabetes with other specified manifestations, type I [juvenile type], uncontrolled	ICD-09-CM	Diagnosis
250.9	Diabetes with unspecified complication	ICD-09-CM	Diagnosis
250.90	Diabetes with unspecified complication, type II or unspecified type, not stated as uncontrolled	ICD-09-CM	Diagnosis
250.91	Diabetes with unspecified complication, type I [juvenile type], not stated as uncontrolled	ICD-09-CM	Diagnosis
250.92	Diabetes with unspecified complication, type II or unspecified type, uncontrolled	ICD-09-CM	Diagnosis
250.93	Diabetes with unspecified complication, type I [juvenile type], uncontrolled	ICD-09-CM	Diagnosis
357.2	Polyneuropathy in diabetes	ICD-09-CM	Diagnosis
648.0	Maternal diabetes mellitus complicating pregnancy, childbirth, or the puerperium	ICD-09-CM	Diagnosis

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Code	Description	Code Type	Code Category
648.00	Maternal diabetes mellitus, complicating pregnancy, childbirth, or the puerperium, unsp	ICD-09-CM	Diagnosis
648.01	Maternal diabetes mellitus with delivery	ICD-09-CM	Diagnosis
648.02	Maternal diabetes mellitus with delivery, with current postpartum complication	ICD-09-CM	Diagnosis
648.03	Maternal diabetes mellitus, antepartum	ICD-09-CM	Diagnosis
648.04	Maternal diabetes mellitus, complicating pregnancy, childbirth, or the puerperium, postp	ICD-09-CM	Diagnosis
775.1	Neonatal diabetes mellitus	ICD-09-CM	Diagnosis
E08.00	Diabetes mellitus due to underlying condition with hyperosmolarity without nonketotic h	ICD-10-CM	Diagnosis
E08.01	Diabetes mellitus due to underlying condition with hyperosmolarity with coma	ICD-10-CM	Diagnosis
E08.10	Diabetes mellitus due to underlying condition with ketoacidosis without coma	ICD-10-CM	Diagnosis
E08.11	Diabetes mellitus due to underlying condition with ketoacidosis with coma	ICD-10-CM	Diagnosis
E08.21	Diabetes mellitus due to underlying condition with diabetic nephropathy	ICD-10-CM	Diagnosis
E08.22	Diabetes mellitus due to underlying condition with diabetic chronic kidney disease	ICD-10-CM	Diagnosis
E08.29	Diabetes mellitus due to underlying condition with other diabetic kidney complication	ICD-10-CM	Diagnosis
E08.311	Diabetes mellitus due to underlying condition with unspecified diabetic retinopathy with	ICD-10-CM	Diagnosis
E08.319	Diabetes mellitus due to underlying condition with unspecified diabetic retinopathy with	ICD-10-CM	Diagnosis
E08.3211	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinop	ICD-10-CM	Diagnosis
E08.3212	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinop	ICD-10-CM	Diagnosis
E08.3213	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinop	ICD-10-CM	Diagnosis
E08.3219	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinop	ICD-10-CM	Diagnosis
E08.3291	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinop	ICD-10-CM	Diagnosis
E08.3292	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinop	ICD-10-CM	Diagnosis
E08.3293	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinop	ICD-10-CM	Diagnosis
E08.3299	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinop	ICD-10-CM	Diagnosis
E08.3311	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic re	ICD-10-CM	Diagnosis
E08.3312	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic re	ICD-10-CM	Diagnosis
E08.3313	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic re	ICD-10-CM	Diagnosis
E08.3319	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic re	ICD-10-CM	Diagnosis
E08.3391	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic re	ICD-10-CM	Diagnosis
E08.3392	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic re	ICD-10-CM	Diagnosis
E08.3393	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic re	ICD-10-CM	Diagnosis
E08.3399	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic re	ICD-10-CM	Diagnosis
E08.3411	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retin	ICD-10-CM	Diagnosis
E08.3412	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retin	ICD-10-CM	Diagnosis
E08.3413	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retin	ICD-10-CM	Diagnosis
E08.3419	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retin	ICD-10-CM	Diagnosis
E08.3491	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retin	ICD-10-CM	Diagnosis
E08.3492	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retin	ICD-10-CM	Diagnosis
E08.3493	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retin	ICD-10-CM	Diagnosis
E08.3499	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retin	ICD-10-CM	Diagnosis
E08.3511	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy wit	ICD-10-CM	Diagnosis
E08.3512	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy wit	ICD-10-CM	Diagnosis
E08.3513	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy wit	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
E08.3519	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with	ICD-10-CM	Diagnosis
E08.3521	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with	ICD-10-CM	Diagnosis
E08.3522	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with	ICD-10-CM	Diagnosis
E08.3523	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with	ICD-10-CM	Diagnosis
E08.3529	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with	ICD-10-CM	Diagnosis
E08.3531	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with	ICD-10-CM	Diagnosis
E08.3532	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with	ICD-10-CM	Diagnosis
E08.3533	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with	ICD-10-CM	Diagnosis
E08.3539	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with	ICD-10-CM	Diagnosis
E08.3541	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with	ICD-10-CM	Diagnosis
E08.3542	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with	ICD-10-CM	Diagnosis
E08.3543	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with	ICD-10-CM	Diagnosis
E08.3549	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with	ICD-10-CM	Diagnosis
E08.3551	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopat	ICD-10-CM	Diagnosis
E08.3552	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopat	ICD-10-CM	Diagnosis
E08.3553	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopat	ICD-10-CM	Diagnosis
E08.3559	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopat	ICD-10-CM	Diagnosis
E08.3591	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with	ICD-10-CM	Diagnosis
E08.3592	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with	ICD-10-CM	Diagnosis
E08.3593	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with	ICD-10-CM	Diagnosis
E08.3599	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with	ICD-10-CM	Diagnosis
E08.36	Diabetes mellitus due to underlying condition with diabetic cataract	ICD-10-CM	Diagnosis
E08.37X1	Diabetes mellitus due to underlying condition with diabetic macular edema, resolved foll	ICD-10-CM	Diagnosis
E08.37X2	Diabetes mellitus due to underlying condition with diabetic macular edema, resolved foll	ICD-10-CM	Diagnosis
E08.37X3	Diabetes mellitus due to underlying condition with diabetic macular edema, resolved foll	ICD-10-CM	Diagnosis
E08.37X9	Diabetes mellitus due to underlying condition with diabetic macular edema, resolved foll	ICD-10-CM	Diagnosis
E08.39	Diabetes mellitus due to underlying condition with other diabetic ophthalmic complicati	ICD-10-CM	Diagnosis
E08.40	Diabetes mellitus due to underlying condition with diabetic neuropathy, unspecified	ICD-10-CM	Diagnosis
E08.41	Diabetes mellitus due to underlying condition with diabetic mononeuropathy	ICD-10-CM	Diagnosis
E08.42	Diabetes mellitus due to underlying condition with diabetic polyneuropathy	ICD-10-CM	Diagnosis
E08.43	Diabetes mellitus due to underlying condition with diabetic autonomic (poly)neuropathy	ICD-10-CM	Diagnosis
E08.44	Diabetes mellitus due to underlying condition with diabetic amyotrophy	ICD-10-CM	Diagnosis
E08.49	Diabetes mellitus due to underlying condition with other diabetic neurological complicat	ICD-10-CM	Diagnosis
E08.51	Diabetes mellitus due to underlying condition with diabetic peripheral angiopathy witho	ICD-10-CM	Diagnosis
E08.52	Diabetes mellitus due to underlying condition with diabetic peripheral angiopathy with g	ICD-10-CM	Diagnosis
E08.59	Diabetes mellitus due to underlying condition with other circulatory complications	ICD-10-CM	Diagnosis
E08.610	Diabetes mellitus due to underlying condition with diabetic neuropathic arthropathy	ICD-10-CM	Diagnosis
E08.618	Diabetes mellitus due to underlying condition with other diabetic arthropathy	ICD-10-CM	Diagnosis
E08.620	Diabetes mellitus due to underlying condition with diabetic dermatitis	ICD-10-CM	Diagnosis
E08.621	Diabetes mellitus due to underlying condition with foot ulcer	ICD-10-CM	Diagnosis
E08.622	Diabetes mellitus due to underlying condition with other skin ulcer	ICD-10-CM	Diagnosis
E08.628	Diabetes mellitus due to underlying condition with other skin complications	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
E08.630	Diabetes mellitus due to underlying condition with periodontal disease	ICD-10-CM	Diagnosis
E08.638	Diabetes mellitus due to underlying condition with other oral complications	ICD-10-CM	Diagnosis
E08.641	Diabetes mellitus due to underlying condition with hypoglycemia with coma	ICD-10-CM	Diagnosis
E08.649	Diabetes mellitus due to underlying condition with hypoglycemia without coma	ICD-10-CM	Diagnosis
E08.65	Diabetes mellitus due to underlying condition with hyperglycemia	ICD-10-CM	Diagnosis
E08.69	Diabetes mellitus due to underlying condition with other specified complication	ICD-10-CM	Diagnosis
E08.8	Diabetes mellitus due to underlying condition with unspecified complications	ICD-10-CM	Diagnosis
E08.9	Diabetes mellitus due to underlying condition without complications	ICD-10-CM	Diagnosis
E10.10	Type 1 diabetes mellitus with ketoacidosis without coma	ICD-10-CM	Diagnosis
E10.11	Type 1 diabetes mellitus with ketoacidosis with coma	ICD-10-CM	Diagnosis
E10.21	Type 1 diabetes mellitus with diabetic nephropathy	ICD-10-CM	Diagnosis
E10.22	Type 1 diabetes mellitus with diabetic chronic kidney disease	ICD-10-CM	Diagnosis
E10.29	Type 1 diabetes mellitus with other diabetic kidney complication	ICD-10-CM	Diagnosis
E10.311	Type 1 diabetes mellitus with unspecified diabetic retinopathy with macular edema	ICD-10-CM	Diagnosis
E10.319	Type 1 diabetes mellitus with unspecified diabetic retinopathy without macular edema	ICD-10-CM	Diagnosis
E10.3211	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular ed	ICD-10-CM	Diagnosis
E10.3212	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular ed	ICD-10-CM	Diagnosis
E10.3213	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular ed	ICD-10-CM	Diagnosis
E10.3219	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular ed	ICD-10-CM	Diagnosis
E10.3291	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular	ICD-10-CM	Diagnosis
E10.3292	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular	ICD-10-CM	Diagnosis
E10.3293	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular	ICD-10-CM	Diagnosis
E10.3299	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular	ICD-10-CM	Diagnosis
E10.3311	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macul	ICD-10-CM	Diagnosis
E10.3312	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macul	ICD-10-CM	Diagnosis
E10.3313	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macul	ICD-10-CM	Diagnosis
E10.3319	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macul	ICD-10-CM	Diagnosis
E10.3391	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without m	ICD-10-CM	Diagnosis
E10.3392	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without m	ICD-10-CM	Diagnosis
E10.3393	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without m	ICD-10-CM	Diagnosis
E10.3399	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without m	ICD-10-CM	Diagnosis
E10.3411	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular e	ICD-10-CM	Diagnosis
E10.3412	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular e	ICD-10-CM	Diagnosis
E10.3413	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular e	ICD-10-CM	Diagnosis
E10.3419	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular e	ICD-10-CM	Diagnosis
E10.3491	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macu	ICD-10-CM	Diagnosis
E10.3492	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macu	ICD-10-CM	Diagnosis
E10.3493	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macu	ICD-10-CM	Diagnosis
E10.3499	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macu	ICD-10-CM	Diagnosis
E10.3511	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, rig	ICD-10-CM	Diagnosis
E10.3512	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, left	ICD-10-CM	Diagnosis
E10.3513	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, bila	ICD-10-CM	Diagnosis

Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedural Classification System (ICD-10-PCS), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Type	Code Category
E10.3519	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, uns	ICD-10-CM	Diagnosis
E10.3521	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal deta	ICD-10-CM	Diagnosis
E10.3522	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal deta	ICD-10-CM	Diagnosis
E10.3523	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal deta	ICD-10-CM	Diagnosis
E10.3529	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal deta	ICD-10-CM	Diagnosis
E10.3531	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal deta	ICD-10-CM	Diagnosis
E10.3532	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal deta	ICD-10-CM	Diagnosis
E10.3533	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal deta	ICD-10-CM	Diagnosis
E10.3539	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal deta	ICD-10-CM	Diagnosis
E10.3541	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction r	ICD-10-CM	Diagnosis
E10.3542	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction r	ICD-10-CM	Diagnosis
E10.3543	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction r	ICD-10-CM	Diagnosis
E10.3549	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction r	ICD-10-CM	Diagnosis
E10.3551	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, right eye	ICD-10-CM	Diagnosis
E10.3552	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, left eye	ICD-10-CM	Diagnosis
E10.3553	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, bilateral	ICD-10-CM	Diagnosis
E10.3559	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye	ICD-10-CM	Diagnosis
E10.3591	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema,	ICD-10-CM	Diagnosis
E10.3592	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema,	ICD-10-CM	Diagnosis
E10.3593	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema,	ICD-10-CM	Diagnosis
E10.3599	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema,	ICD-10-CM	Diagnosis
E10.36	Type 1 diabetes mellitus with diabetic cataract	ICD-10-CM	Diagnosis
E10.37X1	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, rig	ICD-10-CM	Diagnosis
E10.37X2	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, left	ICD-10-CM	Diagnosis
E10.37X3	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, bila	ICD-10-CM	Diagnosis
E10.37X9	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, uns	ICD-10-CM	Diagnosis
E10.39	Type 1 diabetes mellitus with other diabetic ophthalmic complication	ICD-10-CM	Diagnosis
E10.40	Type 1 diabetes mellitus with diabetic neuropathy, unspecified	ICD-10-CM	Diagnosis
E10.41	Type 1 diabetes mellitus with diabetic mononeuropathy	ICD-10-CM	Diagnosis
E10.42	Type 1 diabetes mellitus with diabetic polyneuropathy	ICD-10-CM	Diagnosis
E10.43	Type 1 diabetes mellitus with diabetic autonomic (poly)neuropathy	ICD-10-CM	Diagnosis
E10.44	Type 1 diabetes mellitus with diabetic amyotrophy	ICD-10-CM	Diagnosis
E10.49	Type 1 diabetes mellitus with other diabetic neurological complication	ICD-10-CM	Diagnosis
E10.51	Type 1 diabetes mellitus with diabetic peripheral angiopathy without gangrene	ICD-10-CM	Diagnosis
E10.52	Type 1 diabetes mellitus with diabetic peripheral angiopathy with gangrene	ICD-10-CM	Diagnosis
E10.59	Type 1 diabetes mellitus with other circulatory complications	ICD-10-CM	Diagnosis
E10.610	Type 1 diabetes mellitus with diabetic neuropathic arthropathy	ICD-10-CM	Diagnosis
E10.618	Type 1 diabetes mellitus with other diabetic arthropathy	ICD-10-CM	Diagnosis
E10.620	Type 1 diabetes mellitus with diabetic dermatitis	ICD-10-CM	Diagnosis
E10.621	Type 1 diabetes mellitus with foot ulcer	ICD-10-CM	Diagnosis
E10.622	Type 1 diabetes mellitus with other skin ulcer	ICD-10-CM	Diagnosis
E10.628	Type 1 diabetes mellitus with other skin complications	ICD-10-CM	Diagnosis

Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedural Classification System (ICD-10-PCS), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Type	Code Category
E10.630	Type 1 diabetes mellitus with periodontal disease	ICD-10-CM	Diagnosis
E10.638	Type 1 diabetes mellitus with other oral complications	ICD-10-CM	Diagnosis
E10.641	Type 1 diabetes mellitus with hypoglycemia with coma	ICD-10-CM	Diagnosis
E10.649	Type 1 diabetes mellitus with hypoglycemia without coma	ICD-10-CM	Diagnosis
E10.65	Type 1 diabetes mellitus with hyperglycemia	ICD-10-CM	Diagnosis
E10.69	Type 1 diabetes mellitus with other specified complication	ICD-10-CM	Diagnosis
E10.8	Type 1 diabetes mellitus with unspecified complications	ICD-10-CM	Diagnosis
E10.9	Type 1 diabetes mellitus without complications	ICD-10-CM	Diagnosis
E11.00	Type 2 diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hypero	ICD-10-CM	Diagnosis
E11.01	Type 2 diabetes mellitus with hyperosmolarity with coma	ICD-10-CM	Diagnosis
E11.10	Type 2 diabetes mellitus with ketoacidosis without coma	ICD-10-CM	Diagnosis
E11.11	Type 2 diabetes mellitus with ketoacidosis with coma	ICD-10-CM	Diagnosis
E11.21	Type 2 diabetes mellitus with diabetic nephropathy	ICD-10-CM	Diagnosis
E11.22	Type 2 diabetes mellitus with diabetic chronic kidney disease	ICD-10-CM	Diagnosis
E11.29	Type 2 diabetes mellitus with other diabetic kidney complication	ICD-10-CM	Diagnosis
E11.311	Type 2 diabetes mellitus with unspecified diabetic retinopathy with macular edema	ICD-10-CM	Diagnosis
E11.319	Type 2 diabetes mellitus with unspecified diabetic retinopathy without macular edema	ICD-10-CM	Diagnosis
E11.3211	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular ed	ICD-10-CM	Diagnosis
E11.3212	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular ed	ICD-10-CM	Diagnosis
E11.3213	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular ed	ICD-10-CM	Diagnosis
E11.3219	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular ed	ICD-10-CM	Diagnosis
E11.3291	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular	ICD-10-CM	Diagnosis
E11.3292	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular	ICD-10-CM	Diagnosis
E11.3293	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular	ICD-10-CM	Diagnosis
E11.3299	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular	ICD-10-CM	Diagnosis
E11.3311	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macul	ICD-10-CM	Diagnosis
E11.3312	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macul	ICD-10-CM	Diagnosis
E11.3313	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macul	ICD-10-CM	Diagnosis
E11.3319	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macul	ICD-10-CM	Diagnosis
E11.3391	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without m	ICD-10-CM	Diagnosis
E11.3392	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without m	ICD-10-CM	Diagnosis
E11.3393	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without m	ICD-10-CM	Diagnosis
E11.3399	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without m	ICD-10-CM	Diagnosis
E11.3411	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular e	ICD-10-CM	Diagnosis
E11.3412	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular e	ICD-10-CM	Diagnosis
E11.3413	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular e	ICD-10-CM	Diagnosis
E11.3419	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular e	ICD-10-CM	Diagnosis
E11.3491	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macu	ICD-10-CM	Diagnosis
E11.3492	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macu	ICD-10-CM	Diagnosis
E11.3493	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macu	ICD-10-CM	Diagnosis
E11.3499	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macu	ICD-10-CM	Diagnosis
E11.3511	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, rig	ICD-10-CM	Diagnosis

Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedural Classification System (ICD-10-PCS), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Type	Code Category
E11.3512	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, left	ICD-10-CM	Diagnosis
E11.3513	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, bila	ICD-10-CM	Diagnosis
E11.3519	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, uns	ICD-10-CM	Diagnosis
E11.3521	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal deta	ICD-10-CM	Diagnosis
E11.3522	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal deta	ICD-10-CM	Diagnosis
E11.3523	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal deta	ICD-10-CM	Diagnosis
E11.3529	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal deta	ICD-10-CM	Diagnosis
E11.3531	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal deta	ICD-10-CM	Diagnosis
E11.3532	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal deta	ICD-10-CM	Diagnosis
E11.3533	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal deta	ICD-10-CM	Diagnosis
E11.3539	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal deta	ICD-10-CM	Diagnosis
E11.3541	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction r	ICD-10-CM	Diagnosis
E11.3542	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction r	ICD-10-CM	Diagnosis
E11.3543	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction r	ICD-10-CM	Diagnosis
E11.3549	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction r	ICD-10-CM	Diagnosis
E11.3551	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, right eye	ICD-10-CM	Diagnosis
E11.3552	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, left eye	ICD-10-CM	Diagnosis
E11.3553	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, bilateral	ICD-10-CM	Diagnosis
E11.3559	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye	ICD-10-CM	Diagnosis
E11.3591	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema,	ICD-10-CM	Diagnosis
E11.3592	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema,	ICD-10-CM	Diagnosis
E11.3593	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema,	ICD-10-CM	Diagnosis
E11.3599	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema,	ICD-10-CM	Diagnosis
E11.36	Type 2 diabetes mellitus with diabetic cataract	ICD-10-CM	Diagnosis
E11.37X1	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, rig	ICD-10-CM	Diagnosis
E11.37X2	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, left	ICD-10-CM	Diagnosis
E11.37X3	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, bila	ICD-10-CM	Diagnosis
E11.37X9	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, uns	ICD-10-CM	Diagnosis
E11.39	Type 2 diabetes mellitus with other diabetic ophthalmic complication	ICD-10-CM	Diagnosis
E11.40	Type 2 diabetes mellitus with diabetic neuropathy, unspecified	ICD-10-CM	Diagnosis
E11.41	Type 2 diabetes mellitus with diabetic mononeuropathy	ICD-10-CM	Diagnosis
E11.42	Type 2 diabetes mellitus with diabetic polyneuropathy	ICD-10-CM	Diagnosis
E11.43	Type 2 diabetes mellitus with diabetic autonomic (poly)neuropathy	ICD-10-CM	Diagnosis
E11.44	Type 2 diabetes mellitus with diabetic amyotrophy	ICD-10-CM	Diagnosis
E11.49	Type 2 diabetes mellitus with other diabetic neurological complication	ICD-10-CM	Diagnosis
E11.51	Type 2 diabetes mellitus with diabetic peripheral angiopathy without gangrene	ICD-10-CM	Diagnosis
E11.52	Type 2 diabetes mellitus with diabetic peripheral angiopathy with gangrene	ICD-10-CM	Diagnosis
E11.59	Type 2 diabetes mellitus with other circulatory complications	ICD-10-CM	Diagnosis
E11.610	Type 2 diabetes mellitus with diabetic neuropathic arthropathy	ICD-10-CM	Diagnosis
E11.618	Type 2 diabetes mellitus with other diabetic arthropathy	ICD-10-CM	Diagnosis
E11.620	Type 2 diabetes mellitus with diabetic dermatitis	ICD-10-CM	Diagnosis
E11.621	Type 2 diabetes mellitus with foot ulcer	ICD-10-CM	Diagnosis

Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedural Classification System (ICD-10-PCS), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Type	Code Category
E11.622	Type 2 diabetes mellitus with other skin ulcer	ICD-10-CM	Diagnosis
E11.628	Type 2 diabetes mellitus with other skin complications	ICD-10-CM	Diagnosis
E11.630	Type 2 diabetes mellitus with periodontal disease	ICD-10-CM	Diagnosis
E11.638	Type 2 diabetes mellitus with other oral complications	ICD-10-CM	Diagnosis
E11.641	Type 2 diabetes mellitus with hypoglycemia with coma	ICD-10-CM	Diagnosis
E11.649	Type 2 diabetes mellitus with hypoglycemia without coma	ICD-10-CM	Diagnosis
E11.65	Type 2 diabetes mellitus with hyperglycemia	ICD-10-CM	Diagnosis
E11.69	Type 2 diabetes mellitus with other specified complication	ICD-10-CM	Diagnosis
E11.8	Type 2 diabetes mellitus with unspecified complications	ICD-10-CM	Diagnosis
E11.9	Type 2 diabetes mellitus without complications	ICD-10-CM	Diagnosis
E13.00	Other specified diabetes mellitus with hyperosmolarity without nonketotic hyperglycemi	ICD-10-CM	Diagnosis
E13.01	Other specified diabetes mellitus with hyperosmolarity with coma	ICD-10-CM	Diagnosis
E13.10	Other specified diabetes mellitus with ketoacidosis without coma	ICD-10-CM	Diagnosis
E13.11	Other specified diabetes mellitus with ketoacidosis with coma	ICD-10-CM	Diagnosis
E13.21	Other specified diabetes mellitus with diabetic nephropathy	ICD-10-CM	Diagnosis
E13.22	Other specified diabetes mellitus with diabetic chronic kidney disease	ICD-10-CM	Diagnosis
E13.29	Other specified diabetes mellitus with other diabetic kidney complication	ICD-10-CM	Diagnosis
E13.311	Other specified diabetes mellitus with unspecified diabetic retinopathy with macular ede	ICD-10-CM	Diagnosis
E13.319	Other specified diabetes mellitus with unspecified diabetic retinopathy without macular	ICD-10-CM	Diagnosis
E13.3211	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with ma	ICD-10-CM	Diagnosis
E13.3212	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with ma	ICD-10-CM	Diagnosis
E13.3213	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with ma	ICD-10-CM	Diagnosis
E13.3219	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with ma	ICD-10-CM	Diagnosis
E13.3291	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without	ICD-10-CM	Diagnosis
E13.3292	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without	ICD-10-CM	Diagnosis
E13.3293	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without	ICD-10-CM	Diagnosis
E13.3299	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without	ICD-10-CM	Diagnosis
E13.3311	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy wi	ICD-10-CM	Diagnosis
E13.3312	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy wi	ICD-10-CM	Diagnosis
E13.3313	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy wi	ICD-10-CM	Diagnosis
E13.3319	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy wi	ICD-10-CM	Diagnosis
E13.3391	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy wi	ICD-10-CM	Diagnosis
E13.3392	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy wi	ICD-10-CM	Diagnosis
E13.3393	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy wi	ICD-10-CM	Diagnosis
E13.3399	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy wi	ICD-10-CM	Diagnosis
E13.3411	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with	ICD-10-CM	Diagnosis
E13.3412	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with	ICD-10-CM	Diagnosis
E13.3413	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with	ICD-10-CM	Diagnosis
E13.3419	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with	ICD-10-CM	Diagnosis
E13.3491	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy withc	ICD-10-CM	Diagnosis
E13.3492	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy withc	ICD-10-CM	Diagnosis
E13.3493	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy withc	ICD-10-CM	Diagnosis

Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedural Classification System (ICD-10-PCS), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Type	Code Category
E13.3499	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with	ICD-10-CM	Diagnosis
E13.3511	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular ed	ICD-10-CM	Diagnosis
E13.3512	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular ed	ICD-10-CM	Diagnosis
E13.3513	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular ed	ICD-10-CM	Diagnosis
E13.3519	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular ed	ICD-10-CM	Diagnosis
E13.3521	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction ret	ICD-10-CM	Diagnosis
E13.3522	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction ret	ICD-10-CM	Diagnosis
E13.3523	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction ret	ICD-10-CM	Diagnosis
E13.3529	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction ret	ICD-10-CM	Diagnosis
E13.3531	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction ret	ICD-10-CM	Diagnosis
E13.3532	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction ret	ICD-10-CM	Diagnosis
E13.3533	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction ret	ICD-10-CM	Diagnosis
E13.3539	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction ret	ICD-10-CM	Diagnosis
E13.3541	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined t	ICD-10-CM	Diagnosis
E13.3542	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined t	ICD-10-CM	Diagnosis
E13.3543	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined t	ICD-10-CM	Diagnosis
E13.3549	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined t	ICD-10-CM	Diagnosis
E13.3551	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, right eye	ICD-10-CM	Diagnosis
E13.3552	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, left eye	ICD-10-CM	Diagnosis
E13.3553	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, bilateral	ICD-10-CM	Diagnosis
E13.3559	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, unspecifi	ICD-10-CM	Diagnosis
E13.3591	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular	ICD-10-CM	Diagnosis
E13.3592	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular	ICD-10-CM	Diagnosis
E13.3593	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular	ICD-10-CM	Diagnosis
E13.3599	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular	ICD-10-CM	Diagnosis
E13.36	Other specified diabetes mellitus with diabetic cataract	ICD-10-CM	Diagnosis
E13.37X1	Other specified diabetes mellitus with diabetic macular edema, resolved following treatn	ICD-10-CM	Diagnosis
E13.37X2	Other specified diabetes mellitus with diabetic macular edema, resolved following treatn	ICD-10-CM	Diagnosis
E13.37X3	Other specified diabetes mellitus with diabetic macular edema, resolved following treatn	ICD-10-CM	Diagnosis
E13.37X9	Other specified diabetes mellitus with diabetic macular edema, resolved following treatn	ICD-10-CM	Diagnosis
E13.39	Other specified diabetes mellitus with other diabetic ophthalmic complication	ICD-10-CM	Diagnosis
E13.40	Other specified diabetes mellitus with diabetic neuropathy, unspecified	ICD-10-CM	Diagnosis
E13.41	Other specified diabetes mellitus with diabetic mononeuropathy	ICD-10-CM	Diagnosis
E13.42	Other specified diabetes mellitus with diabetic polyneuropathy	ICD-10-CM	Diagnosis
E13.43	Other specified diabetes mellitus with diabetic autonomic (poly)neuropathy	ICD-10-CM	Diagnosis
E13.44	Other specified diabetes mellitus with diabetic amyotrophy	ICD-10-CM	Diagnosis
E13.49	Other specified diabetes mellitus with other diabetic neurological complication	ICD-10-CM	Diagnosis
E13.51	Other specified diabetes mellitus with diabetic peripheral angiopathy without gangrene	ICD-10-CM	Diagnosis
E13.52	Other specified diabetes mellitus with diabetic peripheral angiopathy with gangrene	ICD-10-CM	Diagnosis
E13.59	Other specified diabetes mellitus with other circulatory complications	ICD-10-CM	Diagnosis
E13.610	Other specified diabetes mellitus with diabetic neuropathic arthropathy	ICD-10-CM	Diagnosis
E13.618	Other specified diabetes mellitus with other diabetic arthropathy	ICD-10-CM	Diagnosis

Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedural Classification System (ICD-10-PCS), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Type	Code Category
E13.620	Other specified diabetes mellitus with diabetic dermatitis	ICD-10-CM	Diagnosis
E13.621	Other specified diabetes mellitus with foot ulcer	ICD-10-CM	Diagnosis
E13.622	Other specified diabetes mellitus with other skin ulcer	ICD-10-CM	Diagnosis
E13.628	Other specified diabetes mellitus with other skin complications	ICD-10-CM	Diagnosis
E13.630	Other specified diabetes mellitus with periodontal disease	ICD-10-CM	Diagnosis
E13.638	Other specified diabetes mellitus with other oral complications	ICD-10-CM	Diagnosis
E13.641	Other specified diabetes mellitus with hypoglycemia with coma	ICD-10-CM	Diagnosis
E13.649	Other specified diabetes mellitus with hypoglycemia without coma	ICD-10-CM	Diagnosis
E13.65	Other specified diabetes mellitus with hyperglycemia	ICD-10-CM	Diagnosis
E13.69	Other specified diabetes mellitus with other specified complication	ICD-10-CM	Diagnosis
E13.8	Other specified diabetes mellitus with unspecified complications	ICD-10-CM	Diagnosis
E13.9	Other specified diabetes mellitus without complications	ICD-10-CM	Diagnosis
O24.011	Pre-existing type 1 diabetes mellitus, in pregnancy, first trimester	ICD-10-CM	Diagnosis
O24.012	Pre-existing type 1 diabetes mellitus, in pregnancy, second trimester	ICD-10-CM	Diagnosis
O24.013	Pre-existing type 1 diabetes mellitus, in pregnancy, third trimester	ICD-10-CM	Diagnosis
O24.019	Pre-existing type 1 diabetes mellitus, in pregnancy, unspecified trimester	ICD-10-CM	Diagnosis
O24.02	Pre-existing type 1 diabetes mellitus, in childbirth	ICD-10-CM	Diagnosis
O24.03	Pre-existing type 1 diabetes mellitus, in the puerperium	ICD-10-CM	Diagnosis
O24.111	Pre-existing type 2 diabetes mellitus, in pregnancy, first trimester	ICD-10-CM	Diagnosis
O24.112	Pre-existing type 2 diabetes mellitus, in pregnancy, second trimester	ICD-10-CM	Diagnosis
O24.113	Pre-existing type 2 diabetes mellitus, in pregnancy, third trimester	ICD-10-CM	Diagnosis
O24.119	Pre-existing type 2 diabetes mellitus, in pregnancy, unspecified trimester	ICD-10-CM	Diagnosis
O24.12	Pre-existing type 2 diabetes mellitus, in childbirth	ICD-10-CM	Diagnosis
O24.13	Pre-existing type 2 diabetes mellitus, in the puerperium	ICD-10-CM	Diagnosis
O24.311	Unspecified pre-existing diabetes mellitus in pregnancy, first trimester	ICD-10-CM	Diagnosis
O24.312	Unspecified pre-existing diabetes mellitus in pregnancy, second trimester	ICD-10-CM	Diagnosis
O24.313	Unspecified pre-existing diabetes mellitus in pregnancy, third trimester	ICD-10-CM	Diagnosis
O24.319	Unspecified pre-existing diabetes mellitus in pregnancy, unspecified trimester	ICD-10-CM	Diagnosis
O24.32	Unspecified pre-existing diabetes mellitus in childbirth	ICD-10-CM	Diagnosis
O24.33	Unspecified pre-existing diabetes mellitus in the puerperium	ICD-10-CM	Diagnosis
O24.811	Other pre-existing diabetes mellitus in pregnancy, first trimester	ICD-10-CM	Diagnosis
O24.812	Other pre-existing diabetes mellitus in pregnancy, second trimester	ICD-10-CM	Diagnosis
O24.813	Other pre-existing diabetes mellitus in pregnancy, third trimester	ICD-10-CM	Diagnosis
O24.819	Other pre-existing diabetes mellitus in pregnancy, unspecified trimester	ICD-10-CM	Diagnosis
O24.82	Other pre-existing diabetes mellitus in childbirth	ICD-10-CM	Diagnosis
O24.83	Other pre-existing diabetes mellitus in the puerperium	ICD-10-CM	Diagnosis
O24.911	Unspecified diabetes mellitus in pregnancy, first trimester	ICD-10-CM	Diagnosis
O24.912	Unspecified diabetes mellitus in pregnancy, second trimester	ICD-10-CM	Diagnosis
O24.913	Unspecified diabetes mellitus in pregnancy, third trimester	ICD-10-CM	Diagnosis
O24.919	Unspecified diabetes mellitus in pregnancy, unspecified trimester	ICD-10-CM	Diagnosis
O24.92	Unspecified diabetes mellitus in childbirth	ICD-10-CM	Diagnosis
O24.93	Unspecified diabetes mellitus in the puerperium	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
P70.2	Neonatal diabetes mellitus	ICD-10-CM	Diagnosis
Epilepsy			
345	Epilepsy and recurrent seizures	ICD-09-CM	Diagnosis
345.0	Generalized nonconvulsive epilepsy	ICD-09-CM	Diagnosis
345.00	Generalized nonconvulsive epilepsy without mention of intractable epilepsy	ICD-09-CM	Diagnosis
345.01	Generalized nonconvulsive epilepsy with intractable epilepsy	ICD-09-CM	Diagnosis
345.1	Generalized convulsive epilepsy	ICD-09-CM	Diagnosis
345.10	Generalized convulsive epilepsy without mention of intractable epilepsy	ICD-09-CM	Diagnosis
345.11	Generalized convulsive epilepsy with intractable epilepsy	ICD-09-CM	Diagnosis
345.2	Epileptic petit mal status	ICD-09-CM	Diagnosis
345.3	Epileptic grand mal status	ICD-09-CM	Diagnosis
345.4	Localization-related (focal) (partial) epilepsy and epileptic syndromes with complex partial seizures	ICD-09-CM	Diagnosis
345.40	Localization-related (focal) (partial) epilepsy and epileptic syndromes with complex partial seizures, without mention of intractable epilepsy	ICD-09-CM	Diagnosis
345.41	Localization-related (focal) (partial) epilepsy and epileptic syndromes with complex partial seizures, with intractable epilepsy	ICD-09-CM	Diagnosis
345.5	Localization-related (focal) (partial) epilepsy and epileptic syndromes with simple partial seizures	ICD-09-CM	Diagnosis
345.50	Localization-related (focal) (partial) epilepsy and epileptic syndromes with simple partial seizures, without mention of intractable epilepsy	ICD-09-CM	Diagnosis
345.51	Localization-related (focal) (partial) epilepsy and epileptic syndromes with simple partial seizures, with intractable epilepsy	ICD-09-CM	Diagnosis
345.6	Infantile spasms	ICD-09-CM	Diagnosis
345.60	Infantile spasms without mention of intractable epilepsy	ICD-09-CM	Diagnosis
345.61	Infantile spasms with intractable epilepsy	ICD-09-CM	Diagnosis
345.7	Epilepsia partialis continua	ICD-09-CM	Diagnosis
345.70	Epilepsia partialis continua without mention of intractable epilepsy	ICD-09-CM	Diagnosis
345.71	Epilepsia partialis continua with intractable epilepsy	ICD-09-CM	Diagnosis
345.8	Other forms of epilepsy and recurrent seizures	ICD-09-CM	Diagnosis
345.80	Other forms of epilepsy and recurrent seizures, without mention of intractable epilepsy	ICD-09-CM	Diagnosis
345.81	Other forms of epilepsy and recurrent seizures, with intractable epilepsy	ICD-09-CM	Diagnosis
345.9	Unspecified epilepsy	ICD-09-CM	Diagnosis
345.90	Unspecified epilepsy without mention of intractable epilepsy	ICD-09-CM	Diagnosis
345.91	Unspecified epilepsy with intractable epilepsy	ICD-09-CM	Diagnosis
G40.001	Localization-related (focal) (partial) idiopathic epilepsy and epileptic syndromes with seizures of localized onset, not intractable, with status epilepticus	ICD-10-CM	Diagnosis
G40.009	Localization-related (focal) (partial) idiopathic epilepsy and epileptic syndromes with seizures of localized onset, not intractable, without status epilepticus	ICD-10-CM	Diagnosis
G40.011	Localization-related (focal) (partial) idiopathic epilepsy and epileptic syndromes with seizures of localized onset, intractable, with status epilepticus	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
G40.019	Localization-related (focal) (partial) idiopathic epilepsy and epileptic syndromes with seizures of localized onset, intractable, without status epilepticus	ICD-10-CM	Diagnosis
G40.101	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, not intractable, with status epilepticus	ICD-10-CM	Diagnosis
G40.109	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, not intractable, without status epilepticus	ICD-10-CM	Diagnosis
G40.111	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, intractable, with status epilepticus	ICD-10-CM	Diagnosis
G40.119	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, intractable, without status epilepticus	ICD-10-CM	Diagnosis
G40.201	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with complex partial seizures, not intractable, with status epilepticus	ICD-10-CM	Diagnosis
G40.209	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with complex partial seizures, not intractable, without status epilepticus	ICD-10-CM	Diagnosis
G40.211	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with complex partial seizures, intractable, with status epilepticus	ICD-10-CM	Diagnosis
G40.219	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with complex partial seizures, intractable, without status epilepticus	ICD-10-CM	Diagnosis
G40.301	Generalized idiopathic epilepsy and epileptic syndromes, not intractable, with status epilepticus	ICD-10-CM	Diagnosis
G40.309	Generalized idiopathic epilepsy and epileptic syndromes, not intractable, without status epilepticus	ICD-10-CM	Diagnosis
G40.311	Generalized idiopathic epilepsy and epileptic syndromes, intractable, with status epilepticus	ICD-10-CM	Diagnosis
G40.319	Generalized idiopathic epilepsy and epileptic syndromes, intractable, without status epilepticus	ICD-10-CM	Diagnosis
G40.401	Other generalized epilepsy and epileptic syndromes, not intractable, with status epilepticus	ICD-10-CM	Diagnosis
G40.409	Other generalized epilepsy and epileptic syndromes, not intractable, without status epilepticus	ICD-10-CM	Diagnosis
G40.411	Other generalized epilepsy and epileptic syndromes, intractable, with status epilepticus	ICD-10-CM	Diagnosis
G40.419	Other generalized epilepsy and epileptic syndromes, intractable, without status epilepticus	ICD-10-CM	Diagnosis
G40.501	Epileptic seizures related to external causes, not intractable, with status epilepticus	ICD-10-CM	Diagnosis
G40.509	Epileptic seizures related to external causes, not intractable, without status epilepticus	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
G40.801	Other epilepsy, not intractable, with status epilepticus	ICD-10-CM	Diagnosis
G40.802	Other epilepsy, not intractable, without status epilepticus	ICD-10-CM	Diagnosis
G40.803	Other epilepsy, intractable, with status epilepticus	ICD-10-CM	Diagnosis
G40.804	Other epilepsy, intractable, without status epilepticus	ICD-10-CM	Diagnosis
G40.811	Lennox-Gastaut syndrome, not intractable, with status epilepticus	ICD-10-CM	Diagnosis
G40.812	Lennox-Gastaut syndrome, not intractable, without status epilepticus	ICD-10-CM	Diagnosis
G40.813	Lennox-Gastaut syndrome, intractable, with status epilepticus	ICD-10-CM	Diagnosis
G40.814	Lennox-Gastaut syndrome, intractable, without status epilepticus	ICD-10-CM	Diagnosis
G40.821	Epileptic spasms, not intractable, with status epilepticus	ICD-10-CM	Diagnosis
G40.822	Epileptic spasms, not intractable, without status epilepticus	ICD-10-CM	Diagnosis
G40.823	Epileptic spasms, intractable, with status epilepticus	ICD-10-CM	Diagnosis
G40.824	Epileptic spasms, intractable, without status epilepticus	ICD-10-CM	Diagnosis
G40.89	Other seizures	ICD-10-CM	Diagnosis
G40.901	Epilepsy, unspecified, not intractable, with status epilepticus	ICD-10-CM	Diagnosis
G40.909	Epilepsy, unspecified, not intractable, without status epilepticus	ICD-10-CM	Diagnosis
G40.911	Epilepsy, unspecified, intractable, with status epilepticus	ICD-10-CM	Diagnosis
G40.919	Epilepsy, unspecified, intractable, without status epilepticus	ICD-10-CM	Diagnosis
G40.A01	Absence epileptic syndrome, not intractable, with status epilepticus	ICD-10-CM	Diagnosis
G40.A09	Absence epileptic syndrome, not intractable, without status epilepticus	ICD-10-CM	Diagnosis
G40.A11	Absence epileptic syndrome, intractable, with status epilepticus	ICD-10-CM	Diagnosis
G40.A19	Absence epileptic syndrome, intractable, without status epilepticus	ICD-10-CM	Diagnosis
G40.B01	Juvenile myoclonic epilepsy, not intractable, with status epilepticus	ICD-10-CM	Diagnosis
G40.B09	Juvenile myoclonic epilepsy, not intractable, without status epilepticus	ICD-10-CM	Diagnosis
G40.B11	Juvenile myoclonic epilepsy, intractable, with status epilepticus	ICD-10-CM	Diagnosis
Gastroesophageal Reflux Disease			
530.81	Esophageal reflux	ICD-09-CM	Diagnosis
530.11	Reflux esophagitis	ICD-09-CM	Diagnosis
K21.9	Gastro-esophageal reflux disease without esophagitis	ICD-10-CM	Diagnosis
K21.00	Gastro-esophageal reflux dis with esophagitis, without bleed	ICD-10-CM	Diagnosis
K21.01	Gastro-esophageal reflux dis with esophagitis, with bleed	ICD-10-CM	Diagnosis
K21.0	Gastro-esophageal reflux disease with esophagitis	ICD-10-CM	Diagnosis
P78.83	Newborn esophageal reflux	ICD-10-CM	Diagnosis
Hypertension			
362.11	Hypertensive retinopathy	ICD-09-CM	Diagnosis
401.0	Essential hypertension, malignant	ICD-09-CM	Diagnosis
401	Essential hypertension	ICD-09-CM	Diagnosis
401.1	Essential hypertension, benign	ICD-09-CM	Diagnosis
401.9	Unspecified essential hypertension	ICD-09-CM	Diagnosis
402.00	Malignant hypertensive heart disease without heart failure	ICD-09-CM	Diagnosis
402	Hypertensive heart disease	ICD-09-CM	Diagnosis
402.0	Malignant hypertensive heart disease	ICD-09-CM	Diagnosis
402.01	Malignant hypertensive heart disease with heart failure	ICD-09-CM	Diagnosis

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Code	Description	Code Type	Code Category
402.10	Benign hypertensive heart disease without heart failure	ICD-09-CM	Diagnosis
402.1	Benign hypertensive heart disease	ICD-09-CM	Diagnosis
402.11	Benign hypertensive heart disease with heart failure	ICD-09-CM	Diagnosis
402.90	Unspecified hypertensive heart disease without heart failure	ICD-09-CM	Diagnosis
402.9	Unspecified hypertensive heart disease	ICD-09-CM	Diagnosis
402.91	Hypertensive heart disease, unspecified, with heart failure	ICD-09-CM	Diagnosis
403.00	Hypertensive chronic kidney disease, malignant, with chronic kidney disease stage I through stage IV, or unspecified	ICD-09-CM	Diagnosis
403	Hypertensive chronic kidney disease	ICD-09-CM	Diagnosis
403.0	Hypertensive chronic kidney disease, malignant	ICD-09-CM	Diagnosis
403.01	Hypertensive chronic kidney disease, malignant, with chronic kidney disease stage V or end stage renal disease	ICD-09-CM	Diagnosis
403.10	Hypertensive chronic kidney disease, benign, with chronic kidney disease stage I through stage IV, or unspecified	ICD-09-CM	Diagnosis
403.1	Hypertensive chronic kidney disease, benign	ICD-09-CM	Diagnosis
403.11	Hypertensive chronic kidney disease, benign, with chronic kidney disease stage V or end stage renal disease	ICD-09-CM	Diagnosis
403.90	Hypertensive chronic kidney disease, unspecified, with chronic kidney disease stage I through stage IV, or unspecified	ICD-09-CM	Diagnosis
403.9	Hypertensive chronic kidney disease, unspecified	ICD-09-CM	Diagnosis
403.91	Hypertensive chronic kidney disease, unspecified, with chronic kidney disease stage V or end stage renal disease	ICD-09-CM	Diagnosis
404.00	Hypertensive heart and chronic kidney disease, malignant, without heart failure and with chronic kidney disease stage I through stage IV, or unspecified	ICD-09-CM	Diagnosis
404	Hypertensive heart and chronic kidney disease	ICD-09-CM	Diagnosis
404.0	Hypertensive heart and chronic kidney disease, malignant	ICD-09-CM	Diagnosis
404.01	Hypertensive heart and chronic kidney disease, malignant, with heart failure and with chronic kidney disease stage I through stage IV, or unspecified	ICD-09-CM	Diagnosis
404.02	Hypertensive heart and chronic kidney disease, malignant, without heart failure and with chronic kidney disease stage V or end stage renal disease	ICD-09-CM	Diagnosis
404.03	Hypertensive heart and chronic kidney disease, malignant, with heart failure and with chronic kidney disease stage V or end stage renal disease	ICD-09-CM	Diagnosis
404.10	Hypertensive heart and chronic kidney disease, benign, without heart failure and with chronic kidney disease stage I through stage IV, or unspecified	ICD-09-CM	Diagnosis
404.1	Hypertensive heart and chronic kidney disease, benign	ICD-09-CM	Diagnosis
404.11	Hypertensive heart and chronic kidney disease, benign, with heart failure and with chronic kidney disease stage I through stage IV, or unspecified	ICD-09-CM	Diagnosis
404.12	Hypertensive heart and chronic kidney disease, benign, without heart failure and with chronic kidney disease stage V or end stage renal disease	ICD-09-CM	Diagnosis
404.13	Hypertensive heart and chronic kidney disease, benign, with heart failure and chronic kidney disease stage V or end stage renal disease	ICD-09-CM	Diagnosis

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Code	Description	Code Type	Code Category
404.90	Hypertensive heart and chronic kidney disease, unspecified, without heart failure and with chronic kidney disease stage I through stage IV, or unspecified	ICD-09-CM	Diagnosis
404.9	Hypertensive heart and chronic kidney disease, unspecified	ICD-09-CM	Diagnosis
404.91	Hypertensive heart and chronic kidney disease, unspecified, with heart failure and with chronic kidney disease stage I through stage IV, or unspecified	ICD-09-CM	Diagnosis
404.92	Hypertensive heart and chronic kidney disease, unspecified, without heart failure and with chronic kidney disease stage V or end stage renal disease	ICD-09-CM	Diagnosis
404.93	Hypertensive heart and chronic kidney disease, unspecified, with heart failure and chronic kidney disease stage V or end stage renal disease	ICD-09-CM	Diagnosis
405	Secondary hypertension	ICD-09-CM	Diagnosis
405.0	Secondary hypertension, malignant	ICD-09-CM	Diagnosis
405.01	Secondary renovascular hypertension, malignant	ICD-09-CM	Diagnosis
405.09	Other secondary hypertension, malignant	ICD-09-CM	Diagnosis
405.1	Secondary hypertension, benign	ICD-09-CM	Diagnosis
405.11	Secondary renovascular hypertension, benign	ICD-09-CM	Diagnosis
405.19	Other secondary hypertension, benign	ICD-09-CM	Diagnosis
405.9	Unspecified secondary hypertension, unspecified	ICD-09-CM	Diagnosis
405.91	Secondary renovascular hypertension, unspecified	ICD-09-CM	Diagnosis
405.99	Other secondary hypertension, unspecified	ICD-09-CM	Diagnosis
437.2	Hypertensive encephalopathy	ICD-09-CM	Diagnosis
997.91	Hypertension	ICD-09-CM	Diagnosis
H35.031	Hypertensive retinopathy, right eye	ICD-10-CM	Diagnosis
H35.032	Hypertensive retinopathy, left eye	ICD-10-CM	Diagnosis
H35.033	Hypertensive retinopathy, bilateral	ICD-10-CM	Diagnosis
H35.039	Hypertensive retinopathy, unspecified eye	ICD-10-CM	Diagnosis
I10	Essential (primary) hypertension	ICD-10-CM	Diagnosis
I11	Hypertensive heart disease	ICD-10-CM	Diagnosis
I11.0	Hypertensive heart disease with heart failure	ICD-10-CM	Diagnosis
I11.9	Hypertensive heart disease without heart failure	ICD-10-CM	Diagnosis
I12	Hypertensive chronic kidney disease	ICD-10-CM	Diagnosis
I12.0	Hypertensive chronic kidney disease with stage 5 chronic kidney disease or end stage renal disease	ICD-10-CM	Diagnosis
I12.9	Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	ICD-10-CM	Diagnosis
I13	Hypertensive heart and chronic kidney disease	ICD-10-CM	Diagnosis
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	ICD-10-CM	Diagnosis
I13.1	Hypertensive heart and chronic kidney disease without heart failure	ICD-10-CM	Diagnosis
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	ICD-10-CM	Diagnosis
I13.11	Hypertensive heart and chronic kidney disease without heart failure, with stage 5 chronic kidney disease, or end stage renal disease	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
I13.2	Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage renal disease	ICD-10-CM	Diagnosis
I15	Secondary hypertension	ICD-10-CM	Diagnosis
I15.0	Renovascular hypertension	ICD-10-CM	Diagnosis
I15.1	Hypertension secondary to other renal disorders	ICD-10-CM	Diagnosis
I15.2	Hypertension secondary to endocrine disorders	ICD-10-CM	Diagnosis
I15.8	Other secondary hypertension	ICD-10-CM	Diagnosis
I15.9	Secondary hypertension, unspecified	ICD-10-CM	Diagnosis
I16.0	Hypertensive urgency	ICD-10-CM	Diagnosis
I16.1	Hypertensive emergency	ICD-10-CM	Diagnosis
I16.9	Hypertensive crisis, unspecified	ICD-10-CM	Diagnosis
I67.4	Hypertensive encephalopathy	ICD-10-CM	Diagnosis
N26.2	Page kidney	ICD-10-CM	Diagnosis
Influenza			
487	Influenza	ICD-09-CM	Diagnosis
487.0	Influenza with pneumonia	ICD-09-CM	Diagnosis
487.1	Influenza with other respiratory manifestations	ICD-09-CM	Diagnosis
487.8	Influenza with other manifestations	ICD-09-CM	Diagnosis
488	Influenza due to certain identified influenza viruses	ICD-09-CM	Diagnosis
488.0	Influenza due to identified avian influenza virus	ICD-09-CM	Diagnosis
488.01	Influenza due to identified avian influenza virus with pneumonia	ICD-09-CM	Diagnosis
488.02	Influenza due to identified avian influenza virus with other respiratory manifestations	ICD-09-CM	Diagnosis
488.09	Influenza due to identified avian influenza virus with other manifestations	ICD-09-CM	Diagnosis
488.1	Influenza due to identified 2009 H1N1 influenza virus	ICD-09-CM	Diagnosis
488.11	Influenza due to identified 2009 H1N1 influenza virus with pneumonia	ICD-09-CM	Diagnosis
488.12	Influenza due to identified 2009 H1N1 influenza virus with other respiratory manifestatic	ICD-09-CM	Diagnosis
488.19	Influenza due to identified 2009 H1N1 influenza virus with other manifestations	ICD-09-CM	Diagnosis
488.8	Influenza due to novel influenza A	ICD-09-CM	Diagnosis
488.81	Influenza due to identified novel influenza A virus with pneumonia	ICD-09-CM	Diagnosis
488.82	Influenza due to identified novel influenza A virus with other respiratory manifestations	ICD-09-CM	Diagnosis
488.89	Influenza due to identified novel influenza A virus with other manifestations	ICD-09-CM	Diagnosis
J09.X1	Influenza due to identified novel influenza A virus with pneumonia	ICD-10-CM	Diagnosis
J09.X2	Influenza due to identified novel influenza A virus with other respiratory manifestations	ICD-10-CM	Diagnosis
J09.X3	Influenza due to identified novel influenza A virus with gastrointestinal manifestations	ICD-10-CM	Diagnosis
J09.X9	Influenza due to identified novel influenza A virus with other manifestations	ICD-10-CM	Diagnosis
J10.00	Influenza due to other identified influenza virus with unspecified type of pneumonia	ICD-10-CM	Diagnosis
J10.01	Influenza due to other identified influenza virus with the same other identified influenza	ICD-10-CM	Diagnosis
J10.08	Influenza due to other identified influenza virus with other specified pneumonia	ICD-10-CM	Diagnosis
J10.1	Influenza due to other identified influenza virus with other respiratory manifestations	ICD-10-CM	Diagnosis
J10.2	Influenza due to other identified influenza virus with gastrointestinal manifestations	ICD-10-CM	Diagnosis
J10.81	Influenza due to other identified influenza virus with encephalopathy	ICD-10-CM	Diagnosis
J10.82	Influenza due to other identified influenza virus with myocarditis	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
J10.83	Influenza due to other identified influenza virus with Otitis media	ICD-10-CM	Diagnosis
J10.89	Influenza due to other identified influenza virus with other manifestations	ICD-10-CM	Diagnosis
J11.00	Influenza due to unidentified influenza virus with unspecified type of pneumonia	ICD-10-CM	Diagnosis
J11.08	Influenza due to unidentified influenza virus with specified pneumonia	ICD-10-CM	Diagnosis
J11.1	Influenza due to unidentified influenza virus with other respiratory manifestations	ICD-10-CM	Diagnosis
J11.2	Influenza due to unidentified influenza virus with gastrointestinal manifestations	ICD-10-CM	Diagnosis
J11.81	Influenza due to unidentified influenza virus with encephalopathy	ICD-10-CM	Diagnosis
J11.82	Influenza due to unidentified influenza virus with myocarditis	ICD-10-CM	Diagnosis
J11.83	Influenza due to unidentified influenza virus with Otitis media	ICD-10-CM	Diagnosis
J11.89	Influenza due to unidentified influenza virus with other manifestations	ICD-10-CM	Diagnosis
Intellectual Disabilities and Related Conditions			
317	Mild intellectual disabilities	ICD-09-CM	Diagnosis
318	Other specified intellectual disabilities	ICD-09-CM	Diagnosis
318.0	Mod intellect disability	ICD-09-CM	Diagnosis
318.1	Sev intellect disability	ICD-09-CM	Diagnosis
318.2	Profnd intellct disablt	ICD-09-CM	Diagnosis
319	Intellectual disability NOS	ICD-09-CM	Diagnosis
758	Chromosomal anomalies	ICD-09-CM	Diagnosis
758.0	Down's syndrome	ICD-09-CM	Diagnosis
758.1	Patau's syndrome	ICD-09-CM	Diagnosis
758.2	Edwards' syndrome	ICD-09-CM	Diagnosis
758.3	Autosomal deletion syndromes	ICD-09-CM	Diagnosis
758.31	Cri-du-chat syndrome	ICD-09-CM	Diagnosis
758.32	Velo-cardio-facial syndrome	ICD-09-CM	Diagnosis
758.33	Microdeletions NEC	ICD-09-CM	Diagnosis
758.39	Autosomal deletions NEC	ICD-09-CM	Diagnosis
758.5	Autosomal anomalies NEC	ICD-09-CM	Diagnosis
759.7	Multiple congenital anomalies NEC	ICD-09-CM	Diagnosis
759.81	Prader-willi syndrome	ICD-09-CM	Diagnosis
759.83	Fragile x syndrome	ICD-09-CM	Diagnosis
759.89	Specified congenital anomalies NEC	ICD-09-CM	Diagnosis
760.71	Alcohol affecting fetus or newborn via placenta or breast milk	ICD-09-CM	Diagnosis
E78.71	Barth syndrome	ICD-10-CM	Diagnosis
E78.72	Smith-Lemli-Opitz syndrome	ICD-10-CM	Diagnosis
F70	Mild intellectual disabilities	ICD-10-CM	Diagnosis
F71	Moderate intellectual disabilities	ICD-10-CM	Diagnosis
F72	Severe intellectual disabilities	ICD-10-CM	Diagnosis
F73	Profound intellectual disabilities	ICD-10-CM	Diagnosis
F78	Unspecified intellectual disabilities	ICD-10-CM	Diagnosis
F79	Mild intellectual disabilities	ICD-10-CM	Diagnosis
P04.3	Newborn affected by maternal use of alcohol	ICD-10-CM	Diagnosis
Q86.0	Fetal alcohol syndrome (dysmorphic)	ICD-10-CM	Diagnosis

Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedural Classification System (ICD-10-PCS), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Type	Code Category
Q87.1	Congenital malformation syndromes predominantly associated with short stature	ICD-10-CM	Diagnosis
Q87.11	Prader-Willi syndrome	ICD-10-CM	Diagnosis
Q87.19	Other congen malform synd predom assoc with short stature	ICD-10-CM	Diagnosis
Q87.2	Congenital malformation syndromes predom involving limbs	ICD-10-CM	Diagnosis
Q87.3	Congenital malformation syndromes involving early overgrowth	ICD-10-CM	Diagnosis
Q87.5	Oth congenital malformation syndromes w oth skeletal changes	ICD-10-CM	Diagnosis
Q87.81	Alport syndrome	ICD-10-CM	Diagnosis
Q87.89	Oth congenital malformation syndromes, NEC	ICD-10-CM	Diagnosis
Q89.7	Multiple congenital malformations, not elsewhere classified	ICD-10-CM	Diagnosis
Q89.8	Other specified congenital malformations	ICD-10-CM	Diagnosis
Q90.0	Trisomy 21, nonmosaicism (meiotic nondisjunction)	ICD-10-CM	Diagnosis
Q90.1	Trisomy 21, mosaicism (mitotic nondisjunction)	ICD-10-CM	Diagnosis
Q90.2	Trisomy 21, translocation	ICD-10-CM	Diagnosis
Q91.0	Trisomy 18, nonmosaicism (meiotic nondisjunction)	ICD-10-CM	Diagnosis
Q91.1	Trisomy 18, mosaicism (mitotic nondisjunction)	ICD-10-CM	Diagnosis
Q91.2	Trisomy 18, translocation	ICD-10-CM	Diagnosis
Q91.3	Trisomy 18, unspecified	ICD-10-CM	Diagnosis
Q91.4	Trisomy 13, nonmosaicism (meiotic nondisjunction)	ICD-10-CM	Diagnosis
Q91.5	Trisomy 13, mosaicism (mitotic nondisjunction)	ICD-10-CM	Diagnosis
Q91.6	Trisomy 13, translocation	ICD-10-CM	Diagnosis
Q91.7	Trisomy 13, unspecified	ICD-10-CM	Diagnosis
Q92.0	Whole chromosome trisomy, nonmosaic (meiotic nondisjunction)	ICD-10-CM	Diagnosis
Q92.1	Whole chromosome trisomy, mosaicism (mitotic nondisjunction)	ICD-10-CM	Diagnosis
Q92.2	Partial trisomy	ICD-10-CM	Diagnosis
Q92.5	Duplications with other complex rearrangements	ICD-10-CM	Diagnosis
Q92.61	Marker chromosomes in normal individual	ICD-10-CM	Diagnosis
Q92.62	Marker chromosomes in abnormal individual	ICD-10-CM	Diagnosis
Q92.7	Triploidy and polyploidy	ICD-10-CM	Diagnosis
Q92.8	Other specified trisomies and partial trisomies of autosomes	ICD-10-CM	Diagnosis
Q92.9	Trisomy and partial trisomy of autosomes, unspecified	ICD-10-CM	Diagnosis
Q93.0	Whole chromosome monosomy, nonmosaic (meiotic nondisjunction)	ICD-10-CM	Diagnosis
Q93.1	Whole chromosome monosomy, mosaic (mitotic nondisjunction)	ICD-10-CM	Diagnosis
Q93.2	Chromosome replaced with ring, dicentric or isochromosome	ICD-10-CM	Diagnosis
Q93.3	Deletion of short arm of chromosome 4	ICD-10-CM	Diagnosis
Q93.4	Deletion of short arm of chromosome 5	ICD-10-CM	Diagnosis
Q93.5	Other deletions of part of a chromosome	ICD-10-CM	Diagnosis
Q93.51	Angelman syndrome	ICD-10-CM	Diagnosis
Q93.529	Other deletions of part of a chromosome	ICD-10-CM	Diagnosis
Q93.7	Deletions with other complex rearrangements	ICD-10-CM	Diagnosis
Q93.81	Velo-cardio-facial syndrome	ICD-10-CM	Diagnosis
Q93.88	Other microdeletions	ICD-10-CM	Diagnosis
Q93.89	Other deletions from the autosomes	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
Q93.9	Deletion from autosomes, unspecified	ICD-10-CM	Diagnosis
Q95.2	Balanced autosomal rearrangement in abnormal individual	ICD-10-CM	Diagnosis
Q95.3	Balanced sex/autosomal rearrangement in abnormal individual	ICD-10-CM	Diagnosis
Q99.2	Fragile X chromosome	ICD-10-CM	Diagnosis
Irritable Bowel Syndrome			
K50.00	Crohn's disease of small intestine without complications	ICD-10-CM	Diagnosis
K50.011	Crohn's disease of small intestine with rectal bleeding	ICD-10-CM	Diagnosis
K50.012	Crohn's disease of small intestine with intestinal obstruction	ICD-10-CM	Diagnosis
K50.013	Crohn's disease of small intestine with fistula	ICD-10-CM	Diagnosis
K50.014	Crohn's disease of small intestine with abscess	ICD-10-CM	Diagnosis
K50.018	Crohn's disease of small intestine with other complication	ICD-10-CM	Diagnosis
K50.019	Crohn's disease of small intestine with unspecified complications	ICD-10-CM	Diagnosis
K50.10	Crohn's disease of large intestine without complications	ICD-10-CM	Diagnosis
K50.111	Crohn's disease of large intestine with rectal bleeding	ICD-10-CM	Diagnosis
K50.112	Crohn's disease of large intestine with intestinal obstruction	ICD-10-CM	Diagnosis
K50.113	Crohn's disease of large intestine with fistula	ICD-10-CM	Diagnosis
K50.114	Crohn's disease of large intestine with abscess	ICD-10-CM	Diagnosis
K50.118	Crohn's disease of large intestine with other complication	ICD-10-CM	Diagnosis
K50.119	Crohn's disease of large intestine with unspecified complications	ICD-10-CM	Diagnosis
K50.80	Crohn's disease of both small and large intestine without complications	ICD-10-CM	Diagnosis
K50.811	Crohn's disease of both small and large intestine with rectal bleeding	ICD-10-CM	Diagnosis
K50.812	Crohn's disease of both small and large intestine with intestinal obstruction	ICD-10-CM	Diagnosis
K50.813	Crohn's disease of both small and large intestine with fistula	ICD-10-CM	Diagnosis
K50.814	Crohn's disease of both small and large intestine with abscess	ICD-10-CM	Diagnosis
K50.818	Crohn's disease of both small and large intestine with other complication	ICD-10-CM	Diagnosis
K50.819	Crohn's disease of both small and large intestine with unspecified complications	ICD-10-CM	Diagnosis
K50.90	Crohn's disease, unspecified, without complications	ICD-10-CM	Diagnosis
K50.911	Crohn's disease, unspecified, with rectal bleeding	ICD-10-CM	Diagnosis
K50.912	Crohn's disease, unspecified, with intestinal obstruction	ICD-10-CM	Diagnosis
K50.913	Crohn's disease, unspecified, with fistula	ICD-10-CM	Diagnosis
K50.914	Crohn's disease, unspecified, with abscess	ICD-10-CM	Diagnosis
K50.918	Crohn's disease, unspecified, with other complication	ICD-10-CM	Diagnosis
K50.919	Crohn's disease, unspecified, with unspecified complications	ICD-10-CM	Diagnosis
K51.00	Ulcerative (chronic) pancolitis without complications	ICD-10-CM	Diagnosis
K51.011	Ulcerative (chronic) pancolitis with rectal bleeding	ICD-10-CM	Diagnosis
K51.012	Ulcerative (chronic) pancolitis with intestinal obstruction	ICD-10-CM	Diagnosis
K51.013	Ulcerative (chronic) pancolitis with fistula	ICD-10-CM	Diagnosis
K51.014	Ulcerative (chronic) pancolitis with abscess	ICD-10-CM	Diagnosis
K51.018	Ulcerative (chronic) pancolitis with other complication	ICD-10-CM	Diagnosis
K51.019	Ulcerative (chronic) pancolitis with unspecified complications	ICD-10-CM	Diagnosis
K51.20	Ulcerative (chronic) proctitis without complications	ICD-10-CM	Diagnosis
K51.211	Ulcerative (chronic) proctitis with rectal bleeding	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
K51.212	Ulcerative (chronic) proctitis with intestinal obstruction	ICD-10-CM	Diagnosis
K51.213	Ulcerative (chronic) proctitis with fistula	ICD-10-CM	Diagnosis
K51.214	Ulcerative (chronic) proctitis with abscess	ICD-10-CM	Diagnosis
K51.218	Ulcerative (chronic) proctitis with other complication	ICD-10-CM	Diagnosis
K51.219	Ulcerative (chronic) proctitis with unspecified complications	ICD-10-CM	Diagnosis
K51.30	Ulcerative (chronic) rectosigmoiditis without complications	ICD-10-CM	Diagnosis
K51.311	Ulcerative (chronic) rectosigmoiditis with rectal bleeding	ICD-10-CM	Diagnosis
K51.312	Ulcerative (chronic) rectosigmoiditis with intestinal obstruction	ICD-10-CM	Diagnosis
K51.313	Ulcerative (chronic) rectosigmoiditis with fistula	ICD-10-CM	Diagnosis
K51.314	Ulcerative (chronic) rectosigmoiditis with abscess	ICD-10-CM	Diagnosis
K51.318	Ulcerative (chronic) rectosigmoiditis with other complication	ICD-10-CM	Diagnosis
K51.319	Ulcerative (chronic) rectosigmoiditis with unspecified complications	ICD-10-CM	Diagnosis
K51.40	Inflammatory polyps of colon without complications	ICD-10-CM	Diagnosis
K51.411	Inflammatory polyps of colon with rectal bleeding	ICD-10-CM	Diagnosis
K51.412	Inflammatory polyps of colon with intestinal obstruction	ICD-10-CM	Diagnosis
K51.413	Inflammatory polyps of colon with fistula	ICD-10-CM	Diagnosis
K51.414	Inflammatory polyps of colon with abscess	ICD-10-CM	Diagnosis
K51.418	Inflammatory polyps of colon with other complication	ICD-10-CM	Diagnosis
K51.419	Inflammatory polyps of colon with unspecified complications	ICD-10-CM	Diagnosis
K51.50	Left sided colitis without complications	ICD-10-CM	Diagnosis
K51.511	Left sided colitis with rectal bleeding	ICD-10-CM	Diagnosis
K51.512	Left sided colitis with intestinal obstruction	ICD-10-CM	Diagnosis
K51.513	Left sided colitis with fistula	ICD-10-CM	Diagnosis
K51.514	Left sided colitis with abscess	ICD-10-CM	Diagnosis
K51.518	Left sided colitis with other complication	ICD-10-CM	Diagnosis
K51.519	Left sided colitis with unspecified complications	ICD-10-CM	Diagnosis
K51.80	Other ulcerative colitis without complications	ICD-10-CM	Diagnosis
K51.811	Other ulcerative colitis with rectal bleeding	ICD-10-CM	Diagnosis
K51.812	Other ulcerative colitis with intestinal obstruction	ICD-10-CM	Diagnosis
K51.813	Other ulcerative colitis with fistula	ICD-10-CM	Diagnosis
K51.814	Other ulcerative colitis with abscess	ICD-10-CM	Diagnosis
K51.818	Other ulcerative colitis with other complication	ICD-10-CM	Diagnosis
K51.819	Other ulcerative colitis with unspecified complications	ICD-10-CM	Diagnosis
K51.90	Ulcerative colitis, unspecified, without complications	ICD-10-CM	Diagnosis
K51.911	Ulcerative colitis, unspecified with rectal bleeding	ICD-10-CM	Diagnosis
K51.912	Ulcerative colitis, unspecified with intestinal obstruction	ICD-10-CM	Diagnosis
K51.913	Ulcerative colitis, unspecified with fistula	ICD-10-CM	Diagnosis
K51.914	Ulcerative colitis, unspecified with abscess	ICD-10-CM	Diagnosis
K51.918	Ulcerative colitis, unspecified with other complication	ICD-10-CM	Diagnosis
K51.919	Ulcerative colitis, unspecified with unspecified complications	ICD-10-CM	Diagnosis
556.5	Left sided ulcerative (chronic) colitis	ICD-09-CM	Diagnosis
556.8	Other ulcerative colitis	ICD-09-CM	Diagnosis

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Code	Description	Code Type	Code Category
556.4	Pseudopolyposis of colon	ICD-09-CM	Diagnosis
555	Regional enteritis	ICD-09-CM	Diagnosis
555.1	Regional enteritis of large intestine	ICD-09-CM	Diagnosis
555.0	Regional enteritis of small intestine	ICD-09-CM	Diagnosis
555.9	Regional enteritis of unspecified site	ICD-09-CM	Diagnosis
555.2	Regional enteritis of small intestine with large intestine	ICD-09-CM	Diagnosis
558.2	Toxic gastroenteritis and colitis	ICD-09-CM	Diagnosis
556	Ulcerative colitis	ICD-09-CM	Diagnosis
556.0	Ulcerative (chronic) enterocolitis	ICD-09-CM	Diagnosis
556.1	Ulcerative (chronic) ileocolitis	ICD-09-CM	Diagnosis
556.2	Ulcerative (chronic) proctitis	ICD-09-CM	Diagnosis
556.3	Ulcerative (chronic) proctosigmoiditis	ICD-09-CM	Diagnosis
556.6	Universal ulcerative (chronic) colitis	ICD-09-CM	Diagnosis
556.9	Unspecified ulcerative colitis	ICD-09-CM	Diagnosis
Measles			
055	Measles	ICD-09-CM	Diagnosis
055.0	Postmeasles encephalitis	ICD-09-CM	Diagnosis
055.1	Postmeasles pneumonia	ICD-09-CM	Diagnosis
055.2	Postmeasles Otitis media	ICD-09-CM	Diagnosis
055.7	Measles, with other specified complications	ICD-09-CM	Diagnosis
055.71	Measles keratoconjunctivitis	ICD-09-CM	Diagnosis
055.79	Other specified measles complications	ICD-09-CM	Diagnosis
055.8	Unspecified measles complication	ICD-09-CM	Diagnosis
055.9	Measles without mention of complication	ICD-09-CM	Diagnosis
B05.0	Measles complicated by encephalitis	ICD-10-CM	Diagnosis
B05.1	Measles complicated by meningitis	ICD-10-CM	Diagnosis
B05.2	Measles complicated by pneumonia	ICD-10-CM	Diagnosis
B05.3	Measles complicated by Otitis media	ICD-10-CM	Diagnosis
B05.4	Measles with intestinal complications	ICD-10-CM	Diagnosis
B05.81	Measles keratitis and keratoconjunctivitis	ICD-10-CM	Diagnosis
B05.89	Other measles complications	ICD-10-CM	Diagnosis
B05.9	Measles without complication	ICD-10-CM	Diagnosis
Meningitis			
003.21	Salmonella meningitis	ICD-09-CM	Diagnosis
013.0	Tuberculous meningitis	ICD-09-CM	Diagnosis
013.00	Tuberculous meningitis, confirmation unspecified	ICD-09-CM	Diagnosis
013.01	Tuberculous meningitis, bacteriological or histological examination not done	ICD-09-CM	Diagnosis
013.02	Tuberculous meningitis, bacteriological or histological examination unknown (at present)	ICD-09-CM	Diagnosis
013.03	Tuberculous meningitis, tubercle bacilli found (in sputum) by microscopy	ICD-09-CM	Diagnosis
013.04	Tuberculous meningitis, tubercle bacilli not found (in sputum) by microscopy, but found	ICD-09-CM	Diagnosis
013.05	Tuberculous meningitis, tubercle bacilli not found by bacteriological examination, but tuberculosis confirmed histologically	ICD-09-CM	Diagnosis

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Code	Description	Code Type	Code Category
013.06	Tuberculous meningitis, tubercle bacilli not found by bacteriological or histological examination, but tuberculosis confirmed by other methods [inoculation of animals]	ICD-09-CM	Diagnosis
036.0	Meningococcal meningitis	ICD-09-CM	Diagnosis
047	Meningitis due to enterovirus	ICD-09-CM	Diagnosis
047.0	Meningitis due to coxsackie virus	ICD-09-CM	Diagnosis
047.1	Meningitis due to ECHO virus	ICD-09-CM	Diagnosis
047.8	Other specified viral meningitis	ICD-09-CM	Diagnosis
047.9	Unspecified viral meningitis	ICD-09-CM	Diagnosis
049.0	Lymphocytic choriomeningitis	ICD-09-CM	Diagnosis
049.1	Meningitis due to adenovirus	ICD-09-CM	Diagnosis
053.0	Herpes zoster with meningitis	ICD-09-CM	Diagnosis
054.72	Herpes simplex meningitis	ICD-09-CM	Diagnosis
072.1	Mumps meningitis	ICD-09-CM	Diagnosis
090.42	Congenital syphilitic meningitis	ICD-09-CM	Diagnosis
091.81	Early syphilis, acute syphilitic meningitis (secondary)	ICD-09-CM	Diagnosis
094.2	Syphilitic meningitis	ICD-09-CM	Diagnosis
098.82	Gonococcal meningitis	ICD-09-CM	Diagnosis
100.81	Leptospiral meningitis (aseptic)	ICD-09-CM	Diagnosis
112.83	Candidal meningitis	ICD-09-CM	Diagnosis
114.2	Coccidioidal meningitis	ICD-09-CM	Diagnosis
115.01	Histoplasma capsulatum meningitis	ICD-09-CM	Diagnosis
115.11	Histoplasma duboisii meningitis	ICD-09-CM	Diagnosis
115.91	Unspecified Histoplasmosis meningitis	ICD-09-CM	Diagnosis
320	Bacterial meningitis	ICD-09-CM	Diagnosis
320.0	Hemophilus meningitis	ICD-09-CM	Diagnosis
320.1	Pneumococcal meningitis	ICD-09-CM	Diagnosis
320.2	Streptococcal meningitis	ICD-09-CM	Diagnosis
320.3	Staphylococcal meningitis	ICD-09-CM	Diagnosis
320.7	Meningitis in other bacterial diseases classified elsewhere	ICD-09-CM	Diagnosis
320.8	Meningitis due to other specified bacteria	ICD-09-CM	Diagnosis
320.81	Anaerobic meningitis	ICD-09-CM	Diagnosis
320.82	Meningitis due to gram-negative bacteria, not elsewhere classified	ICD-09-CM	Diagnosis
320.89	Meningitis due to other specified bacteria	ICD-09-CM	Diagnosis
320.9	Meningitis due to unspecified bacterium	ICD-09-CM	Diagnosis
321	Meningitis due to other organisms	ICD-09-CM	Diagnosis
321.0	Cryptococcal meningitis	ICD-09-CM	Diagnosis
321.1	Meningitis in other fungal diseases	ICD-09-CM	Diagnosis
321.2	Meningitis due to viruses not elsewhere classified	ICD-09-CM	Diagnosis
321.3	Meningitis due to trypanosomiasis	ICD-09-CM	Diagnosis
321.4	Meningitis in sarcoidosis	ICD-09-CM	Diagnosis
321.8	Meningitis due to other nonbacterial organisms classified elsewhere	ICD-09-CM	Diagnosis

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Code	Description	Code Type	Code Category
322	Meningitis of unspecified cause	ICD-09-CM	Diagnosis
322.0	Nonpyogenic meningitis	ICD-09-CM	Diagnosis
322.1	Eosinophilic meningitis	ICD-09-CM	Diagnosis
322.2	Chronic meningitis	ICD-09-CM	Diagnosis
322.9	Unspecified meningitis	ICD-09-CM	Diagnosis
A02.21	Salmonella meningitis	ICD-10-CM	Diagnosis
A17.0	Tuberculous meningitis	ICD-10-CM	Diagnosis
A27.81	Aseptic meningitis in leptospirosis	ICD-10-CM	Diagnosis
A39.0	Meningococcal meningitis	ICD-10-CM	Diagnosis
A50.41	Late congenital syphilitic meningitis	ICD-10-CM	Diagnosis
A51.41	Secondary syphilitic meningitis	ICD-10-CM	Diagnosis
A52.13	Late syphilitic meningitis	ICD-10-CM	Diagnosis
A54.81	Gonococcal meningitis	ICD-10-CM	Diagnosis
A87.0	Enteroviral meningitis	ICD-10-CM	Diagnosis
A87.1	Adenoviral meningitis	ICD-10-CM	Diagnosis
A87.2	Lymphocytic choriomeningitis	ICD-10-CM	Diagnosis
A87.8	Other viral meningitis	ICD-10-CM	Diagnosis
A87.9	Viral meningitis, unspecified	ICD-10-CM	Diagnosis
B00.3	Herpesviral meningitis	ICD-10-CM	Diagnosis
B02.1	Zoster meningitis	ICD-10-CM	Diagnosis
B26.1	Mumps meningitis	ICD-10-CM	Diagnosis
B37.5	Candidal meningitis	ICD-10-CM	Diagnosis
B38.4	Coccidioidomycosis meningitis	ICD-10-CM	Diagnosis
B39.4	Histoplasmosis capsulati, unspecified	ICD-10-CM	Diagnosis
B39.5	Histoplasmosis duboisii	ICD-10-CM	Diagnosis
B39.9	Histoplasmosis, unspecified	ICD-10-CM	Diagnosis
B45.1	Cerebral cryptococcosis	ICD-10-CM	Diagnosis
G00.0	Hemophilus meningitis	ICD-10-CM	Diagnosis
G00.1	Pneumococcal meningitis	ICD-10-CM	Diagnosis
G00.2	Streptococcal meningitis	ICD-10-CM	Diagnosis
G00.3	Staphylococcal meningitis	ICD-10-CM	Diagnosis
G00.8	Other bacterial meningitis	ICD-10-CM	Diagnosis
G00.9	Bacterial meningitis, unspecified	ICD-10-CM	Diagnosis
G01	Meningitis in bacterial diseases classified elsewhere	ICD-10-CM	Diagnosis
G02	Meningitis in other infectious and parasitic diseases classified elsewhere	ICD-10-CM	Diagnosis
G03.0	Nonpyogenic meningitis	ICD-10-CM	Diagnosis
G03.1	Chronic meningitis	ICD-10-CM	Diagnosis
G03.2	Benign recurrent meningitis [Mollaret]	ICD-10-CM	Diagnosis
G03.8	Meningitis due to other specified causes	ICD-10-CM	Diagnosis
G03.9	Meningitis, unspecified	ICD-10-CM	Diagnosis
G04.2	Bacterial meningoencephalitis and meningomyelitis, not elsewhere classified	ICD-10-CM	Diagnosis
Mumps			

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Code	Description	Code Type	Code Category
072	Mumps	ICD-09-CM	Diagnosis
072.0	Mumps orchitis	ICD-09-CM	Diagnosis
072.1	Mumps meningitis	ICD-09-CM	Diagnosis
072.2	Mumps encephalitis	ICD-09-CM	Diagnosis
072.3	Mumps pancreatitis	ICD-09-CM	Diagnosis
072.7	Mumps with other specified complications	ICD-09-CM	Diagnosis
072.71	Mumps hepatitis	ICD-09-CM	Diagnosis
072.72	Mumps polyneuropathy	ICD-09-CM	Diagnosis
072.79	Mumps with other specified complications	ICD-09-CM	Diagnosis
072.8	Unspecified mumps complication	ICD-09-CM	Diagnosis
072.9	Mumps without mention of complication	ICD-09-CM	Diagnosis
B26.0	Mumps orchitis	ICD-10-CM	Diagnosis
B26.1	Mumps meningitis	ICD-10-CM	Diagnosis
B26.2	Mumps encephalitis	ICD-10-CM	Diagnosis
B26.3	Mumps pancreatitis	ICD-10-CM	Diagnosis
B26.81	Mumps hepatitis	ICD-10-CM	Diagnosis
B26.82	Mumps myocarditis	ICD-10-CM	Diagnosis
B26.83	Mumps nephritis	ICD-10-CM	Diagnosis
B26.84	Mumps polyneuropathy	ICD-10-CM	Diagnosis
B26.85	Mumps arthritis	ICD-10-CM	Diagnosis
B26.89	Other mumps complications	ICD-10-CM	Diagnosis
B26.9	Mumps without complication	ICD-10-CM	Diagnosis
Otitis Media			
055.2	Postmeasles Otitis media	ICD-09-CM	Diagnosis
381	Nonsuppurative Otitis media and Eustachian tube disorders	ICD-09-CM	Diagnosis
381.0	Acute nonsuppurative Otitis media	ICD-09-CM	Diagnosis
381.00	Unspecified acute nonsuppurative Otitis media	ICD-09-CM	Diagnosis
381.01	Acute serous Otitis media	ICD-09-CM	Diagnosis
381.02	Acute mucoid Otitis media	ICD-09-CM	Diagnosis
381.03	Acute sanguinous Otitis media	ICD-09-CM	Diagnosis
381.04	Acute allergic serous Otitis media	ICD-09-CM	Diagnosis
381.05	Acute allergic mucoid Otitis media	ICD-09-CM	Diagnosis
381.06	Acute allergic sanguinous Otitis media	ICD-09-CM	Diagnosis
381.1	Chronic serous Otitis media	ICD-09-CM	Diagnosis
381.10	Simple or unspecified chronic serous Otitis media	ICD-09-CM	Diagnosis
381.19	Other chronic serous Otitis media	ICD-09-CM	Diagnosis
381.2	Chronic mucoid Otitis media	ICD-09-CM	Diagnosis
381.20	Simple or unspecified chronic mucoid Otitis media	ICD-09-CM	Diagnosis
381.29	Other chronic mucoid Otitis media	ICD-09-CM	Diagnosis
381.3	Other and unspecified chronic nonsuppurative Otitis media	ICD-09-CM	Diagnosis
381.4	Nonsuppurative Otitis media, not specified as acute or chronic	ICD-09-CM	Diagnosis
382	Suppurative and unspecified Otitis media	ICD-09-CM	Diagnosis

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Code	Description	Code Type	Code Category
382.0	Acute suppurative Otitis media	ICD-09-CM	Diagnosis
382.00	Acute suppurative Otitis media without spontaneous rupture of eardrum	ICD-09-CM	Diagnosis
382.01	Acute suppurative Otitis media with spontaneous rupture of eardrum	ICD-09-CM	Diagnosis
382.02	Acute suppurative Otitis media in diseases classified elsewhere	ICD-09-CM	Diagnosis
382.1	Chronic tubotympanic suppurative Otitis media	ICD-09-CM	Diagnosis
382.2	Chronic atticofacial suppurative Otitis media	ICD-09-CM	Diagnosis
382.3	Unspecified chronic suppurative Otitis media	ICD-09-CM	Diagnosis
382.4	Unspecified suppurative Otitis media	ICD-09-CM	Diagnosis
382.9	Unspecified Otitis media	ICD-09-CM	Diagnosis
384.0	Acute myringitis without mention of Otitis media	ICD-09-CM	Diagnosis
384.09	Other acute myringitis without mention of Otitis media	ICD-09-CM	Diagnosis
384.1	Chronic myringitis without mention of Otitis media	ICD-09-CM	Diagnosis
B05.3	Measles complicated by Otitis media	ICD-10-CM	Diagnosis
H65.00	Acute serous Otitis media, unspecified ear	ICD-10-CM	Diagnosis
H65.01	Acute serous Otitis media, right ear	ICD-10-CM	Diagnosis
H65.02	Acute serous Otitis media, left ear	ICD-10-CM	Diagnosis
H65.03	Acute serous Otitis media, bilateral	ICD-10-CM	Diagnosis
H65.04	Acute serous Otitis media, recurrent, right ear	ICD-10-CM	Diagnosis
H65.05	Acute serous Otitis media, recurrent, left ear	ICD-10-CM	Diagnosis
H65.06	Acute serous Otitis media, recurrent, bilateral	ICD-10-CM	Diagnosis
H65.07	Acute serous Otitis media, recurrent, unspecified ear	ICD-10-CM	Diagnosis
H65.111	Acute and subacute allergic Otitis media (mucoïd) (sanguinous) (serous), right ear	ICD-10-CM	Diagnosis
H65.112	Acute and subacute allergic Otitis media (mucoïd) (sanguinous) (serous), left ear	ICD-10-CM	Diagnosis
H65.113	Acute and subacute allergic Otitis media (mucoïd) (sanguinous) (serous), bilateral	ICD-10-CM	Diagnosis
H65.114	Acute and subacute allergic Otitis media (mucoïd) (sanguinous) (serous), recurrent, right	ICD-10-CM	Diagnosis
H65.115	Acute and subacute allergic Otitis media (mucoïd) (sanguinous) (serous), recurrent, left e	ICD-10-CM	Diagnosis
H65.116	Acute and subacute allergic Otitis media (mucoïd) (sanguinous) (serous), recurrent, bilate	ICD-10-CM	Diagnosis
H65.117	Acute and subacute allergic Otitis media (mucoïd) (sanguinous) (serous), recurrent, unsp	ICD-10-CM	Diagnosis
H65.119	Acute and subacute allergic Otitis media (mucoïd) (sanguinous) (serous), unspecified ear	ICD-10-CM	Diagnosis
H65.191	Other acute nonsuppurative Otitis media, right ear	ICD-10-CM	Diagnosis
H65.192	Other acute nonsuppurative Otitis media, left ear	ICD-10-CM	Diagnosis
H65.193	Other acute nonsuppurative Otitis media, bilateral	ICD-10-CM	Diagnosis
H65.194	Other acute nonsuppurative Otitis media, recurrent, right ear	ICD-10-CM	Diagnosis
H65.195	Other acute nonsuppurative Otitis media, recurrent, left ear	ICD-10-CM	Diagnosis
H65.196	Other acute nonsuppurative Otitis media, recurrent, bilateral	ICD-10-CM	Diagnosis
H65.197	Other acute nonsuppurative Otitis media recurrent, unspecified ear	ICD-10-CM	Diagnosis
H65.199	Other acute nonsuppurative Otitis media, unspecified ear	ICD-10-CM	Diagnosis
H65.20	Chronic serous Otitis media, unspecified ear	ICD-10-CM	Diagnosis
H65.21	Chronic serous Otitis media, right ear	ICD-10-CM	Diagnosis
H65.22	Chronic serous Otitis media, left ear	ICD-10-CM	Diagnosis
H65.23	Chronic serous Otitis media, bilateral	ICD-10-CM	Diagnosis
H65.30	Chronic mucoïd Otitis media, unspecified ear	ICD-10-CM	Diagnosis

Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedural Classification System (ICD-10-PCS), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Codes Used to Define Baseline Characteristics in this Request

Code	Description	Code Type	Code Category
H65.31	Chronic mucoid Otitis media, right ear	ICD-10-CM	Diagnosis
H65.32	Chronic mucoid Otitis media, left ear	ICD-10-CM	Diagnosis
H65.33	Chronic mucoid Otitis media, bilateral	ICD-10-CM	Diagnosis
H65.411	Chronic allergic Otitis media, right ear	ICD-10-CM	Diagnosis
H65.412	Chronic allergic Otitis media, left ear	ICD-10-CM	Diagnosis
H65.413	Chronic allergic Otitis media, bilateral	ICD-10-CM	Diagnosis
H65.419	Chronic allergic Otitis media, unspecified ear	ICD-10-CM	Diagnosis
H65.491	Other chronic nonsuppurative Otitis media, right ear	ICD-10-CM	Diagnosis
H65.492	Other chronic nonsuppurative Otitis media, left ear	ICD-10-CM	Diagnosis
H65.493	Other chronic nonsuppurative Otitis media, bilateral	ICD-10-CM	Diagnosis
H65.499	Other chronic nonsuppurative Otitis media, unspecified ear	ICD-10-CM	Diagnosis
H65.90	Unspecified nonsuppurative Otitis media, unspecified ear	ICD-10-CM	Diagnosis
H65.91	Unspecified nonsuppurative Otitis media, right ear	ICD-10-CM	Diagnosis
H65.92	Unspecified nonsuppurative Otitis media, left ear	ICD-10-CM	Diagnosis
H65.93	Unspecified nonsuppurative Otitis media, bilateral	ICD-10-CM	Diagnosis
H66.001	Acute suppurative Otitis media without spontaneous rupture of ear drum, right ear	ICD-10-CM	Diagnosis
H66.002	Acute suppurative Otitis media without spontaneous rupture of ear drum, left ear	ICD-10-CM	Diagnosis
H66.003	Acute suppurative Otitis media without spontaneous rupture of ear drum, bilateral	ICD-10-CM	Diagnosis
H66.004	Acute suppurative Otitis media without spontaneous rupture of ear drum, recurrent, right ear	ICD-10-CM	Diagnosis
H66.005	Acute suppurative Otitis media without spontaneous rupture of ear drum, recurrent, left ear	ICD-10-CM	Diagnosis
H66.006	Acute suppurative Otitis media without spontaneous rupture of ear drum, recurrent, bilateral	ICD-10-CM	Diagnosis
H66.007	Acute suppurative Otitis media without spontaneous rupture of ear drum, recurrent, unspecified ear	ICD-10-CM	Diagnosis
H66.009	Acute suppurative Otitis media without spontaneous rupture of ear drum, unspecified ear	ICD-10-CM	Diagnosis
H66.011	Acute suppurative Otitis media with spontaneous rupture of ear drum, right ear	ICD-10-CM	Diagnosis
H66.012	Acute suppurative Otitis media with spontaneous rupture of ear drum, left ear	ICD-10-CM	Diagnosis
H66.013	Acute suppurative Otitis media with spontaneous rupture of ear drum, bilateral	ICD-10-CM	Diagnosis
H66.014	Acute suppurative Otitis media with spontaneous rupture of ear drum, recurrent, right ear	ICD-10-CM	Diagnosis
H66.015	Acute suppurative Otitis media with spontaneous rupture of ear drum, recurrent, left ear	ICD-10-CM	Diagnosis
H66.016	Acute suppurative Otitis media with spontaneous rupture of ear drum, recurrent, bilateral	ICD-10-CM	Diagnosis
H66.017	Acute suppurative Otitis media with spontaneous rupture of ear drum, recurrent, unspecified ear	ICD-10-CM	Diagnosis
H66.019	Acute suppurative Otitis media with spontaneous rupture of ear drum, unspecified ear	ICD-10-CM	Diagnosis
H66.10	Chronic tubotympanic suppurative Otitis media, unspecified	ICD-10-CM	Diagnosis
H66.11	Chronic tubotympanic suppurative Otitis media, right ear	ICD-10-CM	Diagnosis
H66.12	Chronic tubotympanic suppurative Otitis media, left ear	ICD-10-CM	Diagnosis
H66.13	Chronic tubotympanic suppurative Otitis media, bilateral	ICD-10-CM	Diagnosis
H66.20	Chronic atticoantral suppurative Otitis media, unspecified ear	ICD-10-CM	Diagnosis
H66.21	Chronic atticoantral suppurative Otitis media, right ear	ICD-10-CM	Diagnosis
H66.22	Chronic atticoantral suppurative Otitis media, left ear	ICD-10-CM	Diagnosis
H66.23	Chronic atticoantral suppurative Otitis media, bilateral	ICD-10-CM	Diagnosis
H66.3X1	Other chronic suppurative Otitis media, right ear	ICD-10-CM	Diagnosis
H66.3X2	Other chronic suppurative Otitis media, left ear	ICD-10-CM	Diagnosis
H66.3X3	Other chronic suppurative Otitis media, bilateral	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
H66.3X9	Other chronic suppurative Otitis media, unspecified ear	ICD-10-CM	Diagnosis
H66.40	Suppurative Otitis media, unspecified, unspecified ear	ICD-10-CM	Diagnosis
H66.41	Suppurative Otitis media, unspecified, right ear	ICD-10-CM	Diagnosis
H66.42	Suppurative Otitis media, unspecified, left ear	ICD-10-CM	Diagnosis
H66.43	Suppurative Otitis media, unspecified, bilateral	ICD-10-CM	Diagnosis
H66.90	Otitis media, unspecified, unspecified ear	ICD-10-CM	Diagnosis
H66.91	Otitis media, unspecified, right ear	ICD-10-CM	Diagnosis
H66.92	Otitis media, unspecified, left ear	ICD-10-CM	Diagnosis
H66.93	Otitis media, unspecified, bilateral	ICD-10-CM	Diagnosis
H67.1	Otitis media in diseases classified elsewhere, right ear	ICD-10-CM	Diagnosis
H67.2	Otitis media in diseases classified elsewhere, left ear	ICD-10-CM	Diagnosis
H67.3	Otitis media in diseases classified elsewhere, bilateral	ICD-10-CM	Diagnosis
H67.9	Otitis media in diseases classified elsewhere, unspecified ear	ICD-10-CM	Diagnosis
H73.091	Other acute myringitis, right ear	ICD-10-CM	Diagnosis
H73.092	Other acute myringitis, left ear	ICD-10-CM	Diagnosis
H73.093	Other acute myringitis, bilateral	ICD-10-CM	Diagnosis
H73.099	Other acute myringitis, unspecified ear	ICD-10-CM	Diagnosis
H73.10	Chronic myringitis, unspecified ear	ICD-10-CM	Diagnosis
H73.11	Chronic myringitis, right ear	ICD-10-CM	Diagnosis
H73.12	Chronic myringitis, left ear	ICD-10-CM	Diagnosis
H73.13	Chronic myringitis, bilateral	ICD-10-CM	Diagnosis
Pertussis			
033.9	Whooping cough NOS	ICD-09-CM	Diagnosis
484.3	Pneumonia in whooping cough	ICD-09-CM	Diagnosis
033.0	Whooping cough due to Bordetella pertussis (P. pertussis)	ICD-09-CM	Diagnosis
A37.00	Whooping cough due to Bordetella pertussis without pneumonia	ICD-10-CM	Diagnosis
A37.01	Whooping cough due to Bordetella pertussis with pneumonia	ICD-10-CM	Diagnosis
A37.10	Whooping cough due to Bordetella parapertussis without pneumonia	ICD-10-CM	Diagnosis
A37.11	Whooping cough due to Bordetella parapertussis with pneumonia	ICD-10-CM	Diagnosis
A37.81	Whooping cough due to oth Bordetella species with pneumonia	ICD-10-CM	Diagnosis
A37.90	Whooping cough, unspecified species without pneumonia	ICD-10-CM	Diagnosis
A37.91	Whooping cough, unspecified species with pneumonia	ICD-10-CM	Diagnosis
Pneumonia			
480	Viral pneumonia	ICD-09-CM	Diagnosis
480.0	Pneumonia due to adenovirus	ICD-09-CM	Diagnosis
480.1	Pneumonia due to respiratory syncytial virus	ICD-09-CM	Diagnosis
480.2	Pneumonia due to parainfluenza virus	ICD-09-CM	Diagnosis
480.3	Pneumonia due to SARS-associated coronavirus	ICD-09-CM	Diagnosis
480.8	Pneumonia due to other virus not elsewhere classified	ICD-09-CM	Diagnosis
480.9	Unspecified viral pneumonia	ICD-09-CM	Diagnosis
481	Pneumococcal pneumonia (streptococcus pneumoniae pneumonia)	ICD-09-CM	Diagnosis
482	Other bacterial pneumonia	ICD-09-CM	Diagnosis

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Code	Description	Code Type	Code Category
482.0	Pneumonia due to Klebsiella pneumoniae	ICD-09-CM	Diagnosis
482.1	Pneumonia due to Pseudomonas	ICD-09-CM	Diagnosis
482.2	Pneumonia due to Hemophilus influenzae (H. influenzae)	ICD-09-CM	Diagnosis
482.3	Pneumonia due to Streptococcus	ICD-09-CM	Diagnosis
482.30	Pneumonia due to unspecified Streptococcus	ICD-09-CM	Diagnosis
482.31	Pneumonia due to Streptococcus, group A	ICD-09-CM	Diagnosis
482.32	Pneumonia due to Streptococcus, group B	ICD-09-CM	Diagnosis
482.39	Pneumonia due to other Streptococcus	ICD-09-CM	Diagnosis
482.4	Pneumonia due to Staphylococcus	ICD-09-CM	Diagnosis
482.40	Pneumonia due to Staphylococcus, unspecified	ICD-09-CM	Diagnosis
482.41	Methicillin susceptible pneumonia due to Staphylococcus aureus	ICD-09-CM	Diagnosis
482.42	Methicillin resistant pneumonia due to Staphylococcus aureus	ICD-09-CM	Diagnosis
482.49	Other Staphylococcus pneumonia	ICD-09-CM	Diagnosis
482.8	Pneumonia due to other specified bacteria	ICD-09-CM	Diagnosis
482.81	Pneumonia due to anaerobes	ICD-09-CM	Diagnosis
482.82	Pneumonia due to Escherichia coli (E. coli)	ICD-09-CM	Diagnosis
482.83	Pneumonia due to other gram-negative bacteria	ICD-09-CM	Diagnosis
482.84	Legionnaires' disease	ICD-09-CM	Diagnosis
482.89	Pneumonia due to other specified bacteria	ICD-09-CM	Diagnosis
482.9	Unspecified bacterial pneumonia	ICD-09-CM	Diagnosis
483	Pneumonia due to other specified organism	ICD-09-CM	Diagnosis
483.0	Pneumonia due to Mycoplasma pneumoniae	ICD-09-CM	Diagnosis
483.1	Pneumonia due to Chlamydia	ICD-09-CM	Diagnosis
483.8	Pneumonia due to other specified organism	ICD-09-CM	Diagnosis
484	Pneumonia in infectious diseases classified elsewhere	ICD-09-CM	Diagnosis
484.1	Pneumonia in cytomegalic inclusion disease	ICD-09-CM	Diagnosis
484.3	Pneumonia in whooping cough	ICD-09-CM	Diagnosis
484.5	Pneumonia in anthrax	ICD-09-CM	Diagnosis
484.6	Pneumonia in aspergillosis	ICD-09-CM	Diagnosis
484.7	Pneumonia in other systemic mycoses	ICD-09-CM	Diagnosis
484.8	Pneumonia in other infectious diseases classified elsewhere	ICD-09-CM	Diagnosis
485	Bronchopneumonia, organism unspecified	ICD-09-CM	Diagnosis
486	Pneumonia, organism unspecified	ICD-09-CM	Diagnosis
487.0	Influenza with pneumonia	ICD-09-CM	Diagnosis
A37.01	Whooping cough due to Bordetella pertussis with pneumonia	ICD-10-CM	Diagnosis
A37.11	Whooping cough due to Bordetella parapertussis with pneumonia	ICD-10-CM	Diagnosis
A37.81	Whooping cough due to other Bordetella species with pneumonia	ICD-10-CM	Diagnosis
A37.91	Whooping cough, unspecified species with pneumonia	ICD-10-CM	Diagnosis
B77.81	Ascariasis pneumonia	ICD-10-CM	Diagnosis
J09.X1	Influenza due to identified novel influenza A virus with pneumonia	ICD-10-CM	Diagnosis
J10.00	Influenza due to other identified influenza virus with unspecified type of pneumonia	ICD-10-CM	Diagnosis
J10.01	Influenza due to other identified influenza virus with the same other identified influenza	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
J10.08	Influenza due to other identified influenza virus with other specified pneumonia	ICD-10-CM	Diagnosis
J11.00	Influenza due to unidentified influenza virus with unspecified type of pneumonia	ICD-10-CM	Diagnosis
J11.08	Influenza due to unidentified influenza virus with specified pneumonia	ICD-10-CM	Diagnosis
J12.0	Adenoviral pneumonia	ICD-10-CM	Diagnosis
J12.1	Respiratory syncytial virus pneumonia	ICD-10-CM	Diagnosis
J12.2	Parainfluenza virus pneumonia	ICD-10-CM	Diagnosis
J12.3	Human metapneumovirus pneumonia	ICD-10-CM	Diagnosis
J12.81	Pneumonia due to SARS-associated coronavirus	ICD-10-CM	Diagnosis
J12.89	Other viral pneumonia	ICD-10-CM	Diagnosis
J12.9	Viral pneumonia, unspecified	ICD-10-CM	Diagnosis
J13	Pneumonia due to Streptococcus pneumoniae	ICD-10-CM	Diagnosis
J14	Pneumonia due to Hemophilus influenzae	ICD-10-CM	Diagnosis
J15.0	Pneumonia due to Klebsiella pneumoniae	ICD-10-CM	Diagnosis
J15.1	Pneumonia due to Pseudomonas	ICD-10-CM	Diagnosis
J15.20	Pneumonia due to staphylococcus, unspecified	ICD-10-CM	Diagnosis
J15.211	Pneumonia due to Methicillin susceptible Staphylococcus aureus	ICD-10-CM	Diagnosis
J15.212	Pneumonia due to Methicillin resistant Staphylococcus aureus	ICD-10-CM	Diagnosis
J15.29	Pneumonia due to other staphylococcus	ICD-10-CM	Diagnosis
J15.3	Pneumonia due to streptococcus, group B	ICD-10-CM	Diagnosis
J15.4	Pneumonia due to other streptococci	ICD-10-CM	Diagnosis
J15.5	Pneumonia due to Escherichia coli	ICD-10-CM	Diagnosis
J15.6	Pneumonia due to other Gram-negative bacteria	ICD-10-CM	Diagnosis
J15.7	Pneumonia due to Mycoplasma pneumoniae	ICD-10-CM	Diagnosis
J15.8	Pneumonia due to other specified bacteria	ICD-10-CM	Diagnosis
J15.9	Unspecified bacterial pneumonia	ICD-10-CM	Diagnosis
J16.0	Chlamydial pneumonia	ICD-10-CM	Diagnosis
J16.8	Pneumonia due to other specified infectious organisms	ICD-10-CM	Diagnosis
J17	Pneumonia in diseases classified elsewhere	ICD-10-CM	Diagnosis
J18.0	Bronchopneumonia, unspecified organism	ICD-10-CM	Diagnosis
J18.1	Lobar pneumonia, unspecified organism	ICD-10-CM	Diagnosis
J18.8	Other pneumonia, unspecified organism	ICD-10-CM	Diagnosis
J18.9	Pneumonia, unspecified organism	ICD-10-CM	Diagnosis
Rubella			
056	Rubella	ICD-09-CM	Diagnosis
056.0	Rubella with neurological complications	ICD-09-CM	Diagnosis
056.00	Unspecified rubella neurological complication	ICD-09-CM	Diagnosis
056.01	Encephalomyelitis due to rubella	ICD-09-CM	Diagnosis
056.09	Other neurological rubella complications	ICD-09-CM	Diagnosis
056.7	Rubella with other specified complications	ICD-09-CM	Diagnosis
056.71	Arthritis due to rubella	ICD-09-CM	Diagnosis
056.79	Rubella with other specified complications	ICD-09-CM	Diagnosis
056.8	Unspecified rubella complications	ICD-09-CM	Diagnosis

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Code	Description	Code Type	Code Category
056.9	Rubella without mention of complication	ICD-09-CM	Diagnosis
647.5	Maternal rubella complicating pregnancy, childbirth, or the puerperium	ICD-09-CM	Diagnosis
647.50	Maternal rubella complicating pregnancy, childbirth, or the puerperium, unspecified as to	ICD-09-CM	Diagnosis
647.51	Maternal rubella with delivery	ICD-09-CM	Diagnosis
647.52	Maternal rubella with delivery, with current postpartum complication	ICD-09-CM	Diagnosis
647.53	Maternal rubella, antepartum	ICD-09-CM	Diagnosis
647.54	Maternal rubella complicating pregnancy, childbirth, or the puerperium, postpartum con	ICD-09-CM	Diagnosis
771.0	Congenital rubella	ICD-09-CM	Diagnosis
V01.4	Contact with or exposure to rubella	ICD-09-CM	Diagnosis
B06.00	Rubella with neurological complication, unspecified	ICD-10-CM	Diagnosis
B06.01	Rubella encephalitis	ICD-10-CM	Diagnosis
B06.02	Rubella meningitis	ICD-10-CM	Diagnosis
B06.09	Other neurological complications of rubella	ICD-10-CM	Diagnosis
B06.81	Rubella pneumonia	ICD-10-CM	Diagnosis
B06.82	Rubella arthritis	ICD-10-CM	Diagnosis
B06.89	Other rubella complications	ICD-10-CM	Diagnosis
B06.9	Rubella without complication	ICD-10-CM	Diagnosis
P35.0	Congenital rubella syndrome	ICD-10-CM	Diagnosis
Z20.4	Contact with and (suspected) exposure to rubella	ICD-10-CM	Diagnosis
Sickle Cell Disease			
282.41	Sickle-cell thalassemia without crisis	ICD-09-CM	Diagnosis
282.42	Sickle-cell thalassemia with crisis	ICD-09-CM	Diagnosis
282.60	Sickle-cell disease, unspecified	ICD-09-CM	Diagnosis
282.61	Hb-SS disease without crisis	ICD-09-CM	Diagnosis
282.62	Hb-SS disease with crisis	ICD-09-CM	Diagnosis
282.63	Sickle-cell/Hb-C disease without crisis	ICD-09-CM	Diagnosis
282.64	Sickle-cell/Hb-C disease with crisis	ICD-09-CM	Diagnosis
282.68	Other sickle-cell disease without crisis	ICD-09-CM	Diagnosis
282.69	Other sickle-cell disease with crisis	ICD-09-CM	Diagnosis
D57.00	Hb-SS disease with crisis, unspecified	ICD-10-CM	Diagnosis
D57.01	Hb-SS disease with acute chest syndrome	ICD-10-CM	Diagnosis
D57.02	Hb-SS disease with splenic sequestration	ICD-10-CM	Diagnosis
D57.1	Sickle-cell disease without crisis	ICD-10-CM	Diagnosis
D57.20	Sickle-cell/Hb-C disease without crisis	ICD-10-CM	Diagnosis
D57.211	Sickle-cell/Hb-C disease with acute chest syndrome	ICD-10-CM	Diagnosis
D57.212	Sickle-cell/Hb-C disease with splenic sequestration	ICD-10-CM	Diagnosis
D57.219	Sickle-cell/Hb-C disease with crisis, unspecified	ICD-10-CM	Diagnosis
D57.40	Sickle-cell thalassemia without crisis	ICD-10-CM	Diagnosis
D57.411	Sickle-cell thalassemia, unspecified, with acute chest syndrome	ICD-10-CM	Diagnosis
D57.412	Sickle-cell thalassemia, unspecified, with splenic sequestration	ICD-10-CM	Diagnosis
D57.419	Sickle-cell thalassemia, unspecified, with crisis	ICD-10-CM	Diagnosis
D57.80	Other sickle-cell disorders without crisis	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
D57.811	Other sickle-cell disorders with acute chest syndrome	ICD-10-CM	Diagnosis
D57.812	Other sickle-cell disorders with splenic sequestration	ICD-10-CM	Diagnosis
D57.819	Other sickle-cell disorders with crisis, unspecified	ICD-10-CM	Diagnosis
Sinusitis			
461	Acute sinusitis	ICD-09-CM	Diagnosis
461.0	Acute maxillary sinusitis	ICD-09-CM	Diagnosis
461.1	Acute frontal sinusitis	ICD-09-CM	Diagnosis
461.2	Acute ethmoidal sinusitis	ICD-09-CM	Diagnosis
461.3	Acute sphenoidal sinusitis	ICD-09-CM	Diagnosis
461.8	Other acute sinusitis	ICD-09-CM	Diagnosis
461.9	Acute sinusitis, unspecified	ICD-09-CM	Diagnosis
473	Chronic sinusitis	ICD-09-CM	Diagnosis
473.0	Chronic maxillary sinusitis	ICD-09-CM	Diagnosis
473.1	Chronic frontal sinusitis	ICD-09-CM	Diagnosis
473.2	Chronic ethmoidal sinusitis	ICD-09-CM	Diagnosis
473.3	Chronic sphenoidal sinusitis	ICD-09-CM	Diagnosis
473.8	Other chronic sinusitis	ICD-09-CM	Diagnosis
473.9	Unspecified sinusitis (chronic)	ICD-09-CM	Diagnosis
J01.00	Acute maxillary sinusitis, unspecified	ICD-10-CM	Diagnosis
J01.01	Acute recurrent maxillary sinusitis	ICD-10-CM	Diagnosis
J01.10	Acute frontal sinusitis, unspecified	ICD-10-CM	Diagnosis
J01.11	Acute recurrent frontal sinusitis	ICD-10-CM	Diagnosis
J01.20	Acute ethmoidal sinusitis, unspecified	ICD-10-CM	Diagnosis
J01.21	Acute recurrent ethmoidal sinusitis	ICD-10-CM	Diagnosis
J01.30	Acute sphenoidal sinusitis, unspecified	ICD-10-CM	Diagnosis
J01.31	Acute recurrent sphenoidal sinusitis	ICD-10-CM	Diagnosis
J01.40	Acute pansinusitis, unspecified	ICD-10-CM	Diagnosis
J01.41	Acute recurrent pansinusitis	ICD-10-CM	Diagnosis
J01.80	Other acute sinusitis	ICD-10-CM	Diagnosis
J01.81	Other acute recurrent sinusitis	ICD-10-CM	Diagnosis
J01.90	Acute sinusitis, unspecified	ICD-10-CM	Diagnosis
J01.91	Acute recurrent sinusitis, unspecified	ICD-10-CM	Diagnosis
J32.0	Chronic maxillary sinusitis	ICD-10-CM	Diagnosis
J32.1	Chronic frontal sinusitis	ICD-10-CM	Diagnosis
J32.2	Chronic ethmoidal sinusitis	ICD-10-CM	Diagnosis
J32.3	Chronic sphenoidal sinusitis	ICD-10-CM	Diagnosis
J32.4	Chronic pansinusitis	ICD-10-CM	Diagnosis
J32.8	Other chronic sinusitis	ICD-10-CM	Diagnosis
J32.9	Chronic sinusitis, unspecified	ICD-10-CM	Diagnosis
Hepatitis A Immunization			
90632	Hepatitis A vaccine (HepA), adult dosage, for intramuscular use	CPT-4	Procedure
90633	Hepatitis A vaccine (HepA), pediatric/adolescent dosage-2 dose schedule, for intramuscu	CPT-4	Procedure

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Code	Description	Code Type	Code Category
90634	Hepatitis A vaccine (HepA), pediatric/adolescent dosage-3 dose schedule, for intramuscu	CPT-4	Procedure
90636	Hepatitis A and hepatitis B vaccine (HepA-HepB), adult dosage, for intramuscular use	CPT-4	Procedure
Hepatitis B Immunization			
90697	Diphtheria, tetanus toxoids, acellular pertussis vaccine, inactivated poliovirus vaccine, Haemophilus influenzae type b PRP-OMP conjugate vaccine, and hepatitis B vaccine (DTaP-IPV-Hib-HepB), for intramuscular use	CPT-4	Procedure
90748	Hepatitis B and Haemophilus influenzae type b vaccine (Hib-HepB), for intramuscular use	CPT-4	Procedure
90636	Hepatitis A and hepatitis B vaccine (HepA-HepB), adult dosage, for intramuscular use	CPT-4	Procedure
90723	Diphtheria, tetanus toxoids, acellular pertussis vaccine, hepatitis B, and inactivated polio	CPT-4	Procedure
90739	Hepatitis B vaccine (HepB), adult dosage, 2 dose schedule, for intramuscular use	CPT-4	Procedure
90740	Hepatitis B vaccine (HepB), dialysis or immunosuppressed patient dosage, 3 dose schedu	CPT-4	Procedure
90743	Hepatitis B vaccine (HepB), adolescent, 2 dose schedule, for intramuscular use	CPT-4	Procedure
90744	Hepatitis B vaccine (HepB), pediatric/adolescent dosage, 3 dose schedule, for intramuscu	CPT-4	Procedure
90746	Hepatitis B vaccine (HepB), adult dosage, 3 dose schedule, for intramuscular use	CPT-4	Procedure
90747	Hepatitis B vaccine (HepB), dialysis or immunosuppressed patient dosage, 4 dose schedu	CPT-4	Procedure
Diphtheria, Tetanus, Acellular Pertussis Immunization			
90696	Diphtheria, tetanus toxoids, acellular pertussis vaccine and inactivated poliovirus vaccine (DTaP-IPV), when administered to children 4 through 6 years of age, for intramuscular use	CPT-4	Procedure
90697	Diphtheria, tetanus toxoids, acellular pertussis vaccine, inactivated poliovirus vaccine, Haemophilus influenzae type b PRP-OMP conjugate vaccine, and hepatitis B vaccine (DTaP-IPV-Hib-HepB), for intramuscular use	CPT-4	Procedure
90698	Diphtheria, tetanus toxoids, acellular pertussis vaccine, Haemophilus influenzae type b, and inactivated poliovirus vaccine, (DTaP-IPV/Hib), for intramuscular use	CPT-4	Procedure
90700	Diphtheria, tetanus toxoids, and acellular pertussis vaccine (DTaP), when administered to individuals younger than 7 years, for intramuscular use	CPT-4	Procedure
90701	Diphtheria, tetanus toxoids, and whole cell pertussis vaccine (DTP), for intramuscular use	CPT-4	Procedure
90702	Diphtheria and tetanus toxoids adsorbed (DT) when administered to individuals younger than 7 years, for intramuscular use	CPT-4	Procedure
90714	Tetanus and diphtheria toxoids adsorbed (Td), preservative free, when administered to individuals 7 years or older, for intramuscular use	CPT-4	Procedure
90715	Tetanus, diphtheria toxoids and acellular pertussis vaccine (Tdap), when administered to individuals 7 years or older, for intramuscular use	CPT-4	Procedure
90718	Tetanus and diphtheria toxoids (Td) adsorbed when administered to individuals 7 years or older, for intramuscular use	CPT-4	Procedure
90719	Diphtheria toxoid, for intramuscular use	CPT-4	Procedure
90720	Diphtheria, tetanus toxoids, and whole cell pertussis vaccine and Haemophilus influenzae b vaccine (DTwP-Hib), for intramuscular use	CPT-4	Procedure

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Code	Description	Code Type	Code Category
90721	Diphtheria, tetanus toxoids, and acellular pertussis vaccine and Haemophilus influenzae b vaccine (DTaP/Hib), for intramuscular use	CPT-4	Procedure
90723	Diphtheria, tetanus toxoids, acellular pertussis vaccine, hepatitis B, and inactivated poliovirus vaccine (DTaP-HepB-IPV), for intramuscular use	CPT-4	Procedure
Haemophilus Influenza Type B Immunization			
90644	Meningococcal conjugate vaccine, serogroups C & Y and Haemophilus influenzae type b vaccine (Hib-MenCY), 4 dose schedule, when administered to children 6 weeks-18 months of age, for intramuscular use	CPT-4	Procedure
90645	Haemophilus influenzae b vaccine (Hib), HbOC conjugate (4 dose schedule), for intramuscular use	CPT-4	Procedure
90646	Haemophilus influenzae b vaccine (Hib), PRP-D conjugate, for booster use only, intramuscular use	CPT-4	Procedure
90647	Haemophilus influenzae type b vaccine (Hib), PRP-OMP conjugate, 3 dose schedule, for intramuscular use	CPT-4	Procedure
90648	Haemophilus influenzae type b vaccine (Hib), PRP-T conjugate, 4 dose schedule, for intramuscular use	CPT-4	Procedure
90697	Diphtheria, tetanus toxoids, acellular pertussis vaccine, inactivated poliovirus vaccine, Haemophilus influenzae type b PRP-OMP conjugate vaccine, and hepatitis B vaccine (DTaP-IPV-Hib-HepB), for intramuscular use	CPT-4	Procedure
90698	Diphtheria, tetanus toxoids, acellular pertussis vaccine, Haemophilus influenzae type b, and inactivated poliovirus vaccine, (DTaP-IPV/Hib), for intramuscular use	CPT-4	Procedure
90720	Diphtheria, tetanus toxoids, and whole cell pertussis vaccine and Haemophilus influenzae b vaccine (DTwP-Hib), for intramuscular use	CPT-4	Procedure
90721	Diphtheria, tetanus toxoids, and acellular pertussis vaccine and Haemophilus influenzae b vaccine (DTaP/Hib), for intramuscular use	CPT-4	Procedure
90748	Hepatitis B and Haemophilus influenzae type b vaccine (Hib-HepB), for intramuscular use	CPT-4	Procedure
Inactivated Poliovirus Immunization			
90697	Diphtheria, tetanus toxoids, acellular pertussis vaccine, inactivated poliovirus vaccine, Haemophilus influenzae type b PRP-OMP conjugate vaccine, and hepatitis B vaccine (DTaP-IPV-Hib-HepB), for intramuscular use	CPT-4	Procedure
90698	Diphtheria, tetanus toxoids, acellular pertussis vaccine, Haemophilus influenzae type b, and inactivated poliovirus vaccine, (DTaP-IPV/Hib), for intramuscular use	CPT-4	Procedure
90713	Poliovirus vaccine, inactivated (IPV), for subcutaneous or intramuscular use	CPT-4	Procedure
90696	Diphtheria, tetanus toxoids, acellular pertussis vaccine and inactivated poliovirus vaccine (DTaP-IPV), when administered to children 4 through 6 years of age, for intramuscular use	CPT-4	Procedure
90723	Diphtheria, tetanus toxoids, acellular pertussis vaccine, hepatitis B, and inactivated poliovirus vaccine (DTaP-HepB-IPV), for intramuscular use	CPT-4	Procedure
Influenza (Live Attenuated or Inactivated) Immunization			

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Code	Description	Code Type	Code Category
4037F	Influenza immunization ordered or administered (COPD, PV, CKD, ESRD)(IBD)	CPT-2	Procedure
4274F	Influenza immunization administered or previously received (HIV) (P-ESRD)	CPT-2	Procedure
90630	Influenza virus vaccine, quadrivalent (IIV4), split virus, preservative free, for intradermal use	CPT-4	Procedure
90653	Influenza vaccine, inactivated (IIV), subunit, adjuvanted, for intramuscular use	CPT-4	Procedure
90654	Influenza virus vaccine, trivalent (IIV3), split virus, preservative-free, for intradermal use	CPT-4	Procedure
90655	Influenza virus vaccine, trivalent (IIV3), split virus, preservative free, 0.25 mL dosage, for intramuscular use	CPT-4	Procedure
90656	Influenza virus vaccine, trivalent (IIV3), split virus, preservative free, 0.5 mL dosage, for intramuscular use	CPT-4	Procedure
90657	Influenza virus vaccine, trivalent (IIV3), split virus, 0.25 mL dosage, for intramuscular use	CPT-4	Procedure
90658	Influenza virus vaccine, trivalent (IIV3), split virus, 0.5 mL dosage, for intramuscular use	CPT-4	Procedure
90659	Influenza virus vaccine, whole virus, for intramuscular or jet injection use	CPT-4	Procedure
90660	Influenza virus vaccine, trivalent, live (LAIV3), for intranasal use	CPT-4	Procedure
90661	Influenza virus vaccine, trivalent (ccIIV3), derived from cell cultures, subunit, preservative and antibiotic free, 0.5 mL dosage, for intramuscular use	CPT-4	Procedure
90662	Influenza virus vaccine (IIV), split virus, preservative free, enhanced immunogenicity via increased antigen content, for intramuscular use	CPT-4	Procedure
90663	Influenza virus vaccine, pandemic formulation, H1N1	CPT-4	Procedure
90664	Influenza virus vaccine, live (LAIV), pandemic formulation, for intranasal use	CPT-4	Procedure
90666	Influenza virus vaccine (IIV), pandemic formulation, split virus, preservative free, for intramuscular use	CPT-4	Procedure
90667	Influenza virus vaccine (IIV), pandemic formulation, split virus, adjuvanted, for intramuscular use	CPT-4	Procedure
90668	Influenza virus vaccine (IIV), pandemic formulation, split virus, for intramuscular use	CPT-4	Procedure
90672	Influenza virus vaccine, quadrivalent, live (LAIV4), for intranasal use	CPT-4	Procedure
90673	Influenza virus vaccine, trivalent (RIV3), derived from recombinant DNA, hemagglutinin (HA) protein only, preservative and antibiotic free, for intramuscular use	CPT-4	Procedure
90674	Influenza virus vaccine, quadrivalent (ccIIV4), derived from cell cultures, subunit, preservative and antibiotic free, 0.5 mL dosage, for intramuscular use	CPT-4	Procedure
90682	Influenza virus vaccine, quadrivalent (RIV4), derived from recombinant DNA, hemagglutinin (HA) protein only, preservative and antibiotic free, for intramuscular use	CPT-4	Procedure
90685	Influenza virus vaccine, quadrivalent (IIV4), split virus, preservative free, 0.25 mL, for intramuscular use	CPT-4	Procedure
90686	Influenza virus vaccine, quadrivalent (IIV4), split virus, preservative free, 0.5 mL dosage, for intramuscular use	CPT-4	Procedure

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Code	Description	Code Type	Code Category
90687	Influenza virus vaccine, quadrivalent (IIV4), split virus, 0.25 mL dosage, for intramuscular use	CPT-4	Procedure
90688	Influenza virus vaccine, quadrivalent (IIV4), split virus, 0.5 mL dosage, for intramuscular use	CPT-4	Procedure
90689	Influenza virus vaccine quadrivalent (IIV4), inactivated, adjuvanted, preservative free, 0.25 mL dosage, for intramuscular use	CPT-4	Procedure
90694	Influenza virus vaccine, quadrivalent (aIIV4), inactivated, adjuvanted, preservative free, 0.5 mL dosage, for intramuscular use	CPT-4	Procedure
90756	Influenza virus vaccine, quadrivalent (ccIIV4), derived from cell cultures, subunit, antibiotic free, 0.5mL dosage, for intramuscular use	CPT-4	Procedure
G0008	Administration of influenza virus vaccine	HCPCS	Procedure
G2163	Patient received an influenza vaccine on or between July 1 of the year prior to the measurement period and June 30 of the measurement period	HCPCS	Procedure
G8108	Patient documented to have received influenza vaccination during influenza season	HCPCS	Procedure
G8482	Influenza immunization administered or previously received	HCPCS	Procedure
G8636	Influenza immunization administered or previously received	HCPCS	Procedure
G8639	Influenza immunization was administered or previously received	HCPCS	Procedure
G9141	Influenza A (H1N1) immunization administration (includes the physician counseling the patient/family)	HCPCS	Procedure
G9142	Influenza A (H1N1) vaccine, any route of administration	HCPCS	Procedure
Q0034	Administration of influenza vaccine to Medicare beneficiaries by participating demonstration sites	HCPCS	Procedure
Q2033	Influenza vaccine, recombinant hemagglutinin antigens, for intramuscular use (Flublok)	HCPCS	Procedure
Q2034	Influenza virus vaccine, split virus, for intramuscular use (Agriflu)	HCPCS	Procedure
Q2035	Influenza virus vaccine, split virus, when administered to individuals 3 years of age and older, for intramuscular use (AFLURIA)	HCPCS	Procedure
Q2036	Influenza virus vaccine, split virus, when administered to individuals 3 years of age and older, for intramuscular use (FLULAVAL)	HCPCS	Procedure
Q2037	Influenza virus vaccine, split virus, when administered to individuals 3 years of age and older, for intramuscular use (FLUVIRIN)	HCPCS	Procedure
Q2038	Influenza virus vaccine, split virus, when administered to individuals 3 years of age and older, for intramuscular use (Fluzone)	HCPCS	Procedure
Q2039	Influenza virus vaccine, not otherwise specified	HCPCS	Procedure
Measles, Mumps, Rubella Immunization			
99.48	Administration of measles-mumps-rubella vaccine	ICD-09-PCS	Procedure
90707	Measles, mumps and rubella virus vaccine (MMR), live, for subcutaneous use	CPT-4	Procedure
90709	Measles, mumps, rubella, and varicella vaccine (MMRV), live, for subcutaneous use	CPT-4	Procedure
90710	Measles, mumps, rubella, and varicella vaccine (MMRV), live, for subcutaneous use	CPT-4	Procedure
Meningococcal (A, C, W, Y) Immunization			

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Code	Description	Code Type	Code Category
90644	Meningococcal conjugate vaccine, serogroups C & Y and Haemophilus influenzae type b vaccine (Hib-MenCY), 4 dose schedule, when administered to children 6 weeks-18 months of age, for intramuscular use	CPT-4	Procedure
90734	Meningococcal conjugate vaccine, serogroups A, C, W, Y, quadrivalent, diphtheria toxoid carrier (MenACWY-D) or CRM197 carrier (MenACWY-CRM), for intramuscular use	CPT-4	Procedure
90644	Meningococcal conjugate vaccine, serogroups C & Y and Haemophilus influenzae type b vaccine (Hib-MenCY), 4 dose schedule, when administered to children 6 weeks-18 months of age, for intramuscular use	CPT-4	Procedure
90733	Meningococcal polysaccharide vaccine, serogroups A, C, Y, W-135, quadrivalent (MPSV4)	CPT-4	Procedure
90619	Meningococcal conjugate vaccine, serogroups A, C, W, Y, quadrivalent, tetanus toxoid carrier (MenACWY-TD), for intramuscular use	CPT-4	Procedure
90620	Meningococcal recombinant protein and outer membrane vesicle vaccine, serogroup B (MenB-OPV), for intramuscular use	CPT-4	Procedure
90621	Meningococcal recombinant lipoprotein vaccine, serogroup B (MenB-FHbp), 2 or 3 dose schedule, when administered to individuals 2 years of age or older, for intramuscular use	CPT-4	Procedure
G9414	Patient had one dose of meningococcal vaccine (serogroups a, c, w, y) on or between the	HCPCS	Procedure
Pneumococcal (PCV13 only) Immunization			
4040F	Pneumococcal vaccine administered or previously received (COPD) (PV), (IBD)	CPT-2	Procedure
4040F	Pneumococcal vaccine administered or previously received (COPD) (PV), (IBD)	CPT-2	Procedure
90669	Pneumococcal conjugate vaccine, 7 valent (PCV7), for intramuscular use	CPT-4	Procedure
90671	Pneumococcal conjugate vaccine, 15 valent (PCV15), for intramuscular use	CPT-4	Procedure
90677	Pneumococcal conjugate vaccine, 20 valent (PCV20), for intramuscular use	CPT-4	Procedure
90670	Pneumococcal conjugate vaccine, 13 valent (PCV13), for intramuscular use	CPT-4	Procedure
90732	Pneumococcal polysaccharide vaccine, 23-valent (PPSV23), adult or immunosuppressed patient dosage, when administered to individuals 2 years or older, for subcutaneous or intramuscular use	CPT-4	Procedure
S0195	Pneumococcal conjugate vaccine, polyvalent, intramuscular, for children from 5 years to 9 years of age who have not previously received the vaccine	HCPCS	Procedure
G0009	Administration of pneumococcal vaccine	HCPCS	Procedure
G8115	Patient documented to have received pneumococcal vaccination	HCPCS	Procedure
G8864	Pneumococcal vaccine administered or previously received	HCPCS	Procedure
S0195	Pneumococcal conjugate vaccine, polyvalent, intramuscular, for children from 5 years to 9 years of age who have not previously received the vaccine	HCPCS	Procedure
G0009	Administration of pneumococcal vaccine	HCPCS	Procedure
G8115	Patient documented to have received pneumococcal vaccination	HCPCS	Procedure
G8864	Pneumococcal vaccine administered or previously received	HCPCS	Procedure
Rotavirus Immunization			
90680	Rotavirus vaccine, pentavalent (RV5), 3 dose schedule, live, for oral use	CPT-4	Procedure
90681	Rotavirus vaccine, human, attenuated (RV1), 2 dose schedule, live, for oral use	CPT-4	Procedure
Varicella Immunization			
90709	Measles, mumps, rubella, and varicella vaccine (MMRV), live, for subcutaneous use	CPT-4	Procedure
90710	Measles, mumps, rubella, and varicella vaccine (MMRV), live, for subcutaneous use	CPT-4	Procedure
90716	Varicella virus vaccine (VAR), live, for subcutaneous use	CPT-4	Procedure
Encephalocele, Cranial Meningocele, Encephalomyelocele			
742.0	Encephalocele	ICD-09-CM	Diagnosis
Q01.0	Frontal encephalocele	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
Q01.1	Nasofrontal encephalocele	ICD-10-CM	Diagnosis
Q01.2	Occipital encephalocele	ICD-10-CM	Diagnosis
Q01.8	Encephalocele of other sites	ICD-10-CM	Diagnosis
Q01.9	Encephalocele, unspecified	ICD-10-CM	Diagnosis
Holoprosencephaly			
742.2	Congenital reduction deformities of brain	ICD-09-CM	Diagnosis
Q04.0	Congenital malformations of corpus callosum	ICD-10-CM	Diagnosis
Q04.1	Arhinencephaly	ICD-10-CM	Diagnosis
Q04.2	Holoprosencephaly	ICD-10-CM	Diagnosis
Q04.3	Other reduction deformities of brain	ICD-10-CM	Diagnosis
Microcephalus			
742.1	Microcephalus	ICD-09-CM	Diagnosis
Q02	Microcephaly	ICD-10-CM	Diagnosis
Spina Bifida			
741.0	Spina bifida with hydrocephalus	ICD-09-CM	Diagnosis
741.00	Spina bifida with hydrocephalus, unspecified region	ICD-09-CM	Diagnosis
741.01	Spina bifida with hydrocephalus, cervical region	ICD-09-CM	Diagnosis
741.02	Spina bifida with hydrocephalus, dorsal (thoracic) region	ICD-09-CM	Diagnosis
741.03	Spina bifida with hydrocephalus, lumbar region	ICD-09-CM	Diagnosis
741.9	Spina bifida without mention of hydrocephalus	ICD-09-CM	Diagnosis
741.90	Spina bifida without mention of hydrocephalus, unspecified region	ICD-09-CM	Diagnosis
741.91	Spina bifida without mention of hydrocephalus, cervical region	ICD-09-CM	Diagnosis
741.92	Spina bifida without mention of hydrocephalus, dorsal (thoracic) region	ICD-09-CM	Diagnosis
741.93	Spina bifida without mention of hydrocephalus, lumbar region	ICD-09-CM	Diagnosis
Q05.0	Cervical spina bifida with hydrocephalus	ICD-10-CM	Diagnosis
Q05.1	Thoracic spina bifida with hydrocephalus	ICD-10-CM	Diagnosis
Q05.2	Lumbar spina bifida with hydrocephalus	ICD-10-CM	Diagnosis
Q05.3	Sacral spina bifida with hydrocephalus	ICD-10-CM	Diagnosis
Q05.4	Unspecified spina bifida with hydrocephalus	ICD-10-CM	Diagnosis
Q05.5	Cervical spina bifida without hydrocephalus	ICD-10-CM	Diagnosis
Q05.6	Thoracic spina bifida without hydrocephalus	ICD-10-CM	Diagnosis
Q05.7	Lumbar spina bifida without hydrocephalus	ICD-10-CM	Diagnosis
Q05.8	Sacral spina bifida without hydrocephalus	ICD-10-CM	Diagnosis
Q05.9	Spina bifida, unspecified	ICD-10-CM	Diagnosis
Q07.00	Arnold-Chiari syndrome without spina bifida or hydrocephalus	ICD-10-CM	Diagnosis
Q07.01	Arnold-Chiari syndrome with spina bifida	ICD-10-CM	Diagnosis
Q07.02	Arnold-Chiari syndrome with hydrocephalus	ICD-10-CM	Diagnosis
Q07.03	Arnold-Chiari syndrome with spina bifida and hydrocephalus	ICD-10-CM	Diagnosis
Anophthalmia, Microphthalmia			
743.00	Unspecified clinical anophthalmos	ICD-09-CM	Diagnosis
743.10	Unspecified microphthalmos	ICD-09-CM	Diagnosis
743.11	Simple microphthalmos	ICD-09-CM	Diagnosis

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Code	Description	Code Type	Code Category
743.12	Microphthalmos associated with other anomalies of eye and adnexa	ICD-09-CM	Diagnosis
Q11.1	Other anophthalmos	ICD-10-CM	Diagnosis
Q11.2	Microphthalmos	ICD-10-CM	Diagnosis
Anotia, Microtia			
744.01	Congenital absence of external ear causing impairment of hearing	ICD-09-CM	Diagnosis
744.23	Microtia	ICD-09-CM	Diagnosis
Q16.0	Congenital absence of (ear) auricle	ICD-10-CM	Diagnosis
Q17.2	Microtia	ICD-10-CM	Diagnosis
Cataracts and Other Lens Defects			
743.2	Buphthalmos	ICD-09-CM	Diagnosis
743.20	Unspecified buphthalmos	ICD-09-CM	Diagnosis
743.21	Simple buphthalmos	ICD-09-CM	Diagnosis
743.22	Buphthalmos associated with other ocular anomaly	ICD-09-CM	Diagnosis
743.30	Unspecified congenital cataract	ICD-09-CM	Diagnosis
743.31	Congenital capsular and subcapsular cataract	ICD-09-CM	Diagnosis
743.32	Congenital cortical and zonular cataract	ICD-09-CM	Diagnosis
743.33	Congenital nuclear cataract	ICD-09-CM	Diagnosis
743.34	Congenital total and subtotal cataract	ICD-09-CM	Diagnosis
743.35	Congenital aphakia	ICD-09-CM	Diagnosis
743.36	Congenital anomalies of lens shape	ICD-09-CM	Diagnosis
Q12.0	Congenital cataract	ICD-10-CM	Diagnosis
Q12.2	Coloboma of lens	ICD-10-CM	Diagnosis
Q12.3	Congenital aphakia	ICD-10-CM	Diagnosis
Q12.4	Spherophakia	ICD-10-CM	Diagnosis
Q12.8	Other congenital lens malformations	ICD-10-CM	Diagnosis
Q15.0	Congenital glaucoma	ICD-10-CM	Diagnosis
Other Cardiac Defects: Septal Defects, Heterotaxy, Papvr			
745.8	Other bulbus cordis anomalies and anomalies of cardiac septal closure	ICD-09-CM	Diagnosis
745.9	Unspecified congenital defect of septal closure	ICD-09-CM	Diagnosis
747.42	Partial congenital anomalous pulmonary venous connection	ICD-09-CM	Diagnosis
759.3	Situs inversus	ICD-09-CM	Diagnosis
Q21.4	Aortopulmonary septal defect	ICD-10-CM	Diagnosis
Q21.8	Other congenital malformations of cardiac septa	ICD-10-CM	Diagnosis
Q21.9	Congenital malformation of cardiac septum, unspecified	ICD-10-CM	Diagnosis
Q26.3	Partial anomalous pulmonary venous connection	ICD-10-CM	Diagnosis
Q26.4	Anomalous pulmonary venous connection, unspecified	ICD-10-CM	Diagnosis
Q89.3	Situs inversus	ICD-10-CM	Diagnosis
Pulmonary Venous Return, Anomalous Coronary Artery			
747.41	Total congenital anomalous pulmonary venous connection	ICD-09-CM	Diagnosis
747.42	Partial congenital anomalous pulmonary venous connection	ICD-09-CM	Diagnosis
Q26.2	Total anomalous pulmonary venous connection	ICD-10-CM	Diagnosis
Q26.3	Partial anomalous pulmonary venous connection	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
Severe Cardiac Defects			
745.0	Bulbus cordis anomalies and anomalies of cardiac septal closure, common truncus	ICD-09-CM	Diagnosis
745.1	Transposition of great vessels	ICD-09-CM	Diagnosis
745.10	Complete transposition of great vessels	ICD-09-CM	Diagnosis
745.11	Transposition of great vessels, double outlet right ventricle	ICD-09-CM	Diagnosis
745.12	Corrected transposition of great vessels	ICD-09-CM	Diagnosis
745.19	Other transposition of great vessels	ICD-09-CM	Diagnosis
745.2	Tetralogy of Fallot	ICD-09-CM	Diagnosis
745.3	Bulbus cordis anomalies and anomalies of cardiac septal closure, common ventricle	ICD-09-CM	Diagnosis
745.6	Endocardial cushion defects	ICD-09-CM	Diagnosis
745.60	Unspecified type congenital endocardial cushion defect	ICD-09-CM	Diagnosis
745.61	Ostium primum defect	ICD-09-CM	Diagnosis
745.69	Other congenital endocardial cushion defect	ICD-09-CM	Diagnosis
745.7	Cor biloculare	ICD-09-CM	Diagnosis
746.00	Unspecified congenital pulmonary valve anomaly	ICD-09-CM	Diagnosis
746.01	Congenital atresia of pulmonary valve	ICD-09-CM	Diagnosis
746.1	Congenital tricuspid atresia and stenosis	ICD-09-CM	Diagnosis
746.2	Ebstein's anomaly	ICD-09-CM	Diagnosis
746.3	Congenital stenosis of aortic valve	ICD-09-CM	Diagnosis
746.7	Hypoplastic left heart syndrome	ICD-09-CM	Diagnosis
746.85	Congenital coronary artery anomaly	ICD-09-CM	Diagnosis
747.1	Coarctation of aorta	ICD-09-CM	Diagnosis
747.10	Coarctation of aorta (preductal) (postductal)	ICD-09-CM	Diagnosis
747.11	Congenital interruption of aortic arch	ICD-09-CM	Diagnosis
747.22	Congenital atresia and stenosis of aorta	ICD-09-CM	Diagnosis
747.41	Total congenital anomalous pulmonary venous connection	ICD-09-CM	Diagnosis
745.4	Ventricular septal defect	ICD-09-CM	Diagnosis
Q20.0	Common arterial trunk	ICD-10-CM	Diagnosis
Q20.1	Double outlet right ventricle	ICD-10-CM	Diagnosis
Q20.2	Double outlet left ventricle	ICD-10-CM	Diagnosis
Q20.3	Discordant ventriculoarterial connection	ICD-10-CM	Diagnosis
Q20.4	Double inlet ventricle	ICD-10-CM	Diagnosis
Q20.5	Discordant atrioventricular connection	ICD-10-CM	Diagnosis
Q20.8	Other congenital malformations of cardiac chambers and connections	ICD-10-CM	Diagnosis
Q21.2	Atrioventricular septal defect	ICD-10-CM	Diagnosis
Q21.3	Tetralogy of Fallot	ICD-10-CM	Diagnosis
Q22.0	Pulmonary valve atresia	ICD-10-CM	Diagnosis
Q22.3	Other congenital malformations of pulmonary valve	ICD-10-CM	Diagnosis
Q22.4	Congenital tricuspid stenosis	ICD-10-CM	Diagnosis
Q22.5	Ebstein's anomaly	ICD-10-CM	Diagnosis
Q22.6	Hypoplastic right heart syndrome	ICD-10-CM	Diagnosis
Q22.8	Other congenital malformations of tricuspid valve	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
Q22.9	Congenital malformation of tricuspid valve, unspecified	ICD-10-CM	Diagnosis
Q23.0	Congenital stenosis of aortic valve	ICD-10-CM	Diagnosis
Q23.4	Hypoplastic left heart syndrome	ICD-10-CM	Diagnosis
Q24.5	Malformation of coronary vessels	ICD-10-CM	Diagnosis
Q25.1	Coarctation of aorta	ICD-10-CM	Diagnosis
Q25.21	Interruption of aortic arch	ICD-10-CM	Diagnosis
Q25.29	Other atresia of aorta	ICD-10-CM	Diagnosis
Q25.3	Supravalvular aortic stenosis	ICD-10-CM	Diagnosis
Q26.2	Total anomalous pulmonary venous connection	ICD-10-CM	Diagnosis
I27.83	Eisenmenger's syndrome	ICD-10-CM	Diagnosis
Q20.6	Isomerism of atrial appendages	ICD-10-CM	Diagnosis
Q20.8	Other congenital malformations of cardiac chambers and connections	ICD-10-CM	Diagnosis
Q21.0	Ventricular septal defect	ICD-10-CM	Diagnosis
Choanal Atresia/Stenosis			
748.0	Congenital choanal atresia	ICD-09-CM	Diagnosis
Q30.0	Choanal atresia	ICD-10-CM	Diagnosis
Cleft Palate/Lip			
749.0	Cleft palate	ICD-09-CM	Diagnosis
749.00	Unspecified cleft palate	ICD-09-CM	Diagnosis
749.01	Unilateral cleft palate, complete	ICD-09-CM	Diagnosis
749.02	Unilateral cleft palate, incomplete	ICD-09-CM	Diagnosis
749.03	Bilateral cleft palate, complete	ICD-09-CM	Diagnosis
749.04	Bilateral cleft palate, incomplete	ICD-09-CM	Diagnosis
749.1	Cleft lip	ICD-09-CM	Diagnosis
749.10	Unspecified cleft lip	ICD-09-CM	Diagnosis
749.11	Unilateral cleft lip, complete	ICD-09-CM	Diagnosis
749.12	Unilateral cleft lip, incomplete	ICD-09-CM	Diagnosis
749.13	Bilateral cleft lip, complete	ICD-09-CM	Diagnosis
749.14	Bilateral cleft lip, incomplete	ICD-09-CM	Diagnosis
749.2	Cleft palate with cleft lip	ICD-09-CM	Diagnosis
749.20	Unspecified cleft palate with cleft lip	ICD-09-CM	Diagnosis
749.21	Unilateral cleft palate with cleft lip, complete	ICD-09-CM	Diagnosis
749.22	Unilateral cleft palate with cleft lip, incomplete	ICD-09-CM	Diagnosis
749.23	Bilateral cleft palate with cleft lip, complete	ICD-09-CM	Diagnosis
749.24	Bilateral cleft palate with cleft lip, incomplete	ICD-09-CM	Diagnosis
749.25	Other combinations of cleft palate with cleft lip	ICD-09-CM	Diagnosis
Q35.1	Cleft hard palate	ICD-10-CM	Diagnosis
Q35.3	Cleft soft palate	ICD-10-CM	Diagnosis
Q35.5	Cleft hard palate with cleft soft palate	ICD-10-CM	Diagnosis
Q35.7	Cleft uvula	ICD-10-CM	Diagnosis
Q35.9	Cleft palate, unspecified	ICD-10-CM	Diagnosis
Q36.0	Cleft lip, bilateral	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
Q36.1	Cleft lip, median	ICD-10-CM	Diagnosis
Q36.9	Cleft lip, unilateral	ICD-10-CM	Diagnosis
Q37.0	Cleft hard palate with bilateral cleft lip	ICD-10-CM	Diagnosis
Q37.1	Cleft hard palate with unilateral cleft lip	ICD-10-CM	Diagnosis
Q37.2	Cleft soft palate with bilateral cleft lip	ICD-10-CM	Diagnosis
Q37.3	Cleft soft palate with unilateral cleft lip	ICD-10-CM	Diagnosis
Q37.4	Cleft hard and soft palate with bilateral cleft lip	ICD-10-CM	Diagnosis
Q37.5	Cleft hard and soft palate with unilateral cleft lip	ICD-10-CM	Diagnosis
Q37.8	Unspecified cleft palate with bilateral cleft lip	ICD-10-CM	Diagnosis
Q37.9	Unspecified cleft palate with unilateral cleft lip	ICD-10-CM	Diagnosis
Biliary Atresia			
751.61	Congenital biliary atresia	ICD-09-CM	Diagnosis
Q44.2	Atresia of bile ducts	ICD-10-CM	Diagnosis
Q44.3	Congenital stenosis and stricture of bile ducts	ICD-10-CM	Diagnosis
Esophageal Atresia and Tracheoesophageal Fistula			
750.3	Congenital tracheoesophageal fistula, esophageal atresia and stenosis	ICD-09-CM	Diagnosis
Q39.0	Atresia of esophagus without fistula	ICD-10-CM	Diagnosis
Q39.1	Atresia of esophagus with tracheo-esophageal fistula	ICD-10-CM	Diagnosis
Q39.2	Congenital tracheo-esophageal fistula without atresia	ICD-10-CM	Diagnosis
Q39.3	Congenital stenosis and stricture of esophagus	ICD-10-CM	Diagnosis
Q39.4	Esophageal web	ICD-10-CM	Diagnosis
Exstrophy, Bladder			
753.5	Exstrophy of urinary bladder	ICD-09-CM	Diagnosis
Q64.10	Exstrophy of urinary bladder, unspecified	ICD-10-CM	Diagnosis
Q64.11	Supravesical fissure of urinary bladder	ICD-10-CM	Diagnosis
Q64.12	Cloacal exstrophy of urinary bladder	ICD-10-CM	Diagnosis
Q64.19	Other exstrophy of urinary bladder	ICD-10-CM	Diagnosis
Intestinal Atresia/Stenosis			
751.1	Congenital atresia and stenosis of small intestine	ICD-09-CM	Diagnosis
751.2	Congenital atresia and stenosis of large intestine, rectum, and anal canal	ICD-09-CM	Diagnosis
Q41.0	Congenital absence, atresia and stenosis of duodenum	ICD-10-CM	Diagnosis
Q41.1	Congenital absence, atresia and stenosis of jejunum	ICD-10-CM	Diagnosis
Q41.2	Congenital absence, atresia and stenosis of ileum	ICD-10-CM	Diagnosis
Q41.8	Congenital absence, atresia and stenosis of other specified parts of small intestine	ICD-10-CM	Diagnosis
Q41.9	Congenital absence, atresia and stenosis of small intestine, part unspecified	ICD-10-CM	Diagnosis
Q42.0	Congenital absence, atresia and stenosis of rectum with fistula	ICD-10-CM	Diagnosis
Q42.1	Congenital absence, atresia and stenosis of rectum without fistula	ICD-10-CM	Diagnosis
Q42.2	Congenital absence, atresia and stenosis of anus with fistula	ICD-10-CM	Diagnosis
Q42.3	Congenital absence, atresia and stenosis of anus without fistula	ICD-10-CM	Diagnosis
Q42.8	Congenital absence, atresia and stenosis of other parts of large intestine	ICD-10-CM	Diagnosis
Q42.9	Congenital absence, atresia and stenosis of large intestine, part unspecified	ICD-10-CM	Diagnosis
Pyloric Stenosis			

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Code	Description	Code Type	Code Category
750.5	Congenital hypertrophic pyloric stenosis	ICD-09-CM	Diagnosis
Q40.0	Congenital hypertrophic pyloric stenosis	ICD-10-CM	Diagnosis
Congenital Hydronephrosis			
753.2	Congenital obstructive defects of renal pelvis and ureter	ICD-09-CM	Diagnosis
753.20	Unspecified obstructive defect of renal pelvis and ureter	ICD-09-CM	Diagnosis
753.21	Congenital obstruction of ureteropelvic junction	ICD-09-CM	Diagnosis
753.22	Congenital obstruction of ureterovesical junction	ICD-09-CM	Diagnosis
753.23	Congenital ureterocele	ICD-09-CM	Diagnosis
753.29	Other obstructive defect of renal pelvis and ureter	ICD-09-CM	Diagnosis
Q62.0	Congenital hydronephrosis	ICD-10-CM	Diagnosis
Q62.10	Congenital occlusion of ureter, unspecified	ICD-10-CM	Diagnosis
Q62.11	Congenital occlusion of ureteropelvic junction	ICD-10-CM	Diagnosis
Q62.12	Congenital occlusion of ureterovesical orifice	ICD-10-CM	Diagnosis
Q62.2	Congenital megaureter	ICD-10-CM	Diagnosis
Q62.31	Congenital ureterocele, orthotopic	ICD-10-CM	Diagnosis
Q62.32	Cecoureterocele	ICD-10-CM	Diagnosis
Q62.39	Other obstructive defects of renal pelvis and ureter	ICD-10-CM	Diagnosis
Hypospadias — Second or Third Degree			
752.61	Hypospadias	ICD-09-CM	Diagnosis
Q54.0	Hypospadias, balanic	ICD-10-CM	Diagnosis
Q54.1	Hypospadias, penile	ICD-10-CM	Diagnosis
Q54.2	Hypospadias, penoscrotal	ICD-10-CM	Diagnosis
Q54.3	Hypospadias, perineal	ICD-10-CM	Diagnosis
Q54.8	Other hypospadias	ICD-10-CM	Diagnosis
Q54.9	Hypospadias, unspecified	ICD-10-CM	Diagnosis
Posterior Urethral Valve/and/or Prune Belly			
756.71	Prune belly syndrome	ICD-09-CM	Diagnosis
Q79.4	Prune belly syndrome	ICD-10-CM	Diagnosis
Q79.51	Congenital hernia of bladder	ICD-10-CM	Diagnosis
Renal Agenesis/Hypoplasia			
753.0	Congenital renal agenesis and dysgenesis	ICD-09-CM	Diagnosis
Q60.0	Renal agenesis, unilateral	ICD-10-CM	Diagnosis
Q60.1	Renal agenesis, bilateral	ICD-10-CM	Diagnosis
Q60.2	Renal agenesis, unspecified	ICD-10-CM	Diagnosis
Q60.3	Renal hypoplasia, unilateral	ICD-10-CM	Diagnosis
Q60.4	Renal hypoplasia, bilateral	ICD-10-CM	Diagnosis
Q60.5	Renal hypoplasia, unspecified	ICD-10-CM	Diagnosis
Q60.6	Potter's syndrome	ICD-10-CM	Diagnosis
Renal Dysplasia			
753.15	Congenital renal dysplasia	ICD-09-CM	Diagnosis
Q61.4	Renal dysplasia	ICD-10-CM	Diagnosis
Diaphragmatic Hernia			

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Code	Description	Code Type	Code Category
756.6	Congenital anomaly of diaphragm	ICD-09-CM	Diagnosis
Q79.0	Congenital diaphragmatic hernia	ICD-10-CM	Diagnosis
Q79.1	Other congenital malformations of diaphragm	ICD-10-CM	Diagnosis
Gastroschisis or Omphalocele			
756.72	Omphalocele	ICD-09-CM	Diagnosis
756.73	Gastroschisis	ICD-09-CM	Diagnosis
756.79	Other congenital anomalies of abdominal wall	ICD-09-CM	Diagnosis
Q79.2	Exomphalos	ICD-10-CM	Diagnosis
Q79.3	Gastroschisis	ICD-10-CM	Diagnosis
Q79.59	Other congenital malformations of abdominal wall	ICD-10-CM	Diagnosis
Limb Deficiency			
755.2	Congenital reduction deformities of upper limb	ICD-09-CM	Diagnosis
755.3	Congenital reduction deformities of lower limb	ICD-09-CM	Diagnosis
755.4	Congenital reduction deformities, unspecified limb	ICD-09-CM	Diagnosis
755.5	Other congenital anomalies of upper limb, including shoulder girdle	ICD-09-CM	Diagnosis
755.6	Other congenital anomaly of lower limb, including pelvic girdle	ICD-09-CM	Diagnosis
755.8	Other specified congenital anomalies of unspecified limb	ICD-09-CM	Diagnosis
755.9	Unspecified congenital anomaly of unspecified limb	ICD-09-CM	Diagnosis
Q73.0	Congenital absence of unspecified limb(s)	ICD-10-CM	Diagnosis
Q73.1	Phocomelia, unspecified limb(s)	ICD-10-CM	Diagnosis
Q73.8	Other reduction defects of unspecified limb(s)	ICD-10-CM	Diagnosis
Q74.8	Other specified congenital malformations of limb(s)	ICD-10-CM	Diagnosis
Q74.9	Unspecified congenital malformation of limb(s)	ICD-10-CM	Diagnosis
Sacral Agenesis			
756.13	Congenital absence of vertebra	ICD-09-CM	Diagnosis
Q76.49	Other congenital malformations of spine, not associated with scoliosis	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
641.01	Placenta previa without hemorrhage, with delivery	ICD-9-CM	Diagnosis
641.11	Hemorrhage from placenta previa, with delivery	ICD-9-CM	Diagnosis
641.21	Premature separation of placenta, with delivery	ICD-9-CM	Diagnosis
641.31	Antepartum hemorrhage associated with coagulation defects, with delivery	ICD-9-CM	Diagnosis
641.81	Other antepartum hemorrhage, with delivery	ICD-9-CM	Diagnosis
641.91	Unspecified antepartum hemorrhage, with delivery	ICD-9-CM	Diagnosis
642.01	Benign essential hypertension with delivery	ICD-9-CM	Diagnosis
642.02	Benign essential hypertension, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
642.11	Hypertension secondary to renal disease, with delivery	ICD-9-CM	Diagnosis
642.12	Hypertension secondary to renal disease, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
642.21	Other pre-existing hypertension, with delivery	ICD-9-CM	Diagnosis
642.22	Other pre-existing hypertension, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
642.31	Transient hypertension of pregnancy, with delivery	ICD-9-CM	Diagnosis
642.32	Transient hypertension of pregnancy, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
642.41	Mild or unspecified pre-eclampsia, with delivery	ICD-9-CM	Diagnosis
642.42	Mild or unspecified pre-eclampsia, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
642.51	Severe pre-eclampsia, with delivery	ICD-9-CM	Diagnosis
642.52	Severe pre-eclampsia, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
642.61	Eclampsia, with delivery	ICD-9-CM	Diagnosis
642.62	Eclampsia, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
642.71	Pre-eclampsia or eclampsia superimposed on pre-existing hypertension, with delivery	ICD-9-CM	Diagnosis
642.72	Pre-eclampsia or eclampsia superimposed on pre-existing hypertension, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
642.91	Unspecified hypertension, with delivery	ICD-9-CM	Diagnosis
642.92	Unspecified hypertension, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
643.01	Mild hyperemesis gravidarum, delivered	ICD-9-CM	Diagnosis
643.11	Hyperemesis gravidarum with metabolic disturbance, delivered	ICD-9-CM	Diagnosis
643.21	Late vomiting of pregnancy, delivered	ICD-9-CM	Diagnosis
643.81	Other vomiting complicating pregnancy, delivered	ICD-9-CM	Diagnosis
643.91	Unspecified vomiting of pregnancy, delivered	ICD-9-CM	Diagnosis
644.21	Early onset of delivery, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
645.01	Prolonged pregnancy, with delivery	ICD-9-CM	Diagnosis
645.11	Post term pregnancy, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
645.21	Prolonged pregnancy, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
646.01	Papyraceous fetus, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
646.11	Edema or excessive weight gain in pregnancy, with delivery, with or without mention of antepartum complication	ICD-9-CM	Diagnosis
646.12	Edema or excessive weight gain in pregnancy, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
646.21	Unspecified renal disease in pregnancy, with delivery	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
646.22	Unspecified renal disease in pregnancy, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
646.31	Pregnancy complication, recurrent pregnancy loss, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
646.41	Peripheral neuritis in pregnancy, with delivery	ICD-9-CM	Diagnosis
646.42	Peripheral neuritis in pregnancy, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
646.51	Asymptomatic bacteriuria in pregnancy, with delivery	ICD-9-CM	Diagnosis
646.52	Asymptomatic bacteriuria in pregnancy, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
646.61	Infections of genitourinary tract in pregnancy, with delivery	ICD-9-CM	Diagnosis
646.62	Infections of genitourinary tract in pregnancy, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
646.71	Liver and biliary tract disorders in pregnancy, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
646.81	Other specified complication of pregnancy, with delivery	ICD-9-CM	Diagnosis
646.82	Other specified complications of pregnancy, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
646.91	Unspecified complication of pregnancy, with delivery	ICD-9-CM	Diagnosis
647.01	Maternal syphilis, complicating pregnancy, with delivery	ICD-9-CM	Diagnosis
647.02	Maternal syphilis, complicating pregnancy, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
647.11	Maternal gonorrhea with delivery	ICD-9-CM	Diagnosis
647.12	Maternal gonorrhea, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
647.21	Other maternal venereal diseases with delivery	ICD-9-CM	Diagnosis
647.22	Other maternal venereal diseases with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
647.31	Maternal tuberculosis with delivery	ICD-9-CM	Diagnosis
647.32	Maternal tuberculosis with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
647.41	Maternal malaria with delivery	ICD-9-CM	Diagnosis
647.42	Maternal malaria with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
647.51	Maternal rubella with delivery	ICD-9-CM	Diagnosis
647.52	Maternal rubella with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
647.61	Other maternal viral disease with delivery	ICD-9-CM	Diagnosis
647.62	Other maternal viral disease with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
647.81	Other specified maternal infectious and parasitic disease with delivery	ICD-9-CM	Diagnosis
647.82	Other specified maternal infectious and parasitic disease with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
647.91	Unspecified maternal infection or infestation with delivery	ICD-9-CM	Diagnosis
647.92	Unspecified maternal infection or infestation with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
648.01	Maternal diabetes mellitus with delivery	ICD-9-CM	Diagnosis
648.02	Maternal diabetes mellitus with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
648.11	Maternal thyroid dysfunction with delivery, with or without mention of antepartum conc	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
648.12	Maternal thyroid dysfunction with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
648.21	Maternal anemia, with delivery	ICD-9-CM	Diagnosis
648.22	Maternal anemia with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
648.31	Maternal drug dependence, with delivery	ICD-9-CM	Diagnosis
648.32	Maternal drug dependence, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
648.41	Maternal mental disorders, with delivery	ICD-9-CM	Diagnosis
648.42	Maternal mental disorders, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
648.51	Maternal congenital cardiovascular disorders, with delivery	ICD-9-CM	Diagnosis
648.52	Maternal congenital cardiovascular disorders, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
648.61	Other maternal cardiovascular diseases, with delivery	ICD-9-CM	Diagnosis
648.62	Other maternal cardiovascular diseases, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
648.71	Bone and joint disorders of maternal back, pelvis, and lower limbs, with delivery	ICD-9-CM	Diagnosis
648.72	Bone and joint disorders of maternal back, pelvis, and lower limbs, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
648.81	Abnormal maternal glucose tolerance, with delivery	ICD-9-CM	Diagnosis
648.82	Abnormal maternal glucose tolerance, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
648.91	Other current maternal conditions classifiable elsewhere, with delivery	ICD-9-CM	Diagnosis
648.92	Other current maternal conditions classifiable elsewhere, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
649.01	Tobacco use disorder complicating pregnancy, childbirth, or the puerperium, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
649.02	Tobacco use disorder complicating pregnancy, childbirth, or the puerperium, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
649.11	Obesity complicating pregnancy, childbirth, or the puerperium, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
649.12	Obesity complicating pregnancy, childbirth, or the puerperium, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
649.21	Bariatric surgery status complicating pregnancy, childbirth, or the puerperium, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
649.22	Bariatric surgery status complicating pregnancy, childbirth, or the puerperium, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
649.31	Coagulation defects complicating pregnancy, childbirth, or the puerperium, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
649.32	Coagulation defects complicating pregnancy, childbirth, or the puerperium, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
649.41	Epilepsy complicating pregnancy, childbirth, or the puerperium, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
649.42	Epilepsy complicating pregnancy, childbirth, or the puerperium, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
649.51	Spotting complicating pregnancy, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
649.61	Uterine size date discrepancy, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
649.62	Uterine size date discrepancy, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
649.71	Cervical shortening, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
649.81	Onset (spontaneous) of labor after 37 completed weeks of gestation but before 39 completed weeks gestation, with delivery by (planned) cesarean section, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
649.82	Onset (spontaneous) of labor after 37 completed weeks of gestation but before 39 completed weeks gestation, with delivery by (planned) cesarean section, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
650	Normal delivery	ICD-9-CM	Diagnosis
651.01	Twin pregnancy, delivered	ICD-9-CM	Diagnosis
651.11	Triplet pregnancy, delivered	ICD-9-CM	Diagnosis
651.21	Quadruplet pregnancy, delivered	ICD-9-CM	Diagnosis
651.31	Twin pregnancy with fetal loss and retention of one fetus, delivered	ICD-9-CM	Diagnosis
651.41	Triplet pregnancy with fetal loss and retention of one or more, delivered	ICD-9-CM	Diagnosis
651.51	Quadruplet pregnancy with fetal loss and retention of one or more, delivered	ICD-9-CM	Diagnosis
651.61	Other multiple pregnancy with fetal loss and retention of one or more fetus(es), delivered	ICD-9-CM	Diagnosis
651.71	Multiple gestation following (elective) fetal reduction, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
651.81	Other specified multiple gestation, delivered	ICD-9-CM	Diagnosis
651.91	Unspecified multiple gestation, delivered	ICD-9-CM	Diagnosis
652.01	Unstable lie of fetus, delivered	ICD-9-CM	Diagnosis
652.11	Breech or other malpresentation successfully converted to cephalic presentation, delivered	ICD-9-CM	Diagnosis
652.21	Breech presentation without mention of version, delivered	ICD-9-CM	Diagnosis
652.31	Transverse or oblique fetal presentation, delivered	ICD-9-CM	Diagnosis
652.41	Fetal face or brow presentation, delivered	ICD-9-CM	Diagnosis
652.51	High fetal head at term, delivered	ICD-9-CM	Diagnosis
652.61	Multiple gestation with malpresentation of one fetus or more, delivered	ICD-9-CM	Diagnosis
652.71	Prolapsed arm of fetus, delivered	ICD-9-CM	Diagnosis
652.81	Other specified malposition or malpresentation of fetus, delivered	ICD-9-CM	Diagnosis
652.91	Unspecified malposition or malpresentation of fetus, delivered	ICD-9-CM	Diagnosis
653.01	Major abnormality of bony pelvis, not further specified, delivered	ICD-9-CM	Diagnosis
653.11	Generally contracted pelvis in pregnancy, delivered	ICD-9-CM	Diagnosis
653.21	Inlet contraction of pelvis in pregnancy, delivered	ICD-9-CM	Diagnosis
653.31	Outlet contraction of pelvis in pregnancy, delivered	ICD-9-CM	Diagnosis
653.41	Fetopelvic disproportion, delivered	ICD-9-CM	Diagnosis
653.51	Unusually large fetus causing disproportion, delivered	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
653.61	Hydrocephalic fetus causing disproportion, delivered	ICD-9-CM	Diagnosis
653.71	Other fetal abnormality causing disproportion, delivered	ICD-9-CM	Diagnosis
653.81	Fetal disproportion of other origin, delivered	ICD-9-CM	Diagnosis
653.91	Unspecified fetal disproportion, delivered	ICD-9-CM	Diagnosis
654.01	Congenital abnormalities of pregnant uterus, delivered	ICD-9-CM	Diagnosis
654.02	Congenital abnormalities of pregnant uterus, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
654.11	Tumors of body of uterus, delivered	ICD-9-CM	Diagnosis
654.12	Tumors of body of uterus, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
654.21	Previous cesarean delivery, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
654.31	Retroverted and incarcerated gravid uterus, delivered	ICD-9-CM	Diagnosis
654.32	Retroverted and incarcerated gravid uterus, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
654.41	Other abnormalities in shape or position of gravid uterus and of neighboring structures, delivered	ICD-9-CM	Diagnosis
654.42	Other abnormalities in shape or position of gravid uterus and of neighboring structures, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
654.51	Cervical incompetence, delivered	ICD-9-CM	Diagnosis
654.52	Cervical incompetence, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
654.61	Other congenital or acquired abnormality of cervix, with delivery	ICD-9-CM	Diagnosis
654.62	Other congenital or acquired abnormality of cervix, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
654.71	Congenital or acquired abnormality of vagina, with delivery	ICD-9-CM	Diagnosis
654.72	Congenital or acquired abnormality of vagina, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
654.81	Congenital or acquired abnormality of vulva, with delivery	ICD-9-CM	Diagnosis
654.82	Congenital or acquired abnormality of vulva, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
654.91	Other and unspecified abnormality of organs and soft tissues of pelvis, with delivery	ICD-9-CM	Diagnosis
654.92	Other and unspecified abnormality of organs and soft tissues of pelvis, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
655.01	Central nervous system malformation in fetus, with delivery	ICD-9-CM	Diagnosis
655.11	Chromosomal abnormality in fetus, affecting management of mother, with delivery	ICD-9-CM	Diagnosis
655.21	Hereditary disease in family possibly affecting fetus, affecting management of mother, with delivery	ICD-9-CM	Diagnosis
655.31	Suspected damage to fetus from viral disease in mother, affecting management of mother, with delivery	ICD-9-CM	Diagnosis
655.41	Suspected damage to fetus from other disease in mother, affecting management of mother, with delivery	ICD-9-CM	Diagnosis
655.51	Suspected damage to fetus from drugs, affecting management of mother, delivered	ICD-9-CM	Diagnosis
655.61	Suspected damage to fetus from radiation, affecting management of mother, delivered	ICD-9-CM	Diagnosis
655.71	Decreased fetal movements, affecting management of mother, delivered	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
655.81	Other known or suspected fetal abnormality, not elsewhere classified, affecting management of mother, delivery	ICD-9-CM	Diagnosis
655.91	Unspecified fetal abnormality affecting management of mother, delivery	ICD-9-CM	Diagnosis
656.01	Fetal-maternal hemorrhage, with delivery	ICD-9-CM	Diagnosis
656.11	Rhesus isoimmunization affecting management of mother, delivered	ICD-9-CM	Diagnosis
656.21	Isoimmunization from other and unspecified blood-group incompatibility, affecting management of mother, delivered	ICD-9-CM	Diagnosis
656.31	Fetal distress affecting management of mother, delivered	ICD-9-CM	Diagnosis
656.41	Intrauterine death affecting management of mother, delivered	ICD-9-CM	Diagnosis
656.51	Poor fetal growth, affecting management of mother, delivered	ICD-9-CM	Diagnosis
656.61	Excessive fetal growth affecting management of mother, delivered	ICD-9-CM	Diagnosis
656.71	Other placental conditions affecting management of mother, delivered	ICD-9-CM	Diagnosis
656.81	Other specified fetal and placental problems affecting management of mother, delivered	ICD-9-CM	Diagnosis
656.91	Unspecified fetal and placental problem affecting management of mother, delivered	ICD-9-CM	Diagnosis
657.01	Polyhydramnios, with delivery	ICD-9-CM	Diagnosis
658.01	Oligohydramnios, delivered	ICD-9-CM	Diagnosis
658.11	Premature rupture of membranes in pregnancy, delivered	ICD-9-CM	Diagnosis
658.21	Delayed delivery after spontaneous or unspecified rupture of membranes, delivered	ICD-9-CM	Diagnosis
658.31	Delayed delivery after artificial rupture of membranes, delivered	ICD-9-CM	Diagnosis
658.41	Infection of amniotic cavity, delivered	ICD-9-CM	Diagnosis
658.81	Other problem associated with amniotic cavity and membranes, delivered	ICD-9-CM	Diagnosis
658.91	Unspecified problem associated with amniotic cavity and membranes, delivered	ICD-9-CM	Diagnosis
659.01	Failed mechanical induction of labor, delivered	ICD-9-CM	Diagnosis
659.11	Failed medical or unspecified induction of labor, delivered	ICD-9-CM	Diagnosis
659.21	Unspecified maternal pyrexia during labor, delivered	ICD-9-CM	Diagnosis
659.31	Generalized infection during labor, delivered	ICD-9-CM	Diagnosis
659.41	Grand multiparity, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
659.51	Elderly primigravida, delivered	ICD-9-CM	Diagnosis
659.61	Elderly multigravida, delivered, with mention of antepartum condition	ICD-9-CM	Diagnosis
659.71	Abnormality in fetal heart rate or rhythm, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
659.81	Other specified indication for care or intervention related to labor and delivery, delivered	ICD-9-CM	Diagnosis
659.91	Unspecified indication for care or intervention related to labor and delivery, delivered	ICD-9-CM	Diagnosis
660.01	Obstruction caused by malposition of fetus at onset of labor, delivered	ICD-9-CM	Diagnosis
660.11	Obstruction by bony pelvis during labor and delivery, delivered	ICD-9-CM	Diagnosis
660.21	Obstruction by abnormal pelvic soft tissues during labor and delivery, delivered	ICD-9-CM	Diagnosis
660.31	Deep transverse arrest and persistent occipitoposterior position during labor and deliver, delivered	ICD-9-CM	Diagnosis
660.41	Shoulder (girdle) dystocia during labor and deliver, delivered	ICD-9-CM	Diagnosis
660.51	Locked twins, delivered	ICD-9-CM	Diagnosis
660.61	Unspecified failed trial of labor, delivered	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
660.71	Unspecified failed forceps or vacuum extractor, delivered	ICD-9-CM	Diagnosis
660.81	Other causes of obstructed labor, delivered	ICD-9-CM	Diagnosis
660.91	Unspecified obstructed labor, with delivery	ICD-9-CM	Diagnosis
661.01	Primary uterine inertia, with delivery	ICD-9-CM	Diagnosis
661.11	Secondary uterine inertia, with delivery	ICD-9-CM	Diagnosis
661.21	Other and unspecified uterine inertia, with delivery	ICD-9-CM	Diagnosis
661.31	Precipitate labor, with delivery	ICD-9-CM	Diagnosis
661.41	Hypertonic, incoordinate, or prolonged uterine contractions, with delivery	ICD-9-CM	Diagnosis
661.91	Unspecified abnormality of labor, with delivery	ICD-9-CM	Diagnosis
662.01	Prolonged first stage of labor, delivered	ICD-9-CM	Diagnosis
662.11	Unspecified prolonged labor, delivered	ICD-9-CM	Diagnosis
662.21	Prolonged second stage of labor, delivered	ICD-9-CM	Diagnosis
662.31	Delayed delivery of second twin, triplet, etc., delivered	ICD-9-CM	Diagnosis
663.01	Prolapse of cord, complicating labor and delivery, delivered	ICD-9-CM	Diagnosis
663.11	Cord around neck, with compression, complicating labor and delivery, delivered	ICD-9-CM	Diagnosis
663.21	Other and unspecified cord entanglement, with compression, complicating labor and delivery, delivered	ICD-9-CM	Diagnosis
663.31	Other and unspecified cord entanglement, without mention of compression, complicating labor and delivery, delivered	ICD-9-CM	Diagnosis
663.41	Short cord complicating labor and delivery, delivered	ICD-9-CM	Diagnosis
663.51	Vasa previa complicating labor and delivery, delivered	ICD-9-CM	Diagnosis
663.61	Vascular lesions of cord complicating labor and delivery, delivered	ICD-9-CM	Diagnosis
663.81	Other umbilical cord complications during labor and delivery, delivered	ICD-9-CM	Diagnosis
663.91	Unspecified umbilical cord complication during labor and delivery, delivered	ICD-9-CM	Diagnosis
664.01	First-degree perineal laceration, with delivery	ICD-9-CM	Diagnosis
664.11	Second-degree perineal laceration, with delivery	ICD-9-CM	Diagnosis
664.21	Third-degree perineal laceration, with delivery	ICD-9-CM	Diagnosis
664.31	Fourth-degree perineal laceration, with delivery	ICD-9-CM	Diagnosis
664.41	Unspecified perineal laceration, with delivery	ICD-9-CM	Diagnosis
664.51	Vulvar and perineal hematoma, with delivery	ICD-9-CM	Diagnosis
664.61	Anal sphincter tear complicating delivery, not associated with third-degree perineal laceration, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
664.81	Other specified trauma to perineum and vulva, with delivery	ICD-9-CM	Diagnosis
664.91	Unspecified trauma to perineum and vulva, with delivery	ICD-9-CM	Diagnosis
665.01	Rupture of uterus before onset of labor, with delivery	ICD-9-CM	Diagnosis
665.11	Rupture of uterus during labor, with delivery	ICD-9-CM	Diagnosis
665.22	Inversion of uterus, delivered with postpartum complication	ICD-9-CM	Diagnosis
665.31	Laceration of cervix, with delivery	ICD-9-CM	Diagnosis
665.41	High vaginal laceration, with delivery	ICD-9-CM	Diagnosis
665.51	Other injury to pelvic organs, with delivery	ICD-9-CM	Diagnosis
665.61	Damage to pelvic joints and ligaments, with delivery	ICD-9-CM	Diagnosis
665.71	Pelvic hematoma, with delivery	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
665.72	Pelvic hematoma, delivered with postpartum complication	ICD-9-CM	Diagnosis
665.81	Other specified obstetrical trauma, with delivery	ICD-9-CM	Diagnosis
665.82	Other specified obstetrical trauma, delivered, with postpartum	ICD-9-CM	Diagnosis
665.91	Unspecified obstetrical trauma, with delivery	ICD-9-CM	Diagnosis
665.92	Unspecified obstetrical trauma, delivered, with postpartum complication	ICD-9-CM	Diagnosis
666.02	Third-stage postpartum hemorrhage, with delivery	ICD-9-CM	Diagnosis
666.12	Other immediate postpartum hemorrhage, with delivery	ICD-9-CM	Diagnosis
666.22	Delayed and secondary postpartum hemorrhage, with delivery	ICD-9-CM	Diagnosis
666.32	Postpartum coagulation defects, with delivery	ICD-9-CM	Diagnosis
667.02	Retained placenta without hemorrhage, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
667.12	Retained portions of placenta or membranes, without hemorrhage, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
668.01	Pulmonary complications of the administration of anesthesia or other sedation in labor and delivery, delivered	ICD-9-CM	Diagnosis
668.02	Pulmonary complications of the administration of anesthesia or other sedation in labor and delivery, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
668.11	Cardiac complications of the administration of anesthesia or other sedation in labor and delivery, delivered	ICD-9-CM	Diagnosis
668.12	Cardiac complications of the administration of anesthesia or other sedation in labor and delivery, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
668.21	Central nervous system complications of the administration of anesthesia or other sedation in labor and delivery, delivered	ICD-9-CM	Diagnosis
668.22	Central nervous system complications of the administration of anesthesia or other sedation in labor and delivery, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
668.81	Other complications of the administration of anesthesia or other sedation in labor and delivery, delivered	ICD-9-CM	Diagnosis
668.82	Other complications of the administration of anesthesia or other sedation in labor and delivery, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
668.91	Unspecified complication of the administration of anesthesia or other sedation in labor and delivery, delivered	ICD-9-CM	Diagnosis
668.92	Unspecified complication of the administration of anesthesia or other sedation in labor and delivery, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
669.01	Maternal distress, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
669.02	Maternal distress, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
669.11	Shock during or following labor and delivery, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
669.12	Shock during or following labor and delivery, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
669.21	Maternal hypotension syndrome, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
669.22	Maternal hypotension syndrome, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
669.32	Acute kidney failure following labor and delivery, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
669.41	Other complications of obstetrical surgery and procedures, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
669.42	Other complications of obstetrical surgery and procedures, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
669.51	Forceps or vacuum extractor delivery without mention of indication, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
669.61	Breech extraction, without mention of indication, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
669.71	Cesarean delivery, without mention of indication, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
669.81	Other complication of labor and delivery, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
669.82	Other complication of labor and delivery, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
669.91	Unspecified complication of labor and delivery, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
669.92	Unspecified complication of labor and delivery, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
670.02	Major puerperal infection, unspecified, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
670.12	Puerperal endometritis, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
670.22	Puerperal sepsis, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
670.32	Puerperal septic thrombophlebitis, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
670.82	Other major puerperal infection, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
671.01	Varicose veins of legs, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
671.02	Varicose veins of legs, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
671.11	Varicose veins of vulva and perineum, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
671.12	Varicose veins of vulva and perineum, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
671.21	Superficial thrombophlebitis with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
671.22	Superficial thrombophlebitis with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
671.31	Deep phlebothrombosis, antepartum, with delivery	ICD-9-CM	Diagnosis
671.42	Deep phlebothrombosis, postpartum, with delivery	ICD-9-CM	Diagnosis
671.51	Other phlebitis and thrombosis with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
671.52	Other phlebitis and thrombosis with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
671.81	Other venous complication, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
671.82	Other venous complication, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
671.91	Unspecified venous complication, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
671.92	Unspecified venous complication, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
672.02	Puerperal pyrexia of unknown origin, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
673.01	Obstetrical air embolism, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
673.02	Obstetrical air embolism, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
673.11	Amniotic fluid embolism, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
673.12	Amniotic fluid embolism, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
673.21	Obstetrical blood-clot embolism, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
673.22	Obstetrical blood-clot embolism, with mention of postpartum complication	ICD-9-CM	Diagnosis
673.31	Obstetrical pyemic and septic embolism, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
673.32	Obstetrical pyemic and septic embolism, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
673.81	Other obstetrical pulmonary embolism, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
673.82	Other obstetrical pulmonary embolism, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
674.01	Cerebrovascular disorder, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
674.02	Cerebrovascular disorder, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
674.12	Disruption of cesarean wound, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
674.22	Disruption of perineal wound, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
674.32	Other complication of obstetrical surgical wounds, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
674.42	Placental polyp, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
674.51	Peripartum cardiomyopathy, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
674.52	Peripartum cardiomyopathy, delivered, with mention of postpartum condition	ICD-9-CM	Diagnosis
674.82	Other complication of puerperium, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
674.92	Unspecified complications of puerperium, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
675.01	Infection of nipple associated with childbirth, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
675.02	Infection of nipple associated with childbirth, delivered with mention of postpartum complication	ICD-9-CM	Diagnosis
675.11	Abscess of breast associated with childbirth, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
675.12	Abscess of breast associated with childbirth, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
675.21	Nonpurulent mastitis, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
675.22	Nonpurulent mastitis, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
675.81	Other specified infection of the breast and nipple associated with childbirth, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
675.82	Other specified infection of the breast and nipple associated with childbirth, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
675.91	Unspecified infection of the breast and nipple, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
675.92	Unspecified infection of the breast and nipple, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
676.01	Retracted nipple, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
676.02	Retracted nipple, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
676.11	Cracked nipple, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
676.12	Cracked nipple, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
676.21	Engorgement of breasts, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
676.22	Engorgement of breasts, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
676.31	Other and unspecified disorder of breast associated with childbirth, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
676.32	Other and unspecified disorder of breast associated with childbirth, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
676.41	Failure of lactation, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
676.42	Failure of lactation, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
676.51	Suppressed lactation, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
676.52	Suppressed lactation, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
676.61	Galactorrhea, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
676.62	Galactorrhea, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
676.81	Other disorder of lactation, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
676.82	Other disorder of lactation, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
676.91	Unspecified disorder of lactation, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
676.92	Unspecified disorder of lactation, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
678.01	Fetal hematologic conditions, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
678.11	Fetal conjoined twins, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
679.01	Maternal complications from in utero procedure, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
679.02	Maternal complications from in utero procedure, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
679.11	Fetal complications from in utero procedure, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
679.12	Fetal complications from in utero procedure, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
763.0	Fetus or newborn affected by breech delivery and extraction	ICD-9-CM	Diagnosis
763.2	Fetus or newborn affected by forceps delivery	ICD-9-CM	Diagnosis
763.3	Fetus or newborn affected by delivery by vacuum extractor	ICD-9-CM	Diagnosis
763.4	Fetus or newborn affected by cesarean delivery	ICD-9-CM	Diagnosis
763.6	Fetus or newborn affected by precipitate delivery	ICD-9-CM	Diagnosis
768.0	Fetal death from asphyxia or anoxia before onset of labor or at unspecified time	ICD-9-CM	Diagnosis
768.1	Fetal death from asphyxia or anoxia during labor	ICD-9-CM	Diagnosis
V27	Outcome of delivery	ICD-9-CM	Diagnosis
V27.0	Outcome of delivery, single liveborn	ICD-9-CM	Diagnosis
V27.1	Outcome of delivery, single stillborn	ICD-9-CM	Diagnosis
V27.2	Outcome of delivery, twins, both liveborn	ICD-9-CM	Diagnosis
V27.3	Outcome of delivery, twins, one liveborn and one stillborn	ICD-9-CM	Diagnosis
V27.4	Outcome of delivery, twins, both stillborn	ICD-9-CM	Diagnosis
V27.5	Outcome of delivery, other multiple birth, all liveborn	ICD-9-CM	Diagnosis
V27.6	Outcome of delivery, other multiple birth, some liveborn	ICD-9-CM	Diagnosis
V27.7	Outcome of delivery, other multiple birth, all stillborn	ICD-9-CM	Diagnosis
V27.9	Outcome of delivery, unspecified	ICD-9-CM	Diagnosis
V30	Single liveborn	ICD-9-CM	Diagnosis
V30.0	Single liveborn, born in hospital	ICD-9-CM	Diagnosis
V30.00	Single liveborn, born in hospital, delivered without mention of cesarean delivery	ICD-9-CM	Diagnosis
V30.01	Single liveborn, born in hospital, delivered by cesarean delivery	ICD-9-CM	Diagnosis
V30.1	Single liveborn, born before admission to hospital	ICD-9-CM	Diagnosis
V30.2	Single liveborn, born outside hospital and not hospitalized	ICD-9-CM	Diagnosis
V31	Twin birth, mate liveborn	ICD-9-CM	Diagnosis
V31.0	Twin, mate liveborn, born in hospital	ICD-9-CM	Diagnosis
V31.00	Twin, mate liveborn, born in hospital, delivered without mention of cesarean delivery	ICD-9-CM	Diagnosis
V31.01	Twin, mate liveborn, born in hospital, delivered by cesarean delivery	ICD-9-CM	Diagnosis
V31.1	Twin birth, mate liveborn, born before admission to hospital	ICD-9-CM	Diagnosis
V31.2	Twin birth, mate liveborn, born outside hospital and not hospitalized	ICD-9-CM	Diagnosis
V32	Twin birth, mate stillborn	ICD-9-CM	Diagnosis
V32.0	Twin, mate stillborn, born in hospital	ICD-9-CM	Diagnosis
V32.00	Twin, mate stillborn, born in hospital, delivered without mention of cesarean delivery	ICD-9-CM	Diagnosis
V32.01	Twin, mate stillborn, born in hospital, delivered by cesarean delivery	ICD-9-CM	Diagnosis
V32.1	Twin birth, mate stillborn, born before admission to hospital	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
V32.2	Twin birth, mate stillborn, born outside hospital and not hospitalized	ICD-9-CM	Diagnosis
V33	Twin birth, unspecified whether mate liveborn or stillborn	ICD-9-CM	Diagnosis
V33.0	Twin, unspecified, born in hospital	ICD-9-CM	Diagnosis
V33.00	Twin, unspecified whether mate stillborn or liveborn, born in hospital, delivered without mention of cesarean delivery	ICD-9-CM	Diagnosis
V33.01	Twin, unspecified whether mate stillborn or liveborn, born in hospital, delivered by cesarean delivery	ICD-9-CM	Diagnosis
V33.1	Twin birth, unspecified whether mate liveborn or stillborn, born before admission to hospital	ICD-9-CM	Diagnosis
V33.2	Twin birth, unspecified whether mate liveborn or stillborn, born outside hospital and not hospitalized	ICD-9-CM	Diagnosis
V34	Other multiple birth (three or more), mates all liveborn	ICD-9-CM	Diagnosis
V34.0	Other multiple, mates all liveborn, born in hospital	ICD-9-CM	Diagnosis
V34.00	Other multiple, mates all liveborn, born in hospital, delivered without mention of cesarean delivery	ICD-9-CM	Diagnosis
V34.01	Other multiple, mates all liveborn, born in hospital, delivered by cesarean delivery	ICD-9-CM	Diagnosis
V34.1	Other multiple birth (three or more), mates all liveborn, born before admission to hospital	ICD-9-CM	Diagnosis
V34.2	Other multiple birth (three or more), mates all liveborn, born outside hospital and not hospitalized	ICD-9-CM	Diagnosis
V35	Other multiple birth (three or more), mates all stillborn	ICD-9-CM	Diagnosis
V35.0	Other multiple, mates all stillborn, born in hospital	ICD-9-CM	Diagnosis
V35.00	Other multiple, mates all stillborn, born in hospital, delivered without mention of cesarean delivery	ICD-9-CM	Diagnosis
V35.01	Other multiple, mates all stillborn, born in hospital, delivered by cesarean delivery	ICD-9-CM	Diagnosis
V35.1	Other multiple birth (three or more), mates all stillborn, born before admission to hospital	ICD-9-CM	Diagnosis
V35.2	Other multiple birth (three or more), mates all stillborn, born outside of hospital and not hospitalized	ICD-9-CM	Diagnosis
V36	Other multiple birth (three or more), mates liveborn and stillborn	ICD-9-CM	Diagnosis
V36.0	Other multiple, mates liveborn and stillborn, born in hospital	ICD-9-CM	Diagnosis
V36.00	Other multiple, mates liveborn and stillborn, born in hospital, delivered without mention of cesarean delivery	ICD-9-CM	Diagnosis
V36.01	Other multiple, mates liveborn and stillborn, born in hospital, delivered by cesarean delivery	ICD-9-CM	Diagnosis
V36.1	Other multiple birth (three or more), mates liveborn and stillborn, born before admission to hospital	ICD-9-CM	Diagnosis
V36.2	Other multiple birth (three or more), mates liveborn and stillborn, born outside hospital and not hospitalized	ICD-9-CM	Diagnosis
V37	Other multiple birth (three or more), unspecified whether mates liveborn or stillborn	ICD-9-CM	Diagnosis
V37.0	Other multiple, unspecified whether mates stillborn or liveborn, born in hospital	ICD-9-CM	Diagnosis

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Code	Description	Code Type	Code Category
V37.00	Other multiple, unspecified whether mates stillborn or liveborn, born in hospital, delivered without mention of cesarean delivery	ICD-9-CM	Diagnosis
V37.01	Other multiple, unspecified whether mates stillborn or liveborn, born in hospital, delivered by cesarean delivery	ICD-9-CM	Diagnosis
V37.1	Other multiple birth (three or more), unspecified whether mates liveborn or stillborn, born before admission to hospital	ICD-9-CM	Diagnosis
V37.2	Other multiple birth (three or more), unspecified whether mates liveborn or stillborn, born outside of hospital	ICD-9-CM	Diagnosis
V39	Liveborn, unspecified whether single, twin, or multiple	ICD-9-CM	Diagnosis
V39.0	Other liveborn, unspecified whether single, twin, or multiple, born in hospital	ICD-9-CM	Diagnosis
V39.00	Liveborn infant, unspecified whether single, twin, or multiple, born in hospital, delivered without mention of cesarean delivery	ICD-9-CM	Diagnosis
V39.01	Liveborn infant, unspecified whether single, twin, or multiple, born in hospital, delivered by cesarean	ICD-9-CM	Diagnosis
V39.1	Liveborn, unspecified whether single, twin or multiple, born before admission to hospital	ICD-9-CM	Diagnosis
V39.2	Liveborn, unspecified whether single, twin or multiple, born outside hospital and not hospitalized	ICD-9-CM	Diagnosis
73.0	Artificial rupture of membranes	ICD-9-CM	Procedure
72.5	Breech extraction	ICD-9-CM	Procedure
74.4	Cesarean section of other specified type	ICD-9-CM	Procedure
74.9	Cesarean section of unspecified type	ICD-9-CM	Procedure
74.0	Classical cesarean section	ICD-9-CM	Procedure
73.6	Episiotomy	ICD-9-CM	Procedure
73.91	External version to assist delivery	ICD-9-CM	Procedure
74.2	Extraperitoneal cesarean section	ICD-9-CM	Procedure
73.3	Failed forceps	ICD-9-CM	Procedure
72.6	Forceps application to aftercoming head	ICD-9-CM	Procedure
72.4	Forceps rotation of fetal head	ICD-9-CM	Procedure
72	Forceps, vacuum, and breech delivery	ICD-9-CM	Procedure
72.3	High forceps operation	ICD-9-CM	Procedure
72.31	High forceps operation with episiotomy	ICD-9-CM	Procedure
73.93	Incision of cervix to assist delivery	ICD-9-CM	Procedure
73.01	Induction of labor by artificial rupture of membranes	ICD-9-CM	Procedure
73.2	Internal and combined version and extraction	ICD-9-CM	Procedure
73.22	Internal and combined version with extraction	ICD-9-CM	Procedure
73.21	Internal and combined version without extraction	ICD-9-CM	Procedure
74.1	Low cervical cesarean section	ICD-9-CM	Procedure
72.0	Low forceps operation	ICD-9-CM	Procedure
72.1	Low forceps operation with episiotomy	ICD-9-CM	Procedure
73.51	Manual rotation of fetal head	ICD-9-CM	Procedure
73.5	Manually assisted delivery	ICD-9-CM	Procedure

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Code	Description	Code Type	Code Category
73.4	Medical induction of labor	ICD-9-CM	Procedure
72.2	Mid forceps operation	ICD-9-CM	Procedure
72.21	Mid forceps operation with episiotomy	ICD-9-CM	Procedure
73.8	Operations on fetus to facilitate delivery	ICD-9-CM	Procedure
73.09	Other artificial rupture of membranes	ICD-9-CM	Procedure
74.99	Other cesarean section of unspecified type	ICD-9-CM	Procedure
72.39	Other high forceps operation	ICD-9-CM	Procedure
73.59	Other manually assisted delivery	ICD-9-CM	Procedure
72.29	Other mid forceps operation	ICD-9-CM	Procedure
73.9	Other operations assisting delivery	ICD-9-CM	Procedure
73.99	Other operations to assist delivery	ICD-9-CM	Procedure
72.52	Other partial breech extraction	ICD-9-CM	Procedure
73	Other procedures inducing or assisting delivery	ICD-9-CM	Procedure
72.8	Other specified instrumental delivery	ICD-9-CM	Procedure
73.1	Other surgical induction of labor	ICD-9-CM	Procedure
72.54	Other total breech extraction	ICD-9-CM	Procedure
72.79	Other vacuum extraction	ICD-9-CM	Procedure
72.51	Partial breech extraction with forceps to aftercoming head	ICD-9-CM	Procedure
73.94	Pubiotomy to assist delivery	ICD-9-CM	Procedure
73.92	Replacement of prolapsed umbilical cord	ICD-9-CM	Procedure
72.53	Total breech extraction with forceps to aftercoming head	ICD-9-CM	Procedure
72.9	Unspecified instrumental delivery	ICD-9-CM	Procedure
72.7	Vacuum extraction	ICD-9-CM	Procedure
72.71	Vacuum extraction with episiotomy	ICD-9-CM	Procedure
O10.02	Pre-existing essential hypertension complicating childbirth	ICD-10-CM	Diagnosis
O10.12	Pre-existing hypertensive heart disease complicating childbirth	ICD-10-CM	Diagnosis
O10.22	Pre-existing hypertensive chronic kidney disease complicating childbirth	ICD-10-CM	Diagnosis
O10.32	Pre-existing hypertensive heart and chronic kidney disease complicating childbirth	ICD-10-CM	Diagnosis
O10.42	Pre-existing secondary hypertension complicating childbirth	ICD-10-CM	Diagnosis
O14.94	Unspecified pre-eclampsia, complicating childbirth	ICD-10-CM	Diagnosis
O11.4	Pre-existing hypertension with pre-eclampsia, complicating childbirth	ICD-10-CM	Diagnosis
O12.04	Gestational edema, complicating childbirth	ICD-10-CM	Diagnosis
O12.14	Gestational proteinuria, complicating childbirth	ICD-10-CM	Diagnosis
O12.24	Gestational edema with proteinuria, complicating childbirth	ICD-10-CM	Diagnosis
O13.4	Gestational [pregnancy-induced] hypertension without significant proteinuria, complicating childbirth	ICD-10-CM	Diagnosis
O14.04	Mild to moderate pre-eclampsia, complicating childbirth	ICD-10-CM	Diagnosis
O14.14	Severe pre-eclampsia complicating childbirth	ICD-10-CM	Diagnosis
O14.24	HELLP syndrome, complicating childbirth	ICD-10-CM	Diagnosis
O14.94	Unspecified pre-eclampsia, complicating childbirth	ICD-10-CM	Diagnosis
O16.4	Unspecified maternal hypertension, complicating childbirth	ICD-10-CM	Diagnosis
O24.02	Pre-existing type 1 diabetes mellitus, in childbirth	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O24.12	Pre-existing type 2 diabetes mellitus, in childbirth	ICD-10-CM	Diagnosis
O24.32	Unspecified pre-existing diabetes mellitus in childbirth	ICD-10-CM	Diagnosis
O24.420	Gestational diabetes mellitus in childbirth, diet controlled	ICD-10-CM	Diagnosis
O24.424	Gestational diabetes mellitus in childbirth, insulin controlled	ICD-10-CM	Diagnosis
O60.12X2	Preterm labor second trimester with preterm delivery second trimester, fetus 2	ICD-10-CM	Diagnosis
O60.12X3	Preterm labor second trimester with preterm delivery second trimester, fetus 3	ICD-10-CM	Diagnosis
O60.12X4	Preterm labor second trimester with preterm delivery second trimester, fetus 4	ICD-10-CM	Diagnosis
O24.92	Unspecified diabetes mellitus in childbirth	ICD-10-CM	Diagnosis
O25.2	Malnutrition in childbirth	ICD-10-CM	Diagnosis
O60.13X0	Preterm labor second trimester with preterm delivery third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O60.13X1	Preterm labor second trimester with preterm delivery third trimester, fetus 1	ICD-10-CM	Diagnosis
O60.12X0	Preterm labor second trimester with preterm delivery second trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O60.13X3	Preterm labor second trimester with preterm delivery third trimester, fetus 3	ICD-10-CM	Diagnosis
O60.13X4	Preterm labor second trimester with preterm delivery third trimester, fetus 4	ICD-10-CM	Diagnosis
O60.12X3	Preterm labor second trimester with preterm delivery second trimester, fetus 3	ICD-10-CM	Diagnosis
O60.13X9	Preterm labor second trimester with preterm delivery third trimester, other fetus	ICD-10-CM	Diagnosis
O60.14X0	Preterm labor third trimester with preterm delivery third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O60.14X1	Preterm labor third trimester with preterm delivery third trimester, fetus 1	ICD-10-CM	Diagnosis
O60.14X2	Preterm labor third trimester with preterm delivery third trimester, fetus 2	ICD-10-CM	Diagnosis
O60.14X3	Preterm labor third trimester with preterm delivery third trimester, fetus 3	ICD-10-CM	Diagnosis
O60.14X4	Preterm labor third trimester with preterm delivery third trimester, fetus 4	ICD-10-CM	Diagnosis
O60.14X5	Preterm labor third trimester with preterm delivery third trimester, fetus 5	ICD-10-CM	Diagnosis
O60.14X9	Preterm labor third trimester with preterm delivery third trimester, other fetus	ICD-10-CM	Diagnosis
O60.22X0	Term delivery with preterm labor, second trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O60.13X9	Preterm labor second trimester with preterm delivery third trimester, other fetus	ICD-10-CM	Diagnosis
O60.22X2	Term delivery with preterm labor, second trimester, fetus 2	ICD-10-CM	Diagnosis
O60.14X1	Preterm labor third trimester with preterm delivery third trimester, fetus 1	ICD-10-CM	Diagnosis
O60.14X2	Preterm labor third trimester with preterm delivery third trimester, fetus 2	ICD-10-CM	Diagnosis
O60.14X3	Preterm labor third trimester with preterm delivery third trimester, fetus 3	ICD-10-CM	Diagnosis
O60.22X9	Term delivery with preterm labor, second trimester, other fetus	ICD-10-CM	Diagnosis
O60.14X5	Preterm labor third trimester with preterm delivery third trimester, fetus 5	ICD-10-CM	Diagnosis
O60.23X1	Term delivery with preterm labor, third trimester, fetus 1	ICD-10-CM	Diagnosis
O60.23X2	Term delivery with preterm labor, third trimester, fetus 2	ICD-10-CM	Diagnosis
O60.22X1	Term delivery with preterm labor, second trimester, fetus 1	ICD-10-CM	Diagnosis
O60.23X4	Term delivery with preterm labor, third trimester, fetus 4	ICD-10-CM	Diagnosis
O60.22X3	Term delivery with preterm labor, second trimester, fetus 3	ICD-10-CM	Diagnosis
O60.22X4	Term delivery with preterm labor, second trimester, fetus 4	ICD-10-CM	Diagnosis
O60.22X5	Term delivery with preterm labor, second trimester, fetus 5	ICD-10-CM	Diagnosis
O60.22X9	Term delivery with preterm labor, second trimester, other fetus	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O67.8	Other intrapartum hemorrhage	ICD-10-CM	Diagnosis
O60.23X1	Term delivery with preterm labor, third trimester, fetus 1	ICD-10-CM	Diagnosis
O68	Labor and delivery complicated by abnormality of fetal acid-base balance	ICD-10-CM	Diagnosis
O60.23X3	Term delivery with preterm labor, third trimester, fetus 3	ICD-10-CM	Diagnosis
O60.23X4	Term delivery with preterm labor, third trimester, fetus 4	ICD-10-CM	Diagnosis
O60.23X5	Term delivery with preterm labor, third trimester, fetus 5	ICD-10-CM	Diagnosis
O60.23X9	Term delivery with preterm labor, third trimester, other fetus	ICD-10-CM	Diagnosis
O69.0XX4	Labor and delivery complicated by prolapse of cord, fetus 4	ICD-10-CM	Diagnosis
O67.0	Intrapartum hemorrhage with coagulation defect	ICD-10-CM	Diagnosis
O67.8	Other intrapartum hemorrhage	ICD-10-CM	Diagnosis
O67.9	Intrapartum hemorrhage, unspecified	ICD-10-CM	Diagnosis
O68	Labor and delivery complicated by abnormality of fetal acid-base balance	ICD-10-CM	Diagnosis
O69.0XX0	Labor and delivery complicated by prolapse of cord, not applicable or unspecified	ICD-10-CM	Diagnosis
O69.0XX1	Labor and delivery complicated by prolapse of cord, fetus 1	ICD-10-CM	Diagnosis
O69.0XX2	Labor and delivery complicated by prolapse of cord, fetus 2	ICD-10-CM	Diagnosis
O69.0XX3	Labor and delivery complicated by prolapse of cord, fetus 3	ICD-10-CM	Diagnosis
O69.1XX9	Labor and delivery complicated by cord around neck, with compression, other fetus	ICD-10-CM	Diagnosis
O69.2XX0	Labor and delivery complicated by other cord entanglement, with compression, not applicable or unspecified	ICD-10-CM	Diagnosis
O69.0XX9	Labor and delivery complicated by prolapse of cord, other fetus	ICD-10-CM	Diagnosis
O69.2XX2	Labor and delivery complicated by other cord entanglement, with compression, fetus 2	ICD-10-CM	Diagnosis
O69.2XX3	Labor and delivery complicated by other cord entanglement, with compression, fetus 3	ICD-10-CM	Diagnosis
O69.2XX4	Labor and delivery complicated by other cord entanglement, with compression, fetus 4	ICD-10-CM	Diagnosis
O69.2XX5	Labor and delivery complicated by other cord entanglement, with compression, fetus 5	ICD-10-CM	Diagnosis
O69.2XX9	Labor and delivery complicated by other cord entanglement, with compression, other fetus	ICD-10-CM	Diagnosis
O69.1XX5	Labor and delivery complicated by cord around neck, with compression, fetus 5	ICD-10-CM	Diagnosis
O69.3XX1	Labor and delivery complicated by short cord, fetus 1	ICD-10-CM	Diagnosis
O69.3XX2	Labor and delivery complicated by short cord, fetus 2	ICD-10-CM	Diagnosis
O69.2XX1	Labor and delivery complicated by other cord entanglement, with compression, fetus 1	ICD-10-CM	Diagnosis
O69.2XX2	Labor and delivery complicated by other cord entanglement, with compression, fetus 2	ICD-10-CM	Diagnosis
O69.2XX3	Labor and delivery complicated by other cord entanglement, with compression, fetus 3	ICD-10-CM	Diagnosis
O69.2XX4	Labor and delivery complicated by other cord entanglement, with compression, fetus 4	ICD-10-CM	Diagnosis
O69.2XX5	Labor and delivery complicated by other cord entanglement, with compression, fetus 5	ICD-10-CM	Diagnosis
O69.2XX9	Labor and delivery complicated by other cord entanglement, with compression, other fetus	ICD-10-CM	Diagnosis
O69.3XX0	Labor and delivery complicated by short cord, not applicable or unspecified	ICD-10-CM	Diagnosis
O69.3XX1	Labor and delivery complicated by short cord, fetus 1	ICD-10-CM	Diagnosis
O69.3XX2	Labor and delivery complicated by short cord, fetus 2	ICD-10-CM	Diagnosis
O69.3XX3	Labor and delivery complicated by short cord, fetus 3	ICD-10-CM	Diagnosis
O69.3XX4	Labor and delivery complicated by short cord, fetus 4	ICD-10-CM	Diagnosis
O69.3XX5	Labor and delivery complicated by short cord, fetus 5	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O69.3XX9	Labor and delivery complicated by short cord, other fetus	ICD-10-CM	Diagnosis
O69.4XX3	Labor and delivery complicated by vasa previa, fetus 3	ICD-10-CM	Diagnosis
O69.4XX1	Labor and delivery complicated by vasa previa, fetus 1	ICD-10-CM	Diagnosis
O69.4XX5	Labor and delivery complicated by vasa previa, fetus 5	ICD-10-CM	Diagnosis
O69.4XX9	Labor and delivery complicated by vasa previa, other fetus	ICD-10-CM	Diagnosis
O69.5XX0	Labor and delivery complicated by vascular lesion of cord, not applicable or unspecified	ICD-10-CM	Diagnosis
O69.4XX5	Labor and delivery complicated by vasa previa, fetus 5	ICD-10-CM	Diagnosis
O69.5XX2	Labor and delivery complicated by vascular lesion of cord, fetus 2	ICD-10-CM	Diagnosis
O69.5XX0	Labor and delivery complicated by vascular lesion of cord, not applicable or unspecified	ICD-10-CM	Diagnosis
O69.5XX1	Labor and delivery complicated by vascular lesion of cord, fetus 1	ICD-10-CM	Diagnosis
O69.5XX5	Labor and delivery complicated by vascular lesion of cord, fetus 5	ICD-10-CM	Diagnosis
O69.5XX9	Labor and delivery complicated by vascular lesion of cord, other fetus	ICD-10-CM	Diagnosis
O69.81X0	Labor and delivery complicated by cord around neck, without compression, not applicable or unspecified	ICD-10-CM	Diagnosis
O69.81X1	Labor and delivery complicated by cord around neck, without compression, fetus 1	ICD-10-CM	Diagnosis
O69.81X2	Labor and delivery complicated by cord around neck, without compression, fetus 2	ICD-10-CM	Diagnosis
O69.81X3	Labor and delivery complicated by cord around neck, without compression, fetus 3	ICD-10-CM	Diagnosis
O69.81X4	Labor and delivery complicated by cord around neck, without compression, fetus 4	ICD-10-CM	Diagnosis
O69.81X2	Labor and delivery complicated by cord around neck, without compression, fetus 2	ICD-10-CM	Diagnosis
O69.81X9	Labor and delivery complicated by cord around neck, without compression, other fetus	ICD-10-CM	Diagnosis
O69.81X4	Labor and delivery complicated by cord around neck, without compression, fetus 4	ICD-10-CM	Diagnosis
O69.81X5	Labor and delivery complicated by cord around neck, without compression, fetus 5	ICD-10-CM	Diagnosis
O69.81X9	Labor and delivery complicated by cord around neck, without compression, other fetus	ICD-10-CM	Diagnosis
O69.82X0	Labor and delivery complicated by other cord entanglement, without compression, not applicable or unspecified	ICD-10-CM	Diagnosis
O69.82X1	Labor and delivery complicated by other cord entanglement, without compression, fetus	ICD-10-CM	Diagnosis
O69.82X2	Labor and delivery complicated by other cord entanglement, without compression, fetus	ICD-10-CM	Diagnosis
O69.82X3	Labor and delivery complicated by other cord entanglement, without compression, fetus	ICD-10-CM	Diagnosis
O69.82X4	Labor and delivery complicated by other cord entanglement, without compression, fetus	ICD-10-CM	Diagnosis
O69.82X5	Labor and delivery complicated by other cord entanglement, without compression, fetus	ICD-10-CM	Diagnosis
O69.82X9	Labor and delivery complicated by other cord entanglement, without compression, other fetus	ICD-10-CM	Diagnosis
O69.89X3	Labor and delivery complicated by other cord complications, fetus 3	ICD-10-CM	Diagnosis
O69.89X4	Labor and delivery complicated by other cord complications, fetus 4	ICD-10-CM	Diagnosis
O69.89X5	Labor and delivery complicated by other cord complications, fetus 5	ICD-10-CM	Diagnosis
O69.89X9	Labor and delivery complicated by other cord complications, other fetus	ICD-10-CM	Diagnosis
O69.9XX0	Labor and delivery complicated by cord complication, unspecified, not applicable or unspecified	ICD-10-CM	Diagnosis
O69.89X5	Labor and delivery complicated by other cord complications, fetus 5	ICD-10-CM	Diagnosis
O69.89X9	Labor and delivery complicated by other cord complications, other fetus	ICD-10-CM	Diagnosis
O69.9XX0	Labor and delivery complicated by cord complication, unspecified, not applicable or unspecified	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
O69.9XX1	Labor and delivery complicated by cord complication, unspecified, fetus 1	ICD-10-CM	Diagnosis
O69.9XX2	Labor and delivery complicated by cord complication, unspecified, fetus 2	ICD-10-CM	Diagnosis
O69.9XX3	Labor and delivery complicated by cord complication, unspecified, fetus 3	ICD-10-CM	Diagnosis
O69.9XX4	Labor and delivery complicated by cord complication, unspecified, fetus 4	ICD-10-CM	Diagnosis
O69.9XX5	Labor and delivery complicated by cord complication, unspecified, fetus 5	ICD-10-CM	Diagnosis
O69.9XX9	Labor and delivery complicated by cord complication, unspecified, other fetus	ICD-10-CM	Diagnosis
O70.0	First degree perineal laceration during delivery	ICD-10-CM	Diagnosis
O70.1	Second degree perineal laceration during delivery	ICD-10-CM	Diagnosis
O70.20	Third degree perineal laceration during delivery, unspecified	ICD-10-CM	Diagnosis
O70.23	Third degree perineal laceration during delivery, IIIc	ICD-10-CM	Diagnosis
O70.22	Third degree perineal laceration during delivery, IIIb	ICD-10-CM	Diagnosis
O70.4	Anal sphincter tear complicating delivery, not associated with third degree laceration	ICD-10-CM	Diagnosis
O70.9	Perineal laceration during delivery, unspecified	ICD-10-CM	Diagnosis
O70.4	Anal sphincter tear complicating delivery, not associated with third degree laceration	ICD-10-CM	Diagnosis
O70.9	Perineal laceration during delivery, unspecified	ICD-10-CM	Diagnosis
O74.0	Aspiration pneumonitis due to anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O74.2	Cardiac complications of anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O74.3	Central nervous system complications of anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O74.4	Toxic reaction to local anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O74.5	Spinal and epidural anesthesia-induced headache during labor and delivery	ICD-10-CM	Diagnosis
O74.6	Other complications of spinal and epidural anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O74.6	Other complications of spinal and epidural anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O74.8	Other complications of anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O74.8	Other complications of anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O74.9	Complication of anesthesia during labor and delivery, unspecified	ICD-10-CM	Diagnosis
O75.0	Maternal distress during labor and delivery	ICD-10-CM	Diagnosis
O75.5	Delayed delivery after artificial rupture of membranes	ICD-10-CM	Diagnosis
O75.5	Delayed delivery after artificial rupture of membranes	ICD-10-CM	Diagnosis
O75.81	Maternal exhaustion complicating labor and delivery	ICD-10-CM	Diagnosis
O75.89	Other specified complications of labor and delivery	ICD-10-CM	Diagnosis
O75.9	Complication of labor and delivery, unspecified	ICD-10-CM	Diagnosis
O76	Abnormality in fetal heart rate and rhythm complicating labor and delivery	ICD-10-CM	Diagnosis
O77.0	Labor and delivery complicated by meconium in amniotic fluid	ICD-10-CM	Diagnosis
O77.8	Labor and delivery complicated by other evidence of fetal stress	ICD-10-CM	Diagnosis
O77.9	Labor and delivery complicated by fetal stress, unspecified	ICD-10-CM	Diagnosis
O80	Encounter for full-term uncomplicated delivery	ICD-10-CM	Diagnosis
O82	Encounter for cesarean delivery without indication	ICD-10-CM	Diagnosis
O82	Encounter for cesarean delivery without indication	ICD-10-CM	Diagnosis
O88.02	Air embolism in childbirth	ICD-10-CM	Diagnosis
O88.22	Thromboembolism in childbirth	ICD-10-CM	Diagnosis
O88.22	Thromboembolism in childbirth	ICD-10-CM	Diagnosis
O88.82	Other embolism in childbirth	ICD-10-CM	Diagnosis

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedural Classification System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Codes Used to Define Live Birth Delivery Exclusion in this Request

Code	Description	Code Type	Code Category
O98.02	Tuberculosis complicating childbirth	ICD-10-CM	Diagnosis
O98.02	Tuberculosis complicating childbirth	ICD-10-CM	Diagnosis
O98.22	Gonorrhea complicating childbirth	ICD-10-CM	Diagnosis
O98.32	Other infections with a predominantly sexual mode of transmission complicating childbirth	ICD-10-CM	Diagnosis
O98.42	Viral hepatitis complicating childbirth	ICD-10-CM	Diagnosis
O98.42	Viral hepatitis complicating childbirth	ICD-10-CM	Diagnosis
O98.62	Protozoal diseases complicating childbirth	ICD-10-CM	Diagnosis
O98.62	Protozoal diseases complicating childbirth	ICD-10-CM	Diagnosis
O98.82	Other maternal infectious and parasitic diseases complicating childbirth	ICD-10-CM	Diagnosis
O98.82	Other maternal infectious and parasitic diseases complicating childbirth	ICD-10-CM	Diagnosis
O98.92	Unspecified maternal infectious and parasitic disease complicating childbirth	ICD-10-CM	Diagnosis
O99.02	Anemia complicating childbirth	ICD-10-CM	Diagnosis
O99.12	Other diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism complicating childbirth	ICD-10-CM	Diagnosis
O99.214	Obesity complicating childbirth	ICD-10-CM	Diagnosis
O99.284	Endocrine, nutritional and metabolic diseases complicating childbirth	ICD-10-CM	Diagnosis
O99.314	Alcohol use complicating childbirth	ICD-10-CM	Diagnosis
O99.324	Drug use complicating childbirth	ICD-10-CM	Diagnosis
O99.344	Other mental disorders complicating childbirth	ICD-10-CM	Diagnosis
O99.354	Diseases of the nervous system complicating childbirth	ICD-10-CM	Diagnosis
O99.42	Diseases of the circulatory system complicating childbirth	ICD-10-CM	Diagnosis
O99.42	Diseases of the circulatory system complicating childbirth	ICD-10-CM	Diagnosis
O99.62	Diseases of the digestive system complicating childbirth	ICD-10-CM	Diagnosis
O99.72	Diseases of the skin and subcutaneous tissue complicating childbirth	ICD-10-CM	Diagnosis
O99.814	Abnormal glucose complicating childbirth	ICD-10-CM	Diagnosis
O99.824	Streptococcus B carrier state complicating childbirth	ICD-10-CM	Diagnosis
O99.834	Other infection carrier state complicating childbirth	ICD-10-CM	Diagnosis
O99.844	Bariatric surgery status complicating childbirth	ICD-10-CM	Diagnosis
O99.844	Bariatric surgery status complicating childbirth	ICD-10-CM	Diagnosis
O9A.22	Injury, poisoning and certain other consequences of external causes complicating childbirth	ICD-10-CM	Diagnosis
O9A.32	Physical abuse complicating childbirth	ICD-10-CM	Diagnosis
O9A.42	Sexual abuse complicating childbirth	ICD-10-CM	Diagnosis
O9A.42	Sexual abuse complicating childbirth	ICD-10-CM	Diagnosis
O9A.52	Psychological abuse complicating childbirth	ICD-10-CM	Diagnosis
P03.2	Newborn affected by forceps delivery	ICD-10-CM	Diagnosis
P03.3	Newborn affected by delivery by vacuum extractor [ventouse]	ICD-10-CM	Diagnosis
P03.3	Newborn affected by delivery by vacuum extractor [ventouse]	ICD-10-CM	Diagnosis
P03.4	Newborn affected by Cesarean delivery	ICD-10-CM	Diagnosis
P07.00	Extremely Low birth weight newborn, unspecified weight	ICD-10-CM	Diagnosis
P07.00	Extremely Low birth weight newborn, unspecified weight	ICD-10-CM	Diagnosis

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedural Classification System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Codes Used to Define Live Birth Delivery Exclusion in this Request

Code	Description	Code Type	Code Category
P07.02	Extremely Low birth weight newborn, 500-749 grams	ICD-10-CM	Diagnosis
P07.03	Extremely Low birth weight newborn, 750-999 grams	ICD-10-CM	Diagnosis
P07.10	Other Low birth weight newborn, unspecified weight	ICD-10-CM	Diagnosis
P07.14	Other Low birth weight newborn, 1000-1249 grams	ICD-10-CM	Diagnosis
P07.15	Other Low birth weight newborn, 1250-1499 grams	ICD-10-CM	Diagnosis
P07.16	Other Low birth weight newborn, 1500-1749 grams	ICD-10-CM	Diagnosis
P07.16	Other Low birth weight newborn, 1500-1749 grams	ICD-10-CM	Diagnosis
P07.17	Other Low birth weight newborn, 1750-1999 grams	ICD-10-CM	Diagnosis
P07.20	Extreme immaturity of newborn, unspecified weeks of gestation	ICD-10-CM	Diagnosis
P07.21	Extreme immaturity of newborn, gestational age less than 23 completed weeks	ICD-10-CM	Diagnosis
P07.21	Extreme immaturity of newborn, gestational age less than 23 completed weeks	ICD-10-CM	Diagnosis
P07.23	Extreme immaturity of newborn, gestational age 24 completed weeks	ICD-10-CM	Diagnosis
P07.24	Extreme immaturity of newborn, gestational age 25 completed weeks	ICD-10-CM	Diagnosis
P07.24	Extreme immaturity of newborn, gestational age 25 completed weeks	ICD-10-CM	Diagnosis
P07.25	Extreme immaturity of newborn, gestational age 26 completed weeks	ICD-10-CM	Diagnosis
P07.26	Extreme immaturity of newborn, gestational age 27 completed weeks	ICD-10-CM	Diagnosis
P07.30	Preterm newborn, unspecified weeks of gestation	ICD-10-CM	Diagnosis
P07.32	Preterm newborn, gestational age 29 completed weeks	ICD-10-CM	Diagnosis
P07.33	Preterm newborn, gestational age 30 completed weeks	ICD-10-CM	Diagnosis
P07.33	Preterm newborn, gestational age 30 completed weeks	ICD-10-CM	Diagnosis
P07.34	Preterm newborn, gestational age 31 completed weeks	ICD-10-CM	Diagnosis
P07.35	Preterm newborn, gestational age 32 completed weeks	ICD-10-CM	Diagnosis
P07.36	Preterm newborn, gestational age 33 completed weeks	ICD-10-CM	Diagnosis
P07.37	Preterm newborn, gestational age 34 completed weeks	ICD-10-CM	Diagnosis
P07.38	Preterm newborn, gestational age 35 completed weeks	ICD-10-CM	Diagnosis
P07.39	Preterm newborn, gestational age 36 completed weeks	ICD-10-CM	Diagnosis
P08.21	Post-term newborn	ICD-10-CM	Diagnosis
Z37.0	Single live birth	ICD-10-CM	Diagnosis
Z37.2	Twins, both liveborn	ICD-10-CM	Diagnosis
Z37.3	Twins, one liveborn and one stillborn	ICD-10-CM	Diagnosis
Z37.50	Multiple births, unspecified, all liveborn	ICD-10-CM	Diagnosis
Z37.50	Multiple births, unspecified, all liveborn	ICD-10-CM	Diagnosis
Z37.51	Triplets, all liveborn	ICD-10-CM	Diagnosis
Z37.52	Quadruplets, all liveborn	ICD-10-CM	Diagnosis
Z37.53	Quintuplets, all liveborn	ICD-10-CM	Diagnosis
Z37.54	Sextuplets, all liveborn	ICD-10-CM	Diagnosis
Z37.59	Other multiple births, all liveborn	ICD-10-CM	Diagnosis
Z37.60	Multiple births, unspecified, some liveborn	ICD-10-CM	Diagnosis
Z37.61	Triplets, some liveborn	ICD-10-CM	Diagnosis
Z37.62	Quadruplets, some liveborn	ICD-10-CM	Diagnosis
Z37.63	Quintuplets, some liveborn	ICD-10-CM	Diagnosis
Z37.64	Sextuplets, some liveborn	ICD-10-CM	Diagnosis

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Code	Description	Code Type	Code Category
Z37.69	Other multiple births, some liveborn	ICD-10-CM	Diagnosis
Z37.9	Outcome of delivery, unspecified	ICD-10-CM	Diagnosis
Z38.00	Single liveborn infant, delivered vaginally	ICD-10-CM	Diagnosis
Z38.01	Single liveborn infant, delivered by cesarean	ICD-10-CM	Diagnosis
Z38.1	Single liveborn infant, born outside hospital	ICD-10-CM	Diagnosis
Z38.2	Single liveborn infant, unspecified as to place of birth	ICD-10-CM	Diagnosis
Z38.30	Twin liveborn infant, delivered vaginally	ICD-10-CM	Diagnosis
Z38.31	Twin liveborn infant, delivered by cesarean	ICD-10-CM	Diagnosis
Z38.4	Twin liveborn infant, born outside hospital	ICD-10-CM	Diagnosis
Z38.5	Twin liveborn infant, unspecified as to place of birth	ICD-10-CM	Diagnosis
Z38.61	Triplet liveborn infant, delivered vaginally	ICD-10-CM	Diagnosis
Z38.62	Triplet liveborn infant, delivered by cesarean	ICD-10-CM	Diagnosis
Z38.63	Quadruplet liveborn infant, delivered vaginally	ICD-10-CM	Diagnosis
Z38.64	Quadruplet liveborn infant, delivered by cesarean	ICD-10-CM	Diagnosis
Z38.65	Quintuplet liveborn infant, delivered vaginally	ICD-10-CM	Diagnosis
Z38.66	Quintuplet liveborn infant, delivered by cesarean	ICD-10-CM	Diagnosis
Z38.68	Other multiple liveborn infant, delivered vaginally	ICD-10-CM	Diagnosis
Z38.69	Other multiple liveborn infant, delivered by cesarean	ICD-10-CM	Diagnosis
Z38.7	Other multiple liveborn infant, born outside hospital	ICD-10-CM	Diagnosis
Z38.8	Other multiple liveborn infant, unspecified as to place of birth	ICD-10-CM	Diagnosis
0W8NXZZ	Division of Female Perineum, External Approach	ICD-10-PCS	Procedure
10900ZC	Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Open Approach	ICD-10-PCS	Procedure
10903ZC	Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Percutaneous App	ICD-10-PCS	Procedure
10904ZC	Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
10907ZC	Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10908ZC	Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
10D00Z0	Extraction of Products of Conception, High, Open Approach	ICD-10-PCS	Procedure
10D00Z1	Extraction of Products of Conception, Low, Open Approach	ICD-10-PCS	Procedure
10D00Z2	Extraction of Products of Conception, Extraperitoneal, Open Approach	ICD-10-PCS	Procedure
10D07Z3	Extraction of Products of Conception, Low Forceps, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10D07Z4	Extraction of Products of Conception, Mid Forceps, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10D07Z5	Extraction of Products of Conception, High Forceps, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10D07Z6	Extraction of Products of Conception, Vacuum, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10D07Z7	Extraction of Products of Conception, Internal Version, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10D07Z8	Extraction of Products of Conception, Other, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10E0XZZ	Delivery of Products of Conception, External Approach	ICD-10-PCS	Procedure
10S07ZZ	Reposition Products of Conception, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
59400	Routine obstetric care including antepartum care, vaginal delivery (with or without episiotomy, and/or forceps) and postpartum care	CPT-4	Procedure

Appendix D. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedural Classification System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Codes Used to Define Live Birth Delivery Exclusion in this Request

Code	Description	Code Type	Code Category
59409	Vaginal delivery only (with or without episiotomy and/or forceps);	CPT-4	Procedure
59410	Vaginal delivery only (with or without episiotomy and/or forceps); including postpartum care	CPT-4	Procedure
59510	Routine obstetric care including antepartum care, cesarean delivery, and postpartum care	CPT-4	Procedure
59514	Cesarean delivery only;	CPT-4	Procedure
59515	Cesarean delivery only; including postpartum care	CPT-4	Procedure
59610	Routine obstetric care including antepartum care, vaginal delivery (with or without episiotomy, and/or forceps) and postpartum care, after previous cesarean delivery	CPT-4	Procedure
59612	Vaginal delivery only, after previous cesarean delivery (with or without episiotomy and/or forceps);	CPT-4	Procedure
59614	Vaginal delivery only, after previous cesarean delivery (with or without episiotomy and/or forceps); including postpartum care	CPT-4	Procedure
59618	Routine obstetric care including antepartum care, cesarean delivery, and postpartum care, following attempted vaginal delivery after previous cesarean delivery	CPT-4	Procedure
59620	Cesarean delivery only, following attempted vaginal delivery after previous cesarean delivery;	CPT-4	Procedure
59622	Cesarean delivery only, following attempted vaginal delivery after previous cesarean delivery; including postpartum care	CPT-4	Procedure

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
Antiasthmatics	
aclidinium bromide	Tudorza Pressair
aclidinium bromide/formoterol fumarate	Duaklir Pressair
albuterol	albuterol
albuterol	albuterol (refill)
albuterol	Proventil
albuterol	Proventil (Refill)
albuterol	Respirol
albuterol	Ventolin
albuterol	Ventolin Refill
albuterol sulfate	AccuNeb
albuterol sulfate	Airet
albuterol sulfate	albuterol sulfate
albuterol sulfate	Proair Digihaler
albuterol sulfate	ProAir HFA
albuterol sulfate	ProAir RespiClick
albuterol sulfate	Proventil
albuterol sulfate	Proventil HFA
albuterol sulfate	Ventolin
albuterol sulfate	Ventolin HFA
albuterol sulfate	Ventolin Rotacaps
albuterol sulfate	Ventolin Rotahaler/Rotacaps
albuterol sulfate	Volmax
albuterol sulfate	Vospire ER
arformoterol tartrate	Brovana
beclomethasone dipropionate	Beclovent
beclomethasone dipropionate	Beclovent Refill
beclomethasone dipropionate	Qvar
beclomethasone dipropionate	Qvar RediHaler
beclomethasone dipropionate	Vanceril
beclomethasone dipropionate	Vanceril Double Strength
benralizumab	Fasenra
benralizumab	Fasenra Pen
bitolterol mesylate	Tornalate
bitolterol mesylate	Tornalate Refill
budesonide	budesonide
budesonide	Pulmicort
budesonide	Pulmicort Flexhaler
budesonide	Pulmicort Turbuhaler
budesonide/formoterol fumarate	budesonide-formoterol
budesonide/formoterol fumarate	Symbicort
budesonide/glycopyrrolate/formoterol fumarate	Breztri Aerosphere
ciclesonide	Alvesco
cromolyn sodium	cromolyn
cromolyn sodium	Intal

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
cromolyn sodium	Intal 112
cromolyn sodium	Intal 200
dupilumab	Dupixent Pen
dupilumab	Dupixent Syringe
dyphylline	Dilor
dyphylline	Dylix
dyphylline	Lufyllin
flunisolide	Aerobid
flunisolide	Aerospan
flunisolide/menthol	Aerobid-M
fluticasone furoate	Arnuity Ellipta
fluticasone furoate/umeclidinium bromide/vilanterol trifenate	Trelegy Ellipta
fluticasone furoate/vilanterol trifenate	Breo Ellipta
fluticasone propionate	ArmonAir Digihaler
fluticasone propionate	ArmonAir RespiClick
fluticasone propionate	Flovent
fluticasone propionate	Flovent Diskus
fluticasone propionate	Flovent HFA
fluticasone propionate	Flovent Rotadisk
fluticasone propionate/salmeterol xinafoate	Advair Diskus
fluticasone propionate/salmeterol xinafoate	Advair HFA
fluticasone propionate/salmeterol xinafoate	AirDuo Digihaler
fluticasone propionate/salmeterol xinafoate	AirDuo RespiClick
fluticasone propionate/salmeterol xinafoate	fluticasone propion-salmeterol
fluticasone propionate/salmeterol xinafoate	Wixela Inhub
formoterol fumarate	Foradil Aerolizer
formoterol fumarate	Perforomist
glycopyrrolate	Seebri Neohaler
glycopyrrolate/formoterol fumarate	Bevespi Aerosphere
glycopyrrolate/nebulizer accessories	Lonhala Magnair Refill
glycopyrrolate/nebulizer and accessories	Lonhala Magnair Starter
ipratropium bromide	Atrovent
ipratropium bromide	Atrovent HFA
ipratropium bromide	Atrovent Refill
ipratropium bromide	ipratropium bromide
ipratropium bromide/albuterol sulfate	Combivent
ipratropium bromide/albuterol sulfate	Combivent Respimat
ipratropium bromide/albuterol sulfate	DuoNeb
ipratropium bromide/albuterol sulfate	ipratropium-albuterol
isoproterenol HCl	isoproterenol HCl
levalbuterol HCl	levalbuterol HCl
levalbuterol HCl	Xopenex
levalbuterol HCl	Xopenex Concentrate
levalbuterol tartrate	levalbuterol tartrate
levalbuterol tartrate	Xopenex HFA

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
mepolizumab	Nucala
metaproterenol sulfate	Alupent
metaproterenol sulfate	metaproterenol
mometasone furoate	Asmanex HFA
mometasone furoate	Asmanex Twisthaler
mometasone furoate/formoterol fumarate	Dulera
montelukast sodium	montelukast
montelukast sodium	Singulair
nedocromil sodium	Tilade
olodaterol HCl	Striverdi Respimat
omalizumab	Xolair
pirbuterol acetate	Maxair
pirbuterol acetate	Maxair Autohaler
reslizumab	Cinqair
revefenacin	Yupelri
roflumilast	Daliresp
salmeterol xinafoate	Serevent
salmeterol xinafoate	Serevent Diskus
salmeterol xinafoate	Serevent Refill
terbutaline sulfate	Brethaire
terbutaline sulfate	Brethine
terbutaline sulfate	terbutaline
tiotropium bromide	Spiriva Respimat
tiotropium bromide	Spiriva with HandiHaler
tiotropium bromide/olodaterol HCl	Stiolto Respimat
triamcinolone acetonide	Azmacort
umeclidinium bromide	Incruse Ellipta
umeclidinium bromide/vilanterol trifenate	Anoro Ellipta
zafirlukast	Accolate
zafirlukast	zafirlukast
zileuton	zileuton
zileuton	Zyflo
zileuton	Zyflo CR
Antibiotics	
alatrofloxacin mesylate	Trovan
amikacin sulfate	amikacin
amikacin sulfate	Amikin
amikacin sulfate liposomal with nebulizer accessories	Arikayce
amikacin sulfate/PF	amikacin (PF)
amoxicillin	amoxicillin
amoxicillin	Amoxil
amoxicillin	DisperMox
amoxicillin	Moxatag
amoxicillin	Trimox
amoxicillin	Trimox 125

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
amoxicillin	Trimox 250
amoxicillin	Wymox
amoxicillin/potassium clavulanate	amoxicillin-pot clavulanate
amoxicillin/potassium clavulanate	Augmentin
amoxicillin/potassium clavulanate	Augmentin ES-600
amoxicillin/potassium clavulanate	Augmentin XR
ampicillin sodium	ampicillin sodium
ampicillin sodium	Totacillin-N
ampicillin sodium/sulbactam sodium	ampicillin-sulbactam
ampicillin sodium/sulbactam sodium	Unasyn
ampicillin trihydrate	Amficot
ampicillin trihydrate	ampicillin
ampicillin trihydrate	Marcillin
ampicillin trihydrate	Principen
ampicillin trihydrate	Totacillin
azithromycin	azithromycin
azithromycin	Zithromax
azithromycin	Zithromax TRI-PAK
azithromycin	Zithromax Z-Pak
azithromycin	Zmax
azithromycin	Zmax Pediatric
azithromycin hydrogen citrate	azithromycin hydrogen citrate
aztreonam	Azactam
aztreonam	aztreonam
aztreonam lysine	Cayston
aztreonam/dextrose-water	Azactam in dextrose (iso-osm)
bacampicillin HCl	Spectrobid
bacitracin	BACiiM
bacitracin	bacitracin
bedaquiline fumarate	Sirturo
bismuth subsalicylate/metronidazole/tetracycline HCl	Helidac
bleomycin sulfate	Blenoxane
bleomycin sulfate	Bleo 15K
bleomycin sulfate	bleomycin
capreomycin sulfate	Capastat
carbenicillin indanyl sodium	Geocillin
cefaclor	Ceclor
cefaclor	Ceclor CD
cefaclor	cefaclor
cefaclor	Raniclor
cefadroxil	cefadroxil
cefadroxil	Duricef
cefamandole nafate	Mandol
cefamandole nafate/dextrose 5 % in water	Mandol/D5W
cefazolin sodium	Ancef

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
cefazolin sodium	cefazolin
cefazolin sodium	Kefzol
cefazolin sodium in 0.9 % sodium chloride	cefazolin in 0.9% sod chloride
cefazolin sodium/dextrose 5 % in water	cefazolin in dextrose 5 %
cefazolin sodium/dextrose, iso-osmotic	cefazolin in dextrose (iso-os)
cefazolin sodium/water for injection,sterile	cefazolin in sterile water
cefdinir	cefdinir
cefdinir	Omnicef
cefditoren pivoxil	cefditoren pivoxil
cefditoren pivoxil	Spectracef
cefepime HCl	cefepime
cefepime HCl	Maxipime
cefepime HCl in dextrose 5 % in water	cefepime in dextrose 5 %
cefepime HCl in iso-osmotic dextrose	cefepime in dextrose,iso-osm
cefiderocol sulfate tosylate	Fetroja
cefixime	cefixime
cefixime	Suprax
cefonicid sodium	Monocid
cefoperazone sodium	Cefobid
cefotaxime sodium	cefotaxime
cefotaxime sodium	Claforan
cefotaxime sodium/dextrose, iso-osmotic	Claforan in dextrose(iso-osm)
cefotetan disodium	Cefotan
cefotetan disodium	cefotetan
cefotetan disodium in iso-osmotic dextrose	cefotetan in dextrose, iso-osm
cefotetan in dextrose	Cefotan in dextrose
cefoxitin sodium	cefoxitin
cefoxitin sodium	Mefoxin
cefoxitin sodium/dextrose 5 % in water	Mefoxin in dextrose (iso-osm)
cefoxitin sodium/dextrose, iso-osmotic	cefoxitin in dextrose, iso-osm
cefpodoxime proxetil	cefpodoxime
cefpodoxime proxetil	Vantin
cefprozil	cefprozil
cefprozil	Cefzil
ceftaroline fosamil acetate	Teflaro
ceftazidime	ceftazidime
ceftazidime	Fortaz
ceftazidime	Tazicef
ceftazidime	Tazidime
ceftazidime in dextrose 5% and water	ceftazidime in D5W
ceftazidime in dextrose, iso-osmotic	Tazicef in dextrose
ceftazidime sodium	ceftazidime
ceftazidime sodium in iso-osmotic dextrose	Fortaz in dextrose 5 %
ceftazidime/arginine	Ceptaz
ceftazidime/avibactam sodium	Avycaz

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Generic Name	Brand Name
ceftibuten	Cedax
ceftibuten	ceftibuten
ceftizoxime sodium	Cefizox
ceftizoxime sodium/dextrose, iso-osmotic	Cefizox in dextrose (iso-osm)
ceftolozane sulfate/tazobactam sodium	Zerbaxa
ceftriaxone sodium	ceftriaxone
ceftriaxone sodium	Rocephin
ceftriaxone sodium in iso-osmotic dextrose	ceftriaxone in dextrose,iso-os
ceftriaxone sodium in iso-osmotic dextrose	Rocephin in dextrose (iso-osm)
ceftriaxone sodium/lidocaine HCl	Rocephin IM Convenience
cefuroxime axetil	Ceftin
cefuroxime axetil	cefuroxime axetil
cefuroxime sodium	cefuroxime sodium
cefuroxime sodium	Kefurox
cefuroxime sodium	Zinacef
cefuroxime sodium/dextrose, iso-osmotic	cefuroxime-dextrose (iso-osm)
cefuroxime sodium/dextrose, iso-osmotic	Zinacef in dextrose (iso-osm)
cefuroxime sodium/water for injection,sterile	Zinacef in Sterile Water
cephalexin	cephalexin
cephalexin	Daxbia
cephalexin	ED A-Ceph
cephalexin	Keflex
cephalexin	Panixine DisperDose
cephalexin HCl	Keftab
cephalothin sodium/dextrose 5 % in water	cephalothin in dextrose 5 %
cephradine	cephradine
cephradine	Velosef
chloramphenicol sod succinate	chloramphenicol sod succinate
chloramphenicol sod succinate	Chloromycetin
cinoxacin	Cinobac
ciprofloxacin	Cipro
ciprofloxacin	ciprofloxacin
ciprofloxacin HCl	Cipro
ciprofloxacin HCl	Cipro Cystitis
ciprofloxacin HCl	ciprofloxacin HCl
ciprofloxacin HCl	ProQuin XR
ciprofloxacin lactate	Cipro I.V.
ciprofloxacin lactate	ciprofloxacin lactate
ciprofloxacin lactate/dextrose 5 % in water	Cipro in D5W
ciprofloxacin lactate/dextrose 5 % in water	ciprofloxacin in 5 % dextrose
ciprofloxacin/ciprofloxacin HCl	Cipro XR
ciprofloxacin/ciprofloxacin HCl	ciprofloxacin (mixture)
clarithromycin	Biaxin
clarithromycin	Biaxin XL
clarithromycin	Biaxin XL Pak

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
clarithromycin	clarithromycin
clindamycin HCl	Cleocin HCl
clindamycin HCl	clindamycin HCl
clindamycin palmitate HCl	Cleocin Pediatric
clindamycin palmitate HCl	clindamycin palmitate HCl
clindamycin palmitate HCl	Clindamycin Pediatric
clindamycin phosphate	Cleocin
clindamycin phosphate	clindamycin phosphate
clindamycin phosphate in 0.9 % sodium chloride	clindamycin in 0.9 % sod chlor
clindamycin phosphate/dextrose 5 % in water	Cleocin in 5 % dextrose
clindamycin phosphate/dextrose 5 % in water	clindamycin in 5 % dextrose
cloxacillin sodium	cloxacillin
colistin (as colistimethate sodium)	colistin (colistimethate Na)
colistin (as colistimethate sodium)	Coly-Mycin M
colistin (as colistimethate sodium)	Coly-Mycin M Parenteral
colloidal bismuth subcitrate/metronidazole/tetracycline HCl	Pylera
dactinomycin	Cosmegen
dactinomycin	dactinomycin
dalbavancin HCl	Dalvance
daptomycin	Cubicin
daptomycin	Cubicin RF
daptomycin	daptomycin
delafloxacin meglumine	Baxdela
demeclocycline HCl	Declomycin
demeclocycline HCl	demeclocycline
dicloxacillin sodium	dicloxacillin
dicloxacillin sodium	Dynapen
dirithromycin	Dynabac
dirithromycin	Dynabac D5-Pak
doripenem	Doribax
doripenem	doripenem
doxycycline calcium	Vibramycin
doxycycline hyclate	Acticlate
doxycycline hyclate	Bio-Tab
doxycycline hyclate	Doryx
doxycycline hyclate	Doryx MPC
doxycycline hyclate	Doxy-100
doxycycline hyclate	Doxy-Caps
doxycycline hyclate	Doxy-Lemmon
doxycycline hyclate	doxycycline hyclate
doxycycline hyclate	Morgidox
doxycycline hyclate	Periostat
doxycycline hyclate	Soloxide
doxycycline hyclate	Targadox
doxycycline hyclate	Vibra-Tabs

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
doxycycline hyclate	Vibramycin
doxycycline monohydrate	Adoxa
doxycycline monohydrate	Adoxa Pak
doxycycline monohydrate	Avidoxy
doxycycline monohydrate	doxycycline monohydrate
doxycycline monohydrate	Mondoxyne NL
doxycycline monohydrate	Monodox
doxycycline monohydrate	Okebo
doxycycline monohydrate	Oracea
doxycycline monohydrate	Vibramycin
doxycycline monohydrate/omega-3 combination no.1/Eye Mask	Nutridox
doxycycline monohydrate/skin cleanser combination no.9	Adoxa CK
doxycycline monohydrate/skin cleanser combination no.9	Adoxa TT
enoxacin	Penetrex
eravacycline di-hydrochloride	Xerava
ertapenem sodium	ertapenem
ertapenem sodium	Invanz
erythromycin base	E-Mycin
erythromycin base	Ery-Tab
erythromycin base	Eryc
erythromycin base	erythromycin
erythromycin base	PCE
erythromycin estolate	erythromycin estolate
erythromycin ethylsuccinate	E.E.S. 200
erythromycin ethylsuccinate	E.E.S. 400
erythromycin ethylsuccinate	E.E.S. Granules
erythromycin ethylsuccinate	EryPed
erythromycin ethylsuccinate	EryPed 200
erythromycin ethylsuccinate	EryPed 400
erythromycin ethylsuccinate	erythromycin ethylsuccinate
erythromycin ethylsuccinate/sulfisoxazole acetyl	erythromycin-sulfisoxazole
erythromycin ethylsuccinate/sulfisoxazole acetyl	Eryzole
erythromycin ethylsuccinate/sulfisoxazole acetyl	Pediagen
erythromycin ethylsuccinate/sulfisoxazole acetyl	Pediazole
erythromycin lactobionate	Erythrocin
erythromycin lactobionate	erythromycin lactobionate
erythromycin stearate	Erythrocin (as stearate)
erythromycin stearate	Erythrocot
erythromycin stearate	erythromycin stearate
erythromycin stearate	My-E
fidaxomicin	Dificid
gatifloxacin	Tequin
gatifloxacin/dextrose 5 % in water	Tequin in dextrose 5 %
gemifloxacin mesylate	Factive
gentamicin sulfate	Garamycin

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
gentamicin sulfate	gentamicin
gentamicin sulfate in sodium chloride, iso-osmotic	gentamicin in NaCl (iso-osm)
gentamicin sulfate/PF	gentamicin sulfate (ped) (PF)
gentamicin sulfate/PF	gentamicin sulfate (PF)
gentamicin sulfate/sodium chloride	gentamicin in 0.9 % sodium chl
gentamicin sulfate/sodium citrate	gentamicin-sodium citrate
imipenem/cilastatin sodium	imipenem-cilastatin
imipenem/cilastatin sodium	Primaxin IM
imipenem/cilastatin sodium	Primaxin IV
imipenem/cilastatin sodium/relebactam	Recarbrio
kanamycin sulfate	kanamycin
kanamycin sulfate	Kantrex
lansoprazole/amoxicillin trihydrate/clarithromycin	amoxicil-clarithromy-lansopraz
lansoprazole/amoxicillin trihydrate/clarithromycin	Prevpac
lefamulin acetate	Xenleta
levofloxacin	Levaquin
levofloxacin	Levaquin Leva-Pak
levofloxacin	levofloxacin
levofloxacin/dextrose 5 % in water	Levaquin in 5 % dextrose
levofloxacin/dextrose 5 % in water	levofloxacin in D5W
lincomycin HCl	Lincocin
lincomycin HCl	Lincoject
lincomycin HCl	lincomycin
linezolid	linezolid
linezolid	Zyvox
linezolid in 0.9 % sodium chloride	linezolid-0.9% sodium chloride
linezolid in dextrose 5 % in water	linezolid in dextrose 5%
linezolid in dextrose 5 % in water	Zyvox
lomefloxacin HCl	Maxaquin
loracarbef	Lorabid
meropenem	meropenem
meropenem	Merrem
meropenem in 0.9 % sodium chloride	meropenem-0.9% sodium chloride
meropenem/vaborbactam	Vabomere
metronidazole	Flagyl
metronidazole	Flagyl ER
metronidazole	Metrogel
metronidazole	metronidazole
metronidazole HCl	Flagyl (as HCl)
metronidazole in sodium chloride	Flagyl RTU
metronidazole in sodium chloride	Metro I.V.
metronidazole in sodium chloride	metronidazole in NaCl (iso-os)
metronidazole/skin cleanser	Metrogel Kit
minocycline HCl	CoreMino
minocycline HCl	Dynacin

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
minocycline HCl	Minocin
minocycline HCl	minocycline
minocycline HCl	Minolira ER
minocycline HCl	Solodyn
minocycline HCl	Vectrin
minocycline HCl	Ximino
moxifloxacin HCl	Avelox
moxifloxacin HCl	Avelox ABC Pack
moxifloxacin HCl	moxifloxacin
moxifloxacin HCl in sodium acetate and sulfate,water,iso-osm	moxifloxacin-sod.ace,sul-water
moxifloxacin HCl in sodium chloride, iso-osmotic	Avelox in NaCl (iso-osmotic)
moxifloxacin HCl in sodium chloride, iso-osmotic	moxifloxacin-sod.chloride(iso)
nafcillin in dextrose, iso-osmotic	nafcillin in dextrose iso-osm
nafcillin sodium	nafcillin
nafcillin sodium	Nallpen
nalidixic acid	NegGram
neomycin sulfate	Neo-Fradin
neomycin sulfate	neomycin
neomycin sulfate/dexamethasone sodium phosphate	neomycin-dexamethasone
netilmicin sulfate	Netromycin
nitrofurantoin	Furadantin
nitrofurantoin	nitrofurantoin
nitrofurantoin macrocrystal	Macrodantin
nitrofurantoin macrocrystal	nitrofurantoin macrocrystal
nitrofurantoin monohydrate/macrocrystals	Macrobid
nitrofurantoin monohydrate/macrocrystals	nitrofurantoin monohyd/m-cryst
norfloxacin	Noroxin
ofloxacin	Floxin
ofloxacin	ofloxacin
ofloxacin/dextrose 5 % in water	Floxin I.V. in D5W
omadacycline tosylate	Nuzyra
omadacycline tosylate	Nuzyra (7 Day with Load Dose)
omadacycline tosylate	Nuzyra (7 Day)
omeprazole magnesium/amoxicillin trihydrate/rifabutin	Talicia
omeprazole/clarithromycin/amoxicillin trihydrate	Omeclamox-Pak
oritavancin diphosphate	Orbactiv
oxacillin sodium	Bactocill
oxacillin sodium	oxacillin
oxacillin sodium in iso-osmotic dextrose	oxacillin in dextrose(iso-osm)
oxytetracycline HCl	Terramycin
oxytetracycline HCl/sulfamethizole/phenazopyridine	Urobiotic
oxytetracycline/lidocaine	Terramycin (with lidocaine)
penicillin G benzathine	Bicillin L-A
penicillin G benzathine	penicillin G benzathine
penicillin G benzathine	Permapen

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
penicillin G benzathine/penicillin G procaine	Bicillin C-R
penicillin G potassium	penicillin G potassium
penicillin G potassium	Pfizerpen-G
penicillin G potassium in 0.9 % sodium chloride	penicillin G pot-0.9% sodchlor
penicillin G potassium/dextrose-water	penicillin G pot in dextrose
penicillin G procaine	penicillin G procaine
penicillin G procaine	Wycillin
penicillin G sodium	penicillin G sodium
penicillin V potassium	Beepen-VK
penicillin V potassium	Beepen VK
penicillin V potassium	Pen-Vee K
penicillin V potassium	penicillin V potassium
penicillin V potassium	Veetids
penicillin V potassium	Veetids 250
piperacillin and tazobactam in dextrose, iso-osmotic	Zosyn in dextrose (iso-osm)
piperacillin sodium	piperacillin
piperacillin sodium	Pipracil
piperacillin sodium/tazobactam sodium	piperacillin-tazobactam
piperacillin sodium/tazobactam sodium	Zosyn
plazomicin sulfate	Zemdri
plicamycin	Mithracin
polymyxin B sulfate	polymyxin B sulfate
quinupristin/dalfopristin	Synercid
rifabutin	Mycobutin
rifabutin	rifabutin
rifampin	Rifadin
rifampin	rifampin
rifampin	Rimactane
rifamycin sodium	Aemcolo
rifapentine	Priftin
rifaximin	Xifaxan
sarecycline HCl	Seysara
sparfloxacin	Zagam
spectinomycin HCl	Trobicin
streptomycin sulfate	streptomycin
streptozocin	Zanosar
sulfacytine	Renoquid
sulfadiazine	sulfadiazine
sulfamethoxazole	Gantanol
sulfamethoxazole/trimethoprim	Bactrim
sulfamethoxazole/trimethoprim	Bactrim DS
sulfamethoxazole/trimethoprim	Septra
sulfamethoxazole/trimethoprim	Septra DS
sulfamethoxazole/trimethoprim	Septra I.V.
sulfamethoxazole/trimethoprim	SMZ-TMP DS

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
sulfamethoxazole/trimethoprim	Sulfamar
sulfamethoxazole/trimethoprim	sulfamethoxazole-trimethoprim
sulfamethoxazole/trimethoprim	Sulfatrim
sulfamethoxazole/trimethoprim	Sultrex
sulfisoxazole	sulfisoxazole
sulfisoxazole acetyl	Gantrisin Pediatric
sulfisoxazole/phenazopyridine HCl	Azo-Gantrisin
sulfisoxazole/phenazopyridine HCl	Azo-Sulfisoxazole
sulfisoxazole/phenazopyridine HCl	sulfisoxazole-phenazopyridine
tedizolid phosphate	Sivextro
telavancin HCl	Vibativ
telithromycin	Ketek
telithromycin	Ketek Pak
tetracycline HCl	Achromycin V
tetracycline HCl	Brodspec
tetracycline HCl	Sumycin
tetracycline HCl	Sumycin 250
tetracycline HCl	Sumycin 500
tetracycline HCl	tetracycline
ticarcillin disodium	Ticar
ticarcillin disodium/potassium clavulanate	Timentin
tigecycline	tigecycline
tigecycline	Tygacil
tobramycin	Bethkis
tobramycin	Tobi Podhaler
tobramycin	tobramycin
tobramycin in 0.225 % sodium chloride	Tobi
tobramycin in 0.225 % sodium chloride	tobramycin in 0.225 % NaCl
tobramycin sulfate	Nebcin
tobramycin sulfate	tobramycin sulfate
tobramycin sulfate/sodium chloride	tobramycin in 0.9 % NaCl
tobramycin/nebulizer	Kitabis Pak
tobramycin/nebulizer	tobramycin with nebulizer
trimethoprim	Primsol
trimethoprim	Proloprim
trimethoprim	trimethoprim
trimethoprim	Trimplex
troleandomycin	Tao
trovafloxacin mesylate	Trovan
vancomycin HCl	Firvanq
vancomycin HCl	Vancocin
vancomycin HCl	Vancoled
vancomycin HCl	vancomycin
vancomycin HCl in sterile water	vancomycin HCl in water
vancomycin HCl in water for injection (PEG-400, NADA)	vancomycin-water inject (PEG)

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
vancomycin in 0.9 % sodium chloride	vancomycin in 0.9 % sodium chl
vancomycin in 5 % dextrose in water	vancomycin in dextrose 5 %
Anticonvulsants	
brivaracetam	Briviact
cannabidiol (CBD)	Epidiolex
carbamazepine	Atretol
carbamazepine	carbamazepine
carbamazepine	Carbatrol
carbamazepine	Epitol
carbamazepine	Equetro
carbamazepine	Tegretol
carbamazepine	Tegretol XR
cenobamate	Xcopri
cenobamate	Xcopri Maintenance Pack
cenobamate	Xcopri Titration Pack
clobazam	clobazam
clobazam	Onfi
clobazam	Sympazan
clonazepam	Ceberclon
clonazepam	clonazepam
clonazepam	Klonopin
diazepam	Diastat
diazepam	Diastat AcuDial
diazepam	Diastat Pediatric
diazepam	Diastat Universal
diazepam	diazepam
diazepam	Valtoco
divalproex sodium	Depakote
divalproex sodium	Depakote ER
divalproex sodium	Depakote Sprinkles
divalproex sodium	divalproex
eslicarbazepine acetate	Aptiom
ethosuximide	ethosuximide
ethosuximide	Zarontin
ethotoin	Peganone
ezogabine	Potiga
felbamate	felbamate
felbamate	Felbatol
fenfluramine HCl	Fintepla
fosphenytoin sodium	Cerebyx
fosphenytoin sodium	fosphenytoin
gabapentin	gabapentin
gabapentin	Gabarone
gabapentin	Neurontin
GABAPENTIN	Fanatrex

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
lacosamide	Vimpat
lamotrigine	Lamictal
lamotrigine	Lamictal ODT
lamotrigine	Lamictal ODT Starter (Blue)
lamotrigine	Lamictal ODT Starter (Green)
lamotrigine	Lamictal ODT Starter (Orange)
lamotrigine	Lamictal Starter (Blue) Kit
lamotrigine	Lamictal Starter (Green) Kit
lamotrigine	Lamictal Starter (Orange) Kit
lamotrigine	Lamictal XR
lamotrigine	Lamictal XR Starter (Blue)
lamotrigine	Lamictal XR Starter (Green)
lamotrigine	Lamictal XR Starter (Orange)
lamotrigine	lamotrigine
lamotrigine	Subvenite
lamotrigine	Subvenite Starter (Blue) Kit
lamotrigine	Subvenite Starter (Green) Kit
lamotrigine	Subvenite Starter (Orange) Kit
levetiracetam	Keppra
levetiracetam	Keppra XR
levetiracetam	levetiracetam
levetiracetam	Roweepra
levetiracetam	Roweepra XR
levetiracetam	Spritam
levetiracetam in sodium chloride, iso-osmotic	levetiracetam in NaCl (iso-os)
lorazepam	Ativan
lorazepam	lorazepam
lorazepam	lorazepam (bulk)
lorazepam	Lorazepam Intensol
lorazepam in 0.9 % sodium chloride	lorazepam in 0.9% sod chloride
lorazepam in 5 % dextrose and water	lorazepam in dextrose 5 %
methsuximide	Celontin
midazolam	Nayzilam
oxcarbazepine	oxcarbazepine
oxcarbazepine	Oxtellar XR
oxcarbazepine	Trileptal
paramethadione	Paradione
perampanel	Fycompa
phenobarbital	phenobarbital
phenobarbital sodium	Luminal
phenobarbital sodium	phenobarbital sodium
phenytoin	Dilantin-125
phenytoin	Dilantin Infatabs
phenytoin	phenytoin
phenytoin sodium	Di-Phen

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
phenytoin sodium	phenytoin sodium
phenytoin sodium extended	Dilantin
phenytoin sodium extended	Dilantin Extended
phenytoin sodium extended	Dilantin Kapseal
phenytoin sodium extended	Phenytek
phenytoin sodium extended	phenytoin sodium extended
pregabalin	Lyrica
pregabalin	pregabalin
primidone	Mysoline
primidone	primidone
rufinamide	Banzel
rufinamide	rufinamide
stiripentol	Diacomit
tiagabine HCl	Gabitril
tiagabine HCl	tiagabine
topiramate	Qudexy XR
topiramate	Topamax
topiramate	Topiragen
topiramate	topiramate
topiramate	Trokendi XR
valproic acid	Depakene
valproic acid	Stavzor
valproic acid	valproic acid
valproic acid (as sodium salt) (valproate sodium)	Depacon
valproic acid (as sodium salt) (valproate sodium)	Depakene
valproic acid (as sodium salt) (valproate sodium)	valproate sodium
valproic acid (as sodium salt) (valproate sodium)	valproic acid (as sodium salt)
vigabatrin	Sabril
vigabatrin	vigabatrin
vigabatrin	Vigadrone
zonisamide	Zonegran
zonisamide	zonisamide
Antidiabetic Agents	
acarbose	acarbose
acarbose	Precose
albiglutide	Tanzeum
alogliptin benzoate	alogliptin
alogliptin benzoate	Nesina
alogliptin benzoate/metformin HCl	alogliptin-metformin
alogliptin benzoate/metformin HCl	Kazano
alogliptin benzoate/pioglitazone HCl	alogliptin-pioglitazone
alogliptin benzoate/pioglitazone HCl	Oseni
canagliflozin	Invokana
canagliflozin/metformin HCl	Invokamet
canagliflozin/metformin HCl	Invokamet XR

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
chlorpropamide	chlorpropamide
chlorpropamide	Diabinese
dapagliflozin propanediol	Farxiga
dapagliflozin propanediol/metformin HCl	Xigduo XR
dapagliflozin propanediol/saxagliptin HCl	Qtern
dulaglutide	Trulicity
empagliflozin	Jardiance
empagliflozin/linagliptin	Glyxambi
empagliflozin/linagliptin/metformin HCl	Trijardy XR
empagliflozin/metformin HCl	Synjardy
empagliflozin/metformin HCl	Synjardy XR
ertugliflozin pidolate	Steglatro
ertugliflozin pidolate/metformin HCl	Segluromet
ertugliflozin pidolate/sitagliptin phosphate	Steglujan
exenatide	Byetta
exenatide microspheres	Bydureon
exenatide microspheres	Bydureon BCise
glimepiride	Amaryl
glimepiride	glimepiride
glipizide	glipizide
glipizide	Glucotrol
glipizide	Glucotrol XL
glipizide/metformin HCl	glipizide-metformin
glipizide/metformin HCl	Metaglip
glyburide	Diabeta
glyburide	glyburide
glyburide	Micronase
glyburide,micronized	glyburide micronized
glyburide,micronized	Glycron
glyburide,micronized	Glynase
glyburide/metformin HCl	Glucovance
glyburide/metformin HCl	glyburide-metformin
insulin aspart	insulin aspart U-100
insulin aspart	Novolog Flexpen U-100 Insulin
insulin aspart	Novolog PenFill U-100 Insulin
insulin aspart	Novolog U-100 Insulin aspart
insulin aspart (niacinamide)	Fiasp FlexTouch U-100 Insulin
insulin aspart (niacinamide)	Fiasp Penfill U-100 Insulin
insulin aspart (niacinamide)	Fiasp U-100 Insulin
insulin aspart protamine human/insulin aspart	insulin asp prt-insulin aspart
insulin aspart protamine human/insulin aspart	Novolog Mix 70-30 U-100 Insulin
insulin aspart protamine human/insulin aspart	Novolog Mix 70-30FlexPen U-100
insulin degludec	Tresiba FlexTouch U-100
insulin degludec	Tresiba FlexTouch U-200
insulin degludec	Tresiba U-100 Insulin

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
insulin degludec/liraglutide	Xultophy 100/3.6
insulin detemir	Levemir Flexpen
insulin detemir	Levemir FlexTouch U-100 Insulin
insulin detemir	Levemir U-100 Insulin
insulin glargine, human recombinant analog	Basaglar KwikPen U-100 Insulin
insulin glargine, human recombinant analog	Lantus Solostar U-100 Insulin
insulin glargine, human recombinant analog	Lantus U-100 Insulin
insulin glargine, human recombinant analog	Semglee Pen U-100 Insulin
insulin glargine, human recombinant analog	Semglee U-100 Insulin
insulin glargine, human recombinant analog	Toujeo Max U-300 SoloStar
insulin glargine, human recombinant analog	Toujeo SoloStar U-300 Insulin
insulin glargine, human recombinant analog/lixisenatide	Soliqua 100/33
insulin glulisine	Apidra SoloStar U-100 Insulin
insulin glulisine	Apidra U-100 Insulin
insulin isophane NPH, bf-pk	Iletin I NPH
insulin isophane, beef	insulin isophane beef
insulin isophane, pork pure	Iletin II NPH (Pork)
insulin isophane, pork pure	insulin isophane pork pure
insulin lispro	Admelog SoloStar U-100 Insulin
insulin lispro	Admelog U-100 Insulin lispro
insulin lispro	Humalog Junior KwikPen U-100
insulin lispro	Humalog KwikPen Insulin
insulin lispro	Humalog Pen
insulin lispro	Humalog U-100 Insulin
insulin lispro	insulin lispro
insulin lispro-aabc	Lyumjev KwikPen U-100 Insulin
insulin lispro-aabc	Lyumjev KwikPen U-200 Insulin
insulin lispro-aabc	Lyumjev U-100 Insulin
insulin lispro protamine and insulin lispro	Humalog Mix 50-50 Insulin U-100
insulin lispro protamine and insulin lispro	Humalog Mix 50-50 KwikPen
insulin lispro protamine and insulin lispro	Humalog Mix 75-25 KwikPen
insulin lispro protamine and insulin lispro	Humalog Mix 75-25(U-100)Insulin
insulin lispro protamine and insulin lispro	insulin lispro protamin-lispro
insulin NPH human isophane	Humulin N NPH Insulin KwikPen
insulin NPH human isophane	Humulin N NPH U-100 Insulin
insulin NPH human isophane	Humulin N Pen
insulin NPH human isophane	Novolin N Flexpen
insulin NPH human isophane	Novolin N InnoLet
insulin NPH human isophane	Novolin N NPH U-100 Insulin
insulin NPH human isophane	Novolin N PenFill
insulin NPH human isophane/insulin regular, human	Humulin 50/50
insulin NPH human isophane/insulin regular, human	Humulin 70/30 Insulin Pen
insulin NPH human isophane/insulin regular, human	Humulin 70/30 U-100 Insulin
insulin NPH human isophane/insulin regular, human	Humulin 70/30 U-100 KwikPen
insulin NPH human isophane/insulin regular, human	Novolin 70-30 FlexPen U-100

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
insulin NPH human isophane/insulin regular, human	Novolin 70/30 InnoLet Insulin
insulin NPH human isophane/insulin regular, human	Novolin 70/30 PenFill
insulin NPH human isophane/insulin regular, human	Novolin 70/30 U-100 Insulin
insulin regular, human	Afrezza
insulin regular, human	Humulin R Regular U-100 Insulin
insulin regular, human	Humulin R U-500 (Conc) Insulin
insulin regular, human	Humulin R U-500 (Conc) Kwikpen
insulin regular, human	Novolin R Flexpen
insulin regular, human	Novolin R InnoLet
insulin regular, human	Novolin R PenFill
insulin regular, human	Novolin R Regular U-100 Insulin
insulin regular, human in 0.9 % sodium chloride	Myxredlin
insulin regular, human/insulin release unit	Exubera Combination Pack 12
insulin regular, human/insulin release unit	Exubera Combination Pack 15
insulin regular, human/insulin release unit	Exubera Patient Pack
Insulin Regular, Human/Insulin Release Unit/Chamber/Inhaler	Exubera Kit
insulin regular,beef-pork	Iletin I Regular
insulin regular,human buffered	Velosulin BR (rDNA)
insulin regular,human buffered	Velosulin Human Br
insulin zinc beef	Insulin Lente Beef
insulin zinc extended human recombinant	Humulin U Insulin
insulin zinc human recombinant	Humulin L
insulin zinc human recombinant	Novolin L
insulin zinc,beef-pork	Iletin I Lente
insulin zinc,pork purified	Iletin II Lente (Pork)
insulin zinc,pork purified	insulin zinc pork purified
insulin,pork	insulin regular pork
insulin,pork purified	Iletin II Regular (Pork)
insulin,pork purified	Insulin Purified Regular(Pork)
insulin,pork purified	Insulin Regular Purified Pork
linagliptin	Tradjenta
linagliptin/metformin HCl	Jentadueto
linagliptin/metformin HCl	Jentadueto XR
liraglutide	Victoza 2-Pak
liraglutide	Victoza 3-Pak
lixisenatide	Adlyxin
metformin HCl	Fortamet
metformin HCl	Glucophage
metformin HCl	Glucophage XR
metformin HCl	Glumetza
metformin HCl	metformin
metformin HCl	Riomet
metformin HCl	Riomet ER
metformin/amino acids no.7/herbal cmb.125/choline bitartrate	Appformin-D
metformin/caffeine/amino acids 7/herbal comb 125/choline bit	Appformin

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
miglitol	Glyset
miglitol	miglitol
nateglinide	nateglinide
nateglinide	Starlix
pioglitazone HCl	Actos
pioglitazone HCl	pioglitazone
pioglitazone HCl/glimepiride	DUETACT
pioglitazone HCl/glimepiride	pioglitazone-glimepiride
pioglitazone HCl/metformin HCl	Actoplus MET
pioglitazone HCl/metformin HCl	Actoplus Met XR
pioglitazone HCl/metformin HCl	pioglitazone-metformin
pramlintide acetate	Symlin
pramlintide acetate	SymlinPen 120
pramlintide acetate	SymlinPen 60
repaglinide	Prandin
repaglinide	repaglinide
repaglinide/metformin HCl	Prandimet
repaglinide/metformin HCl	repaglinide-metformin
rosiglitazone maleate	Avandia
rosiglitazone maleate/glimepiride	Avandaryl
rosiglitazone maleate/metformin HCl	Avandamet
saxagliptin HCl	Onglyza
saxagliptin HCl/metformin HCl	Kombiglyze XR
semaglutide	Ozempic
semaglutide	Rybelsus
sitagliptin phosphate	Januvia
sitagliptin phosphate/metformin HCl	Janumet
sitagliptin phosphate/metformin HCl	Janumet XR
sitagliptin phosphate/simvastatin	Juvisync
tolazamide	tolazamide
tolazamide	Tolinase
tolbutamide	Orinase
tolbutamide	tolbutamide
troglitazone	Rezulin
Antihistamines	
acetaminophen/chlorpheniramine maleate	COLD and FLU BP
acetaminophen/chlorpheniramine maleate	Coricidin
acetaminophen/chlorpheniramine maleate	Coricidin HBP Cold and Flu
acetaminophen/dexbrompheniramine maleate	Actidogesic
acetaminophen/dexbrompheniramine maleate	Dologen
acetaminophen/dexbrompheniramine maleate	Dologen 325
acetaminophen/dexbrompheniramine maleate	Dologesic-DF
acetaminophen/dexbrompheniramine maleate	Dologesic (w-dexbromphenirmn)
acetaminophen/dexbrompheniramine maleate	G-Dologen
acetaminophen/diphenhydramine citrate	Added Strength Pain Relief PM

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
acetaminophen/diphenhydramine citrate	Excedrin P.M.
acetaminophen/diphenhydramine citrate	Excedrin PM
acetaminophen/diphenhydramine citrate	Goody's PM
acetaminophen/diphenhydramine citrate	Headache PM
acetaminophen/diphenhydramine citrate	Headache Relief PM
acetaminophen/diphenhydramine citrate	Midol PM
acetaminophen/diphenhydramine citrate	Non-Aspirin PM
acetaminophen/diphenhydramine citrate	Pain Medicine P.M.
acetaminophen/diphenhydramine citrate	Pain Reliever PM
acetaminophen/diphenhydramine citrate	PM Pain Reliever
acetaminophen/diphenhydramine HCl	Aceta-Gesic
acetaminophen/diphenhydramine HCl	Acetadryl
acetaminophen/diphenhydramine HCl	Acetaminophen Ex Str Sleep Aid
acetaminophen/diphenhydramine HCl	Acetaminophen PM
acetaminophen/diphenhydramine HCl	Acetaminophen PM Extra Str
acetaminophen/diphenhydramine HCl	Allergy Severe
acetaminophen/diphenhydramine HCl	Aspirin Free Headache PM
acetaminophen/diphenhydramine HCl	Cold Relief
acetaminophen/diphenhydramine HCl	diphenhydramine-acetaminophen
acetaminophen/diphenhydramine HCl	EaZZZe The Pain
acetaminophen/diphenhydramine HCl	Ex-Strength Medi-Tabs PM
acetaminophen/diphenhydramine HCl	Excedrin P.M.
acetaminophen/diphenhydramine HCl	Genapap PM Extra Strength
acetaminophen/diphenhydramine HCl	Headache PM
acetaminophen/diphenhydramine HCl	Leg Pain Relief PM
acetaminophen/diphenhydramine HCl	Legatrin PM
acetaminophen/diphenhydramine HCl	Mapap PM
acetaminophen/diphenhydramine HCl	Masophen PM
acetaminophen/diphenhydramine HCl	Medi-Tabs PM
acetaminophen/diphenhydramine HCl	Midol PM
acetaminophen/diphenhydramine HCl	Midol PM Night Time Formula
acetaminophen/diphenhydramine HCl	Night-Time Cramp Relief
acetaminophen/diphenhydramine HCl	Night Time Pain Medicine
acetaminophen/diphenhydramine HCl	Nighttime Pain Plus Sleep
acetaminophen/diphenhydramine HCl	Non-ASA Ex St Pain/Sleep Aid
acetaminophen/diphenhydramine HCl	Non-ASA Severe Allergy
acetaminophen/diphenhydramine HCl	Non-Aspirin Nighttime
acetaminophen/diphenhydramine HCl	Non-Aspirin Pain Relief PM
acetaminophen/diphenhydramine HCl	Non-Aspirin PM
acetaminophen/diphenhydramine HCl	Non-Aspirin Severe Allergy
acetaminophen/diphenhydramine HCl	Non-Aspirin Sleep Aid
acetaminophen/diphenhydramine HCl	Pain and Sleep
acetaminophen/diphenhydramine HCl	Pain Medicine
acetaminophen/diphenhydramine HCl	Pain PM
acetaminophen/diphenhydramine HCl	Pain Relief PM

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
acetaminophen/diphenhydramine HCl	Pain Relief PM Rapid Release
acetaminophen/diphenhydramine HCl	Pain Relief Severe Congestion
acetaminophen/diphenhydramine HCl	Pain Reliever-Sleep Aid
acetaminophen/diphenhydramine HCl	Pain Reliever (diphen-acetam)
acetaminophen/diphenhydramine HCl	Pain Reliever AM/PM
acetaminophen/diphenhydramine HCl	Pain Reliever and Sleep Aid Pm
acetaminophen/diphenhydramine HCl	Pain Reliever PM
acetaminophen/diphenhydramine HCl	Pain Reliever PM Ex-Strength
acetaminophen/diphenhydramine HCl	Pain Reliever PM Ex St
acetaminophen/diphenhydramine HCl	Percogesic
acetaminophen/diphenhydramine HCl	Percogesic Extra Strength
acetaminophen/diphenhydramine HCl	PM Pain Relief
acetaminophen/diphenhydramine HCl	Severe Allergy
acetaminophen/diphenhydramine HCl	Sominex 2 Pain Relief
acetaminophen/diphenhydramine HCl	Tylenol Cold Relief
acetaminophen/diphenhydramine HCl	Tylenol Cold Relief Nighttime
acetaminophen/diphenhydramine HCl	Tylenol Day and Night
acetaminophen/diphenhydramine HCl	Tylenol PM
acetaminophen/diphenhydramine HCl	Tylenol PM Extra Strength
acetaminophen/diphenhydramine HCl	Tylenol Severe Allergy
acetaminophen/diphenhydramine HCl	Tylenol Sore Throat Night
acetaminophen/diphenhydramine HCl	Tyltab PM
acetaminophen/diphenhydramine HCl	Wal-Nadol PM
acetaminophen/phenyltoloxamine citrate	Aceta-Gesic (with phenyltolox)
acetaminophen/phenyltoloxamine citrate	Acuflex
acetaminophen/phenyltoloxamine citrate	Ali-flex
acetaminophen/phenyltoloxamine citrate	Alpain
acetaminophen/phenyltoloxamine citrate	Anagesic
acetaminophen/phenyltoloxamine citrate	Analgesic
acetaminophen/phenyltoloxamine citrate	Analox 500
acetaminophen/phenyltoloxamine citrate	Apagesic
acetaminophen/phenyltoloxamine citrate	Apaphen
acetaminophen/phenyltoloxamine citrate	Aspirin Free Analgesic
acetaminophen/phenyltoloxamine citrate	Beflex
acetaminophen/phenyltoloxamine citrate	Biogesic
acetaminophen/phenyltoloxamine citrate	Bioregesic
acetaminophen/phenyltoloxamine citrate	Biphenox Tension Headache
acetaminophen/phenyltoloxamine citrate	Cetalox FP
acetaminophen/phenyltoloxamine citrate	Contragesic
acetaminophen/phenyltoloxamine citrate	Dolocar
acetaminophen/phenyltoloxamine citrate	Dologen (phenyltolx-acetamin)
acetaminophen/phenyltoloxamine citrate	Dologesic (w-phenyltoloxamine)
acetaminophen/phenyltoloxamine citrate	Dolorex
acetaminophen/phenyltoloxamine citrate	Duogesic
acetaminophen/phenyltoloxamine citrate	Eckogesic

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
acetaminophen/phenyltoloxamine citrate	Enhance Pain Relief
acetaminophen/phenyltoloxamine citrate	Flextra-650
acetaminophen/phenyltoloxamine citrate	Flextra DS
acetaminophen/phenyltoloxamine citrate	Genasec
acetaminophen/phenyltoloxamine citrate	Genecar
acetaminophen/phenyltoloxamine citrate	Hyflex-650
acetaminophen/phenyltoloxamine citrate	Hyflex-DS
acetaminophen/phenyltoloxamine citrate	Lagesic
acetaminophen/phenyltoloxamine citrate	Majorgesic
acetaminophen/phenyltoloxamine citrate	Medi-Gesic
acetaminophen/phenyltoloxamine citrate	Myophen
acetaminophen/phenyltoloxamine citrate	Neutralize
acetaminophen/phenyltoloxamine citrate	Novagesic
acetaminophen/phenyltoloxamine citrate	Pain-Gesic
acetaminophen/phenyltoloxamine citrate	Percogesic
acetaminophen/phenyltoloxamine citrate	Phenagesic
acetaminophen/phenyltoloxamine citrate	Phenylgesic
acetaminophen/phenyltoloxamine citrate	Phenylpap
acetaminophen/phenyltoloxamine citrate	phenyltoloxamine-acetaminophen
acetaminophen/phenyltoloxamine citrate	Poly-650
acetaminophen/phenyltoloxamine citrate	Q-Gesic
acetaminophen/phenyltoloxamine citrate	Qflex
acetaminophen/phenyltoloxamine citrate	Relagesic
acetaminophen/phenyltoloxamine citrate	Rhinoflex
acetaminophen/phenyltoloxamine citrate	Rhinoflex-650
acetaminophen/phenyltoloxamine citrate	Staflax
acetaminophen/phenyltoloxamine citrate	Tension Headache Reliever
acetaminophen/phenyltoloxamine citrate	Uni-Perr
acetaminophen/phenyltoloxamine citrate	Vistra 650
acetaminophen/phenyltoloxamine citrate	Zflex
acetaminophen/phenyltoloxamine citrate	Zgesic
acetaminophen/phenyltoloxamine citrate/caffeine	Flextra Plus
acetaminophen/pyrilamine maleate/caffeine	Menstrual Complete
acetaminophen/pyrilamine maleate/caffeine	Menstrual Relief
acetaminophen/pyrilamine maleate/caffeine	Midol Complete
acetaminophen/pyrilamine maleate/caffeine	Midol Max St Menstrual
alcaftadine	Lastacaft
ammonium chlor/phenylephrine/hcod/pyril/chlorphenir/pheninda	Hexatussin
aspirin/diphenhydramine citrate	Bayer PM
azatadine maleate	Optimine
azelastine HCl	Astelin
azelastine HCl	Astepro
azelastine HCl	azelastine
azelastine HCl	azelastine (bulk)
azelastine HCl	Optivar

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
azelastine HCl/fluticasone propionate	azelastine-fluticasone
azelastine HCl/fluticasone propionate	Dymista
azelastine/fluticasone/sodium chloride/sodium bicarbonate	Ticalast
bepotastine besilate	Bepreve
betahistine HCl	betahistine (bulk)
Brompheniramine Mal/Diphenhydramine HCl/Phenylephrine HCl	Ala-Hist D
brompheniramine mal/pseudoephedrine HCl/dihydrocodeine bitar	J-COF DHC
brompheniramine maleate	Bidhist
brompheniramine maleate	BPM
brompheniramine maleate	Bromax
brompheniramine maleate	brompheniramine maleate
brompheniramine maleate	brompheniramine maleate (bulk)
brompheniramine maleate	BromSpiro
brompheniramine maleate	Endafed
brompheniramine maleate	J-TAN PD
brompheniramine maleate	Lodrane 12 Hour
brompheniramine maleate	Lodrane ER
brompheniramine maleate	LoHist 12
brompheniramine maleate	ND-Stat
brompheniramine maleate	Oraminic li
brompheniramine maleate	Polytapp Allergy
brompheniramine maleate	Respa-BR
brompheniramine maleate	VaZol
brompheniramine maleate/acetaminophen	Staflex (bromphenira-acetamin)
brompheniramine maleate/codeine phosphate	Brovex CB
brompheniramine maleate/codeine phosphate	Brovex CBX
brompheniramine maleate/codeine phosphate	EndaCof AC
brompheniramine maleate/codeine phosphate	Nalex AC
brompheniramine maleate/diphenhydramine HCl	Ala-Hist
brompheniramine maleate/phenylephrine HCl	Alacol
brompheniramine maleate/phenylephrine HCl	Alenaze-D
brompheniramine maleate/phenylephrine HCl	Alenaze-D NR
brompheniramine maleate/phenylephrine HCl	BPM PE
brompheniramine maleate/phenylephrine HCl	Brohist D
brompheniramine maleate/phenylephrine HCl	Bromax D
brompheniramine maleate/phenylephrine HCl	Bromfed
brompheniramine maleate/phenylephrine HCl	Bromfed PD
brompheniramine maleate/phenylephrine HCl	Bromfenex PE
brompheniramine maleate/phenylephrine HCl	Bromfenex PE Pediatric
brompheniramine maleate/phenylephrine HCl	brompheniramine-phenylephrine
brompheniramine maleate/phenylephrine HCl	Brovex PB
brompheniramine maleate/phenylephrine HCl	BroveX PEB
brompheniramine maleate/phenylephrine HCl	Cenhist
brompheniramine maleate/phenylephrine HCl	Child Triaminic Cold-Allergy
brompheniramine maleate/phenylephrine HCl	Child Wal-Tap Cold-Allergy

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
brompheniramine maleate/phenylephrine HCl	Children's Cold-Allergy (PE)
brompheniramine maleate/phenylephrine HCl	Children's Dibromm Cold-Allerg
brompheniramine maleate/phenylephrine HCl	Cold and Allergy (bromphen-PE)
brompheniramine maleate/phenylephrine HCl	Decon-A
brompheniramine maleate/phenylephrine HCl	Dimaphen (PE)
brompheniramine maleate/phenylephrine HCl	Dimetapp Cold-Allergy (PE)
brompheniramine maleate/phenylephrine HCl	Entre-B
brompheniramine maleate/phenylephrine HCl	Glenmax PEB
brompheniramine maleate/phenylephrine HCl	Histex
brompheniramine maleate/phenylephrine HCl	J-Tan D
brompheniramine maleate/phenylephrine HCl	LoHist-PEB
brompheniramine maleate/phenylephrine HCl	Maxi-Tuss PE
brompheniramine maleate/phenylephrine HCl	Relhist BP
brompheniramine maleate/phenylephrine HCl	Respahist-II
brompheniramine maleate/phenylephrine HCl	Rhinabid
brompheniramine maleate/phenylephrine HCl	Rhinabid PD
brompheniramine maleate/phenylephrine HCl	Ru-Hist D
brompheniramine maleate/phenylephrine HCl	Rynex PE
brompheniramine maleate/phenylephrine HCl	Seradex-LA
brompheniramine maleate/phenylephrine HCl	Tanabid SR
brompheniramine maleate/phenylephrine HCl	V-Hist
brompheniramine maleate/phenylephrine HCl	Vazobid
brompheniramine maleate/phenylephrine HCl	Vazobid-PD
brompheniramine maleate/phenylephrine HCl	VaZol-D
brompheniramine maleate/phenylephrine HCl	Vazotab
brompheniramine maleate/phenylephrine HCl	Wal-Tap
brompheniramine maleate/phenylephrine HCl	Zotex-PE
brompheniramine maleate/phenylephrine HCl/carbetapentane cit	Seradex
brompheniramine maleate/phenylephrine HCl/carbetapentane cit	Trexbrom (bromphen-pe-carbeta)
brompheniramine maleate/phenylephrine HCl/carbetapentane cit	V-Cof
brompheniramine maleate/phenylephrine HCl/carbetapentane cit	Vazotan
brompheniramine maleate/phenylephrine HCl/chlophedianol HCl	Trexbrom
brompheniramine maleate/phenylephrine HCl/codeine phosphate	Brovex PB C
brompheniramine maleate/phenylephrine HCl/codeine phosphate	Brovex PB CX
brompheniramine maleate/phenylephrine HCl/codeine phosphate	M-END PE
brompheniramine maleate/phenylephrine HCl/codeine phosphate	Pluratuss
brompheniramine maleate/phenylephrine HCl/codeine phosphate	Poly-Tussin AC
brompheniramine maleate/phenylephrine HCl/codeine phosphate	TL-Hist CD
brompheniramine maleate/phenylephrine HCl/dextromethorphan	7.5PEH-4BRM-15DM
brompheniramine maleate/phenylephrine HCl/dextromethorphan	Ala-Hist DM
brompheniramine maleate/phenylephrine HCl/dextromethorphan	Alacol DM
brompheniramine maleate/phenylephrine HCl/dextromethorphan	Altipres-B
brompheniramine maleate/phenylephrine HCl/dextromethorphan	AP-Hist DM
brompheniramine maleate/phenylephrine HCl/dextromethorphan	Balacall DM
brompheniramine maleate/phenylephrine HCl/dextromethorphan	Bio T Pres-B

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
brompheniramine maleate/phenylephrine HCl/dextromethorphan	BPM PE DM
brompheniramine maleate/phenylephrine HCl/dextromethorphan	brompheniramin-phenylephrin-DM
brompheniramine maleate/phenylephrine HCl/dextromethorphan	Bromtuss DM
brompheniramine maleate/phenylephrine HCl/dextromethorphan	Brovex PB DM
brompheniramine maleate/phenylephrine HCl/dextromethorphan	BroveX PEB DM
brompheniramine maleate/phenylephrine HCl/dextromethorphan	Centuss DM
brompheniramine maleate/phenylephrine HCl/dextromethorphan	Children's Cold and Cough (PE)
brompheniramine maleate/phenylephrine HCl/dextromethorphan	Children's Cold and Cough DM
brompheniramine maleate/phenylephrine HCl/dextromethorphan	Children's Dibromm DM Cold-Cou
brompheniramine maleate/phenylephrine HCl/dextromethorphan	Cold And Cough
brompheniramine maleate/phenylephrine HCl/dextromethorphan	Cold and Cough DM
brompheniramine maleate/phenylephrine HCl/dextromethorphan	Cold and Cough Elixir
brompheniramine maleate/phenylephrine HCl/dextromethorphan	Dimaphen DM
brompheniramine maleate/phenylephrine HCl/dextromethorphan	Dimetapp DM Cold-Cough (PE)
brompheniramine maleate/phenylephrine HCl/dextromethorphan	Duravent-DPB
brompheniramine maleate/phenylephrine HCl/dextromethorphan	EndaCof - DM
brompheniramine maleate/phenylephrine HCl/dextromethorphan	Glenmax PEB DM
brompheniramine maleate/phenylephrine HCl/dextromethorphan	Glenmax PEB DM Forte
brompheniramine maleate/phenylephrine HCl/dextromethorphan	LoHist-DM
brompheniramine maleate/phenylephrine HCl/dextromethorphan	LoHist PEB DM
brompheniramine maleate/phenylephrine HCl/dextromethorphan	Lortuss DM (bromphen-PE)
brompheniramine maleate/phenylephrine HCl/dextromethorphan	M-Hist DM
brompheniramine maleate/phenylephrine HCl/dextromethorphan	Niva-Hist DM
brompheniramine maleate/phenylephrine HCl/dextromethorphan	Phenylephrine Complex
brompheniramine maleate/phenylephrine HCl/dextromethorphan	Presgen B
brompheniramine maleate/phenylephrine HCl/dextromethorphan	RelCof DM
brompheniramine maleate/phenylephrine HCl/dextromethorphan	Rynex DM
brompheniramine maleate/phenylephrine HCl/dextromethorphan	TL-Hist DM
brompheniramine maleate/phenylephrine HCl/dextromethorphan	Tusdec-DM
brompheniramine maleate/phenylephrine HCl/dextromethorphan	Tussi Pres-B
brompheniramine maleate/phenylephrine HCl/dextromethorphan	Wal-tap DM
brompheniramine maleate/phenylephrine HCl/dextromethorphan	Y-Cof DMX
brompheniramine maleate/phenylephrine HCl/dihydrocodeine bit	brompheniram-PE-dihydrocodeine
brompheniramine maleate/phenylephrine HCl/dihydrocodeine bit	Centussin DHC
brompheniramine maleate/phenylephrine HCl/dihydrocodeine bit	EndaCof-DH
brompheniramine maleate/phenylephrine HCl/dihydrocodeine bit	Poly-Tussin DHC
brompheniramine maleate/phenylpropanolamine HCl	12 Hour Nasal Decongestant
brompheniramine maleate/phenylpropanolamine HCl	Alcomed Ca
brompheniramine maleate/phenylpropanolamine HCl	Allergy-Cold 12 Hour
brompheniramine maleate/phenylpropanolamine HCl	Allergy and Cold
brompheniramine maleate/phenylpropanolamine HCl	Allergy Elixir (PPA)
brompheniramine maleate/phenylpropanolamine HCl	Altatapp
brompheniramine maleate/phenylpropanolamine HCl	Altatapp Cold/Allergy
brompheniramine maleate/phenylpropanolamine HCl	Ampromal FC
brompheniramine maleate/phenylpropanolamine HCl	BPM-PPA

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
brompheniramine maleate/phenylpropanolamine HCl	Brom-Tapp
brompheniramine maleate/phenylpropanolamine HCl	Bromaline
brompheniramine maleate/phenylpropanolamine HCl	Bromaline Extentabs
brompheniramine maleate/phenylpropanolamine HCl	Bromanate
brompheniramine maleate/phenylpropanolamine HCl	Bromapp
brompheniramine maleate/phenylpropanolamine HCl	Bromatapp
brompheniramine maleate/phenylpropanolamine HCl	Bromatapp ER
brompheniramine maleate/phenylpropanolamine HCl	Bromatapp Extentabs
brompheniramine maleate/phenylpropanolamine HCl	Bromphen
brompheniramine maleate/phenylpropanolamine HCl	brompheniramine-PPA
brompheniramine maleate/phenylpropanolamine HCl	Bromphenyl
brompheniramine maleate/phenylpropanolamine HCl	Bromtapp
brompheniramine maleate/phenylpropanolamine HCl	Brotapp
brompheniramine maleate/phenylpropanolamine HCl	Children's Grape Allergy
brompheniramine maleate/phenylpropanolamine HCl	Cold-Allergy
brompheniramine maleate/phenylpropanolamine HCl	Cold-Allergy Relief
brompheniramine maleate/phenylpropanolamine HCl	Cold And Allergy (PPA)
brompheniramine maleate/phenylpropanolamine HCl	Cold And Allergy Relief
brompheniramine maleate/phenylpropanolamine HCl	Cold and Allergy Relief (ppa)
brompheniramine maleate/phenylpropanolamine HCl	Decongestant-Anthistamine
brompheniramine maleate/phenylpropanolamine HCl	Decongestant-Antihistamine
brompheniramine maleate/phenylpropanolamine HCl	Decongestant (PPA)
brompheniramine maleate/phenylpropanolamine HCl	Di-Bromm
brompheniramine maleate/phenylpropanolamine HCl	Di-Bromm Maximum Strength
brompheniramine maleate/phenylpropanolamine HCl	Dibrom Extentabs
brompheniramine maleate/phenylpropanolamine HCl	Dibromm
brompheniramine maleate/phenylpropanolamine HCl	Dibromm Extended Release
brompheniramine maleate/phenylpropanolamine HCl	Dimaphen
brompheniramine maleate/phenylpropanolamine HCl	Dimetapp (brompheniramine-PPA)
brompheniramine maleate/phenylpropanolamine HCl	Dimetapp Allergy
brompheniramine maleate/phenylpropanolamine HCl	Dimetapp Extentab
brompheniramine maleate/phenylpropanolamine HCl	Dyme-Tap TR
brompheniramine maleate/phenylpropanolamine HCl	E.N.T.
brompheniramine maleate/phenylpropanolamine HCl	Friallergia
brompheniramine maleate/phenylpropanolamine HCl	Genatap
brompheniramine maleate/phenylpropanolamine HCl	Gentabs
brompheniramine maleate/phenylpropanolamine HCl	Gentapp
brompheniramine maleate/phenylpropanolamine HCl	Grape Decongestant
brompheniramine maleate/phenylpropanolamine HCl	Grape Elixir
brompheniramine maleate/phenylpropanolamine HCl	Komatapp
brompheniramine maleate/phenylpropanolamine HCl	Medi-Brom
brompheniramine maleate/phenylpropanolamine HCl	Nasal Decongestant-Antihist
brompheniramine maleate/phenylpropanolamine HCl	Nasal Decongestant (PPA)
brompheniramine maleate/phenylpropanolamine HCl	Nu-Med Mastapp
brompheniramine maleate/phenylpropanolamine HCl	Polytapp

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
brompheniramine maleate/phenylpropanolamine HCl	Q-Tapp
brompheniramine maleate/phenylpropanolamine HCl	Siltapp
brompheniramine maleate/phenylpropanolamine HCl	Siltapp-SF
brompheniramine maleate/phenylpropanolamine HCl	Siltapp DAS
brompheniramine maleate/phenylpropanolamine HCl	Siltapp DS
brompheniramine maleate/phenylpropanolamine HCl	Valu-Tapp
brompheniramine maleate/pseudoephedrine HCl	40PSE-4BRM
brompheniramine maleate/pseudoephedrine HCl	AccuHist
brompheniramine maleate/pseudoephedrine HCl	Accuhist Pediatric
brompheniramine maleate/pseudoephedrine HCl	Allent
brompheniramine maleate/pseudoephedrine HCl	Andehist
brompheniramine maleate/pseudoephedrine HCl	Andehist NR
brompheniramine maleate/pseudoephedrine HCl	Bidhist-D
brompheniramine maleate/pseudoephedrine HCl	BPM Pseudo
brompheniramine maleate/pseudoephedrine HCl	Brofed
brompheniramine maleate/pseudoephedrine HCl	Bromadrine
brompheniramine maleate/pseudoephedrine HCl	Bromaline
brompheniramine maleate/pseudoephedrine HCl	Bromanate
brompheniramine maleate/pseudoephedrine HCl	Bromaxefed RF
brompheniramine maleate/pseudoephedrine HCl	Bromdec
brompheniramine maleate/pseudoephedrine HCl	Bromfed
brompheniramine maleate/pseudoephedrine HCl	Bromfed PD
brompheniramine maleate/pseudoephedrine HCl	Bromfenex
brompheniramine maleate/pseudoephedrine HCl	Bromfenex PD
brompheniramine maleate/pseudoephedrine HCl	Bromhist
brompheniramine maleate/pseudoephedrine HCl	Bromhist-NR
brompheniramine maleate/pseudoephedrine HCl	Bromhistine-P
brompheniramine maleate/pseudoephedrine HCl	Bromhistine-PD
brompheniramine maleate/pseudoephedrine HCl	brompheniramine-pseudoephedrin
brompheniramine maleate/pseudoephedrine HCl	Bromtapp Cold-Allergy
brompheniramine maleate/pseudoephedrine HCl	Brotapp
brompheniramine maleate/pseudoephedrine HCl	BroveX PSB
brompheniramine maleate/pseudoephedrine HCl	BroveX PSE
brompheniramine maleate/pseudoephedrine HCl	Brovex SR
brompheniramine maleate/pseudoephedrine HCl	Cardec
brompheniramine maleate/pseudoephedrine HCl	Children's Wal-Tap
brompheniramine maleate/pseudoephedrine HCl	Childrens Cold-Allrgy (p-ephed)
brompheniramine maleate/pseudoephedrine HCl	Childs Cold-Allergy
brompheniramine maleate/pseudoephedrine HCl	Cold-Allergy Dibromm
brompheniramine maleate/pseudoephedrine HCl	Cold and Allergy (bpm-pse)
brompheniramine maleate/pseudoephedrine HCl	Dallergy-JR
brompheniramine maleate/pseudoephedrine HCl	Di Bromm Cold-Allergy
brompheniramine maleate/pseudoephedrine HCl	Dibromm
brompheniramine maleate/pseudoephedrine HCl	Dimaphen
brompheniramine maleate/pseudoephedrine HCl	Dimetapp (brompheniramine-PSE)

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
brompheniramine maleate/pseudoephedrine HCl	Drixoral
brompheniramine maleate/pseudoephedrine HCl	Elixir
brompheniramine maleate/pseudoephedrine HCl	Endafed
brompheniramine maleate/pseudoephedrine HCl	Friallergia
brompheniramine maleate/pseudoephedrine HCl	Histex SR
brompheniramine maleate/pseudoephedrine HCl	lofed
brompheniramine maleate/pseudoephedrine HCl	lofed PD
brompheniramine maleate/pseudoephedrine HCl	J-TAN D PD
brompheniramine maleate/pseudoephedrine HCl	Lodrane
brompheniramine maleate/pseudoephedrine HCl	Lodrane 24 D
brompheniramine maleate/pseudoephedrine HCl	Lodrane D
brompheniramine maleate/pseudoephedrine HCl	Lodrane LD
brompheniramine maleate/pseudoephedrine HCl	LoHist-LQ
brompheniramine maleate/pseudoephedrine HCl	LoHist-PD
brompheniramine maleate/pseudoephedrine HCl	LoHist-PSB
brompheniramine maleate/pseudoephedrine HCl	LoHist 12D
brompheniramine maleate/pseudoephedrine HCl	Nasal Decongest Antihistamine
brompheniramine maleate/pseudoephedrine HCl	Nasal Decongestant
brompheniramine maleate/pseudoephedrine HCl	Nasal Decongestant PD
brompheniramine maleate/pseudoephedrine HCl	PSE BPM
brompheniramine maleate/pseudoephedrine HCl	Pseubrom
brompheniramine maleate/pseudoephedrine HCl	Pseubrom-PD
brompheniramine maleate/pseudoephedrine HCl	Q-Tapp
brompheniramine maleate/pseudoephedrine HCl	Respahist
brompheniramine maleate/pseudoephedrine HCl	Rondec (brompheniramine)
brompheniramine maleate/pseudoephedrine HCl	Rynex PSE
brompheniramine maleate/pseudoephedrine HCl	Sildec (brompheniramine)
brompheniramine maleate/pseudoephedrine HCl	Sinuhist
brompheniramine maleate/pseudoephedrine HCl	TL-Hist PD
brompheniramine maleate/pseudoephedrine HCl	Touro A/H
brompheniramine maleate/pseudoephedrine HCl	Touro Allergy
brompheniramine maleate/pseudoephedrine HCl	Ultrabrom
brompheniramine maleate/pseudoephedrine HCl	Ultrabrom PD
brompheniramine maleate/pseudoephedrine HCl	Uni-Hist
brompheniramine maleate/pseudoephedrine HCl	Uni-Tex 120-10
brompheniramine maleate/pseudoephedrine HCl	Valu-Tapp
brompheniramine maleate/pseudoephedrine HCl	Wal-tap Cold and Allergy
brompheniramine maleate/pseudoephedrine HCl/chlophedianol	Atuss DA
brompheniramine maleate/pseudoephedrine HCl/chlophedianol	Dicel CD
brompheniramine maleate/pseudoephedrine HCl/chlophedianol	Y-Tuss
brompheniramine maleate/pseudoephedrine HCl/codeine phosphat	CPB WC
brompheniramine maleate/pseudoephedrine HCl/codeine phosphat	M-End WC
brompheniramine maleate/pseudoephedrine HCl/codeine phosphat	Mar-Cof BP
brompheniramine maleate/pseudoephedrine HCl/codeine phosphat	Mesehist WC
brompheniramine maleate/pseudoephedrine HCl/codeine phosphat	Rydex

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	30PSE-3BRM-15DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	40PSE-4BRM-20DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	50PSE-3BRM-30DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Accuhist DM Pediatric
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	AccuHist PDX
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	AllanHist PDX Infant
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Anaplex DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Andehist DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Andehist DM NR
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Bio-Dtuss DMX
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Bromadine-DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Bromaline DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Bromanate DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Bromanate DX
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Bromatane DX
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Bromaxefed DM RF
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Bromdec DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Bromdex D
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Brometane DX
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Bromfed DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Bromhist-DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Bromhist PDX
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Bromophed DX
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Bromphenex DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	brompheniramine-pseudoeph-DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Bromplex DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Bromtapp DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Brotapp DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	BroveX PSB DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	BroveX PSE DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Carbodex DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Carbodex DM (brompheniramine)
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Carbofed DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Cardec DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Children's Cold And Cough(PSE)
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Children's Di Bromm DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Children's Elixir DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Cold-Allergy DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Coldec-DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Cough and Cold DM (bpm-pse)
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Dallery DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Decon-Dm
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Deltuss DMX
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Di Bromm Cold-Cough
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Di Bromm DM Cold-Cough

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Dibromm DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Dimaphen DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Dimetane-DX
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Dimetapp DM (PSE)
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	EndaCof-PD
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	EndaCof - DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Friallergia DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Genebrom DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Histacol BD
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Histacol DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	LoHist-PSB-DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Medi-Brom
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Medi-Brom Cold-Allergy DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Myphetane DX
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Neo DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	P-Hist DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	PBM Allergy
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	PediaHist DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	ProHist DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Pse Brom
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Q-Tapp DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Resperal-DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Robitussin Allergy-Cough
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Rondamine DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Rondamine DM (brompheniramine)
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Rondec-DM (brompheniramine)
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Rondec DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Sildec DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Sildec DM (brompheniramine)
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Tuss-Mine D.M.
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Uni-Hist DM Pediatric
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Uni-Hist PDX
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Valu-Tapp DM
brompheniramine maleate/pseudoephedrine HCl/dextromethorphan	Wal-tap DM Cold and Cough
brompheniramine tannate	B-Vex
brompheniramine tannate	brompheniramine tannate
brompheniramine tannate	Brovex
brompheniramine tannate	Brovex CT
brompheniramine tannate	J-TAN
brompheniramine tannate	Lodrane XR
brompheniramine tannate	P-TEX
brompheniramine tannate	TanaCof XR
brompheniramine tannate/phenylephrine tannate	B-Vex D
brompheniramine tannate/phenylephrine tannate	Brom Tann - PE Tann
brompheniramine tannate/phenylephrine tannate	Bromaphedrine D

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
brompheniramine tannate/phenylephrine tannate	brompheniramine-PE tannates
brompheniramine tannate/phenylephrine tannate	BroveX-D
brompheniramine tannate/phenylephrine tannate	Brovex ADT
brompheniramine tannate/phenylephrine tannate	C-Tan D
brompheniramine tannate/phenylephrine tannate	C-Tan D Plus
brompheniramine tannate/phenylephrine tannate	Entre-B
brompheniramine tannate/phenylephrine tannate	J-Tan D
brompheniramine tannate/phenylephrine tannate	Relhist
brompheniramine tannate/phenylephrine tannate	Tanabid
brompheniramine tannate/phenylephrine tannate	Tanabid DA
brompheniramine tannate/phenylephrine tannate	Vazobid (tannates)
brompheniramine tannate/phenylephrine tannate	Vazotab (tannate)
brompheniramine, phenylephrine, and carbetapentane tannates	BetaTan
brompheniramine, phenylephrine, and carbetapentane tannates	Pulmari
brompheniramine, phenylephrine, and carbetapentane tannates	VAZOTan (tannate)
brompheniramine/pseudoeph - chlorphen/phenyleph/methscopolam	Sympak II
carbetapentane citrate/phenylephrine HCl/carbinoxamine	Aridex Pediatric
carbetapentane tannate/diphenhydramine tannate	D-Tann AT
carbetapentane tannate/diphenhydramine tannate	DYTAN-AT
carbetapentane tannate/Ephed Tan/phenylephrine/chlorphenir	Fen-A-Cough
carbetapentane tannate/Ephed Tan/phenylephrine/chlorphenir	Fenatuss
carbetapentane tannate/Ephed Tan/phenylephrine/chlorphenir	Quad-Tuss
carbetapentane tannate/Ephed Tan/phenylephrine/chlorphenir	Quad Tann
carbetapentane tannate/Ephed Tan/phenylephrine/chlorphenir	Quad Tann Pediatric
carbetapentane tannate/Ephed Tan/phenylephrine/chlorphenir	Quadratuss
carbetapentane tannate/Ephed Tan/phenylephrine/chlorphenir	Quadratuss Pediatric
carbetapentane tannate/Ephed Tan/phenylephrine/chlorphenir	R-Tannamine Plus
carbetapentane tannate/Ephed Tan/phenylephrine/chlorphenir	Rentamine
carbetapentane tannate/Ephed Tan/phenylephrine/chlorphenir	Rentamine Pediatric
carbetapentane tannate/Ephed Tan/phenylephrine/chlorphenir	Rhinatate
carbetapentane tannate/Ephed Tan/phenylephrine/chlorphenir	Ry-Tuss
carbetapentane tannate/Ephed Tan/phenylephrine/chlorphenir	Ryna-P.E.C.
carbetapentane tannate/Ephed Tan/phenylephrine/chlorphenir	Rynatuss
carbetapentane tannate/Ephed Tan/phenylephrine/chlorphenir	Rynatuss Pediatric
carbetapentane tannate/Ephed Tan/phenylephrine/chlorphenir	Tanatuss
carbetapentane tannate/Ephed Tan/phenylephrine/chlorphenir	Tetra Tannate Pediatric
carbetapentane tannate/Ephed Tan/phenylephrine/chlorphenir	Tuss-Tan
carbetapentane tannate/Ephed Tan/phenylephrine/chlorphenir	Tuss-Tan Pediatric
carbetapentane tannate/phenylephrine tannate/chlorphenir	Albatussin DH
carbetapentane tannate/phenylephrine tannate/chlorphenir	Albatussin LA
carbetapentane tannate/phenylephrine tannate/chlorphenir	Carbaphen 12
carbetapentane tannate/phenylephrine tannate/chlorphenir	Carbaphen 12 Ped
carbetapentane tannate/phenylephrine tannate/chlorphenir	Exratuss
carbetapentane tannate/phenylephrine tannate/chlorphenir	Pentuss
carbetapentane tannate/phenylephrine tannate/chlorphenir	Rentamine-12

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
carbetapentane tannate/phenylephrine tannate/chlorphenir	Ricotuss
carbetapentane tannate/phenylephrine tannate/chlorphenir	Tannate-12
carbetapentane tannate/phenylephrine tannate/chlorphenir	Tannic-12
carbetapentane tannate/phenylephrine tannate/chlorphenir	Tannihist-12
carbetapentane tannate/phenylephrine tannate/chlorphenir	Trionate Pediatric
carbetapentane tannate/phenylephrine tannate/chlorphenir	Tussi-12
carbetapentane tannate/phenylephrine tannate/chlorphenir	Ultratuss 12 S
carbetapentane tannate/phenylephrine tannate/chlorphenir	Xiratuss
carbetapentane tannate/phenylephrine tannate/diphenhydramine	D-Tann CD
carbetapentane tannate/phenylephrine tannate/diphenhydramine	D-Tann CT
carbetapentane tannate/phenylephrine tannate/diphenhydramine	diphenhydramine-PE-carbetaptan
carbetapentane tannate/phenylephrine tannate/diphenhydramine	Dytan-CS
carbetapentane tannate/phenylephrine tannate/diphenhydramine	Dytan CD
carbetapentane tannate/phenylephrine tannate/diphenhydramine	UNI-TANN CS
carbetapentane tannate/phenylephrine tannate/pyrilamine	C-Tanna 12D
carbetapentane tannate/phenylephrine tannate/pyrilamine	Tannate 12D S
carbetapentane tannate/phenylephrine tannate/pyrilamine	TANNIHIST-12 D
carbetapentane tannate/phenylephrine tannate/pyrilamine	Tussi-12d
carbetapentane tannate/phenylephrine tannate/pyrilamine	Tussi-12D S
carbetapentane tannate/pyrilamine tannate	Pyrlex CB
carbinoxamine maleate	Arbinoxa
carbinoxamine maleate	Carbihist
carbinoxamine maleate	carbinoxamine maleate
carbinoxamine maleate	Carbinoxamine PD
carbinoxamine maleate	Carboxine
carbinoxamine maleate	Cordron NR
carbinoxamine maleate	Histex CT
carbinoxamine maleate	Histex IE
carbinoxamine maleate	Histex PD (carbinoxamine)
carbinoxamine maleate	Histuss
carbinoxamine maleate	Histuss PD
carbinoxamine maleate	Jay-Rx PD
carbinoxamine maleate	Karbinal ER
carbinoxamine maleate	Mintex CT
carbinoxamine maleate	Mintex PD
carbinoxamine maleate	PALGIC
carbinoxamine maleate	Pediatex
carbinoxamine maleate	Pediox
carbinoxamine maleate	RyVent
carbinoxamine maleate/carbinoxamine tannate	carbinoxamine maleate,tannate
carbinoxamine maleate/carbinoxamine tannate	Histex PD 12
carbinoxamine maleate/pseudoephedrine HCl	Andec
carbinoxamine maleate/pseudoephedrine HCl	Andec TR
carbinoxamine maleate/pseudoephedrine HCl	Andehist
carbinoxamine maleate/pseudoephedrine HCl	Andehist NR

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
carbinoxamine maleate/pseudoephedrine HCl	Biodec
carbinoxamine maleate/pseudoephedrine HCl	Bromdec
carbinoxamine maleate/pseudoephedrine HCl	Carbaxefed RF
carbinoxamine maleate/pseudoephedrine HCl	Carbic-D
carbinoxamine maleate/pseudoephedrine HCl	Carbic DS
carbinoxamine maleate/pseudoephedrine HCl	Carbinoxamine
carbinoxamine maleate/pseudoephedrine HCl	carbinoxamine-pseudoephedrine
carbinoxamine maleate/pseudoephedrine HCl	Carbinoxamine PSE
carbinoxamine maleate/pseudoephedrine HCl	Carbiset
carbinoxamine maleate/pseudoephedrine HCl	Carbodec
carbinoxamine maleate/pseudoephedrine HCl	Carbofed
carbinoxamine maleate/pseudoephedrine HCl	Carboxine-PSE
carbinoxamine maleate/pseudoephedrine HCl	Cardec
carbinoxamine maleate/pseudoephedrine HCl	Cardec-S
carbinoxamine maleate/pseudoephedrine HCl	Coldec
carbinoxamine maleate/pseudoephedrine HCl	Coldec-TR
carbinoxamine maleate/pseudoephedrine HCl	Coldec D
carbinoxamine maleate/pseudoephedrine HCl	Coldec DS
carbinoxamine maleate/pseudoephedrine HCl	Cordron-D
carbinoxamine maleate/pseudoephedrine HCl	Cordron-D NR
carbinoxamine maleate/pseudoephedrine HCl	Cydec
carbinoxamine maleate/pseudoephedrine HCl	Ex-Dec-TR
carbinoxamine maleate/pseudoephedrine HCl	Hydro-Tussin CBX
carbinoxamine maleate/pseudoephedrine HCl	Jay-Gic DS
carbinoxamine maleate/pseudoephedrine HCl	Jay-Rx
carbinoxamine maleate/pseudoephedrine HCl	Mintex PSE
carbinoxamine maleate/pseudoephedrine HCl	Palgic D
carbinoxamine maleate/pseudoephedrine HCl	Palgic DS
carbinoxamine maleate/pseudoephedrine HCl	Pediatex-D
carbinoxamine maleate/pseudoephedrine HCl	Pseudo Carb
carbinoxamine maleate/pseudoephedrine HCl	Rondamine
carbinoxamine maleate/pseudoephedrine HCl	Rondec
carbinoxamine maleate/pseudoephedrine HCl	Rondec-TR
carbinoxamine maleate/pseudoephedrine HCl	Sildec
carbinoxamine maleate/pseudoephedrine HCl/dextromethorphan	Andehist DM
carbinoxamine maleate/pseudoephedrine HCl/dextromethorphan	Andehist DM NR
carbinoxamine maleate/pseudoephedrine HCl/dextromethorphan	Balamine DM
carbinoxamine maleate/pseudoephedrine HCl/dextromethorphan	Biodec-DM
carbinoxamine maleate/pseudoephedrine HCl/dextromethorphan	Bromdec DM
carbinoxamine maleate/pseudoephedrine HCl/dextromethorphan	Carbaxefed DM RF
carbinoxamine maleate/pseudoephedrine HCl/dextromethorphan	Carbinox-Pseud-DM RF
carbinoxamine maleate/pseudoephedrine HCl/dextromethorphan	carbinoxamine-pseudoephed-DM
carbinoxamine maleate/pseudoephedrine HCl/dextromethorphan	Carbinoxamine Compound
carbinoxamine maleate/pseudoephedrine HCl/dextromethorphan	Carbodec-DM
carbinoxamine maleate/pseudoephedrine HCl/dextromethorphan	Carbodec DM

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
carbinoxamine maleate/pseudoephedrine HCl/dextromethorphan	Carbodex DM
carbinoxamine maleate/pseudoephedrine HCl/dextromethorphan	Carbofed DM (carbinoxamine)
carbinoxamine maleate/pseudoephedrine HCl/dextromethorphan	Cardec-DM
carbinoxamine maleate/pseudoephedrine HCl/dextromethorphan	Cordron-DM
carbinoxamine maleate/pseudoephedrine HCl/dextromethorphan	Cordron-DM NR
carbinoxamine maleate/pseudoephedrine HCl/dextromethorphan	Cydec DM
carbinoxamine maleate/pseudoephedrine HCl/dextromethorphan	Decahist-DM
carbinoxamine maleate/pseudoephedrine HCl/dextromethorphan	Dynatuss
carbinoxamine maleate/pseudoephedrine HCl/dextromethorphan	Mintex DM
carbinoxamine maleate/pseudoephedrine HCl/dextromethorphan	Pediatex-DM
carbinoxamine maleate/pseudoephedrine HCl/dextromethorphan	Prodec-DM
carbinoxamine maleate/pseudoephedrine HCl/dextromethorphan	PSE Carb DM
carbinoxamine maleate/pseudoephedrine HCl/dextromethorphan	PSE CARBINOXAMINE DM
carbinoxamine maleate/pseudoephedrine HCl/dextromethorphan	Pseudo Carb DM
carbinoxamine maleate/pseudoephedrine HCl/dextromethorphan	Rondamine DM
carbinoxamine maleate/pseudoephedrine HCl/dextromethorphan	Rondec DM
carbinoxamine maleate/pseudoephedrine HCl/dextromethorphan	Sildec DM
carbinoxamine maleate/pseudoephedrine HCl/dextromethorphan	Tussafed
carbinoxamine maleate/pseudoephedrine HCl/dextromethorphan	Tussafed Pediatric
carbinoxamine tannate	Pediatex 12
carbinoxamine tannate/pseudoephedrine tannate	Cordron-12 D
carbinoxamine tannate/pseudoephedrine tannate	Pediatex 12 D
carbinoxamine/pseudoephedrine/dextromethorphan tannates	CARB PSE 12 DM
carbinoxamine/pseudoephedrine/dextromethorphan tannates	Cordron-12 DM
carbinoxamine/pseudoephedrine/dextromethorphan tannates	Pediatex 12 DM
cetirizine HCl	24Hour Allergy
cetirizine HCl	All Day Allergy (cetirizine)
cetirizine HCl	All Day Allergy Relief(cetir)
cetirizine HCl	Aller-Tec
cetirizine HCl	Allergy Relief (cetirizine)
cetirizine HCl	cetirizine
cetirizine HCl	Child's All Day Allergy(cetir)
cetirizine HCl	Child Allergy Relf(cetirizine)
cetirizine HCl	Children's Aller-Tec
cetirizine HCl	Children's Allergy Complete
cetirizine HCl	Children's Allergy(cetirizine)
cetirizine HCl	Children's Cetirizine
cetirizine HCl	Children's Wal-Zyr
cetirizine HCl	Children's Zyrtec Allergy
cetirizine HCl	Children's Zyrtec Hives Relief
cetirizine HCl	Quzyttir
cetirizine HCl	Wal-Zyr (cetirizine)
cetirizine HCl	Zerviate
cetirizine HCl	Zyrtec
cetirizine HCl/pseudoephedrine HCl	All Day Allergy-D

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
cetirizine HCl/pseudoephedrine HCl	Aller-Tec D
cetirizine HCl/pseudoephedrine HCl	Allergy-Congest Relief-D (cet)
cetirizine HCl/pseudoephedrine HCl	Allergy-D (cetirizine)
cetirizine HCl/pseudoephedrine HCl	Allergy Complete-D
cetirizine HCl/pseudoephedrine HCl	Allergy D-12
cetirizine HCl/pseudoephedrine HCl	Allergy Relief-D (cetirizine)
cetirizine HCl/pseudoephedrine HCl	Cetiri-D
cetirizine HCl/pseudoephedrine HCl	cetirizine-pseudoephedrine
cetirizine HCl/pseudoephedrine HCl	Wal-Zyr D
cetirizine HCl/pseudoephedrine HCl	Zyrtec-D
chlor-mal/pseudoephedrine HCl/atropine/hyosc sul/scopolamine	STAHIST (reformulated)
chlorcyclizine HCl	Ahist (chlorcyclizine)
chlorcyclizine HCl/codeine phosphate	Notuss-NX
chlorcyclizine HCl/codeine phosphate	Poly-Tussin
chlorcyclizine HCl/phenylephrine HCl	Dallergy (chlorcyclizine-PE)
chlorcyclizine HCl/phenylephrine HCl	Nasopen-CH
chlorcyclizine HCl/phenylephrine HCl/chlophedianol HCl	Vanacof-PE
Chlorcyclizine HCl/Phenylephrine HCl/Codeine Phosphate	Nasotuss
chlorcyclizine HCl/pseudoephedrine HCl	Nasopen
chlorcyclizine HCl/pseudoephedrine HCl	Stahist AD
chlorcyclizine HCl/pseudoephedrine HCl/chlophedianol HCl	Biclora-D
chlorcyclizine HCl/pseudoephedrine HCl/codeine phosphate	Notuss-NXD
chlorcyclizine HCl/pseudoephedrine HCl/codeine phosphate	Poly-Tussin D
chlorcyclizine HCl/pseudoephedrine HCl/codeine phosphate	Statuss Green (codeine)
chlorcyclizine hydrochloride/chlophedianol hydrochloride	Biclora
chlorpheniram/phenyleph/dextromethorphn/acetaminophen/guaifn	Cold-Flu M-Symptom Day-Night
chlorpheniram/phenyleph/dextromethorphn/acetaminophen/guaifn	Tylenol Cold-Flu Severe Day-Nt
chlorpheniram/phenyleph/dextromethorphn/acetaminophen/guaifn	Ultra Caps
chlorpheniramin tan/phenylephrine tan/methylscopolamine nit	AH-Chew
chlorpheniramin tan/phenylephrine tan/methylscopolamine nit	Ah-Chew Ultra
chlorpheniramin tan/phenylephrine tan/methylscopolamine nit	DuraTan PE
chlorpheniramin tan/phenylephrine tan/methylscopolamine nit	Redur-PCM
Chlorpheniramine Mal/Phenylephrine HCl/Carbetapentane Citr	Carbaphen 12
Chlorpheniramine Mal/Phenylephrine HCl/Carbetapentane Citr	Carbaphen 12 Ped
chlorpheniramine mal/phenylephrine/d-methorphan Hb/aspirin	Alka-Seltzer Plus C/C(PE,DM)
chlorpheniramine mal/phenyltoloxamine cit/phenylephrine HCl	Blanex-A
chlorpheniramine mal/phenyltoloxamine cit/phenylephrine HCl	Chlorex-A
chlorpheniramine mal/phenyltoloxamine cit/phenylephrine HCl	chlorphen-phenyltoloxamine-pe
chlorpheniramine mal/phenyltoloxamine cit/phenylephrine HCl	Coldex-A SR
chlorpheniramine mal/phenyltoloxamine cit/phenylephrine HCl	Comhist
chlorpheniramine mal/phenyltoloxamine cit/phenylephrine HCl	Nalex-A
chlorpheniramine mal/phenyltoloxamine cit/phenylephrine HCl	NoHist-A
chlorpheniramine mal/phenyltoloxamine cit/phenylephrine HCl	Phenyltoloxamine PE CPM
chlorpheniramine mal/phenyltoloxamine cit/phenylephrine HCl	Rhinacon A
chlorpheniramine mal/phenyltoloxamine cit/phenylephrine HCl	West-Decon M

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
chlorpheniramine mal/pseudoephedrine HCl/chlophedianol HCl	DryMax AF
chlorpheniramine maleate	Aller-Chlor
chlorpheniramine maleate	Allergy-Time
chlorpheniramine maleate	Allergy (chlorpheniramine)
chlorpheniramine maleate	Allergy 4-Hour
chlorpheniramine maleate	Allergy Relief(chlorpheniramn)
chlorpheniramine maleate	Allerlief
chlorpheniramine maleate	C P M
chlorpheniramine maleate	Chlo-Amine
chlorpheniramine maleate	Chlor-AI Allergy
chlorpheniramine maleate	Chlor-Mal
chlorpheniramine maleate	Chlor-Phen SA
chlorpheniramine maleate	Chlor-Pheniton
chlorpheniramine maleate	Chlor-Tablet
chlorpheniramine maleate	Chlor-Trimeton
chlorpheniramine maleate	Chlor-Trimeton Allergy 12 hour
chlorpheniramine maleate	Chlor-Trimeton Allergy Repetab
chlorpheniramine maleate	Chlor-Trimeton Repetabs
chlorpheniramine maleate	Chlor-Tripolon
chlorpheniramine maleate	ChlorHist
chlorpheniramine maleate	Chlorphen SR
chlorpheniramine maleate	chlorpheniramine maleate
chlorpheniramine maleate	chlorpheniramine maleate(bulk)
chlorpheniramine maleate	ChlorTabs
chlorpheniramine maleate	CPM 12
chlorpheniramine maleate	Diabetic Tussin
chlorpheniramine maleate	Diabetic Tussin Allergy Relief
chlorpheniramine maleate	Ed-ChlorPed
chlorpheniramine maleate	Ed-Chlortan
chlorpheniramine maleate	ED Chlorped Jr
chlorpheniramine maleate	Genallerate
chlorpheniramine maleate	Pharbechlor
chlorpheniramine maleate	Prohist-8
chlorpheniramine maleate	QDALL AR Once a Day
chlorpheniramine maleate	Synchlor A
chlorpheniramine maleate	Wal-Finate
chlorpheniramine maleate/atropine	Cophene-B
chlorpheniramine maleate/codeine phosphate	chlorpheniramine-codeine
chlorpheniramine maleate/codeine phosphate	Codar AR
chlorpheniramine maleate/codeine phosphate	Cotab A
chlorpheniramine maleate/codeine phosphate	Cotab AX
chlorpheniramine maleate/codeine phosphate	EndaCof-C
chlorpheniramine maleate/codeine phosphate	Lexuss 210
chlorpheniramine maleate/codeine phosphate	Notuss AC
chlorpheniramine maleate/codeine phosphate	TL-Hist CM

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
chlorpheniramine maleate/codeine phosphate	Tuxarin ER
chlorpheniramine maleate/codeine phosphate	Z-Tuss AC
chlorpheniramine maleate/codeine phosphate	Zodryl AC 25
chlorpheniramine maleate/codeine phosphate	Zodryl AC 30
chlorpheniramine maleate/codeine phosphate	Zodryl AC 35
chlorpheniramine maleate/codeine phosphate	Zodryl AC 40
chlorpheniramine maleate/codeine phosphate	Zodryl AC 50
chlorpheniramine maleate/codeine phosphate	Zodryl AC 60
chlorpheniramine maleate/codeine phosphate	Zodryl AC 80
Chlorpheniramine Maleate/Codeine Phosphate/Acetaminophen	Cotabflu
chlorpheniramine maleate/cromolyn sodium	NasalCrom A
chlorpheniramine maleate/dextromethorphan HBr	Added-Strength Cough
chlorpheniramine maleate/dextromethorphan HBr	AMBI 20DM-4CPM
chlorpheniramine maleate/dextromethorphan HBr	Children's Cough-Cold Relief
chlorpheniramine maleate/dextromethorphan HBr	Chld Robitussin Night Cough DM
chlorpheniramine maleate/dextromethorphan HBr	Coricidin HBP Cough and Cold
chlorpheniramine maleate/dextromethorphan HBr	Cough-Cold Relief HBP
chlorpheniramine maleate/dextromethorphan HBr	Cough and Cold (chlorphen-DM)
chlorpheniramine maleate/dextromethorphan HBr	Cough and Cold BP
chlorpheniramine maleate/dextromethorphan HBr	Cough and Runny Nose
chlorpheniramine maleate/dextromethorphan HBr	Cough Formula
chlorpheniramine maleate/dextromethorphan HBr	Decongestant
chlorpheniramine maleate/dextromethorphan HBr	Decongestant D
chlorpheniramine maleate/dextromethorphan HBr	Dimetapp Long-Acting (cpm-DM)
chlorpheniramine maleate/dextromethorphan HBr	Extra Strength Cough
chlorpheniramine maleate/dextromethorphan HBr	Extra Strength Cough Formula
chlorpheniramine maleate/dextromethorphan HBr	Maxi-Tuss DM(chlorpheniramine)
chlorpheniramine maleate/dextromethorphan HBr	Maxichlor DM
chlorpheniramine maleate/dextromethorphan HBr	Robitussin Cough and Cold
chlorpheniramine maleate/dextromethorphan HBr	Robitussin Long-Acting
chlorpheniramine maleate/dextromethorphan HBr	Robitussin Ped Cough-Cold LA
chlorpheniramine maleate/dextromethorphan HBr	Scot-Tussin DM
chlorpheniramine maleate/dextromethorphan HBr	Triacting Cough and Runny Nose
chlorpheniramine maleate/dextromethorphan HBr	Triacting Night Time
chlorpheniramine maleate/dextromethorphan HBr	Triaminic
chlorpheniramine maleate/dextromethorphan HBr	Vicks Children's NyQuil Cold-C
chlorpheniramine maleate/dextromethorphan HBr/guaifenesin	Allfen DMA
chlorpheniramine maleate/dextromethorphan/methylscopolamine	chlorpheniramine-DM-methscop
chlorpheniramine maleate/dextromethorphan/methylscopolamine	Extendryl DM
chlorpheniramine maleate/guaifenesin	Allfen A
chlorpheniramine maleate/methscopolamine nitrate	Aerohist
chlorpheniramine maleate/methscopolamine nitrate	Allergy DN II
chlorpheniramine maleate/methscopolamine nitrate	AlleRx DF
chlorpheniramine maleate/methscopolamine nitrate	AlleRx DF 30
chlorpheniramine maleate/methscopolamine nitrate	BIDNASE

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
chlorpheniramine maleate/methscopolamine nitrate	NoHist-EXT
chlorpheniramine maleate/methscopolamine nitrate	RelCof CPM
chlorpheniramine maleate/methscopolamine nitrate	RespiVent DF
chlorpheniramine maleate/methscopolamine nitrate	RespiVent DF 30
chlorpheniramine maleate/methscopolamine nitrate	Ryneze
chlorpheniramine maleate/phenylephrine bitartrate/aspirin	Alka-Seltzer Plus Cold (PE)
chlorpheniramine maleate/phenylephrine bitartrate/aspirin	Cold Relief
chlorpheniramine maleate/phenylephrine bitartrate/aspirin	Cold Relief Plus
chlorpheniramine maleate/phenylephrine HCl	AccuHist
chlorpheniramine maleate/phenylephrine HCl	Acta-Tabs PE
chlorpheniramine maleate/phenylephrine HCl	Actifed Cold-Allergy
chlorpheniramine maleate/phenylephrine HCl	ALERSULE
chlorpheniramine maleate/phenylephrine HCl	Allerfed Cold and Allergy
chlorpheniramine maleate/phenylephrine HCl	AMBI 10PEH-4CPM
chlorpheniramine maleate/phenylephrine HCl	C-Phen
chlorpheniramine maleate/phenylephrine HCl	Cardec (phenylephrin-chlorphn)
chlorpheniramine maleate/phenylephrine HCl	Centergy
chlorpheniramine maleate/phenylephrine HCl	CERON
chlorpheniramine maleate/phenylephrine HCl	CERON Infant
chlorpheniramine maleate/phenylephrine HCl	Child Dometuss-DA
chlorpheniramine maleate/phenylephrine HCl	Chlor-Mes Jr
chlorpheniramine maleate/phenylephrine HCl	chlorpheniramine-phenylephrine
chlorpheniramine maleate/phenylephrine HCl	Cold and Allergy
chlorpheniramine maleate/phenylephrine HCl	Cold and Allergy PE
chlorpheniramine maleate/phenylephrine HCl	Cold and Allergy Relief (cpm)
chlorpheniramine maleate/phenylephrine HCl	CP DEC
chlorpheniramine maleate/phenylephrine HCl	CPM-PE
chlorpheniramine maleate/phenylephrine HCl	Dallergy-JR
chlorpheniramine maleate/phenylephrine HCl	Dallergy (chlorpheniramine-PE)
chlorpheniramine maleate/phenylephrine HCl	DEC-CHLORPHEN
chlorpheniramine maleate/phenylephrine HCl	Ed A-Hist
chlorpheniramine maleate/phenylephrine HCl	Ed A-Hist (New Dosing)
chlorpheniramine maleate/phenylephrine HCl	Ed Chlorped D
chlorpheniramine maleate/phenylephrine HCl	ExaPhen
chlorpheniramine maleate/phenylephrine HCl	Histadec
chlorpheniramine maleate/phenylephrine HCl	Histatab Plus
chlorpheniramine maleate/phenylephrine HCl	Histex SR
chlorpheniramine maleate/phenylephrine HCl	Histor-D
chlorpheniramine maleate/phenylephrine HCl	LoHist (PE-chlorpheniramine)
chlorpheniramine maleate/phenylephrine HCl	Maxichlor PEH
chlorpheniramine maleate/phenylephrine HCl	Med-Hist PL
chlorpheniramine maleate/phenylephrine HCl	Nasohist
chlorpheniramine maleate/phenylephrine HCl	NoHist
chlorpheniramine maleate/phenylephrine HCl	NoHist-LQ
chlorpheniramine maleate/phenylephrine HCl	Novahistine

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
chlorpheniramine maleate/phenylephrine HCl	Pd-Hist D
chlorpheniramine maleate/phenylephrine HCl	Phenabid
chlorpheniramine maleate/phenylephrine HCl	Phenagil
chlorpheniramine maleate/phenylephrine HCl	Relera
chlorpheniramine maleate/phenylephrine HCl	Rescon-Jr
chlorpheniramine maleate/phenylephrine HCl	Ricobid NR
chlorpheniramine maleate/phenylephrine HCl	Rolatuss
chlorpheniramine maleate/phenylephrine HCl	RONDEC (PE)
chlorpheniramine maleate/phenylephrine HCl	RONDEC (PE) Infant
chlorpheniramine maleate/phenylephrine HCl	Rondex
chlorpheniramine maleate/phenylephrine HCl	SILDEC-PE
chlorpheniramine maleate/phenylephrine HCl	Sinus-Allergy (phenylephrine)
chlorpheniramine maleate/phenylephrine HCl	Sinus and Allergy PE
chlorpheniramine maleate/phenylephrine HCl	Sonahist
chlorpheniramine maleate/phenylephrine HCl	Sudafed PE Sinus-Allergy
chlorpheniramine maleate/phenylephrine HCl	Suphedrine PE Cold and Allergy
chlorpheniramine maleate/phenylephrine HCl	Suphedrine PE Sinus and Allergy
chlorpheniramine maleate/phenylephrine HCl	Triaminic Cold- Allergy PE
chlorpheniramine maleate/phenylephrine HCl	Trigofen
chlorpheniramine maleate/phenylephrine HCl	TUSSANIL
chlorpheniramine maleate/phenylephrine HCl	Virdec
chlorpheniramine maleate/phenylephrine HCl	Wal-Phed PE Sinus and Allergy
chlorpheniramine maleate/phenylephrine HCl/chlophedianol HCl	Carbaphen CH
chlorpheniramine maleate/phenylephrine HCl/chlophedianol HCl	Carbaphen Ped CH
chlorpheniramine maleate/phenylephrine HCl/chlophedianol HCl	DryMax AF
chlorpheniramine maleate/phenylephrine HCl/chlophedianol HCl	ExaPhen CH
chlorpheniramine maleate/phenylephrine HCl/chlophedianol HCl	Giltuss Allergy Plus(chlophed)
chlorpheniramine maleate/phenylephrine HCl/chlophedianol HCl	Phenagil CH
chlorpheniramine maleate/phenylephrine HCl/codeine phosphate	CapCof
chlorpheniramine maleate/phenylephrine HCl/codeine phosphate	Endal CD (cpm-p.ephrrn-codeine)
chlorpheniramine maleate/phenylephrine HCl/codeine phosphate	Maxi-Tuss CD
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	aber-tuss DR
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	AccuHist PDX
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Albatussin SR
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	AMBI 10PEH-4CPM-20DM
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Amerituss AD
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Atuss DM
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Atuss DR
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Balamine DM (chlor-PE)
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Bio-B Kids
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Bio-Rytuss
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Bronkids
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	C-Phen DM
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Cardec DM (phenyleph-chlorphn)
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Centergy DM

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	CERON-DM
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	CERON-DM Infant
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Cerose-DM
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	chlorpheniramine-phenyleph-DM
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Coldtuss-DR
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Corfen-DM
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	CP DEC-DM
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	CPM-PE-DM
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	De-Chlor DM
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	De-Chlor DR
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	DEC-CHLORPHEN DM
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Dex PC
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	DM-PE-Chlor
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Donatussin
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Donatussin DM
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Ed A-Hist DM
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	ED DM
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	EndaCof
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Father John's Medicine Plus
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Gencontuss
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Giltuss Allergy Plus
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Histadec DM
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Maxichlor PEH DM
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Mintuss DM
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Mintuss DR
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Nasohist DM
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Neo DM
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	NeoTuss Plus
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	NoHist-DM
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	NoHist-PDX
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	NoHist DMX
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Norel CS
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Norel DM
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	P Chlor DM
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Pd-Cof
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	PE-Hist DM
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Phenabid DM
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Poly-Tussin DM
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Quartuss DM
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	RE DCP
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Relahist-DM
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Reme Tussin DM
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Ricotuss
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	RONDEC-DM (PE)
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	RONDEC-DM (PE) Infant

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Rondex-DM
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Ru-Tuss A
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Rycontuss
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	SILDEC PE-DM
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Sonahist DM
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Statuss DM
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	TRI-DEX PE
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Tri-Vent DPC
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Trigofen DM
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Trital DM
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Trituss DM
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Tuss-DM
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Tussilan-CL
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Tussplex DM
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Uni-Tuss DM
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Virdec DM
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Z-Dex 12D
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Zoden DM
chlorpheniramine maleate/phenylephrine HCl/dextromethorphan	Zotex-12D
chlorpheniramine maleate/phenylephrine HCl/ibuprofen	Advil Allergy-Congestion Rlf
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	Aerohist Plus
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	AeroKid
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	AH-Chew
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	AH-Chew II
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	Allergy DN PE
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	AlleRx PE
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	Chlor-Mes
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	Chlor-Mes D
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	chlorphen-phenyleph-methscop
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	CPM-PE-MSC
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	CPM 8-PE 20-MSD 1.25
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	D.A. Chewable
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	D.A. II
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	Dallery
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	Dallery PE
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	Dehistine
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	DENAZE
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	DriHist SR
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	Drize-R
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	DryMax
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	Drysec
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	Dura-Vent/DA
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	Duradryl
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	Duradryl JR
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	Duradryl SR

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	Durahist PE
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	Duravent
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	Duravent-DA
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	Extendryl
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	Extendryl JR
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	Extendryl SR
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	Hista-Vent DA
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	Histatab PH
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	NoHist-PE
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	Nohist-Plus
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	Nohist-Plus JR
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	Norel SD
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	OMNIhist II LA
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	Omnihist L.A.
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	PCM
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	PCM Allergy
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	PE-CPM-MSN
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	PE HCL-CPM-MSN
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	Phenacon
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	Phenydryl
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	Phenylephrine CM
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	Pre-hist-D
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	QV-Allergy
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	Ralix
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	RE-Drylex Jr
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	Relcof DN PE
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	Relcof PE
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	Rescon
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	Rescon-MX
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	Rescon Biphasic
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	Scopohist
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	Scopohist-PE
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	SymPak PDX AM-PM
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	Triall
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	Vanex Forte-D
chlorpheniramine maleate/phenylephrine HCl/methylscopolamn	WE Allergy
chlorpheniramine maleate/phenylpropanolamine HCl	12 Hour Relief (ppa-cl-phenir)
chlorpheniramine maleate/phenylpropanolamine HCl	A.R.M. (with PPA)
chlorpheniramine maleate/phenylpropanolamine HCl	Aler-Relief
chlorpheniramine maleate/phenylpropanolamine HCl	Allergy Relief (PPA)
chlorpheniramine maleate/phenylpropanolamine HCl	Altaminic
chlorpheniramine maleate/phenylpropanolamine HCl	Chlornade
chlorpheniramine maleate/phenylpropanolamine HCl	chlorpheniramine-phenylpropan
chlorpheniramine maleate/phenylpropanolamine HCl	Cold-Allergy
chlorpheniramine maleate/phenylpropanolamine HCl	Cold-Gest

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
chlorpheniramine maleate/phenylpropanolamine HCl	Cold Capsule
chlorpheniramine maleate/phenylpropanolamine HCl	Cold Max
chlorpheniramine maleate/phenylpropanolamine HCl	Cold Syrup (chlorphen-PPA)
chlorpheniramine maleate/phenylpropanolamine HCl	Contac
chlorpheniramine maleate/phenylpropanolamine HCl	Contac 12 Hour
chlorpheniramine maleate/phenylpropanolamine HCl	Decongestant (PPA-chlorphen)
chlorpheniramine maleate/phenylpropanolamine HCl	Demazin
chlorpheniramine maleate/phenylpropanolamine HCl	Drize
chlorpheniramine maleate/phenylpropanolamine HCl	Dura-Vent/A
chlorpheniramine maleate/phenylpropanolamine HCl	Genamin Cold
chlorpheniramine maleate/phenylpropanolamine HCl	Histade
chlorpheniramine maleate/phenylpropanolamine HCl	Medamenic Colds/Allergies
chlorpheniramine maleate/phenylpropanolamine HCl	Nasal Decongest/Antihistaminic
chlorpheniramine maleate/phenylpropanolamine HCl	Or-Phen-Ade CR
chlorpheniramine maleate/phenylpropanolamine HCl	Oragest-TD
chlorpheniramine maleate/phenylpropanolamine HCl	Orange Cough Syrup
chlorpheniramine maleate/phenylpropanolamine HCl	Ordrine
chlorpheniramine maleate/phenylpropanolamine HCl	Ordrine SA
chlorpheniramine maleate/phenylpropanolamine HCl	Ornade
chlorpheniramine maleate/phenylpropanolamine HCl	Polyminic
chlorpheniramine maleate/phenylpropanolamine HCl	Propade
chlorpheniramine maleate/phenylpropanolamine HCl	Protac Cold
chlorpheniramine maleate/phenylpropanolamine HCl	Resaid ER
chlorpheniramine maleate/phenylpropanolamine HCl	Rescon (PPA)
chlorpheniramine maleate/phenylpropanolamine HCl	Rhinolar-EX
chlorpheniramine maleate/phenylpropanolamine HCl	Rhinolar-EX 12 Hour
chlorpheniramine maleate/phenylpropanolamine HCl	Silactin
chlorpheniramine maleate/phenylpropanolamine HCl	Silaminic
chlorpheniramine maleate/phenylpropanolamine HCl	T-Medic
chlorpheniramine maleate/phenylpropanolamine HCl	Teldrin
chlorpheniramine maleate/phenylpropanolamine HCl	Thera-Hist
chlorpheniramine maleate/phenylpropanolamine HCl	Time Release Cold
chlorpheniramine maleate/phenylpropanolamine HCl	Tri-A-Phen
chlorpheniramine maleate/phenylpropanolamine HCl	Tri-Acting
chlorpheniramine maleate/phenylpropanolamine HCl	Tri-Fedrine
chlorpheniramine maleate/phenylpropanolamine HCl	Tri-Nefrin
chlorpheniramine maleate/phenylpropanolamine HCl	Triac
chlorpheniramine maleate/phenylpropanolamine HCl	Triac Cold
chlorpheniramine maleate/phenylpropanolamine HCl	Triactin
chlorpheniramine maleate/phenylpropanolamine HCl	Triacting
chlorpheniramine maleate/phenylpropanolamine HCl	Triaminic
chlorpheniramine maleate/phenylpropanolamine HCl	Triogen
chlorpheniramine maleate/phenylpropanolamine HCl	Tristine
chlorpheniramine maleate/phenylpropanolamine HCl	Tussaminic
chlorpheniramine maleate/phenylpropanolamine HCl	Vanex Forte-R

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
chlorpheniramine maleate/pseudoephedrine HCl	A.R.M
chlorpheniramine maleate/pseudoephedrine HCl	AccuHist
chlorpheniramine maleate/pseudoephedrine HCl	Allergy(pseudoephed-chlorphen)
chlorpheniramine maleate/pseudoephedrine HCl	Allerscript
chlorpheniramine maleate/pseudoephedrine HCl	Allertabs
chlorpheniramine maleate/pseudoephedrine HCl	AMBI 60PSE-4CPM
chlorpheniramine maleate/pseudoephedrine HCl	Amerifed
chlorpheniramine maleate/pseudoephedrine HCl	Anamine
chlorpheniramine maleate/pseudoephedrine HCl	Atrohist Pediatric
chlorpheniramine maleate/pseudoephedrine HCl	Biohist LA
chlorpheniramine maleate/pseudoephedrine HCl	Chlor-Pseudo SR
chlorpheniramine maleate/pseudoephedrine HCl	Chlor-Trimeton D
chlorpheniramine maleate/pseudoephedrine HCl	Chlor-Trimeton Decongestant
chlorpheniramine maleate/pseudoephedrine HCl	Chlorafed
chlorpheniramine maleate/pseudoephedrine HCl	Chlorafed H.S.
chlorpheniramine maleate/pseudoephedrine HCl	Chlordrine SR
chlorpheniramine maleate/pseudoephedrine HCl	Chlorfed SR
chlorpheniramine maleate/pseudoephedrine HCl	Chlorphedrine SR
chlorpheniramine maleate/pseudoephedrine HCl	chlorpheniramine-pseudoephed
chlorpheniramine maleate/pseudoephedrine HCl	Clorfed
chlorpheniramine maleate/pseudoephedrine HCl	Codimal L.A.
chlorpheniramine maleate/pseudoephedrine HCl	Codimal L.A. Half
chlorpheniramine maleate/pseudoephedrine HCl	Cold and Allergy (cpm-pse)
chlorpheniramine maleate/pseudoephedrine HCl	Cold and Allergy Suphedrine
chlorpheniramine maleate/pseudoephedrine HCl	Colfed-A
chlorpheniramine maleate/pseudoephedrine HCl	Cophene #2
chlorpheniramine maleate/pseudoephedrine HCl	CPM-PSE
chlorpheniramine maleate/pseudoephedrine HCl	CPM PSE
chlorpheniramine maleate/pseudoephedrine HCl	Curaler
chlorpheniramine maleate/pseudoephedrine HCl	D-Amine-SR
chlorpheniramine maleate/pseudoephedrine HCl	Deconamine
chlorpheniramine maleate/pseudoephedrine HCl	Deconamine SR
chlorpheniramine maleate/pseudoephedrine HCl	Decongest SR
chlorpheniramine maleate/pseudoephedrine HCl	Decongestant Plus
chlorpheniramine maleate/pseudoephedrine HCl	Decongestant SR
chlorpheniramine maleate/pseudoephedrine HCl	Decongestine TR
chlorpheniramine maleate/pseudoephedrine HCl	Deconomed SR
chlorpheniramine maleate/pseudoephedrine HCl	Dicel
chlorpheniramine maleate/pseudoephedrine HCl	Duratuss DA
chlorpheniramine maleate/pseudoephedrine HCl	Dynafed-ER
chlorpheniramine maleate/pseudoephedrine HCl	Dynahist ER
chlorpheniramine maleate/pseudoephedrine HCl	Genaphed Plus
chlorpheniramine maleate/pseudoephedrine HCl	Hayfebro
chlorpheniramine maleate/pseudoephedrine HCl	HISDEC
chlorpheniramine maleate/pseudoephedrine HCl	Histade

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
chlorpheniramine maleate/pseudoephedrine HCl	Histafed
chlorpheniramine maleate/pseudoephedrine HCl	Histalet
chlorpheniramine maleate/pseudoephedrine HCl	Histex
chlorpheniramine maleate/pseudoephedrine HCl	Kronofed-A
chlorpheniramine maleate/pseudoephedrine HCl	Kronofed-A-Jr
chlorpheniramine maleate/pseudoephedrine HCl	LoHist - D
chlorpheniramine maleate/pseudoephedrine HCl	Maxichlor PSE
chlorpheniramine maleate/pseudoephedrine HCl	Med-Hist
chlorpheniramine maleate/pseudoephedrine HCl	Medi-Phedrine Plus
chlorpheniramine maleate/pseudoephedrine HCl	Mintex
chlorpheniramine maleate/pseudoephedrine HCl	N D Clear
chlorpheniramine maleate/pseudoephedrine HCl	Neutrahist
chlorpheniramine maleate/pseudoephedrine HCl	Novafed A
chlorpheniramine maleate/pseudoephedrine HCl	Omadryl DA
chlorpheniramine maleate/pseudoephedrine HCl	Orphedral Ad
chlorpheniramine maleate/pseudoephedrine HCl	PediaCare Cold/Allergy
chlorpheniramine maleate/pseudoephedrine HCl	Pediox
chlorpheniramine maleate/pseudoephedrine HCl	PSE 15-CPM 2
chlorpheniramine maleate/pseudoephedrine HCl	PSE CPM
chlorpheniramine maleate/pseudoephedrine HCl	Pseudafen Plus
chlorpheniramine maleate/pseudoephedrine HCl	Pseudo-Chlor
chlorpheniramine maleate/pseudoephedrine HCl	Pseudo Plus Cold and Allergy
chlorpheniramine maleate/pseudoephedrine HCl	Pseudoephedrine-60 Plus
chlorpheniramine maleate/pseudoephedrine HCl	Pseudoephedrine Cold/Allergy
chlorpheniramine maleate/pseudoephedrine HCl	Pseudoephedrine Plus
chlorpheniramine maleate/pseudoephedrine HCl	Pseudogest Plus
chlorpheniramine maleate/pseudoephedrine HCl	QDALL
chlorpheniramine maleate/pseudoephedrine HCl	RE2+30
chlorpheniramine maleate/pseudoephedrine HCl	Rescon
chlorpheniramine maleate/pseudoephedrine HCl	Rescon-ED
chlorpheniramine maleate/pseudoephedrine HCl	Rescon Jr
chlorpheniramine maleate/pseudoephedrine HCl	Rinade-Bid
chlorpheniramine maleate/pseudoephedrine HCl	Ryna
chlorpheniramine maleate/pseudoephedrine HCl	Sanfed A
chlorpheniramine maleate/pseudoephedrine HCl	Sinus and Allergy(pseudoephed)
chlorpheniramine maleate/pseudoephedrine HCl	Su-Phed Plus
chlorpheniramine maleate/pseudoephedrine HCl	Su-Phedrin Plus
chlorpheniramine maleate/pseudoephedrine HCl	Suclor
chlorpheniramine maleate/pseudoephedrine HCl	Sudafed Cold-Allergy
chlorpheniramine maleate/pseudoephedrine HCl	Sudafed Plus
chlorpheniramine maleate/pseudoephedrine HCl	SudaHist
chlorpheniramine maleate/pseudoephedrine HCl	SudoGest Cold and Allergy
chlorpheniramine maleate/pseudoephedrine HCl	SudoGest Plus
chlorpheniramine maleate/pseudoephedrine HCl	SudoGest Sinus and Allergy
chlorpheniramine maleate/pseudoephedrine HCl	Suphedrin Plus

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
chlorpheniramine maleate/pseudoephedrine HCl	Suphedrine Cold-Allergy
chlorpheniramine maleate/pseudoephedrine HCl	Suphedrine Plus
chlorpheniramine maleate/pseudoephedrine HCl	Thera-Hist Cold and Allergy
chlorpheniramine maleate/pseudoephedrine HCl	Tibamine LA
chlorpheniramine maleate/pseudoephedrine HCl	Time-Hist
chlorpheniramine maleate/pseudoephedrine HCl	Tri Acting Cold-Allergy
chlorpheniramine maleate/pseudoephedrine HCl	Triactin
chlorpheniramine maleate/pseudoephedrine HCl	Triactin Cold and Allergy
chlorpheniramine maleate/pseudoephedrine HCl	Triacting
chlorpheniramine maleate/pseudoephedrine HCl	Triacting Cold-Allergy
chlorpheniramine maleate/pseudoephedrine HCl	Triacting Orange
chlorpheniramine maleate/pseudoephedrine HCl	Triaminic Cold/Allergy
chlorpheniramine maleate/pseudoephedrine HCl	Triaminic Softchews
chlorpheniramine maleate/pseudoephedrine HCl	Wal-Finate-D
chlorpheniramine maleate/pseudoephedrine HCl	Wal-phed
chlorpheniramine maleate/pseudoephedrine HCl/codeine	Tricode AR
chlorpheniramine maleate/pseudoephedrine HCl/codeine	Zodryl DAC 25
chlorpheniramine maleate/pseudoephedrine HCl/codeine	Zodryl DAC 30
chlorpheniramine maleate/pseudoephedrine HCl/codeine	Zodryl DAC 35
chlorpheniramine maleate/pseudoephedrine HCl/codeine	Zodryl DAC 40
chlorpheniramine maleate/pseudoephedrine HCl/codeine	Zodryl DAC 50
chlorpheniramine maleate/pseudoephedrine HCl/codeine	Zodryl DAC 60
chlorpheniramine maleate/pseudoephedrine HCl/codeine	Zodryl DAC 80
chlorpheniramine maleate/pseudoephedrine HCl/ibuprofen	Advil Allergy Sinus
chlorpheniramine maleate/pseudoephedrine HCl/ibuprofen	Advil Multi-Symptom Cold
chlorpheniramine maleate/pseudoephedrine HCl/ibuprofen	Children's Advil Allergy Sinus
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	AccuHist PDX
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	AMBI 60PSE-4CPM-20DM
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Amerifed DM
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Child's Allergy Cold-Cough
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Children's Cough-Cold
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Children's Nite-Time
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Children's Nite-Time Cold Med
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Children's Nite Time
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Children's NyQuil
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Children's NyQuil Cold/Cough
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Children's Triaminic-D MS Cold
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Children Night Time Cold-Cough
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Childs Allergy
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	chlorpheniramine-pseudoeph-DM
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Cold and Night Time Cough
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	CPM-PSE DM
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Creomulsion Complete
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Creomulsion Pediatric
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Deltuss

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Dicel DM
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Esocor P
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Genedel
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	HDC DM
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Kidkare Cough/Cold
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	M-End DM
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Maxichlor PSE DM
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Mesehist DM
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Neutrahist PDX
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Night Time Cold/Cough Formula
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Nite Time Cold Formula
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Pedi-Atric Cough/Cold
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Pedi-Atric Nightrest
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Pedia Relief
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Pedia Relief Cough-Cold
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	PediaCare
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	PediaCare Cough/Cold
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	PediaCare Night Rest
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Pediatric Cough and Cold
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Pediatric Cough/Cold Formula
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Polyminic Night Time
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Rescon-DM
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Robitussin Pediatric Night
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Robitussin PM
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Sudatuss DM
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Thera-Hist
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Thor
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Triactin Cold-Cough
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Triacting
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Triacting Cold-Cough
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Triacting Cold and Cough
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Triacting Cough and Sore Throat
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Triacting M-Sym Cold/Cough
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Triacting Multi-Symptom
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Triacting Night Time
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Triaminic Cold and Cough
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Triaminic Cough-Cold
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Tussafed
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Vicks Children's NyQuil
chlorpheniramine maleate/pseudoephedrine/dextromethorphan	Vicks Formula 44M Pediatric
chlorpheniramine tannate	Ahist (chlorpheniramine)
chlorpheniramine tannate	ChlorTan
chlorpheniramine tannate	ED-CHLOR-TAN
chlorpheniramine tannate	Ed ChlorPed
chlorpheniramine tannate	Ervahist

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
chlorpheniramine tannate	MYCI CHLOR-TAN
chlorpheniramine tannate	Myci ChlorPed
chlorpheniramine tannate	P-Tann
chlorpheniramine tannate	PediaPhyl
chlorpheniramine tannate	PediaTan
chlorpheniramine tannate	Pediox-S
chlorpheniramine tannate	Ricobid-H
chlorpheniramine tannate	Tanahist-PD
chlorpheniramine tannate/carbetapentane tannate	C-Tanna 12
chlorpheniramine tannate/carbetapentane tannate	chlorphen-carbetapent tannates
chlorpheniramine tannate/carbetapentane tannate	Rentamine-12
chlorpheniramine tannate/carbetapentane tannate	Ricotuss-H
chlorpheniramine tannate/carbetapentane tannate	Tana T-12
chlorpheniramine tannate/carbetapentane tannate	Tannate 12 S
chlorpheniramine tannate/carbetapentane tannate	Tannic-12
chlorpheniramine tannate/carbetapentane tannate	Tannic-12 S
chlorpheniramine tannate/carbetapentane tannate	Tannihist-12 RF
chlorpheniramine tannate/carbetapentane tannate	Trionate
chlorpheniramine tannate/carbetapentane tannate	Trionate NF
chlorpheniramine tannate/carbetapentane tannate	Tussi-12
chlorpheniramine tannate/carbetapentane tannate	Tussi-12 S
chlorpheniramine tannate/carbetapentane tannate	Tussizone-12 RF
chlorpheniramine tannate/carbetapentane tannate	Tustan 12S
chlorpheniramine tannate/methscopolamine nitrate	Dexodryl
chlorpheniramine tannate/pseudoephedrine tannate	C-Phed Tannate
chlorpheniramine tannate/pseudoephedrine tannate	chlorphen-pseudoephed tannates
chlorpheniramine tannate/pseudoephedrine tannate	CP-Tannic
chlorpheniramine tannate/pseudoephedrine tannate	Dicel
chlorpheniramine tannate/pseudoephedrine tannate	Duotan
chlorpheniramine tannate/pseudoephedrine tannate	Durafed
chlorpheniramine tannate/pseudoephedrine tannate	Sudal 12 Tannate
chlorpheniramine tannate/pseudoephedrine tannate	Tana PSE
chlorpheniramine tannate/pseudoephedrine tannate	Tanafed
chlorpheniramine/dextromethorphan/acetaminophen/guaifenesin	Coricidin HBP Day-Night
chlorpheniramine/phenylephrine/dextromethorphan/guaifenesin	Broncopectol
chlorpheniramine/phenylephrine/dextromethorphan/guaifenesin	Chlordex GP
chlorpheniramine/phenylephrine/dextromethorphan/guaifenesin	chlorpheniramine-PE-DM-guaifen
chlorpheniramine/phenylephrine/dextromethorphan/guaifenesin	Donatussin (with guaifenesin)
chlorpheniramine/phenylephrine/dextromethorphan/guaifenesin	Genelan
chlorpheniramine/phenylephrine/dextromethorphan/guaifenesin	GenePatuss
chlorpheniramine/phenylephrine/dextromethorphan/guaifenesin	LANZATUSS-N.F.
chlorpheniramine/phenylephrine/dextromethorphan/guaifenesin	Lartus
chlorpheniramine/phenylephrine/dextromethorphan/guaifenesin	Panatuss
chlorpheniramine/phenylephrine/dextromethorphan/guaifenesin	Qual-Tussin
chlorpheniramine/phenylephrine/dextromethorphan/guaifenesin	Quartuss

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
chlorpheniramine/phenylephrine/dextromethorphan/guaifenesin	TUSSIGEN-N.F
chlorpheniramine/phenylephrine/dextromethorphan/guaifenesin	Tussilan
chlorpheniramine/phenylephrine/dextromethorphan/guaifenesin	Tussilan-N.F.
chlorpheniramine/phenylephrine/dextromethorphan/guaifenesin	Zotex-DM
chlorpheniramine/phenylpropanolamine bitartrate/aspirin	Alka-Seltzer Plus Cold
chlorpheniramine/phenylpropanolamine bitartrate/aspirin	Effervescent Cold
chlorpheniramine/ppseudoephedrine/dextromethorphan tannates	Allres DS
chlorpheniramine/ppseudoephedrine/dextromethorphan tannates	Atuss DS
chlorpheniramine/ppseudoephedrine/dextromethorphan tannates	C-Phed DM Tannate
chlorpheniramine/ppseudoephedrine/dextromethorphan tannates	chlorphen-pseudoeph-DM tannate
chlorpheniramine/ppseudoephedrine/dextromethorphan tannates	Dicel DM
chlorpheniramine/ppseudoephedrine/dextromethorphan tannates	Duotan DM
chlorpheniramine/ppseudoephedrine/dextromethorphan tannates	Entre-S
chlorpheniramine/ppseudoephedrine/dextromethorphan tannates	T-Tanna DM
chlorpheniramine/ppseudoephedrine/dextromethorphan tannates	Tana DM
chlorpheniramine/ppseudoephedrine/dextromethorphan tannates	Tanafed DM
chlorpheniramn/pseudoephed/dextromethorph/guaifen/pot guaiaic	Lemotussin-DM
clemastine fumarate	Allergy Relief (clemastine)
clemastine fumarate	Allerhist-1
clemastine fumarate	Allerhist (clemastine)
clemastine fumarate	Anti-Hist 1
clemastine fumarate	Antihistamine 12hr
clemastine fumarate	clemastine
clemastine fumarate	Clemastine-1
clemastine fumarate	clemastine fumarate (bulk)
clemastine fumarate	Contac 12 Hour Allergy
clemastine fumarate	Dailyhist-1
clemastine fumarate	Dailyhist-D 1
clemastine fumarate	Dayhist
clemastine fumarate	Dayhist-1
clemastine fumarate	Dayhist Allergy
clemastine fumarate	Tavist
clemastine fumarate	Tavist-1
clemastine fumarate	Vistamine
clemizole HCl	clemizole HCl (bulk)
codeine phosphate/bromodiphenhydramine HCl	Ambenyl
codeine phosphate/bromodiphenhydramine HCl	Ambophen
codeine phosphate/bromodiphenhydramine HCl	Bromanyl
codeine phosphate/bromodiphenhydramine HCl	bromodiphenhydramine-codeine
codeine phosphate/pyrilamine maleate	Pro-Clear AC
codeine phosphate/pyrilamine maleate	Tricodene with Codeine
codeine polistirex/chlorpheniramine polistirex	Tuzistra XR
cyclizine HCl	Cyclivert
cyclizine HCl	Marezine
cyproheptadine HCl	cyproheptadine

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Generic Name	Brand Name
cyproheptadine HCl	cyproheptadine (bulk)
cyproheptadine HCl	Periactin
D-Methorphan Tan/Phenylephrine Tan/Pyril Mal/D-Bromphen Tan	Poly Tan DM
desloratadine	Clarinex
desloratadine	desloratadine
desloratadine/pseudoephedrine sulfate	Clarinex-D 12 HOUR
desloratadine/pseudoephedrine sulfate	Clarinex-D 24 HOUR
dexbromphen-pseudoephedrine-dextromethorphan	M-End DMX
dexbrompheniramine maleate	Ala-Hist IR
dexbrompheniramine maleate	Isodex
dexbrompheniramine maleate	Isohist 2.0
dexbrompheniramine maleate	Pediavent
dexbrompheniramine maleate/chlophedianol HCl	Chlo Hist
dexbrompheniramine maleate/phenylephrine HCl	Ala-Hist PE
dexbrompheniramine maleate/phenylephrine HCl	Alahist PE
dexbrompheniramine maleate/phenylephrine HCl	Dallergy (dexbrompheniramn-PE)
dexbrompheniramine maleate/phenylephrine HCl	dexbrompheniramine-phenyleph
dexbrompheniramine maleate/phenylephrine HCl/chlophedianol	Chlo Tuss (with phenylephrine)
dexbrompheniramine maleate/pseudoephedrine HCl	Acticon (dexbromph-pse)
dexbrompheniramine maleate/pseudoephedrine HCl	Alcomed 2-60
dexbrompheniramine maleate/pseudoephedrine HCl	Conex
dexbrompheniramine maleate/pseudoephedrine HCl	Disophrol
dexbrompheniramine maleate/pseudoephedrine HCl	Sudex
dexbrompheniramine maleate/pseudoephedrine HCl/chlophedianol	Chlo Tuss
dexbrompheniramine maleate/pseudoephedrine HCl/codeine phos	M-End Max D
dexbrompheniramine maleate/pseudoephedrine sulfate	12-Hour Allergy-Cold Medicine
dexbrompheniramine maleate/pseudoephedrine sulfate	12 Hour Antihist-Decongestant
dexbrompheniramine maleate/pseudoephedrine sulfate	12 Hour Antihistamine
dexbrompheniramine maleate/pseudoephedrine sulfate	12 Hour Cold
dexbrompheniramine maleate/pseudoephedrine sulfate	12 Hour Decongestant (PSE-dbr)
dexbrompheniramine maleate/pseudoephedrine sulfate	12 Hour Nasal Decongestant
dexbrompheniramine maleate/pseudoephedrine sulfate	12 Hour Relief
dexbrompheniramine maleate/pseudoephedrine sulfate	Antihistamine Nasal Decongest
dexbrompheniramine maleate/pseudoephedrine sulfate	Cold-Allergy Relief
dexbrompheniramine maleate/pseudoephedrine sulfate	Decongestant
dexbrompheniramine maleate/pseudoephedrine sulfate	Dexaphen
dexbrompheniramine maleate/pseudoephedrine sulfate	Disobrom
dexbrompheniramine maleate/pseudoephedrine sulfate	Disophrol
dexbrompheniramine maleate/pseudoephedrine sulfate	Dixaphedrine
dexbrompheniramine maleate/pseudoephedrine sulfate	Drexophed
dexbrompheniramine maleate/pseudoephedrine sulfate	Drixomed
dexbrompheniramine maleate/pseudoephedrine sulfate	Drixoral Cold-Allergy
dexbrompheniramine maleate/pseudoephedrine sulfate	Pharmadrine
Dexchlorpheniramine Mal/Pseudoephedrine/Methscopolamine Nit	CoryZa-D
Dexchlorpheniramine Mal/Pseudoephedrine/Methscopolamine Nit	D-Hist D

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
Dexchlorpheniramine Mal/Pseudoephedrine/Methscopolamine Nit	Durahist D
Dexchlorpheniramine Mal/Pseudoephedrine/Methscopolamine Nit	Histatab D
dexchlorpheniramine maleate	Dexchlor
dexchlorpheniramine maleate	dexchlorpheniramine maleate
dexchlorpheniramine maleate	Polaramine
dexchlorpheniramine maleate	Polaramine Repetab
dexchlorpheniramine maleate	Ryclora
dexchlorpheniramine maleate/phenylephrine HCl	NalDex
dexchlorpheniramine maleate/phenylephrine HCl	Rescon-MX
dexchlorpheniramine maleate/phenylephrine HCl	Rescon Jr
dexchlorpheniramine maleate/phenylephrine HCl	Rhinahist
dexchlorpheniramine maleate/phenylephrine HCl	Rymed (dexchlorpheniramine-PE)
dexchlorpheniramine maleate/phenylephrine HCl	Stahist (dexchlorpheniramine)
dexchlorpheniramine maleate/phenylephrine HCl/carb-pentane	Corzall-PE
dexchlorpheniramine maleate/phenylephrine HCl/codeine	Dexphen w-c
dexchlorpheniramine maleate/phenylephrine HCl/codeine	Pro-Red AC (w/ dexchlorphenir)
dexchlorpheniramine maleate/phenylephrine HCl/codeine	Vanacof CD
dexchlorpheniramine maleate/phenylephrine/dextromethorphan	Polytussin DM
dexchlorpheniramine maleate/pseudoephed/dextromethorphan HBr	Abatuss DMX
dexchlorpheniramine maleate/pseudoephed/dextromethorphan HBr	Deltuss DMX (dexchlorphen)
dexchlorpheniramine maleate/pseudoephedrine HCl	Deltuss DP
dexchlorpheniramine maleate/pseudoephedrine HCl	Hexafed
dexchlorpheniramine maleate/pseudoephedrine HCl	Rescon
dexchlorpheniramine maleate/pseudoephedrine/chlophedianol	Abanatuss PED
dexchlorpheniramine maleate/pseudoephedrine/chlophedianol	dexchlorphen-PSE-chlophedianol
dexchlorpheniramine maleate/pseudoephedrine/chlophedianol	Panatuss PED
dexchlorpheniramine maleate/pseudoephedrine/chlophedianol	Panatuss PED Drops
dexchlorpheniramine maleate/pseudoephedrine/chlophedianol	Vanacof
dextromethorphan HBr/acetaminophen/chlorpheniramine maleate	Child's Non-ASA Cough,Run.Nose
dextromethorphan HBr/acetaminophen/chlorpheniramine maleate	Child's Tylenol plusCough,RNos
dextromethorphan HBr/acetaminophen/chlorpheniramine maleate	Child Plus Cough and RunnyNose
dextromethorphan HBr/acetaminophen/chlorpheniramine maleate	Children's Cough and RunnyNose
dextromethorphan HBr/acetaminophen/chlorpheniramine maleate	Children's Mapap Cough-Sinus
dextromethorphan HBr/acetaminophen/chlorpheniramine maleate	Coricidin HBP Flu
dextromethorphan HBr/acetaminophen/chlorpheniramine maleate	Diabetic Tussin
dextromethorphan HBr/acetaminophen/chlorpheniramine maleate	Diabetic Tussin Cold/Flu
dextromethorphan HBr/acetaminophen/chlorpheniramine maleate	Flu BP
dextromethorphan HBr/acetaminophen/chlorpheniramine maleate	Flu HBP
dextromethorphan HBr/acetaminophen/chlorpheniramine maleate	Flu Relief BP
dextromethorphan HBr/acetaminophen/chlorpheniramine maleate	Maximum Strength Flu
dextromethorphan HBr/acetaminophen/chlorpheniramine maleate	Triaminic
dextromethorphan HBr/acetaminophen/chlorpheniramine maleate	Triaminic Flu-Cough-Fever
dextromethorphan HBr/acetaminophen/chlorpheniramine maleate	Vicks 44 Custom Care
dextromethorphan HBr/acetaminophen/chlorpheniramine maleate	Vicks NyQuil Cold/Flu (cpm)
dextromethorphan HBr/acetaminophen/diphenhydramine HCl	Diabetic Tussin Night Time

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
dextromethorphan HBr/acetaminophen/doxylamine	All-Nite Cold-Flu
dextromethorphan HBr/acetaminophen/doxylamine	CLEAR COUGH PM
dextromethorphan HBr/acetaminophen/doxylamine	Cold-Flu Relief
dextromethorphan HBr/acetaminophen/doxylamine	Contac Cold-Flu Night
dextromethorphan HBr/acetaminophen/doxylamine	Coricidin HBP Cold-Multi Sympt
dextromethorphan HBr/acetaminophen/doxylamine	Cough-Sore Throat Night
dextromethorphan HBr/acetaminophen/doxylamine	Cough and Sore Throat
dextromethorphan HBr/acetaminophen/doxylamine	Delsym Cough-Cold
dextromethorphan HBr/acetaminophen/doxylamine	Delsym NightTime Multi-Symptom
dextromethorphan HBr/acetaminophen/doxylamine	Night Time
dextromethorphan HBr/acetaminophen/doxylamine	Night Time (Doxy-DM-acetam)
dextromethorphan HBr/acetaminophen/doxylamine	Night Time Cold
dextromethorphan HBr/acetaminophen/doxylamine	Night Time Cold-Flu
dextromethorphan HBr/acetaminophen/doxylamine	Night Time Cold-Flu Relief
dextromethorphan HBr/acetaminophen/doxylamine	Night Time Cold and Flu Relief
dextromethorphan HBr/acetaminophen/doxylamine	Night Time Cough-Sore Throat
dextromethorphan HBr/acetaminophen/doxylamine	Nighttime Cold-Flu
dextromethorphan HBr/acetaminophen/doxylamine	Nighttime Cold-Flu Relief
dextromethorphan HBr/acetaminophen/doxylamine	Nighttime Cold Medicine
dextromethorphan HBr/acetaminophen/doxylamine	Nite-Time
dextromethorphan HBr/acetaminophen/doxylamine	Nite-Time Cold-Flu
dextromethorphan HBr/acetaminophen/doxylamine	Nite Time Cold-Flu
dextromethorphan HBr/acetaminophen/doxylamine	Nite Time Cold-Flu Formula
dextromethorphan HBr/acetaminophen/doxylamine	Nite Time Cold-Flu Relief
dextromethorphan HBr/acetaminophen/doxylamine	Nitetime Multi-Symptom
dextromethorphan HBr/acetaminophen/doxylamine	Pain Relief Cough-Nighttime
dextromethorphan HBr/acetaminophen/doxylamine	Robitussin Cold-Flu Night
dextromethorphan HBr/acetaminophen/doxylamine	Tylenol Cough, Sore Throat D/N
dextromethorphan HBr/acetaminophen/doxylamine	Tylenol Cough, Sore Throat NT
dextromethorphan HBr/acetaminophen/doxylamine	Vicks Nature Fusion Cold-Flu
dextromethorphan HBr/acetaminophen/doxylamine	Vicks NyQuil Cold/Flu (doxyl)
dextromethorphan HBr/acetaminophen/doxylamine	Vicks NyQuil Cold/Flu Liquicap
dextromethorphan HBr/acetaminophen/doxylamine	Vicks Nyquil Nighttime Relief
dextromethorphan HBr/doxylamine succinate	Daytime-Nighttime Cough
dextromethorphan HBr/doxylamine succinate	NightTime Cough
dextromethorphan HBr/doxylamine succinate	Nite Time Cough
dextromethorphan HBr/doxylamine succinate	Nitetime Cough
dextromethorphan HBr/doxylamine succinate	Robitussin Nighttime Cough DM
dextromethorphan HBr/doxylamine succinate	SafeTussin PM
dextromethorphan HBr/doxylamine succinate	Tussin Nighttime Cough DM
dextromethorphan HBr/doxylamine succinate	Vicks NyQuil Cough
dextromethorphan HBr/phenylephrine HCl/carbinoxamine	DACEX-A
dextromethorphan HBr/phenylephrine HCl/carbinoxamine	DMax
dextromethorphan HBr/phenylephrine HCl/carbinoxamine	Tricold Pediatric
dextromethorphan HBr/phenylephrine HCl/carbinoxamine	TRITUSS-A

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
dextromethorphan HBr/phenylephrine HCl/carbinoxamine	X-Hist DM Pediatric
dextromethorphan HBr/phenylephrine HCl/carbinoxamine	XiraHistDM Pediatric
dextromethorphan HBr/phenylephrine HCl/dexbrompheniramine	Alahist CF
dextromethorphan HBr/phenylephrine HCl/dexbrompheniramine	Alahist DM
dextromethorphan HBr/phenylephrine HCl/dexbrompheniramine	Bionatuss DXP
dextromethorphan HBr/phenylephrine HCl/dexbrompheniramine	Dexall
dextromethorphan HBr/phenylephrine HCl/dexbrompheniramine	G-P-Tuss DXP
dextromethorphan HBr/phenylephrine HCl/dexbrompheniramine	Panatuss DXP (New)
dextromethorphan HBr/phenylephrine HCl/dexbrompheniramine	Panatuss DXP Pediatric (New)
dextromethorphan HBr/phenylephrine HCl/dexbrompheniramine	Supress A
dextromethorphan HBr/phenylephrine HCl/dexbrompheniramine	TUSSALL
dextromethorphan HBr/phenylephrine HCl/dexbrompheniramine	TUSSALL-ER
dextromethorphan HBr/phenylephrine HCl/dexbrompheniramine	Y-Cof DM
dextromethorphan HBr/phenylephrine HCl/pheniramine	Theraflu Cold-Cough
dextromethorphan HBr/phenylephrine/acetaminophen/doxylamine	Alka-Seltzer Plus D-N (acetam)
dextromethorphan HBr/phenylephrine/acetaminophen/doxylamine	Alka-Seltzer Plus Night
dextromethorphan HBr/phenylephrine/acetaminophen/doxylamine	Alka-Seltzer Plus Night-Time
dextromethorphan HBr/phenylephrine/acetaminophen/doxylamine	Alka-Seltzer Plus Sin-Allg-Cgh
dextromethorphan HBr/phenylephrine/acetaminophen/doxylamine	Cold-Flu Relief, Day/Night
dextromethorphan HBr/phenylephrine/acetaminophen/doxylamine	Cold and Flu Relief Plus (D/N)
dextromethorphan HBr/phenylephrine/acetaminophen/doxylamine	Cold Multi-Symptom NightTime
dextromethorphan HBr/phenylephrine/acetaminophen/doxylamine	Daytime-Nighttime
dextromethorphan HBr/phenylephrine/acetaminophen/doxylamine	Daytime-Nighttime Cold-Flu
dextromethorphan HBr/phenylephrine/acetaminophen/doxylamine	Delsym Multi-Symptom
dextromethorphan HBr/phenylephrine/acetaminophen/doxylamine	Mucinex Fast-Max Nite (doxyl)
dextromethorphan HBr/phenylephrine/acetaminophen/doxylamine	Nite Time Cold-Flu Relief (PE)
dextromethorphan HBr/phenylephrine/acetaminophen/doxylamine	Severe Cold and Flu Nighttime
dextromethorphan HBr/phenylephrine/acetaminophen/doxylamine	Severe Sinus Congest Alrgy-Cgh
dextromethorphan HBr/phenylephrine/acetaminophen/doxylamine	Tylenol Cold Max Night
dextromethorphan HBr/phenylephrine/acetaminophen/doxylamine	Tylenol Cold Multi-Sympt Night
dextromethorphan HBr/phenylephrine/acetaminophen/doxylamine	Vicks DayQuil-NyQuil
dextromethorphan HBr/phenylephrine/acetaminophen/doxylamine	Vicks DayQuil-NyQuil Cold-Flu
dextromethorphan HBr/phenylephrine/acetaminophen/doxylamine	Vicks NyQuil Severe Cold-Flu
Dextromethorphan Hbr/Phenylephrine/Acetaminophen/Pyrilamine	Mastussin Night Relief
dextromethorphan HBr/phenylpropanolamine HCl/ASA/chlorphenir	Alka-Seltzer Plus Cold/Cough
dextromethorphan HBr/phenylpropanolamine HCl/ASA/chlorphenir	Effervescent Cold Relief
dextromethorphan HBr/phenylpropanolamine HCl/brompheniramine	Balhistine DM
dextromethorphan HBr/phenylpropanolamine HCl/brompheniramine	Boca-Hist DM
dextromethorphan HBr/phenylpropanolamine HCl/brompheniramine	Brom-Tapp DM
dextromethorphan HBr/phenylpropanolamine HCl/brompheniramine	Bromaline-DM
dextromethorphan HBr/phenylpropanolamine HCl/brompheniramine	Bromanate DM
dextromethorphan HBr/phenylpropanolamine HCl/brompheniramine	Bromatapp DM
dextromethorphan HBr/phenylpropanolamine HCl/brompheniramine	brompheniramine-phenylprop-DM
dextromethorphan HBr/phenylpropanolamine HCl/brompheniramine	Bromtapp DM
dextromethorphan HBr/phenylpropanolamine HCl/brompheniramine	Brotapp-DM

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
dextromethorphan HBr/phenylpropanolamine HCl/brompheniramine	Cold And Allergy DM
dextromethorphan HBr/phenylpropanolamine HCl/brompheniramine	Cold And Cough DM (PPA)
dextromethorphan HBr/phenylpropanolamine HCl/brompheniramine	Decongestant, Antihistamine DM
dextromethorphan HBr/phenylpropanolamine HCl/brompheniramine	Delhistine DM
dextromethorphan HBr/phenylpropanolamine HCl/brompheniramine	Dibromm DM
dextromethorphan HBr/phenylpropanolamine HCl/brompheniramine	Dimaphen DM
dextromethorphan HBr/phenylpropanolamine HCl/brompheniramine	Dimetapp Cold/Cough
dextromethorphan HBr/phenylpropanolamine HCl/brompheniramine	Dimetapp DM (PPA)
dextromethorphan HBr/phenylpropanolamine HCl/brompheniramine	DuraHistine DM
dextromethorphan HBr/phenylpropanolamine HCl/brompheniramine	Elixir DM
dextromethorphan HBr/phenylpropanolamine HCl/brompheniramine	Fenahistine Dm
dextromethorphan HBr/phenylpropanolamine HCl/brompheniramine	Friallergia DM
dextromethorphan HBr/phenylpropanolamine HCl/brompheniramine	Gentapp DM
dextromethorphan HBr/phenylpropanolamine HCl/brompheniramine	Grape Elixir DM
dextromethorphan HBr/phenylpropanolamine HCl/brompheniramine	Highland DM
dextromethorphan HBr/phenylpropanolamine HCl/brompheniramine	Histasil-DM
dextromethorphan HBr/phenylpropanolamine HCl/brompheniramine	Histine DM
dextromethorphan HBr/phenylpropanolamine HCl/brompheniramine	Histinex DM
dextromethorphan HBr/phenylpropanolamine HCl/brompheniramine	Iohist DM
dextromethorphan HBr/phenylpropanolamine HCl/brompheniramine	Multi-Hist DM
dextromethorphan HBr/phenylpropanolamine HCl/brompheniramine	Nasal Decongest, Antihist DM
dextromethorphan HBr/phenylpropanolamine HCl/brompheniramine	P-Hist
dextromethorphan HBr/phenylpropanolamine HCl/brompheniramine	Poly-DM
dextromethorphan HBr/phenylpropanolamine HCl/brompheniramine	Poly-Histine DM
dextromethorphan HBr/phenylpropanolamine HCl/brompheniramine	Polytine DM
dextromethorphan HBr/phenylpropanolamine HCl/brompheniramine	Prohistine-DM
dextromethorphan HBr/phenylpropanolamine HCl/brompheniramine	Q-Tapp DM AF
dextromethorphan HBr/phenylpropanolamine HCl/brompheniramine	Red Grape Flavored Elixir Dm
dextromethorphan HBr/phenylpropanolamine HCl/brompheniramine	Siltapp DM Cold and Cough
dextromethorphan HBr/phenylpropanolamine HCl/brompheniramine	Trihist-DM
dextromethorphan HBr/phenylpropanolamine HCl/brompheniramine	Uni-Multihist DM
dextromethorphan HBr/phenylpropanolamine HCl/brompheniramine	Valu-Tapp DM
dextromethorphan HBr/phenylpropanolamine HCl/chlorphenir	Cheracol Plus
dextromethorphan HBr/phenylpropanolamine HCl/chlorphenir	Cold Syrup Multi-Symptom
dextromethorphan HBr/phenylpropanolamine HCl/chlorphenir	Medamenic Multi Symptom Relief
dextromethorphan HBr/phenylpropanolamine HCl/chlorphenir	Minic Multi-Symptom
dextromethorphan HBr/phenylpropanolamine HCl/chlorphenir	Multiminic
dextromethorphan HBr/phenylpropanolamine HCl/chlorphenir	Polyminic Cold/Cough
dextromethorphan HBr/phenylpropanolamine HCl/chlorphenir	Thera-Histal
dextromethorphan HBr/phenylpropanolamine HCl/chlorphenir	Tri-Fedricol
dextromethorphan HBr/phenylpropanolamine HCl/chlorphenir	Triacting Multi-Symptom
dextromethorphan HBr/phenylpropanolamine HCl/chlorphenir	Triaminicol
dextromethorphan HBr/phenylpropanolamine HCl/chlorphenir	Tricodene Forte
dextromethorphan HBr/phenylpropanolamine HCl/chlorphenir	Tussaminic Multi-Symptom
dextromethorphan HBr/PPA bit/acetaminophen/chlorpheniramine	Alka-Seltzer Plus Flu/Body

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
dextromethorphan HBr/ppa/acetaminophen/chlorpheniramine	Athenol
dextromethorphan HBr/ppa/acetaminophen/chlorpheniramine	Cold Caplets Maximum Strength
dextromethorphan HBr/ppa/acetaminophen/chlorpheniramine	Cold Caps Severe Cold/Flu
dextromethorphan HBr/ppa/acetaminophen/chlorpheniramine	Complete Cold (PPA)
dextromethorphan HBr/ppa/acetaminophen/chlorpheniramine	Complete Cold Reliever
dextromethorphan HBr/ppa/acetaminophen/chlorpheniramine	Contac
dextromethorphan HBr/ppa/acetaminophen/chlorpheniramine	Contac Severe Cold/Flu
dextromethorphan HBr/ppa/acetaminophen/chlorpheniramine	Genacol
dextromethorphan HBr/ppa/acetaminophen/chlorpheniramine	Severe Cold (with PPA)
dextromethorphan HBr/ppa/acetaminophen/chlorpheniramine	Severe Cold and Flu (PPA)
dextromethorphan HBr/ppa/acetaminophen/chlorpheniramine	Severe Cold Formula
dextromethorphan HBr/ppa/acetaminophen/chlorpheniramine	Severe Cold/Flu Max St
dextromethorphan HBr/ppa/acetaminophen/pyrilamine	Theracaps
dextromethorphan HBr/pseudoephed/acetaminophen/dp-hydramine	Contac Day/Night Allergy/Sinus
dextromethorphan HBr/pseudoephed/acetaminophen/dp-hydramine	Contac Day/Night Cold/Flu
dextromethorphan HBr/pseudoephed/acetaminophen/dp-hydramine	Day and Night Cold
dextromethorphan HBr/pseudoephed/acetaminophen/dp-hydramine	Severe Cold and Flu
dextromethorphan HBr/pseudoephed/acetaminophen/dp-hydramine	Tylenol Flu Convenience Pack
dextromethorphan HBr/pseudoephedrine HCl/acetaminophen/pyril	Robitussin Night Relief
dextromethorphan HBr/salicylamide/chlorpheniramine/caffeine	Hi Potency Cold Relief
dextromethorphan polistirex/Pseudoephed Pl/chlorpheniramine	Atuss-12 DM
dextromethorphan tannate/p-ephed tan/dexchlorpheniramine	A-Dex DM
dextromethorphan tannate/p-ephed tan/dexchlorpheniramine	Bromatan Plus
dextromethorphan tannate/p-ephed tan/dexchlorpheniramine	C-Phed DPD TANNATE
dextromethorphan tannate/p-ephed tan/dexchlorpheniramine	Dur-Tann Forte
dextromethorphan tannate/p-ephed tan/dexchlorpheniramine	DuraTan FORTE
dextromethorphan tannate/p-ephed tan/dexchlorpheniramine	Indamix DM
dextromethorphan tannate/p-ephed tan/dexchlorpheniramine	SuTan-DM
dextromethorphan tannate/p-ephed tan/dexchlorpheniramine	Tanacof-DM
dextromethorphan tannate/p-ephed tan/dexchlorpheniramine	Tanafed DMX
dextromethorphan tannate/p-ephed tan/dexchlorpheniramine	Tandur DM
dextromethorphan tannate/p-ephed tan/dexchlorpheniramine	Tannate DMP-DEX
dextromethorphan tannate/p-ephed tan/dexchlorpheniramine	Tannate PD-DM
dextromethorphan tannate/p-ephed tan/dexchlorpheniramine	Tri-Fed X
Dextromethorphan Tannate/Phenylephrine Tan/Dexchlorphen Tan	dexchlorphenir-phenylep-DM tan
Dextromethorphan Tannate/Phenylephrine Tan/Dexchlorphen Tan	Donatussin DM
dextromethorphan tannate/phenylephrine tannate/br-phenir	Bromatan-DM
dextromethorphan tannate/phenylephrine tannate/br-phenir	brompheniramine-PE-DM tannates
dextromethorphan tannate/phenylephrine tannate/br-phenir	Dur-Tann DM
dextromethorphan tannate/phenylephrine tannate/br-phenir	DuraTan DM
dextromethorphan tannate/phenylephrine tannate/br-phenir	Neo DM
dextromethorphan tannate/phenylephrine tannate/br-phenir	New Allergy DM
dextromethorphan tannate/phenylephrine tannate/chlorphenir	Maxiphen ADT
dextromethorphan tannate/phenylephrine tannate/Pyril Tan	AllanVan-DM
dextromethorphan tannate/phenylephrine tannate/Pyril Tan	Deconsal DM

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
dextromethorphan tannate/phenylephrine tannate/Pyril Tan	pyrilamine-phenylephrin-DM tan
dextromethorphan tannate/phenylephrine tannate/Pyril Tan	SINADEX 12
dextromethorphan tannate/phenylephrine tannate/Pyril Tan	Tannate-V-DM
dextromethorphan tannate/phenylephrine tannate/Pyril Tan	ViraTan-DM
dextromethorphan tannate/phenylephrine tannate/Pyril Tan	Viravan DM
dextromethorphan tannate/phenylephrine tannate/Pyril Tan	Zotex-12
dextromethorphan tannate/pseudoephedrine tannate/br-phenir	Anaplex DMX
dextromethorphan tannate/pseudoephedrine tannate/br-phenir	bromphen-pseudoeph-DM tannates
Dextromethorphan, Pseudoephedrine, & Pyrilamine Tannates	Viravan-PDM (Tannate)
dextromethorphan/phenylephrine/acetaminophen/chlorpheniramin	Adlt Robitussin Cough-Cold-Flu
dextromethorphan/phenylephrine/acetaminophen/chlorpheniramin	Alka-Seltzer Plus Cold/CoughFm
dextromethorphan/phenylephrine/acetaminophen/chlorpheniramin	Alka-Seltzer Plus Flu
dextromethorphan/phenylephrine/acetaminophen/chlorpheniramin	Child's Non-ASA Multi-Sx Cold
dextromethorphan/phenylephrine/acetaminophen/chlorpheniramin	Child Triaminic MS Fever-Cold
dextromethorphan/phenylephrine/acetaminophen/chlorpheniramin	Children's Dimetapp Cold-Flu
dextromethorphan/phenylephrine/acetaminophen/chlorpheniramin	Children's Flu Relief
dextromethorphan/phenylephrine/acetaminophen/chlorpheniramin	Children's Plus Flu
dextromethorphan/phenylephrine/acetaminophen/chlorpheniramin	Children's Tylenol Plus Flu
dextromethorphan/phenylephrine/acetaminophen/chlorpheniramin	Childrens Plus Multi-Symp Cold
dextromethorphan/phenylephrine/acetaminophen/chlorpheniramin	Childrens Tylenol Plus MS Cold
dextromethorphan/phenylephrine/acetaminophen/chlorpheniramin	Cold Head Congestion Day/Nite
dextromethorphan/phenylephrine/acetaminophen/chlorpheniramin	Cold Head Congestion Nighttime
dextromethorphan/phenylephrine/acetaminophen/chlorpheniramin	Cold Multi-Symptom (chlorphen)
dextromethorphan/phenylephrine/acetaminophen/chlorpheniramin	Cold Multi-Symptom Day/Night
dextromethorphan/phenylephrine/acetaminophen/chlorpheniramin	Cold Relief M/S Day/Night
dextromethorphan/phenylephrine/acetaminophen/chlorpheniramin	Comtrex Day/Night Cold-Cough
dextromethorphan/phenylephrine/acetaminophen/chlorpheniramin	Comtrex Nighttime Cold-Cough
dextromethorphan/phenylephrine/acetaminophen/chlorpheniramin	Daytime and Nighttime Cold
dextromethorphan/phenylephrine/acetaminophen/chlorpheniramin	Deltuss-A
dextromethorphan/phenylephrine/acetaminophen/chlorpheniramin	Giltuss Multi-Symptom Cold-Flu
dextromethorphan/phenylephrine/acetaminophen/chlorpheniramin	Head Congestion Cold Relief
dextromethorphan/phenylephrine/acetaminophen/chlorpheniramin	Head Congestion Day-Night
dextromethorphan/phenylephrine/acetaminophen/chlorpheniramin	Multi-Symptom Cold (pe-cpm)
dextromethorphan/phenylephrine/acetaminophen/chlorpheniramin	Multi-Symptom Cold Night Time
dextromethorphan/phenylephrine/acetaminophen/chlorpheniramin	Night Time Cold
dextromethorphan/phenylephrine/acetaminophen/chlorpheniramin	PAIN RELIEF COLD PE NIGHTTIME
dextromethorphan/phenylephrine/acetaminophen/chlorpheniramin	Robitussin Cold, Cough,and Flu
dextromethorphan/phenylephrine/acetaminophen/chlorpheniramin	Theraflu Nighttime Severe Cold
dextromethorphan/phenylephrine/acetaminophen/chlorpheniramin	Tussin Cough-Cold-Flu
dextromethorphan/phenylephrine/acetaminophen/chlorpheniramin	Tylenol Cold Head Cong Day-Nig
dextromethorphan/phenylephrine/acetaminophen/chlorpheniramin	Tylenol Cold Head Conges Night
dextromethorphan/phenylephrine/acetaminophen/chlorpheniramin	Tylenol Cold M-S Day/Night
dextromethorphan/phenylephrine/acetaminophen/chlorpheniramin	Tylenol Cold Multi-Sympt Night
dextromethorphan/phenylephrine/acetaminophen/diphenhydramine	Day-Night Severe Cold-Flu
dextromethorphan/phenylephrine/acetaminophen/diphenhydramine	Flu Formula Daytime-Nighttime

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
dextromethorphan/phenylephrine/acetaminophen/diphenhydramine	HerbioMed Deep Cold-Flu Night
dextromethorphan/phenylephrine/acetaminophen/diphenhydramine	Multi-Symptom Severe Cold-Nt
dextromethorphan/phenylephrine/acetaminophen/diphenhydramine	Respa C and C
dextromethorphan/phenylephrine/acetaminophen/diphenhydramine	Respa C and C IR
dextromethorphan/phenylephrine/acetaminophen/diphenhydramine	Theraflu Day-Night Cold,Cough
dextromethorphan/phenylephrine/acetaminophen/diphenhydramine	Wal-Flu Day-Night Cold-Cough
Dextromethorphan/Phenylephrine/Diphenhydramine Tannates	D-Tann DM
Dextromethorphan/Phenylephrine/Diphenhydramine Tannates	Duratuss AC12
Dextromethorphan/Phenylephrine/Diphenhydramine Tannates	Dytan-DM
Dextromethorphan/Phenylephrine/Diphenhydramine Tannates	Livetan DM
Dextromethorphan/Phenylephrine/Pyrilamine/Dexchlorpheniramin	CoryZa-DM
Dextromethorphan/Phenylephrine/Pyrilamine/Dexchlorpheniramin	P-Hist
Dextromethorphan/Phenylephrine/Pyrilamine/Dexchlorpheniramin	ProHist Syrup
Dextromethorphan/Phenylephrine/Pyrilamine/Dexchlorpheniramin	Resperal
dextromethorphan/pseudoephedrine/acetaminophen/brompheniram	Child's Dimetapp Nighttime Flu
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniram	666 Cough and Cold
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniram	Alka-Seltzer Plus-D Sinus-Cold
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniram	Alka-Seltzer Plus C/C (PSE)
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniram	Apdc Cold
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniram	Child Cold
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniram	Child Non-Aspirin Cough,Cold
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniram	Child Pain Relief Cold-Cough
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniram	Children's Cold
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniram	Children's Cold and Cough(cpm)
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniram	Children's Cold Plus Cough
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniram	Children's Flu
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniram	Children's Mapap Cold/Cough
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniram	Children's Multi-Symptom Plus
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniram	Children's Non-Aspirin Cold
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniram	Children's Non-Aspirin Plus
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniram	Children's Pain Relief-Cold
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniram	Children's Tylenol Cold-Cough
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniram	Children's Tylenol Flu
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniram	Co-APAP
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniram	Cold-Flu-Cough
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniram	Cold and Cough Relief
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniram	Cold Care
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniram	Cold Relief
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniram	Cold Relief w/o Aspirin
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniram	Cold Relief Without Aspirin
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniram	Cold Reliever
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniram	Cold Reliever Maximum Strength
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniram	Combination Cold
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniram	Combination Symptom Cold
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniram	Complete Cold

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Complete Cold and Flu
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Complete Cold Non-Aspirin
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Complete Symptom Cold Relief
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Comtrex
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Comtrex Day and Night
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Comtrex Multi-Symptom Cold/Flu
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Comtrex Nighttime Cold-Cough
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Contact
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Cough-Cold and Flu Relief
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Cough and Cold Plus
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Cough and Cold Tab
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Cough FM Decong
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Cough Mixture
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Cough Syrup M
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Cough, Cold and Flu Relief-M
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Cough/Cold Childs APAP
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Ex-Prin Cold and Cough
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Ex-Prin Mult-Sym Child Cold
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Flu-Cold-Cough Night Time
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Flu-Cold-Cough Nighttime
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Flu-Cough-Cold
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Flu-Cough-Cold Max Strength
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Flu and Cold Medicine
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Flu Formula
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Flu Severe Cold-Congestion
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Flu, Cold and Cough Medicine
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Flu, Cold, and Cough Medicine
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Flu, Cough and Cold Medicine
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Flu,Cold and Cough Ex-Strength
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Flu/Cough/Cold
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Formula M Cough,Cold and Flu
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Genacol Max St Cold/Flu Relief
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Kolephrin-DM
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Mapap Cold Formula
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Max Strength Complete
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Multi-Symptom Cold
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Multi-Symptom Cold-Cough
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Multi-Symptom Cold Relief
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Multi-Symptom Cold Reliever
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Multi-Symptom Cold/Flu Relief
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Multi-Symptom Cough
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Multi Symptom Child Cold/Cough
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Multi Symptom Cold
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Multidexol M
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	NightTime Cold-Cough

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Nighttime Flu-Cold-Cough
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Nighttime Flu,Cold, Cough
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Non-Aspirin Cold
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Non-Aspirin Cold Formula
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Non-Aspirin Cold Medicine
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Non-Aspirin Plus Cold, Cough
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Non Aspirin Cold Complete Form
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Non Aspirin Cold Plus Cough
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Pain Relief Cold
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Pain Relief Plus Flu
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Pain Reliever Cold
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Pain Reliever Flu Child
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Robitussin Cough-Congestion
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Severe Cold and Flu
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Severe Cold/Flu Maximum Str
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	St. Joseph Night Cold Relief
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Symptomatic Cold Relief
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Symptomatic Cold Tablet
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Theraflu Cold-Cough
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Theraflu MS Severe Cold-Cough
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Theraflu Nighttime Formula
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Theraflu Severe Cold-Cough
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Triacting
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Triacting Cold-Cough
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Triaminic Flu-Cough-Fever
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Tylenol Cold
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Tylenol Cold Day-Night Pack
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Tylenol Cold Severe Congest
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Ultra Caps
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Ultra Flu
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Ultrex
dextromethorphan/pseudoephedrine/acetaminophen/chlorpheniramine	Vicks Formula 44M
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Alka-Seltzer + Night-Time Cold
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Alka-Seltzer Plus Cold+Flu
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	All-Nite Cold Formula
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Children's Nite Time
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Contac Cold/Flu Nitetime
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Masquil
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Night-Time
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Night-Time Cold Formula
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Night Time
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Night Time Cold
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Night Time Cold-Flu
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Night Time Cold-Flu Relief
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Night Time Cold and Flu Relief

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Night Time Cold Formula
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Night Time Cold Liquicap
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Night Time Cold Medicine
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Night Time Colds Medicine
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Night Time Formula
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	NIGHTTIME COLD FORMULA
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Nighttime Cold Medicine
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Nighttime Cold Mixture
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Nighttime Liquid Softgel
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Nite-Time Cold Medicine
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Nite Time
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Nite Time-D Cold-Flu Relief
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Nite Time Cold
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Nite Time Cold-Flu Relief(PSE)
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Nite Time Cold Formula
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Nite Time Cold Medicine
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Nite Time Cough
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Nite Time Cough-Cold
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Nite Time Cough Formula
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Nite Time Cough Medicine
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Nite Time Multi-Symptom
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Nitetime
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Nitetime Cold Formula
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Nitetime Liquid
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Nitetime Multi-Symptom
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Nycair
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	NyQuil
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	NyQuil D
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	NyQuil Hot Therapy
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	NyQuil Liquicaps
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Ri-Quel
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Robitussin Night-Time Cold
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Theraflu Nighttime Severe Cold
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Tylenol Cold-Flu Severe Night
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Tylenol Flu Night Time
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Tylenol Nighttime Severe
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Vicks NyQuil
dextromethorphan/pseudoephedrine HCl/acetaminophen/doxylamine	Vicks NyQuil Liquicaps
dihydrocodeine bitart/chlorpheniramine mal/pseudoephedrine	Coldcough
dihydrocodeine bitart/chlorpheniramine mal/pseudoephedrine	Dihydro-CP
dihydrocodeine bitart/chlorpheniramine mal/pseudoephedrine	Hydro-Tussin DHC
dihydrocodeine bitart/chlorpheniramine mal/pseudoephedrine	Pancof
dihydrocodeine bitart/chlorpheniramine mal/pseudoephedrine	Tricof
dihydrocodeine bitart/chlorpheniramine mal/pseudoephedrine	UNI-COF
dimenhydrinate	dimenhydrinate

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
dimenhydrinate	dimenhydrinate (bulk)
dimenhydrinate	Dmh-Syrup
dimenhydrinate	Dramamine
dimenhydrinate	Driminate
dimenhydrinate	Dymenate
dimenhydrinate	Motion Relief
dimenhydrinate	Motion Sickness
dimenhydrinate	Motion Sickness Relief
dimenhydrinate	Motion Sicktabs
dimenhydrinate	Trav-Tab
dimenhydrinate	Travel-Ease
dimenhydrinate	Travel-Eze
dimenhydrinate	Travel-Wise
dimenhydrinate	Travel Aid (dimenhydrinate)
dimenhydrinate	Travel Motion Sickness
dimenhydrinate	Travel Sickness
dimenhydrinate	TravelTabs
dimenhydrinate	Triptone
dimenhydrinate	Wal-Dram
diphenhydramine citrate	Children's Benadryl Allergy
diphenhydramine citrate	Restyn 76
diphenhydramine HCl	Adult Allergy
diphenhydramine HCl	Aler-Cap
diphenhydramine HCl	Aler-Dryl
diphenhydramine HCl	Aler-Tab
diphenhydramine HCl	Alka-Seltzer Plus Allergy
diphenhydramine HCl	Aller-G-Time
diphenhydramine HCl	Aller Med
diphenhydramine HCl	Allergy
diphenhydramine HCl	Allergy (diphenhydramine)
diphenhydramine HCl	Allergy Cream (diphenhydramin)
diphenhydramine HCl	Allergy Elixir
diphenhydramine HCl	Allergy Medication
diphenhydramine HCl	Allergy Medicine
diphenhydramine HCl	Allergy Medicine Complete
diphenhydramine HCl	Allergy Relief(diphenhydramin)
diphenhydramine HCl	Altaryl
diphenhydramine HCl	Anti-Hist
diphenhydramine HCl	Anti-Itch (diphenhydramine)
diphenhydramine HCl	Anti-Itch Maximum Strength
diphenhydramine HCl	Antihist
diphenhydramine HCl	Antihistamine
diphenhydramine HCl	Antihistamine Allergy
diphenhydramine HCl	Antitussive Cough
diphenhydramine HCl	Banophen

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
diphenhydramine HCl	Banophen Allergy
diphenhydramine HCl	Beldin
diphenhydramine HCl	Belix
diphenhydramine HCl	Benadrilina
diphenhydramine HCl	Benadryl
diphenhydramine HCl	Benadryl Allergy
diphenhydramine HCl	Benadryl Allergy Quick Dissolv
diphenhydramine HCl	Benadryl Childrens Formula
diphenhydramine HCl	Benadryl Dye-Free Allergy
diphenhydramine HCl	Benadryl Fastmelt
diphenhydramine HCl	Benadryl Maximum Strength
diphenhydramine HCl	Benahist-10
diphenhydramine HCl	Benahist-50
diphenhydramine HCl	Child's Benadryl Allergy
diphenhydramine HCl	Child Allergy Relief (diphen)
diphenhydramine HCl	Children's Allergy (diphenhyd)
diphenhydramine HCl	Children's Allergy Medicine
diphenhydramine HCl	Children's Antihistamine
diphenhydramine HCl	Children's Aurodryl Allergy
diphenhydramine HCl	Children's Benadryl Allergy
diphenhydramine HCl	Children's Complete Allergy
diphenhydramine HCl	Children's Diphenhydramine
diphenhydramine HCl	Children's Wal-Dryl Allergy
diphenhydramine HCl	Complete Allergy
diphenhydramine HCl	Complete Allergy Medicine
diphenhydramine HCl	Complete Allergy Relief
diphenhydramine HCl	Compoz
diphenhydramine HCl	Derma-Pax
diphenhydramine HCl	Dermarest
diphenhydramine HCl	DIPH-AL ALLERGY
diphenhydramine HCl	Diphedryl
diphenhydramine HCl	Diphedryl Allergy
diphenhydramine HCl	Diphedryl Allergy Relief
diphenhydramine HCl	Diphedryl Child
diphenhydramine HCl	Diphedryl Clear
diphenhydramine HCl	Diphen
diphenhydramine HCl	Diphen AF
diphenhydramine HCl	Diphendryl
diphenhydramine HCl	Diphenedryl
diphenhydramine HCl	Diphenhist
diphenhydramine HCl	diphenhydramine (bulk)
diphenhydramine HCl	diphenhydramine HCl
diphenhydramine HCl	Diphenhydramine Min-I-Jet
diphenhydramine HCl	Diphenyl
diphenhydramine HCl	DPH-Elixir

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
diphenhydramine HCl	Dytuss
diphenhydramine HCl	Easy Sleep
diphenhydramine HCl	EZ Nite Sleep
diphenhydramine HCl	Genahist
diphenhydramine HCl	Geri-Dryl
diphenhydramine HCl	Hydramine
diphenhydramine HCl	Hydrosal
diphenhydramine HCl	Itch Relief (diphenhydramine)
diphenhydramine HCl	Komadryl
diphenhydramine HCl	Kosher Care Allergy Relief
diphenhydramine HCl	M-Dryl
diphenhydramine HCl	Medi-Phedryl
diphenhydramine HCl	Medi-Sleep Max Strength
diphenhydramine HCl	Naramin
diphenhydramine HCl	Night-Time
diphenhydramine HCl	Nighttime Sleep
diphenhydramine HCl	Nighttime Allergy Relief
diphenhydramine HCl	NightTime Sleep Aid (diphen)
diphenhydramine HCl	Nitetime Sleep Aid
diphenhydramine HCl	Nordryl
diphenhydramine HCl	Nu-Med Alledryl
diphenhydramine HCl	Nuprin Allergy Relief
diphenhydramine HCl	Nyt-Time Sleep
diphenhydramine HCl	Nytol
diphenhydramine HCl	Orestyl
diphenhydramine HCl	Ormir
diphenhydramine HCl	Pediacare Allergy
diphenhydramine HCl	PediaClear Cough
diphenhydramine HCl	Pharbedryl
diphenhydramine HCl	Polydryl
diphenhydramine HCl	Polydryl Allergy
diphenhydramine HCl	Polydryl Cough
diphenhydramine HCl	ProHist
diphenhydramine HCl	Q-Dryl
diphenhydramine HCl	Quenalin
diphenhydramine HCl	Rest Simply Nighttime Sleep
diphenhydramine HCl	Restfully Sleep
diphenhydramine HCl	Sandryl
diphenhydramine HCl	Scot-Tussin Allergy Relief
diphenhydramine HCl	Siladryl
diphenhydramine HCl	Siladryl DAS
diphenhydramine HCl	Siladryl SA
diphenhydramine HCl	Silphen Cough
diphenhydramine HCl	Simply Allergy
diphenhydramine HCl	Simply Sleep

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
diphenhydramine HCl	Sleep
diphenhydramine HCl	Sleep-Ettes D
diphenhydramine HCl	Sleep-Ex
diphenhydramine HCl	Sleep-Eze 3
diphenhydramine HCl	Sleep-Tabs
diphenhydramine HCl	Sleep Aid (diphenhydramine)
diphenhydramine HCl	Sleep Aid Liquid Gels Max St
diphenhydramine HCl	Sleep Aid Max Str (diphenhydr)
diphenhydramine HCl	Sleep Caps
diphenhydramine HCl	Sleep Formula
diphenhydramine HCl	Sleep II
diphenhydramine HCl	Sleep Tablet (diphenhydramine)
diphenhydramine HCl	Sleep Tabs
diphenhydramine HCl	Sleep Time
diphenhydramine HCl	Sleepgels
diphenhydramine HCl	Sleepinal Maximum Strength
diphenhydramine HCl	Sleeping
diphenhydramine HCl	Sleeptabs
diphenhydramine HCl	Sominex
diphenhydramine HCl	Sominex Formula 2
diphenhydramine HCl	Sominex Maximum Strength
diphenhydramine HCl	Somnicaps
diphenhydramine HCl	Theraflu Multi Symptom
diphenhydramine HCl	Total Allergy Medicine
diphenhydramine HCl	Triaminic Allergy
diphenhydramine HCl	Triaminic Cough/Runny Nose
diphenhydramine HCl	Trux-Adryl
diphenhydramine HCl	Tusstat
diphenhydramine HCl	Twilite
diphenhydramine HCl	Unisom (diphenhydramine)
diphenhydramine HCl	Unisom SleepGels
diphenhydramine HCl	Unisom SleepMelts
diphenhydramine HCl	Valu-Dryl
diphenhydramine HCl	Valu-Dryl Allergy
diphenhydramine HCl	Valu-Dryl Anti-Itch
diphenhydramine HCl	Valu-Dryl Child's Allergy
diphenhydramine HCl	Vanamine PD
diphenhydramine HCl	Vicks QlearQuil Nighttime Rlf
diphenhydramine HCl	Wal-Dryl (diphenhydramine)
diphenhydramine HCl	Wal-Dryl Allergy
diphenhydramine HCl	Wal-Sleep Z
diphenhydramine HCl	Wal-Som (diphenhydramine)
diphenhydramine HCl	Z-Sleep
diphenhydramine HCl	ZzzQuil
DIPHENHYDRAMINE HCL	Dicopanol

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
diphenhydramine HCl in 0.9 % sodium chloride	diphenhydramine-0.9 % sod.chlr
diphenhydramine HCl/calamine	Calamine with Antihistamine
diphenhydramine HCl/calamine	Calohist Antihistamine
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Adt Robitussin Cough-Cold-Flu
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Adult Robitussin Night M-S Cld
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Allergy-Sinus
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Allergy and Cold PE
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Allergy M-S Nighttime
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Allergy Plus Severe Sinus HA
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Allergy Relief-Sinus Headache
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Allergy Sinus Headache (PE)
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Benadryl Allergy-Sinus-Headach
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Benadryl Allergy/Cold
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Benadryl Severe Allergy-Sinus
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Child Delsym Cough-Cold
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Child Mucinex M-S Cold Night
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Child Tylenol Plus Cold-Allerg
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Children's Mucinex Night Time
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Children Dimetapp M-S Cold-Flu
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Childs Plus Cold and Allergy
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Cold and Flu Relief(diphen-pe)
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Cough and Severe Cold
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Delsym Cough-Cold NightTime
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Flu-Severe Cold-Cough Night
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Flu and Sore Throat Relief
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Flu Relief Therapy Nighttime
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Flu Severe Cold-Night(diph-pe)
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Herbiomed Allergy Cold-Sinus
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Intense Cold and Flu
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Mucinex Fast-Max Nite Cold-Flu
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Mucinex Sinus-Max Nite Congest
diphenhydramine HCl/phenylephrine HCl/acetaminophen	OneTab Allergy and Sinus
diphenhydramine HCl/phenylephrine HCl/acetaminophen	OneTab Cold and Flu
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Robitussin Cold-Flu Night (PE)
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Severe Allergy-Sinus Headache
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Severe Cold (diphen-PE-acetam)
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Severe Cold Cough-Flu
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Severe Cold PE
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Sudafed PE Nighttime Cold
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Sudafed PE Severe Cold
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Theraflu Cold-Cough
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Theraflu ExpressMax Cold Night
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Theraflu Flu-Sore Throat Warm
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Theraflu Night Severe Cold-Cgh
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Theraflu Nighttime PowerPod

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Theraflu Warming Relief
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Tylenol Allergy M-S Nighttime
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Wal-dryl Allergy-Sinus-Head
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Wal-Dryl Severe Allergy-Sinus
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Wal-Flu Night Severe Cold
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Wal-Flu Severe Cold and Cough
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Wal-Phed PE Nighttime Cold
diphenhydramine HCl/phenylephrine HCl/acetaminophen	Wal-phed PE Severe Cold
diphenhydramine HCl/phenylephrine HCl/codeine phosphate	Airacof
diphenhydramine HCl/phenylephrine HCl/codeine phosphate	Endal CD
diphenhydramine HCl/phenylephrine HCl/dextromethorphan HBr	Child Cold-Cough Day-Night
diphenhydramine HCl/phenylephrine HCl/dextromethorphan HBr	Child Triaminic Cold-Cough D/N
diphenhydramine HCl/phenylephrine/acetaminophen/guaifenesin	Cold and Cough Formula
diphenhydramine HCl/phenylephrine/acetaminophen/guaifenesin	Mucinex Sinus-Max D-N (diphen)
diphenhydramine HCl/phenylephrine/acetaminophen/guaifenesin	Sinus Relief Max Str Day-Night
diphenhydramine tannate	Ben-Tann
diphenhydramine tannate	DiphenMax
diphenhydramine tannate	Dytan
diphenhydramine tannate	UNI-TANN
diphenhydramine/phenylephrin/dextromethorph/acetaminophen/GG	Child Delsym Cough Plus Dy-Nt
diphenhydramine/phenylephrin/dextromethorph/acetaminophen/GG	Child Mucinex M-S Cold Day-Nte
diphenhydramine/phenylephrin/dextromethorph/acetaminophen/GG	Children's M-S Cold Day-Night
diphenhydramine/phenylephrin/dextromethorph/acetaminophen/GG	Daytime-Cold Nighttime-Cld-Flu
diphenhydramine/phenylephrin/dextromethorph/acetaminophen/GG	Delsym Cough Plus Day-Night
diphenhydramine/phenylephrin/dextromethorph/acetaminophen/GG	Mucinex Fast-Max Day-Nite Cold
diphenhydramine/phenylephrin/dextromethorph/acetaminophen/GG	Mucinex Fast-Max Day-Nite Cong
diphenhydramine/phenylephrin/dextromethorph/acetaminophen/GG	Mucinex Fst-Mx Dy-Nt Cold(dph)
diphenhydramine/phenylephrin/dextromethorph/acetaminophen/GG	Suphedrine PE Day-Night
diphenhydramine/phenylephrin/dextromethorph/acetaminophen/GG	Wal-Phed PE Day-Night
doxepin HCl	doxepin
doxepin HCl	Prudoxin
doxepin HCl	Zonalon
doxylamine succ/pseudoephedrine HCl/dextromethorphan Hbr	Glentuss
doxylamine succ/pseudoephedrine HCl/dextromethorphan Hbr	Lortuss DM
doxylamine succinate	Aldex AN
doxylamine succinate	doxylamine succinate
doxylamine succinate	doxylamine succinate (bulk)
doxylamine succinate	Doxytex
doxylamine succinate	Fast Sleep
doxylamine succinate	Medi-Sleep
doxylamine succinate	Nighttime Sleep-Aid (doxylamn)
doxylamine succinate	Nite Time Sleep Aid
doxylamine succinate	Nitetime Sleep-Aid
doxylamine succinate	Sleep Aid (doxylamine)
doxylamine succinate	Somnised

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
doxylamine succinate	Ultra Sleep (doxylamine succ)
doxylamine succinate	Unisom (doxylamine)
doxylamine succinate	Wal-Som (doxylamine)
doxylamine succinate/dextromethorphan HBr/guaifenesin	Tussin DM Day-Night
doxylamine succinate/phenylephrine HCl	doxylamine-phenylephrine
doxylamine succinate/phenylephrine HCl	Poly Hist Forte
doxylamine succinate/phenylephrine HCl	Poly Hist Forte (doxylamine)
doxylamine succinate/phenylephrine/dextromethorphan HBr/ASA	Alka-Seltzer Plus Day-Night
doxylamine succinate/phenylephrine/dextromethorphan HBr/ASA	Alka-Seltzer Plus Night (asa)
doxylamine succinate/pseudoephedrine HCl	Lortuss LQ
doxylamine succinate/pyridoxine HCl (vitamin B6)	Bonjesta
doxylamine succinate/pyridoxine HCl (vitamin B6)	Diclegis
doxylamine succinate/pyridoxine HCl (vitamin B6)	doxylamine-pyridoxine (vit B6)
doxylamine/phenylephrine/dextromethorphan/acetaminophen/GG	Alka-Seltzer Plus Cold Day-Nt
doxylamine/phenylephrine/dextromethorphan/acetaminophen/GG	Day-Cold Night-Cold-Flu(doxyl)
doxylamine/phenylephrine/dextromethorphan/acetaminophen/GG	Day-Nite Severe Cold-Flu
doxylamine/phenylephrine/dextromethorphan/acetaminophen/GG	Mucinex Fast-Max Day-Nt(doxyl)
doxylamine/phenylephrine/dextromethorphan/acetaminophen/GG	Mucinex Sinus-Max Dy-Nt (dxyl)
doxylamine/phenylephrine/dextromethorphan/acetaminophen/GG	Severe Cold and Flu(Day/Night)
doxylamine/phenylephrine/dextromethorphan/acetaminophen/GG	Tylenol Cold-Flu-Cough Dy-Nt
doxylamine/phenylephrine/dextromethorphan/acetaminophen/GG	Vicks DayQuil-NyQuil Severe
emedastine difumarate	Emadine
epinastine HCl	Elestat
epinastine HCl	epinastine
fexofenadine HCl	Allegra
fexofenadine HCl	Allegra Allergy
fexofenadine HCl	Allegra ODT
fexofenadine HCl	Aller-ease
fexofenadine HCl	Aller-Fex
fexofenadine HCl	Allergy Relief (fexofenadine)
fexofenadine HCl	Children's Allegra Allergy
fexofenadine HCl	Children's Allergy Relief(fex)
fexofenadine HCl	Children's Wal-Fex
fexofenadine HCl	fexofenadine
fexofenadine HCl	fexofenadine (bulk)
fexofenadine HCl	Mucinex Allergy
fexofenadine HCl	Wal-Fex Allergy
fexofenadine HCl/pseudoephedrine HCl	Allegra-D 12 Hour
fexofenadine HCl/pseudoephedrine HCl	Allegra-D 24 Hour
fexofenadine HCl/pseudoephedrine HCl	Allergy-Congest Relief-D(fexo)
fexofenadine HCl/pseudoephedrine HCl	Allergy Relief-D(fexofenadine)
fexofenadine HCl/pseudoephedrine HCl	Allergy Relief D
fexofenadine HCl/pseudoephedrine HCl	fexofenadine-pseudoephedrine
fexofenadine HCl/pseudoephedrine HCl	Wal-Fex D 12 Hour
fexofenadine HCl/pseudoephedrine HCl	Wal-Fex D 24 Hour

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
Guaifen/Dextrometh/Phenyleph/Chlorpheniramin/Methscopolamine	Sympak DM
guaifen/pot guaiaco/d-methorphan/phenylprop/p-ephedrine/cpm	Lemotussin DM
guaifenesin/dextromethorphan HBr/brompheniramine	Trispec SFX
guaifenesin/dextromethorphan HBr/brompheniramine	Tussi Pres-B (guaif-dm-bromph)
guaifenesin/dextromethorphan HBr/phenylephrine/br-phenir	AccuHist PDX
guaifenesin/dextromethorphan HBr/phenylephrine/br-phenir	AllanHist PDX
guaifenesin/dextromethorphan HBr/phenylephrine/br-phenir	Bromhist-PDX
guaifenesin/dextromethorphan HBr/phenylephrine/br-phenir	Uni-Hist PDX
guaifenesin/dextromethorphan HBr/phenylephrine/pyrilamine	Phenydex
guaifenesin/dextromethorphan HBr/phenyltoloxamine	Nortuss
guaifenesin/dextromethorphan HBr/pseudoephedrine/chlorphenir	NeoTuss-D (chlorpheniramine)
guaifenesin/dextromethorphan/chlorpheniramine/sodium citrate	Tussi-Phen
guaifenesin/dextromethorphan/phenylephrine/dexchlorpheniram	Panatuss DX
guaifenesin/dextromethorphan/phenylpropanol/brompheniramine	AccuTuss DM
guaifenesin/dextromethorphan/phenylpropanolamine/pyrilamine	Phenydex
guaifenesin/dextromethorphan/pseudoephedrine/brompheniramine	Accuhist DM
guaifenesin/dextromethorphan/pseudoephedrine/brompheniramine	Bromhist-DM
guaifenesin/dextromethorphan/pseudoephedrine/brompheniramine	Histacol DM
guaifenesin/dextromethorphan/pseudoephedrine/brompheniramine	Nortedril
guaifenesin/dextromethorphan/pseudoephedrine/brompheniramine	PediaHist DM
guaifenesin/dextromethorphan/pseudoephedrine/brompheniramine	Uni-Hist DM
guaifenesin/dextromethorphan/pseudoephedrine/dexbrompheniram	Deka
guaifenesin/ephedrine/chlorpheniramine/hydriodic acid	Bronko Tuss
guaifenesin/hydrocodone bitartrate/brompheniramine	Tusnel-HC
guaifenesin/phenylephrine HCl/brompheniramine	Decon-G
guaifenesin/phenylephrine HCl/chlor-mal/methylscopolamn	SymPak AM-PM
guaifenesin/phenylephrine HCl/chlorpheniramine	Despec
guaifenesin/phenylephrine HCl/chlorpheniramine	Donatussin Pediatric
guaifenesin/phenylephrine HCl/chlorpheniramine	P Chlor
guaifenesin/phenylephrine HCl/chlorpheniramine	Panatuss
guaifenesin/phenylephrine HCl/chlorpheniramine	Qual-Tussin Pediatric
guaifenesin/phenylephrine HCl/chlorpheniramine	Santuss Pediatric
guaifenesin/phenylephrine tannate/pyrilamine	A-Tan 12X
guaifenesin/phenylephrine tannate/pyrilamine	RYNA-12X
guaifenesin/phenylephrine/phenylprop/hydrocodone/pheniramine	S-T Forte
guaifenesin/phenylpropanolamine HCl/acetaminophn/chlorphenir	Gelpirin-CCF
guaifenesin/phenylpropanolamine HCl/hydrocodone/pyril/phenir	Triaminic DH Expectorant
guaifenesin/potassium guaiacolsulf/dextromethorphan/pyrilamn	Genexpect-SF
guaifenesin/potassium guaiacolsulf/dextromethorphan/pyrilamn	Trispec-SF
guaifenesin/pseudoephedrine HCl/chlorpheniramine	Lemohist Plus
hydrocodone bit/chlorpheniramine/pseudoephedrine/guaifenesin	DroTuss
hydrocodone bit/chlorpheniramine/pseudoephedrine/guaifenesin	Z-Tuss 2
hydrocodone bit/chlorpheniramine/pseudoephedrine/guaifenesin	Zhist
hydrocodone bit/chlorpheniramine/pseudoephedrine/guaifenesin	Ztuss Expectorant
hydrocodone bitart/brompheniramine mal/pseudoephedrine HCl	Anaplex HD

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
hydrocodone bitart/brompheniramine mal/pseudoephedrine HCl	Bromcomp HC
hydrocodone bitart/brompheniramine mal/pseudoephedrine HCl	Bromphenex HD
hydrocodone bitart/brompheniramine mal/pseudoephedrine HCl	Bromplex HD
hydrocodone bitart/brompheniramine mal/pseudoephedrine HCl	Brovex HC
hydrocodone bitart/brompheniramine mal/pseudoephedrine HCl	Drocon-CS
hydrocodone bitart/brompheniramine mal/pseudoephedrine HCl	EndaCof - HC
hydrocodone bitart/brompheniramine mal/pseudoephedrine HCl	HPR END
hydrocodone bitart/brompheniramine mal/pseudoephedrine HCl	hydrocodone-bromphen-pseudoeph
hydrocodone bitart/brompheniramine mal/pseudoephedrine HCl	J-Tan D HC
hydrocodone bitart/brompheniramine mal/pseudoephedrine HCl	M-End
hydrocodone bitart/brompheniramine mal/pseudoephedrine HCl	PSE BPM HD
hydrocodone bitart/brompheniramine mal/pseudoephedrine HCl	VisveX HC
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	A-G Tussin
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	Atuss HD
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	C-Cof HC
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	Coldcough HC
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	Coldtuss
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	Cordron-HC
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	Detuss
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	Genecof-HC
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	Histinex PV
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	Hycofed
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	Hydro-Tussin HC
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	hydrocodone-cpm-pseudoephed
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	HYDROCOF-HC
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	Hydron PSC
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	Hyphed
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	Jaycof-HC
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	KG-Tussin
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	M-End (with chlorpheniramine)
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	Notuss
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	Notuss-Forte
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	P-V Tussin
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	Pancof HC
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	Pediatex HC
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	Q-V Tussin
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	Tuss-PV
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	Tussend
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	WellTuss HC
hydrocodone bitart/chlorpheniramine maleate/pseudoephedrine	Zutripro
hydrocodone bitartrate/carbinoxamine mal/pseudoephedrine HCl	Histex HC
hydrocodone bitartrate/carbinoxamine mal/pseudoephedrine HCl	Histuss HC
hydrocodone bitartrate/carbinoxamine mal/pseudoephedrine HCl	hydrocodone-carbinox-pseudoep
hydrocodone bitartrate/carbinoxamine mal/pseudoephedrine HCl	Mintex HC
hydrocodone bitartrate/carbinoxamine mal/pseudoephedrine HCl	Tri-Vent HC

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
hydrocodone bitartrate/chlorpheniramine maleate	S-T Forte 2
hydrocodone bitartrate/chlorpheniramine maleate	Vituz
hydrocodone polistirex/chlorpheniramine polistirex	hydrocodone-chlorpheniramine
hydrocodone polistirex/chlorpheniramine polistirex	TussiCaps
hydrocodone polistirex/chlorpheniramine polistirex	Tussionex Pennkinetic ER
hydrocodone tannate/chlorpheniramine tannate	HyTan
hydrocodone tannate/chlorpheniramine tannate	Novasus
hydroxyzine HCl	ANX
hydroxyzine HCl	Atarax
hydroxyzine HCl	hydroxyzine HCl
hydroxyzine HCl	hydroxyzine HCl (bulk)
hydroxyzine HCl	Hyzine
hydroxyzine HCl	Rezine
hydroxyzine HCl	Vistacot
hydroxyzine HCl	Vistaril IM (HCl salt)
hydroxyzine HCl	Vistazine
hydroxyzine pamoate	hydroxyzine pamoate
hydroxyzine pamoate	hydroxyzine pamoate (bulk)
hydroxyzine pamoate	Vistaril
ibuprofen/diphenhydramine citrate	Advil PM
ibuprofen/diphenhydramine citrate	ibuprofen-diphenhydramine cit
ibuprofen/diphenhydramine citrate	Ibuprofen PM
ibuprofen/diphenhydramine citrate	Motrin PM
ibuprofen/diphenhydramine HCl	Advil PM Liqui-Gels
ibuprofen/diphenhydramine HCl	ibuprofen-diphenhydramine HCl
ibuprofen/diphenhydramine HCl	Ibuprofen PM
ketotifen fumarate	Alaway
ketotifen fumarate	Allergy Eye (ketotifen)
ketotifen fumarate	Antihistamine Eye Drops
ketotifen fumarate	Children's Alaway
ketotifen fumarate	Eye Itch Relief
ketotifen fumarate	Itchy Eye Drops
ketotifen fumarate	ketotifen fumarate
ketotifen fumarate	Refresh Eye Itch Relief
ketotifen fumarate	Wal-Zyr (ketotifen)
ketotifen fumarate	Zaditor
ketotifen fumarate	Zyrtec Itchy Eye Drops (keto)
levocabastine HCl	Livostin
levocetirizine dihydrochloride	24HR Allergy Relief
levocetirizine dihydrochloride	Allergy Relief (levocetirizin)
levocetirizine dihydrochloride	levocetirizine
levocetirizine dihydrochloride	levocetirizine (bulk)
levocetirizine dihydrochloride	Xyzal
loratadine	Alavert
loratadine	Alavert Children's Allergy

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
loratadine	Allerclear
loratadine	Allergy Relief (loratadine)
loratadine	Children's Allergy Relief(lor)
loratadine	Children's Claritin
loratadine	Children's Loratadine
loratadine	Claritin
loratadine	Claritin Liqui-Gel
loratadine	Claritin RediTabs
loratadine	Loradamed
loratadine	loratadine
loratadine	loratadine (bulk)
loratadine	Non-Drowsy Allergy
loratadine	Nuprin Allergy Relief
loratadine	Tavist ND
loratadine	Vicks QlearQuil Allergy
loratadine	Wal-itin
loratadine	Wal-itin Aller-Melts
loratadine	Wal-vert
loratadine, micronized	loratadine, micronized (bulk)
loratadine/pseudoephedrine sulfate	Alavert D-12 Allergy-Sinus
loratadine/pseudoephedrine sulfate	AllerClear D-12hr
loratadine/pseudoephedrine sulfate	AllerClear D-24hr
loratadine/pseudoephedrine sulfate	Allergy-Congestion Relief-D
loratadine/pseudoephedrine sulfate	Allergy and Congestion Relief
loratadine/pseudoephedrine sulfate	Allergy Relief-D (loratadine)
loratadine/pseudoephedrine sulfate	Allergy Relief D-24hr
loratadine/pseudoephedrine sulfate	Allergy Relief D12
loratadine/pseudoephedrine sulfate	Allergy Relief,Nasal Decongest
loratadine/pseudoephedrine sulfate	Claritin-D 12 Hour
loratadine/pseudoephedrine sulfate	Claritin-D 24 Hour
loratadine/pseudoephedrine sulfate	Clear-Atadine-D
loratadine/pseudoephedrine sulfate	Lorata-D
loratadine/pseudoephedrine sulfate	lorata-dine D
loratadine/pseudoephedrine sulfate	Loratadine-D
loratadine/pseudoephedrine sulfate	loratadine-pseudoephedrine
loratadine/pseudoephedrine sulfate	Wal-itin D
loratadine/pseudoephedrine sulfate	Wal-Itin D 12 Hour
magnesium salicylate/acetaminophen/phenyltoloxamine/caffeine	Cafgesic Forte
magnesium salicylate/acetaminophen/phenyltoloxamine/caffeine	Combiflex ES
magnesium salicylate/acetaminophen/phenyltoloxamine/caffeine	Durabac Forte
meclizine HCl	Ambizine
meclizine HCl	Antivert
meclizine HCl	Bonine
meclizine HCl	D-Vert
meclizine HCl	D-Vert 12.5

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
meclizine HCl	Dramamine II
meclizine HCl	Dramamine Less Drowsy
meclizine HCl	Meclicot
meclizine HCl	meclizine
meclizine HCl	meclizine HCl (bulk)
meclizine HCl	Medi-Meclizine
meclizine HCl	Medivert
meclizine HCl	Meni-D
meclizine HCl	Motion-Time
meclizine HCl	Motion Relief (meclizine)
meclizine HCl	Motion Sickness (meclizine)
meclizine HCl	Motion Sickness II
meclizine HCl	Motion Sickness Relief II
meclizine HCl	Motion Sickness Relief(mecliz)
meclizine HCl	Travel-Ease (meclizine)
meclizine HCl	Travel Motion Sickness(mecliz)
meclizine HCl	Travel Sickness (meclizine)
meclizine HCl	Univert
meclizine HCl	VertiCalm
meclizine HCl	Vertin-32
meclizine HCl	Wal-Dram 2
naphazoline HCl/antazoline phosphate	Vasocon-A
naphazoline HCl/pheniramine maleate	Allergy Eye (naphazoline-phen)
naphazoline HCl/pheniramine maleate	Eye Allergy Relief
naphazoline HCl/pheniramine maleate	Naphcon-A
naphazoline HCl/pheniramine maleate	Ocuhist
naphazoline HCl/pheniramine maleate	Opcon-A
naphazoline HCl/pheniramine maleate	Visine-A
naphazoline HCl/phenylephrine HCl/pyrilamine	4-Way Fast Acting
naphazoline HCl/phenylephrine HCl/pyrilamine/menthol	4-Way Menthol
naproxen sodium/diphenhydramine HCl	Aleve PM
naproxen sodium/diphenhydramine HCl	Naproxen PM
olopatadine HCl	olopatadine
olopatadine HCl	Pataday
olopatadine HCl	Pataday Once Daily Relief
olopatadine HCl	Pataday Twice Daily Relief
olopatadine HCl	Patanase
olopatadine HCl	Patanol
olopatadine HCl	Pazeo
phenindamine tartrate	Nolahist
pheniramine maleate	pheniramine maleate (bulk)
pheniramine maleate/phenylephrine HCl/acetaminophen	Flu and Severe Cold-Nighttime
pheniramine maleate/phenylephrine HCl/acetaminophen	Flu and Sore Throat
pheniramine maleate/phenylephrine HCl/acetaminophen	Theraflu Cold-Sore Throat (PE)
pheniramine maleate/phenylephrine HCl/acetaminophen	Theraflu Flu-Sore Throat

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
pheniramine maleate/phenylephrine HCl/acetaminophen	Theraflu Sinus and Cold
pheniramine maleate/phenylephrine HCl/acetaminophen	Wal-Flu Cold and Sore Throat
pheniramine maleate/phenylephrine HCl/acetaminophen	Wal-Flu Night Time
phenylephrine HCl/acetaminophen/chlorpheniramine	Adt Robitussin Night Nasal Rlf
phenylephrine HCl/acetaminophen/chlorpheniramine	Advanced Formula Cold
phenylephrine HCl/acetaminophen/chlorpheniramine	Advanced Formula Decongestant
phenylephrine HCl/acetaminophen/chlorpheniramine	Allergy Multi-Symptom
phenylephrine HCl/acetaminophen/chlorpheniramine	Allergy Relief Multi-Symptom
phenylephrine HCl/acetaminophen/chlorpheniramine	Allergy Relief(chlorphen-acet)
phenylephrine HCl/acetaminophen/chlorpheniramine	Allergy Sinus PE
phenylephrine HCl/acetaminophen/chlorpheniramine	Children's Tylenol Plus Cold
phenylephrine HCl/acetaminophen/chlorpheniramine	Childrens Plus Cold
phenylephrine HCl/acetaminophen/chlorpheniramine	Cold
phenylephrine HCl/acetaminophen/chlorpheniramine	Cold and Flu Medicine
phenylephrine HCl/acetaminophen/chlorpheniramine	Cold Relief
phenylephrine HCl/acetaminophen/chlorpheniramine	Cold Relief Plus
phenylephrine HCl/acetaminophen/chlorpheniramine	Cold Reliever
phenylephrine HCl/acetaminophen/chlorpheniramine	Comtrex Day/Ni Sev Cold-Sinus
phenylephrine HCl/acetaminophen/chlorpheniramine	Comtrex Flu Therapy
phenylephrine HCl/acetaminophen/chlorpheniramine	Contac Cold-Flu Day and Night
phenylephrine HCl/acetaminophen/chlorpheniramine	Contac Cold-Flu Max Strength
phenylephrine HCl/acetaminophen/chlorpheniramine	Decongestab
phenylephrine HCl/acetaminophen/chlorpheniramine	Decongestabs
phenylephrine HCl/acetaminophen/chlorpheniramine	Decongestant
phenylephrine HCl/acetaminophen/chlorpheniramine	Decongestant-Acetaminophen
phenylephrine HCl/acetaminophen/chlorpheniramine	Decongestant Cold
phenylephrine HCl/acetaminophen/chlorpheniramine	Dri-Tab
phenylephrine HCl/acetaminophen/chlorpheniramine	Dristan Cold
phenylephrine HCl/acetaminophen/chlorpheniramine	DRYPHEN
phenylephrine HCl/acetaminophen/chlorpheniramine	Effervescent Antacid Pain
phenylephrine HCl/acetaminophen/chlorpheniramine	Effervescent Cold
phenylephrine HCl/acetaminophen/chlorpheniramine	Effervescent Cold Relief Plus
phenylephrine HCl/acetaminophen/chlorpheniramine	Flu and Severe Cold-Nighttime
phenylephrine HCl/acetaminophen/chlorpheniramine	Gendecon
phenylephrine HCl/acetaminophen/chlorpheniramine	Histagesic
phenylephrine HCl/acetaminophen/chlorpheniramine	Histex SR
phenylephrine HCl/acetaminophen/chlorpheniramine	Medicidin-D
phenylephrine HCl/acetaminophen/chlorpheniramine	Multi-Symptom Cold Decong
phenylephrine HCl/acetaminophen/chlorpheniramine	Norel AD
phenylephrine HCl/acetaminophen/chlorpheniramine	Onset Forte
phenylephrine HCl/acetaminophen/chlorpheniramine	Pain Relief Allergy Sinus
phenylephrine HCl/acetaminophen/chlorpheniramine	Pain Reliever Allergy Sinus PE
phenylephrine HCl/acetaminophen/chlorpheniramine	Plus Cold Medicine
phenylephrine HCl/acetaminophen/chlorpheniramine	Protid
phenylephrine HCl/acetaminophen/chlorpheniramine	Sinus Congest-Pain Day-Night

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
phenylephrine HCl/acetaminophen/chlorpheniramine	Sinus Congestion-Pain(chlorph)
phenylephrine HCl/acetaminophen/chlorpheniramine	Sinus Tabs
phenylephrine HCl/acetaminophen/chlorpheniramine	Sinutrol PE
phenylephrine HCl/acetaminophen/chlorpheniramine	Tylenol Allergy Multi-Symptom
phenylephrine HCl/acetaminophen/chlorpheniramine	Tylenol Sinus-Congest-Pain D/N
phenylephrine HCl/acetaminophen/chlorpheniramine	Tylenol Sinus Congestion Pain
phenylephrine HCl/acetaminophen/dexbrompheniramine maleate	Complete Sinus Relief
phenylephrine HCl/acetaminophen/doxylamine succinate	Day-Night Sinus Relief
phenylephrine HCl/acetaminophen/doxylamine succinate	DayTime and NiteTime Sinus
phenylephrine HCl/acetaminophen/doxylamine succinate	NightTime Sinus
phenylephrine HCl/acetaminophen/doxylamine succinate	Nighttime Sinus-Congestion
phenylephrine HCl/acetaminophen/doxylamine succinate	Sinus Daytime-Nighttime
phenylephrine HCl/acetaminophen/doxylamine succinate	Vicks DayQuil-NyQuil Sinex
phenylephrine HCl/acetaminophen/doxylamine succinate	Vicks Nyquil Sinex
phenylephrine HCl/acetaminophen/doxylamine succinate	Vicks Nyquil Sinus (PE)
phenylephrine HCl/acetaminophen/doxylamine succinate	Vicks QlearQuil Nighttime Sinus
phenylephrine HCl/acetaminophen/doxylamine succinate	Vicks Sinex Nighttime
phenylephrine HCl/acetaminophen/pyrilamine/chlorpheniramine	ND-Gesic
phenylephrine HCl/carbinoxamine maleate	ARIDEX-D pediatric
phenylephrine HCl/carbinoxamine maleate	Histamax D
phenylephrine HCl/carbinoxamine maleate	Norel LA
phenylephrine HCl/carbinoxamine maleate	X-Hist Pediatric
phenylephrine HCl/carbinoxamine maleate	XiraHist Pediatric
phenylephrine HCl/chlorpheniramine maleate/bellad alk	Accuhist LA
phenylephrine HCl/chlorpheniramine maleate/bellad alk	Bellahist-D LA
phenylephrine HCl/chlorpheniramine maleate/bellad alk	Histacol LA
phenylephrine HCl/chlorpheniramine maleate/scopolamine	Extendryl SR
phenylephrine HCl/chlorpheniramine maleate/scopolamine	Phenacon
phenylephrine HCl/chlorpheniramine maleate/scopolamine	Sinodec CR
phenylephrine HCl/codeine phosphat/pheniramine/sodium citrat	Tussirex
phenylephrine HCl/codeine phosphat/pheniramine/sodium citrat	Tussirex Sugar Free
phenylephrine HCl/codeine/acetaminophen/chlorpheniramine	Colrex Compound
phenylephrine HCl/codeine/chlorpheniramine	Codeine Antitussive Cough
phenylephrine HCl/codeine/chlorpheniramine/potassium iodide	Demi-Cof
phenylephrine HCl/codeine/chlorpheniramine/potassium iodide	Pediacof
phenylephrine HCl/codeine/chlorpheniramine/potassium iodide	Pedituss
phenylephrine HCl/codeine/pyrilamine	Codimal PH
phenylephrine HCl/codeine/pyrilamine	Dicomal-Ph
Phenylephrine HCl/Dexchlorpheniramine Mal/Methscopolamine	Dexphen M
Phenylephrine HCl/Dexchlorpheniramine Mal/Methscopolamine	Extendryl
Phenylephrine HCl/Dexchlorpheniramine Mal/Methscopolamine	Re-Drylex
phenylephrine HCl/dihydrocodeine bitartrate/chlorpheniramine	Baltussin
phenylephrine HCl/dihydrocodeine bitartrate/chlorpheniramine	Coldcough PD
phenylephrine HCl/dihydrocodeine bitartrate/chlorpheniramine	Despec-PD
phenylephrine HCl/dihydrocodeine bitartrate/chlorpheniramine	Despec-PDC

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
phenylephrine HCl/dihydrocodeine bitartrate/chlorpheniramine	DiHydro-PE
phenylephrine HCl/dihydrocodeine bitartrate/chlorpheniramine	Duohist DH
phenylephrine HCl/dihydrocodeine bitartrate/chlorpheniramine	Novahistine DH
phenylephrine HCl/dihydrocodeine bitartrate/chlorpheniramine	Pancof PD
phenylephrine HCl/dihydrocodeine bitartrate/chlorpheniramine	Tricof PD
phenylephrine HCl/dihydrocodeine bitartrate/chlorpheniramine	Tusscough DHC
phenylephrine HCl/diphenhydramine HCl	Ala-Hist LQ
phenylephrine HCl/diphenhydramine HCl	Aldex-CT
phenylephrine HCl/diphenhydramine HCl	Allergy-D
phenylephrine HCl/diphenhydramine HCl	Allergy and Sinus Relief
phenylephrine HCl/diphenhydramine HCl	Benadryl-D Allergy-Sinus
phenylephrine HCl/diphenhydramine HCl	Benadryl Allergy Plus Congest
phenylephrine HCl/diphenhydramine HCl	Child's Benadryl-D Allergy-Sin
phenylephrine HCl/diphenhydramine HCl	Child Allergy and Sinus D
phenylephrine HCl/diphenhydramine HCl	Child Allergy Plus Congestion
phenylephrine HCl/diphenhydramine HCl	Child Benadryl Plus Congestion
phenylephrine HCl/diphenhydramine HCl	Child Delsym Cough-Cold Night
phenylephrine HCl/diphenhydramine HCl	Child Delsym Nighttime C-C
phenylephrine HCl/diphenhydramine HCl	Children Night Time Cold-Cough
phenylephrine HCl/diphenhydramine HCl	Childs Triacting Cold-Cough
phenylephrine HCl/diphenhydramine HCl	Cold and Cough (diphenhydr-pe)
phenylephrine HCl/diphenhydramine HCl	Complete Allergy and Sinus-D
phenylephrine HCl/diphenhydramine HCl	Delsym Night Time Cough-Cold
phenylephrine HCl/diphenhydramine HCl	DHM-PE
phenylephrine HCl/diphenhydramine HCl	Dimetapp Cold-Congestion
phenylephrine HCl/diphenhydramine HCl	diphenhydramine-phenylephrine
phenylephrine HCl/diphenhydramine HCl	Dr Manzanilla Cough-Cold
phenylephrine HCl/diphenhydramine HCl	Nighttime Cough-Cold
phenylephrine HCl/diphenhydramine HCl	Pediacare Allergy and Cold
phenylephrine HCl/diphenhydramine HCl	PediaCare Night Rest
phenylephrine HCl/diphenhydramine HCl	Robitussin Cough and Cold
phenylephrine HCl/diphenhydramine HCl	Sudafed PE Day and Night
phenylephrine HCl/diphenhydramine HCl	Triaminic
phenylephrine HCl/diphenhydramine HCl	Triaminic Cold and CoughNT(PE)
phenylephrine HCl/diphenhydramine HCl	Wal-Dryl-D Allergy and Sinus
phenylephrine HCl/diphenhydramine HCl	Zoden PD
phenylephrine HCl/hydrocodone bitartrate/brompheniramine	BPM PE HC
phenylephrine HCl/hydrocodone bitartrate/brompheniramine	Canges-HC
phenylephrine HCl/hydrocodone bitartrate/brompheniramine	Canges-HC NR
phenylephrine HCl/hydrocodone bitartrate/brompheniramine	FluTuss HC
phenylephrine HCl/hydrocodone bitartrate/brompheniramine	HPB MAX
phenylephrine HCl/hydrocodone bitartrate/brompheniramine	M-END MAX
phenylephrine HCl/hydrocodone bitartrate/brompheniramine	Tusnel-HC
phenylephrine HCl/hydrocodone bitartrate/carbinoxamine	Donatussin MAX
phenylephrine HCl/hydrocodone bitartrate/carbinoxamine	Excof

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
phenylephrine HCl/hydrocodone bitartrate/carbinoxamine	Excof-SF
phenylephrine HCl/hydrocodone bitartrate/carbinoxamine	Max HC
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Aber-Tuss HC
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Atuss HC
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Atuss HD
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Atuss MS
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	B-Tuss
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Baltussin HC
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	chlorphen-phenyleph-hydrocodon
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Chlorphen HD
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Comtussin HC
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Cotuss HD
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Cotuss MS
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Coughtuss
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Cyndal HD
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Cytuss HC
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	De-Chlor HC
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	De-Chlor HD
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Ditussin HC
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	DroTuss-CP
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	DuraDal HD
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	DuraDal HD Plus
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	ED-TLC
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Ed-Tuss HC
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Efasin HD
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Efasin HD Plus
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Endagen-HD
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Endal-HD
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Endal-HD Plus
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Endotuss HD
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Enplus-HD
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Exo-Tuss
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	H-C Tussive
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Hist-HC
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Hist-Plus
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Histinex HC
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Histussin HC
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Hydro-PC
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Hydro-PC II Plus
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Hydro PC II
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Hydrocodone CP
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Hydrocodone HD
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Hydron CP
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Hyphen-HD
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	lodal HD

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	lotussin HC
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	KG-Dal HD
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	KG-DAL HD Plus
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Liquicough HC
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Maxi-Tuss HC
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Maxi-Tuss HCX
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Med-Hist HC
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Mintuss HC
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Mintuss HD
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Mintuss MS
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Nasatuss
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Neo HC
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	NuDal HD
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Phen/Chlor HC
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Poly-Tussin Cough
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Poly-Tussin HD
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Quindal-HD
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Quindal-HD Plus
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Relacon-HC
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Relasin-HC
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Rindal HD
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Rindal HD Plus
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Triant-HC
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Tridal HD
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Tridal HD Plus
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Tritussin
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Tusana-D
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Tuss-DS
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Tuss-ES
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Tuss-HC
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Tuss-PD
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Uni-Tricof HC
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Uni-Tuss HC
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Vanex-HD
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Ventuss
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Well-Tuss HD
phenylephrine HCl/hydrocodone bitartrate/chlorpheniramine	Z-Cof HC
phenylephrine HCl/hydrocodone bitartrate/dexbrompheniramine	Cytuss HC
phenylephrine HCl/hydrocodone bitartrate/dexbrompheniramine	dexbromphenirmn-PE-hydrocodone
phenylephrine HCl/hydrocodone bitartrate/dexbrompheniramine	H-C Tussive-NR
phenylephrine HCl/hydrocodone bitartrate/dexbrompheniramine	Histussin HC
phenylephrine HCl/hydrocodone bitartrate/dexbrompheniramine	RelaTuss HC
phenylephrine HCl/hydrocodone bitartrate/dexchlorpheniramine	Codimal DH
phenylephrine HCl/hydrocodone bitartrate/dexchlorpheniramine	EndaCof-Plus
phenylephrine HCl/hydrocodone bitartrate/dexchlorpheniramine	Hydex PD

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
phenylephrine HCl/hydrocodone bitartrate/dexchlorpheniramine	Notuss PD
phenylephrine HCl/hydrocodone bitartrate/dexchlorpheniramine	Zotex-HC
phenylephrine HCl/hydrocodone bitartrate/diphenhydramine	Endal-HD (diphenhydramine)
phenylephrine HCl/hydrocodone bitartrate/diphenhydramine	Gestuss-HC
phenylephrine HCl/hydrocodone bitartrate/diphenhydramine	Hydro-DP
phenylephrine HCl/hydrocodone bitartrate/diphenhydramine	Rindal HPD
phenylephrine HCl/hydrocodone bitartrate/diphenhydramine	Tusscough HC
phenylephrine HCl/hydrocodone bitartrate/diphenhydramine	Tussinate
phenylephrine HCl/hydrocodone bitartrate/pyril/chlorphenir	Phena-HC
phenylephrine HCl/hydrocodone bitartrate/pyrilamine	Atuss MR
phenylephrine HCl/hydrocodone bitartrate/pyrilamine	Codal-DH
phenylephrine HCl/hydrocodone bitartrate/pyrilamine	Codimal DH
phenylephrine HCl/hydrocodone bitartrate/pyrilamine	Codituss DH
phenylephrine HCl/hydrocodone bitartrate/pyrilamine	De-Chlor MR
phenylephrine HCl/hydrocodone bitartrate/pyrilamine	Dicomal DH
phenylephrine HCl/hydrocodone bitartrate/pyrilamine	Hyco-DH
phenylephrine HCl/hydrocodone bitartrate/pyrilamine	Hycomal DH
phenylephrine HCl/hydrocodone bitartrate/pyrilamine	Hydrophene DH
phenylephrine HCl/hydrocodone bitartrate/pyrilamine	Mintuss MR
phenylephrine HCl/hydrocodone bitartrate/pyrilamine	Phendacof Plus
phenylephrine HCl/hydrocodone bitartrate/pyrilamine	Poly-Tussin Syrup
phenylephrine HCl/hydrocodone bitartrate/pyrilamine	Poly Hist HC
phenylephrine HCl/hydrocodone bitartrate/pyrilamine	Pro-Red
phenylephrine HCl/hydrocodone bitartrate/pyrilamine	pyrilam-phenyleph-hydrocodone
phenylephrine HCl/hydrocodone bitartrate/pyrilamine	Tussplex
phenylephrine HCl/pheniramine maleate	Alahist D
phenylephrine HCl/pheniramine maleate	Cough and Cold Medicine
phenylephrine HCl/pheniramine maleate	Cough Syrup
phenylephrine HCl/pheniramine maleate	Dristan (phenyleph-pheniram)
phenylephrine HCl/pheniramine maleate	Scot-Tussin
phenylephrine HCl/phenylpropanolamine HCl/brompheniramine	Dimaphen
phenylephrine HCl/phenylpropanolamine HCl/chlorpheniramine	Phena-Plus
phenylephrine HCl/phenylpropanolamine HCl/pyril/chlorphenir	Covanamine
phenylephrine HCl/phenylpropanolamine HCl/pyril/chlorphenir	Histalet Forte
phenylephrine HCl/phenylpropanolamine HCl/pyril/chlorphenir	Histatime Forte
phenylephrine HCl/phenylpropanolamine HCl/pyril/chlorphenir	Phena-S
phenylephrine HCl/phenylpropanolamine HCl/pyril/chlorphenir	Poly-Hist Forte
phenylephrine HCl/phenyltoloxamine/chlorpheniramine	chlorphen-phenyltoloxamine-pe
phenylephrine HCl/phenyltoloxamine/chlorpheniramine	Chlortox LA
phenylephrine HCl/phenyltoloxamine/chlorpheniramine	Linhist LA
phenylephrine HCl/ppa/chlorpheniramine/belladonna alkaloids	Atrohist Plus-SR
phenylephrine HCl/ppa/chlorpheniramine/belladonna alkaloids	chlorphen-PE-PPA-belladonna
phenylephrine HCl/ppa/chlorpheniramine/belladonna alkaloids	Deconhist LA
phenylephrine HCl/ppa/chlorpheniramine/belladonna alkaloids	Ex-Tuss
phenylephrine HCl/ppa/chlorpheniramine/belladonna alkaloids	Pharmhist Plus

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
phenylephrine HCl/ppa/chlorpheniramine/belladonna alkaloids	Phenylchlor BA
phenylephrine HCl/ppa/chlorpheniramine/belladonna alkaloids	Pro-Tabs
phenylephrine HCl/ppa/chlorpheniramine/belladonna alkaloids	Pro-Tuss
phenylephrine HCl/ppa/chlorpheniramine/belladonna alkaloids	Q-Tuss
phenylephrine HCl/ppa/chlorpheniramine/belladonna alkaloids	Respa A.R.M.
phenylephrine HCl/ppa/chlorpheniramine/belladonna alkaloids	Rolatuss SR
phenylephrine HCl/ppa/chlorpheniramine/belladonna alkaloids	Ru-Tuss TR
phenylephrine HCl/ppa/chlorpheniramine/belladonna alkaloids	Tuss-Delay
phenylephrine HCl/ppa/phenyltoloxamine/chlorpheniramine	Andecon Pediatric
phenylephrine HCl/ppa/phenyltoloxamine/chlorpheniramine	Decongest
phenylephrine HCl/ppa/phenyltoloxamine/chlorpheniramine	Decongestabs
phenylephrine HCl/ppa/phenyltoloxamine/chlorpheniramine	Decongestant SR
phenylephrine HCl/ppa/phenyltoloxamine/chlorpheniramine	Naldec Pediatric
phenylephrine HCl/ppa/phenyltoloxamine/chlorpheniramine	Naldecon
phenylephrine HCl/ppa/phenyltoloxamine/chlorpheniramine	Naldecon Pediatric
phenylephrine HCl/ppa/phenyltoloxamine/chlorpheniramine	Naldelate
phenylephrine HCl/ppa/phenyltoloxamine/chlorpheniramine	Naldelate Pediatric
phenylephrine HCl/ppa/phenyltoloxamine/chlorpheniramine	Nalgest
phenylephrine HCl/ppa/phenyltoloxamine/chlorpheniramine	Nalgest Pediatric
phenylephrine HCl/ppa/phenyltoloxamine/chlorpheniramine	Nalphen
phenylephrine HCl/ppa/phenyltoloxamine/chlorpheniramine	Nalphen Pediatric
phenylephrine HCl/ppa/phenyltoloxamine/chlorpheniramine	Nalspan Pediatric
phenylephrine HCl/ppa/phenyltoloxamine/chlorpheniramine	P-D Span SR
phenylephrine HCl/ppa/phenyltoloxamine/chlorpheniramine	Pe/Phenylprop/Phenyltox/Cpm
phenylephrine HCl/ppa/phenyltoloxamine/chlorpheniramine	Sinucon Pediatric
phenylephrine HCl/ppa/phenyltoloxamine/chlorpheniramine	Tri-Phen-Mine
phenylephrine HCl/ppa/phenyltoloxamine/chlorpheniramine	Tri-Phen-Mine Pediatric
phenylephrine HCl/ppa/phenyltoloxamine/chlorpheniramine	Tri-Phen-Mine TD
phenylephrine HCl/ppa/phenyltoloxamine/chlorpheniramine	Uni-Decon CR
phenylephrine HCl/ppa/phenyltoloxamine/chlorpheniramine	West-Decon SR
phenylephrine HCl/promethazine HCl	Phen-Tuss Ad
phenylephrine HCl/promethazine HCl	Phenergan VC
phenylephrine HCl/promethazine HCl	promethazine-phenylephrine
phenylephrine HCl/promethazine HCl	Promethazine VC
phenylephrine HCl/promethazine HCl	Promethazine VC Plain
phenylephrine HCl/pseudoephedrine HCl/chlorphenir/bellad alk	Stahist
phenylephrine HCl/pyrilamine maleate	Aldex D
phenylephrine HCl/pyrilamine maleate	Glen PE
phenylephrine HCl/pyrilamine maleate	Poly Hist Forte (pyrilamine)
phenylephrine HCl/pyrilamine maleate	Pyril D
phenylephrine HCl/pyrilamine maleate	pyrilamine-phenylephrine
phenylephrine HCl/pyrilamine maleate	Ru-Hist-D (with pyrilamine)
phenylephrine HCl/pyrilamine maleate	Vazotab (pyrilamine)
phenylephrine HCl/pyrilamine maleate/chlorpheniramine	chlorphen-pyrilamine-phenyleph
phenylephrine HCl/pyrilamine maleate/chlorpheniramine	MyHist-PD

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
phenylephrine HCl/pyrilamine maleate/chlorpheniramine	Phena-Plus
phenylephrine HCl/pyrilamine maleate/chlorpheniramine	Phena-S
phenylephrine HCl/pyrilamine maleate/chlorpheniramine	Poly Hist Forte (CPM)
phenylephrine HCl/pyrilamine maleate/chlorpheniramine	POLY HIST PD
phenylephrine HCl/pyrilamine maleate/chlorpheniramine	Pyrichlor PE
phenylephrine HCl/pyrilamine maleate/chlorpheniramine	Pyril-Chlor-Phen
phenylephrine HCl/pyrilamine maleate/chlorpheniramine	Ru-Hist Forte
phenylephrine HCl/pyrilamine maleate/chlorpheniramine	Triplex AD
phenylephrine HCl/salicylamide/acetaminophen/chlorphenir	Kolephrin
phenylephrine HCl/salicylamide/acetaminophen/chlorphenir	Rhinogesic
phenylephrine HCl/sodium salicylate/pheniramine/caffeine	Scot-Tussin Original
phenylephrine HCl/triprolidine HCl	Dr Manzanilla PE
phenylephrine HCl/triprolidine HCl	Histex PE
phenylephrine HCl/triprolidine HCl	Prohist LQ
phenylephrine HCl/triprolidine HCl	Sinus Nighttime
phenylephrine HCl/triprolidine HCl	Stahist TP
phenylephrine tannate/chlorpheniramine tannate	AllanTan
phenylephrine tannate/chlorpheniramine tannate	Allergy Junior
phenylephrine tannate/chlorpheniramine tannate	AlleRx
phenylephrine tannate/chlorpheniramine tannate	Chlor-Phenylephrine-Tannate
phenylephrine tannate/chlorpheniramine tannate	ChlorPed D
phenylephrine tannate/chlorpheniramine tannate	chlorpheniramine-PE tannates
phenylephrine tannate/chlorpheniramine tannate	ChlorTan D
phenylephrine tannate/chlorpheniramine tannate	Dallergy-JR
phenylephrine tannate/chlorpheniramine tannate	MYCI CHLORPED D
phenylephrine tannate/chlorpheniramine tannate	NUHIST
phenylephrine tannate/chlorpheniramine tannate	Ny-Tannic
phenylephrine tannate/chlorpheniramine tannate	P-Tann D
phenylephrine tannate/chlorpheniramine tannate	PE Tann-CP Tann
phenylephrine tannate/chlorpheniramine tannate	PediaPhyl D
phenylephrine tannate/chlorpheniramine tannate	PediaTan D
phenylephrine tannate/chlorpheniramine tannate	Phenacon
phenylephrine tannate/chlorpheniramine tannate	Phenclor Tannate Pediatric
phenylephrine tannate/chlorpheniramine tannate	Phenyl Chlor-Tan
phenylephrine tannate/chlorpheniramine tannate	Pro-Tannate
phenylephrine tannate/chlorpheniramine tannate	R-Tanna
phenylephrine tannate/chlorpheniramine tannate	R-Tanna Pediatric
phenylephrine tannate/chlorpheniramine tannate	R-Tanna S
phenylephrine tannate/chlorpheniramine tannate	Rhinatate-NF
phenylephrine tannate/chlorpheniramine tannate	Ricobid
phenylephrine tannate/chlorpheniramine tannate	RINATE Pediatric
phenylephrine tannate/chlorpheniramine tannate	Ry-Tann
phenylephrine tannate/chlorpheniramine tannate	Rynatan
phenylephrine tannate/chlorpheniramine tannate	Rynatan Pediatric
phenylephrine tannate/chlorpheniramine tannate	TanaHist D

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
phenylephrine tannate/chlorpheniramine tannate	Tanatan RF
phenylephrine tannate/chlorpheniramine tannate	Tannate Pediatric
phenylephrine tannate/diphenhydramine tannate	D-Tann
phenylephrine tannate/diphenhydramine tannate	DiphenMax D
phenylephrine tannate/diphenhydramine tannate	Diphentann-D
phenylephrine tannate/diphenhydramine tannate	Dytan-D
phenylephrine tannate/diphenhydramine tannate	Pediatann-CT
phenylephrine tannate/diphenhydramine tannate	Pediatex-CT
phenylephrine tannate/diphenhydramine tannate	RE TANN D
phenylephrine tannate/diphenhydramine tannate	UNI-TANN D
phenylephrine tannate/hydrocodone tannate/diphenhydramine	D-Tann HC
phenylephrine tannate/hydrocodone tannate/diphenhydramine	DYTAN-HC
Phenylephrine Tannate/Pyrilamine Maleate/Dexbromphen Tannat	Poly Tan D
phenylephrine tannate/pyrilamine tannate	AllanVan-S
phenylephrine tannate/pyrilamine tannate	Deconsal CT
phenylephrine tannate/pyrilamine tannate	Duonate-12
phenylephrine tannate/pyrilamine tannate	K-Tan
phenylephrine tannate/pyrilamine tannate	K-Tan 4
phenylephrine tannate/pyrilamine tannate	P-Tanna 12
phenylephrine tannate/pyrilamine tannate	Pyrilafen Tannate-12
phenylephrine tannate/pyrilamine tannate	Pyrlex PD
phenylephrine tannate/pyrilamine tannate	R-Tanna 12
phenylephrine tannate/pyrilamine tannate	R-Tannic-S A/D
phenylephrine tannate/pyrilamine tannate	Rhinatate-12 Pediatric
phenylephrine tannate/pyrilamine tannate	Ry-T-12
phenylephrine tannate/pyrilamine tannate	Ryna-12
phenylephrine tannate/pyrilamine tannate	Ryna-12 S
phenylephrine tannate/pyrilamine tannate	Rynesa 12S
phenylephrine tannate/pyrilamine tannate	Tana R-12
phenylephrine tannate/pyrilamine tannate	Tanavan
phenylephrine tannate/pyrilamine tannate	V-Tann
phenylephrine tannate/pyrilamine tannate	Viravan-S
phenylephrine tannate/pyrilamine tannate	Viravan-T
phenylephrine tannate/pyrilamine tannate/chlorpheniramine	AllerTan
phenylephrine tannate/pyrilamine tannate/chlorpheniramine	AlleRx
phenylephrine tannate/pyrilamine tannate/chlorpheniramine	Atrohist Pediatric
phenylephrine tannate/pyrilamine tannate/chlorpheniramine	Chlor-Tan A 12
phenylephrine tannate/pyrilamine tannate/chlorpheniramine	Chlorex-A 12
phenylephrine tannate/pyrilamine tannate/chlorpheniramine	chlorphen-pyrilamine-PE tannts
phenylephrine tannate/pyrilamine tannate/chlorpheniramine	Conal
phenylephrine tannate/pyrilamine tannate/chlorpheniramine	Gelhist Pediatric
phenylephrine tannate/pyrilamine tannate/chlorpheniramine	Histatan
phenylephrine tannate/pyrilamine tannate/chlorpheniramine	Histatan Pediatric
phenylephrine tannate/pyrilamine tannate/chlorpheniramine	Nalex A 12
phenylephrine tannate/pyrilamine tannate/chlorpheniramine	Pro-Tannate Pediatric

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
phenylephrine tannate/pyrilamine tannate/chlorpheniramine	R-Tannamine
phenylephrine tannate/pyrilamine tannate/chlorpheniramine	R-Tannamine Pediatric
phenylephrine tannate/pyrilamine tannate/chlorpheniramine	R-Tannate
phenylephrine tannate/pyrilamine tannate/chlorpheniramine	R-Tannate Pediatric
phenylephrine tannate/pyrilamine tannate/chlorpheniramine	Rhinatate
phenylephrine tannate/pyrilamine tannate/chlorpheniramine	Rhinatate Pediatric
phenylephrine tannate/pyrilamine tannate/chlorpheniramine	Ryna-Mine
phenylephrine tannate/pyrilamine tannate/chlorpheniramine	Rynatan
phenylephrine tannate/pyrilamine tannate/chlorpheniramine	Rynatan-S Pediatric
phenylephrine tannate/pyrilamine tannate/chlorpheniramine	Rynatan Pediatric
phenylephrine tannate/pyrilamine tannate/chlorpheniramine	TanaCof-A 12
phenylephrine tannate/pyrilamine tannate/chlorpheniramine	Tanamine
phenylephrine tannate/pyrilamine tannate/chlorpheniramine	Tanamine Pediatric
phenylephrine tannate/pyrilamine tannate/chlorpheniramine	Tanoral Pediatric
phenylephrine tannate/pyrilamine tannate/chlorpheniramine	Tri-Gestan S
phenylephrine tannate/pyrilamine tannate/chlorpheniramine	Tri-Hist
phenylephrine tannate/pyrilamine tannate/chlorpheniramine	Tri-Hist Pediatric
phenylephrine tannate/pyrilamine tannate/chlorpheniramine	Tri-Tanate
phenylephrine tannate/pyrilamine tannate/chlorpheniramine	Tri-Tannate
phenylephrine tannate/pyrilamine tannate/chlorpheniramine	Tri Tann Pediatric
phenylephrine tannate/pyrilamine tannate/chlorpheniramine	Triotann
phenylephrine tannate/pyrilamine tannate/chlorpheniramine	Triotann-S
phenylephrine tannate/pyrilamine tannate/chlorpheniramine	Triotann-S Pediatric
phenylephrine tannate/pyrilamine tannate/chlorpheniramine	Triple Tannate Pediatric
phenylephrine tannate/pyrilamine tannate/chlorpheniramine	Tritan
phenylephrine tannate/pyrilamine tannate/chlorpheniramine	URL-Tannate Pediatric
Phenylephrine, Chlorpheniramine, & Methscopolamine Tannates	Ah-Chew Ultra
Phenylephrine/Acetaminophen/Diphenhydramine/Chlorpheniramine	Allergy Multi-Sympt Day-Night
Phenylephrine/Acetaminophen/Diphenhydramine/Chlorpheniramine	Tylenol Allergy M-S Day/Night
Phenylephrine/Acetaminophen/Phenyltoloxamine/Chlorpheniramin	Norel SR
Phenylephrine/Acetaminophen/Phenyltoloxamine/Chlorpheniramin	Trital SR
Phenylephrine/Chlorpheniramine/Methscopolamine/Zinc Acetate	Zinx Kids Sneeze Kit
phenylephrine/hydrocodone bit/acetaminophen/chlorpheniramine	Hycomine Compound
phenylephrine/hydrocodone/brompheniramine tannates	Vazotuss HC
Phenylephrine/Hydrocodone/Dexchlorpheniramine Tannates	Tussinal 12
Phenylephrine/Phenylephrine&Pyrilamine Tannate/Chlorphenirmn	PHENA-S 12
phenylephrine/phenylpropanol/dihydrocodeine/chlorpheniramine	Vanex Grape
phenylephrine/phenylpropanolamine/hydrocodon/pyrilam/phenirm	logreen
phenylephrine/phenylpropanolamine/hydrocodon/pyrilam/phenirm	Q-Tuss HC
phenylephrine/phenylpropanolamine/hydrocodon/pyrilam/phenirm	Rolatuss/Hydrocodone
phenylephrine/phenylpropanolamine/hydrocodon/pyrilam/phenirm	Vetuss HC
phenylephrine/pseudoephed/hydrocodone/pyrilamine/chlorphenir	Statuss Green
phenylpropanolamine HCl/acetaminophen/brompheniramine	Dimetapp Allergy Sinus
phenylpropanolamine HCl/acetaminophen/chlorpheniramine	Alumadrine
phenylpropanolamine HCl/acetaminophen/chlorpheniramine	Aspirin Free Cold

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
phenylpropanolamine HCl/acetaminophen/chlorpheniramine	Chlor-Trimeton Sinus
phenylpropanolamine HCl/acetaminophen/chlorpheniramine	chlorphen-PPA-acetaminophen
phenylpropanolamine HCl/acetaminophen/chlorpheniramine	Congestant D
phenylpropanolamine HCl/acetaminophen/chlorpheniramine	Coricidin
phenylpropanolamine HCl/acetaminophen/chlorpheniramine	Coricidin D
phenylpropanolamine HCl/acetaminophen/chlorpheniramine	Coricidin Demilets
phenylpropanolamine HCl/acetaminophen/chlorpheniramine	Duadacin
phenylpropanolamine HCl/acetaminophen/chlorpheniramine	Medicidin-D
phenylpropanolamine HCl/acetaminophen/chlorpheniramine	Sinulin
phenylpropanolamine HCl/acetaminophen/chlorpheniramine	Super Cold Tabs
phenylpropanolamine HCl/acetaminophen/chlorpheniramine	Super Strength Sinadrin
phenylpropanolamine HCl/acetaminophen/phenyltoloxamine	Sinac
phenylpropanolamine HCl/acetaminophen/phenyltoloxamine	Sinahist
phenylpropanolamine HCl/acetaminophen/phenyltoloxamine	Sinutrol
phenylpropanolamine HCl/acetaminophn/phenyltolox/chlorphenir	Norel Plus
phenylpropanolamine HCl/aspirin/chlorpheniramine	BC Cold Powder/Cold-Sinus
phenylpropanolamine HCl/aspirin/chlorpheniramine	Effervescent Cold
phenylpropanolamine HCl/aspirin/chlorpheniramine	Effervescent Cold Medicine
phenylpropanolamine HCl/aspirin/chlorpheniramine	Effervescent Cold Relief
phenylpropanolamine HCl/aspirin/chlorpheniramine	Effervescent Nite Cold Relief
phenylpropanolamine HCl/aspirin/chlorpheniramine	Effervescent Plus
phenylpropanolamine HCl/aspirin/chlorpheniramine	Medi-Seltzer Plus
phenylpropanolamine HCl/aspirin/chlorpheniramine/caffeine	Major-Stan
phenylpropanolamine HCl/aspirin/diphenhydramine	Alka-Seltzer Plus Night-Time
phenylpropanolamine HCl/aspirin/diphenhydramine	Cold Relief Nite
phenylpropanolamine HCl/aspirin/diphenhydramine	Effervescent Cold Relief
phenylpropanolamine HCl/aspirin/diphenhydramine	Effervescent Nite Cold Relief
phenylpropanolamine HCl/aspirin/diphenhydramine	Effervescent Nite Relief
phenylpropanolamine HCl/aspirin/diphenhydramine	Night Time Cold Medicine
phenylpropanolamine HCl/chlorpheniramine maleate/pheninda	Nolamine
phenylpropanolamine HCl/clemastine fumarate	Allerhist-D
phenylpropanolamine HCl/clemastine fumarate	Antihist-D
phenylpropanolamine HCl/clemastine fumarate	Antihistamine
phenylpropanolamine HCl/clemastine fumarate	Dailyhist-D
phenylpropanolamine HCl/clemastine fumarate	Dayhist-D
phenylpropanolamine HCl/clemastine fumarate	Tavist-D
phenylpropanolamine HCl/codeine/brompheniramine	Bromanate DC
phenylpropanolamine HCl/codeine/brompheniramine	Bromphen DC-Codeine
phenylpropanolamine HCl/codeine/brompheniramine	Brompheniramine DC
phenylpropanolamine HCl/codeine/brompheniramine	Diamine DC C.S.
phenylpropanolamine HCl/codeine/brompheniramine	Multi-Hist CS
phenylpropanolamine HCl/codeine/brompheniramine	Myphetane DC
phenylpropanolamine HCl/codeine/brompheniramine	Poly-CS
phenylpropanolamine HCl/codeine/brompheniramine	Poly-Histine CS
phenylpropanolamine HCl/codeine/brompheniramine	Polytine CS

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
phenylpropanolamine HCl/codeine/brompheniramine	Trihist-CS
phenylpropanolamine HCl/codeine/brompheniramine	Uni-Multihist CS
phenylpropanolamine HCl/pyrilamine maleate/pheniramine	Dometuss-NR
phenylpropanolamine HCl/pyrilamine maleate/pheniramine	Tri-P Oral Infant
phenylpropanolamine HCl/pyrilamine maleate/pheniramine	Triactin Oral Infant
phenylpropanolamine HCl/pyrilamine maleate/pheniramine	Triaminic Pediatric
phenylpropanolamine HCl/pyrilamine/phenyltoloxamine/phenir	Delhistine D
phenylpropanolamine HCl/pyrilamine/phenyltoloxamine/phenir	Highland Histine-D
phenylpropanolamine HCl/pyrilamine/phenyltoloxamine/phenir	Highland Histine-D Ped
phenylpropanolamine HCl/pyrilamine/phenyltoloxamine/phenir	Hista-D
phenylpropanolamine HCl/pyrilamine/phenyltoloxamine/phenir	Hista-D Pediatric
phenylpropanolamine HCl/pyrilamine/phenyltoloxamine/phenir	Histasil-D
phenylpropanolamine HCl/pyrilamine/phenyltoloxamine/phenir	Iohist D
phenylpropanolamine HCl/pyrilamine/phenyltoloxamine/phenir	KG-Hist D
phenylpropanolamine HCl/pyrilamine/phenyltoloxamine/phenir	Multi-Hist-D
phenylpropanolamine HCl/pyrilamine/phenyltoloxamine/phenir	Multihistamine-D
phenylpropanolamine HCl/pyrilamine/phenyltoloxamine/phenir	Multihistamine-D Pediatric
phenylpropanolamine HCl/pyrilamine/phenyltoloxamine/phenir	Poly-D
phenylpropanolamine HCl/pyrilamine/phenyltoloxamine/phenir	Poly-Histine-D
phenylpropanolamine HCl/pyrilamine/phenyltoloxamine/phenir	Poly-Histine-D Pediatric
phenylpropanolamine HCl/pyrilamine/phenyltoloxamine/phenir	Polytine D
phenylpropanolamine HCl/pyrilamine/phenyltoloxamine/phenir	Ppa/Pyrilamine/P-Tlox/Phenir
phenylpropanolamine HCl/pyrilamine/phenyltoloxamine/phenir	Prohistine-D
phenylpropanolamine HCl/pyrilamine/phenyltoloxamine/phenir	Quadra-Hist D
phenylpropanolamine HCl/pyrilamine/phenyltoloxamine/phenir	Quadra-Hist D Ped (PPA)
phenylpropanolamine HCl/pyrilamine/phenyltoloxamine/phenir	TriHist D
phenylpropanolamine HCl/pyrilamine/phenyltoloxamine/phenir	Uni-Multihist D
phenylpropanolamine HCl/pyrilamine/phenyltoloxamine/phenir	Uni Multi Hist D Pediatric
phenylpropanolamine/acetaminophen/chlorpheniramine/caffeine	Sinapils
phenyltoloxamine citrate (dihydrogen)	phenyltoloxamine citrate(bulk)
pot guaiaico/dextromethorphan/phenyleph/pyrilamine/citric acid	Broncopectol
pot guaiaico/dextromethorphan/phenyleph/pyrilamine/citric acid	Broncopectol NN
pot guaicol-sod citrate/dextromethorphan/phenylephrine/pyril	Albatussin NN
potassium guaiacolsulfonate/dextromethorphan/phenyleph/pyril	Albatussin NN
potassium guaiacolsulfonate/dextromethorphan/phenyleph/pyril	Albatussin SR Senior
potassium guaiacolsulfonate/dextromethorphan/phenyleph/pyril	Vita-Numonyl AD
potassium guaiacolsulfonate/dextromethorphan/phenyleph/pyril	Vita-Numonyl NR
promethazine HCl	Adgan
promethazine HCl	Phen-Tuss
promethazine HCl	Phenadoz
promethazine HCl	Phenergan
promethazine HCl	Phenergan Fortis
promethazine HCl	Phenergan Plain
promethazine HCl	Promacot
promethazine HCl	promethazine

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
promethazine HCl	promethazine (bulk)
promethazine HCl	Promethegan
promethazine HCl in 0.9 % sodium chloride	promethazine in 0.9 % NaCl
promethazine HCl/codeine	Phenergan-Codeine
promethazine HCl/codeine	promethazine-codeine
promethazine HCl/dextromethorphan HBr	Phen-Tuss Dm
promethazine HCl/dextromethorphan HBr	Phenergan DM
promethazine HCl/dextromethorphan HBr	promethazine-DM
promethazine/phenylephrine HCl/codeine	Phenergan VC-Codeine
promethazine/phenylephrine HCl/codeine	promethazine-phenyleph-codeine
promethazine/phenylephrine HCl/codeine	Promethazine VC-Codeine
pseudoephedrine HCl/acetaminophen/brompheniramine	Children's Dimetapp Cold(APAP)
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Actifed Cold and Sinus
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Alka-Seltzer Plus Cold
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Allergy-Sinus Acetaminophen
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Allergy-Sinus Maximum Strength
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Allergy Sinus-D
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Allergy Sinus Pain Reliever
pseudoephedrine HCl/acetaminophen/chlorpheniramine	BC Allergy-Sinus-Headache
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Children's Cold
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Children's Cold and Pain
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Children's Non-Aspirin Cold
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Children's Pain Relief-Cold
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Children's Tylenol Cold
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Codimal
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Cold Medicine
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Cold Medicine Plus
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Cold Plus
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Comtrex
pseudoephedrine HCl/acetaminophen/chlorpheniramine	cpm-pseudoephed-acetaminophen
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Drinex
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Duadacin
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Flu-Cold Medicine
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Flu and Cold
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Flu and Cold Medicine
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Flu, Cold Hot Liquid Medicine
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Lorsin
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Maximum Apap Allergy/Sinus
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Maximum Strength Sinus
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Non-Aspirin Allergy Sinus
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Non-Aspirin Child's Cold
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Non-Aspirin Sinus
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Non-Aspirin Sinus Allergy
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Pain Relief Allergy Sinus
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Pain Relief Plus Cold

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Pain Reliever Allergy Sinus
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Simplet
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Singlet
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Sinumed
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Sinus
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Sinus-Allergy Max Strength
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Sinus Aid
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Sinus Allergy
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Sinus Extra-Strength
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Sinus Maximum Strength
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Sinus Pain Relief Max Str
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Sinus Tablet
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Sinuson
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Sinustab
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Sinutab Maximum Strength
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Theraflu Cold-Cough
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Theraflu Cold and Sore Throat
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Theraflu Flu-Sore Throat
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Triaminicin
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Tylenol Allergy Complt Mult-Sx
pseudoephedrine HCl/acetaminophen/chlorpheniramine	Tylenol Allergy Sinus Day Time
pseudoephedrine HCl/acetaminophen/chlorpheniramine	V-Med
pseudoephedrine HCl/acetaminophen/dexbrompheniramine	Complete Sinus Relief
pseudoephedrine HCl/acetaminophen/dexbrompheniramine	Drixoral Allergy Sinus
pseudoephedrine HCl/acetaminophen/dexbrompheniramine	Drixoral Cold and Flu
pseudoephedrine HCl/acetaminophen/dexbrompheniramine	Sinadrin Plus
pseudoephedrine HCl/acetaminophen/dexchlorpheniramine	Hexaflu
pseudoephedrine HCl/acetaminophen/diphenhydramine	Acetaminophen Flu Nighttime
pseudoephedrine HCl/acetaminophen/diphenhydramine	Actifed Sinus Daytime, Night
pseudoephedrine HCl/acetaminophen/diphenhydramine	All-Sinus-Head
pseudoephedrine HCl/acetaminophen/diphenhydramine	Allergy Sinus Complete Caplet
pseudoephedrine HCl/acetaminophen/diphenhydramine	Allergy Sinus Headache
pseudoephedrine HCl/acetaminophen/diphenhydramine	Allergy Sinus Nite Caplet
pseudoephedrine HCl/acetaminophen/diphenhydramine	Allergy/Sinus Nighttime Max St
pseudoephedrine HCl/acetaminophen/diphenhydramine	Benadryl Allergy-Sinus-Head
pseudoephedrine HCl/acetaminophen/diphenhydramine	Benadryl Allergy-Sinus-Headach
pseudoephedrine HCl/acetaminophen/diphenhydramine	Benadryl Cold
pseudoephedrine HCl/acetaminophen/diphenhydramine	Benadryl Cold/Flu
pseudoephedrine HCl/acetaminophen/diphenhydramine	Children's Tylenol Allergy-D
pseudoephedrine HCl/acetaminophen/diphenhydramine	Children's Tylenol Plus
pseudoephedrine HCl/acetaminophen/diphenhydramine	Cold Caps
pseudoephedrine HCl/acetaminophen/diphenhydramine	Cold Control +
pseudoephedrine HCl/acetaminophen/diphenhydramine	Complete Allergy/Sinus
pseudoephedrine HCl/acetaminophen/diphenhydramine	Decongestant Plus Cold/Flu
pseudoephedrine HCl/acetaminophen/diphenhydramine	Diphedryl

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
pseudoephedrine HCl/acetaminophen/diphenhydramine	Intense Cold Medicine
pseudoephedrine HCl/acetaminophen/diphenhydramine	Intense Strength Cold Medicine
pseudoephedrine HCl/acetaminophen/diphenhydramine	Kenahist Plus
pseudoephedrine HCl/acetaminophen/diphenhydramine	Medi-Tabs Allergy Sinus
pseudoephedrine HCl/acetaminophen/diphenhydramine	Multi-Symptom Flu Relief
pseudoephedrine HCl/acetaminophen/diphenhydramine	Night Time
pseudoephedrine HCl/acetaminophen/diphenhydramine	Nighttime Flu Medicine
pseudoephedrine HCl/acetaminophen/diphenhydramine	Non-ASA Flu Nighttime Max St
pseudoephedrine HCl/acetaminophen/diphenhydramine	Non-Aspirin Allergy Sinus Pm
pseudoephedrine HCl/acetaminophen/diphenhydramine	Non-Aspirin Flu
pseudoephedrine HCl/acetaminophen/diphenhydramine	Sudafed Sinus Nighttime (PSE)
pseudoephedrine HCl/acetaminophen/diphenhydramine	Suphedrine Sinus Nighttime
pseudoephedrine HCl/acetaminophen/diphenhydramine	Tylenol Allergy Cmpl Nighttime
pseudoephedrine HCl/acetaminophen/diphenhydramine	Tylenol Allergy Sinus Night
pseudoephedrine HCl/acetaminophen/diphenhydramine	Tylenol Flu Night Time
pseudoephedrine HCl/acetaminophen/diphenhydramine	Tylenol Max St Flu Nighttime
pseudoephedrine HCl/acetaminophen/diphenhydramine	Valu-Dryl Allergy-Sinus-Head
pseudoephedrine HCl/acetaminophen/diphenhydramine	Wal-dryl Allergy-Sinus-Head
pseudoephedrine HCl/acetaminophen/doxylamine succinate	Tylenol Sinus Day-Night Pack
pseudoephedrine HCl/acetaminophen/doxylamine succinate	Tylenol Sinus Night Time
pseudoephedrine HCl/acetaminophen/dp-hydramine/chlorphenir	Tylenol Allergy Cmp Mult-Sx NT
pseudoephedrine HCl/acetaminophen/dp-hydramine/chlorphenir	Tylenol Allergy Sinus Con Pack
pseudoephedrine HCl/acrivastine	Semprex-D
pseudoephedrine HCl/aspirin/chlorpheniramine	Effervescent Cold Relief
pseudoephedrine HCl/aspirin/chlorpheniramine	Effervescent Plus Cold Relief
pseudoephedrine HCl/carbinoxamine maleate/scopolamine	Nacon
pseudoephedrine HCl/carbinoxamine maleate/scopolamine	Pannaz
pseudoephedrine HCl/carbinoxamine maleate/scopolamine	Pannaz S
pseudoephedrine HCl/carbinoxamine maleate/scopolamine	Pseudox M
pseudoephedrine HCl/chlorpheniramine maleate/bellad alk	Respa-AR
pseudoephedrine HCl/chlorpheniramine maleate/bellad alk	Ru-Tuss
pseudoephedrine HCl/chlorpheniramine maleate/methylscopolamn	Allepak
pseudoephedrine HCl/chlorpheniramine maleate/methylscopolamn	Allergy AM-PM
pseudoephedrine HCl/chlorpheniramine maleate/methylscopolamn	Allergy DN
pseudoephedrine HCl/chlorpheniramine maleate/methylscopolamn	AlleRx
pseudoephedrine HCl/chlorpheniramine maleate/methylscopolamn	AlleRx Dose Pack
pseudoephedrine HCl/chlorpheniramine maleate/methylscopolamn	Amdry-C
pseudoephedrine HCl/chlorpheniramine maleate/methylscopolamn	chlorphen-pseudoephed-methscop
pseudoephedrine HCl/chlorpheniramine maleate/methylscopolamn	Coldamine
pseudoephedrine HCl/chlorpheniramine maleate/methylscopolamn	Dallergy PSE
pseudoephedrine HCl/chlorpheniramine maleate/methylscopolamn	DryMax
pseudoephedrine HCl/chlorpheniramine maleate/methylscopolamn	DURAHIST
pseudoephedrine HCl/chlorpheniramine maleate/methylscopolamn	Hista-Vent PSE
pseudoephedrine HCl/chlorpheniramine maleate/methylscopolamn	Histade MX
pseudoephedrine HCl/chlorpheniramine maleate/methylscopolamn	Histatab

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
pseudoephedrine HCl/chlorpheniramine maleate/methylscopolam	Mescolor
pseudoephedrine HCl/chlorpheniramine maleate/methylscopolam	Pannaz (methscopolamine)
pseudoephedrine HCl/chlorpheniramine maleate/methylscopolam	PCM LA
pseudoephedrine HCl/chlorpheniramine maleate/methylscopolam	PSE 90-CPM 8-MSD 2.5
pseudoephedrine HCl/chlorpheniramine maleate/methylscopolam	pseud-methscp/cpm-methscp
pseudoephedrine HCl/chlorpheniramine maleate/methylscopolam	Pseudo CM
pseudoephedrine HCl/chlorpheniramine maleate/methylscopolam	RelCof DN PSE
pseudoephedrine HCl/chlorpheniramine maleate/methylscopolam	Relcof PSE
pseudoephedrine HCl/chlorpheniramine maleate/methylscopolam	Rescon Mx
pseudoephedrine HCl/chlorpheniramine maleate/methylscopolam	RhinaClear
pseudoephedrine HCl/chlorpheniramine maleate/methylscopolam	Scophist
pseudoephedrine HCl/chlorpheniramine maleate/methylscopolam	Time-Hist QD
pseudoephedrine HCl/chlorpheniramine maleate/methylscopolam	Vaso
pseudoephedrine HCl/chlorpheniramine maleate/methylscopolam	VisRx
pseudoephedrine HCl/chlorpheniramine maleate/methylscopolam	Xiral SR
pseudoephedrine HCl/chlorpheniramine maleate/zinc acetate	Zinx Allergy Kit
pseudoephedrine HCl/codeine phosphate/triprolidine	Actagen C
pseudoephedrine HCl/codeine phosphate/triprolidine	Poly Hist NC
pseudoephedrine HCl/codeine phosphate/triprolidine	pseudoeph-triprolidine-cod
pseudoephedrine HCl/codeine phosphate/triprolidine	Triacin C
pseudoephedrine HCl/codeine phosphate/triprolidine	Triprolidine-C
pseudoephedrine HCl/codeine/chlorpheniramine	chlorphen-pseudoephed-codeine
pseudoephedrine HCl/codeine/chlorpheniramine	Co-Histine DH
pseudoephedrine HCl/codeine/chlorpheniramine	Decohistine DH
pseudoephedrine HCl/codeine/chlorpheniramine	Dihist DH
pseudoephedrine HCl/codeine/chlorpheniramine	Dihistine DH
pseudoephedrine HCl/codeine/chlorpheniramine	Novadyne DH
pseudoephedrine HCl/codeine/chlorpheniramine	Novagest DH
pseudoephedrine HCl/codeine/chlorpheniramine	Novahistine DH
pseudoephedrine HCl/codeine/chlorpheniramine	Phenylhistine DH
pseudoephedrine HCl/codeine/chlorpheniramine	Ryna-C
pseudoephedrine HCl/diphenhydramine citrate	Benadryl-D Fastmelt
pseudoephedrine HCl/diphenhydramine citrate	Benadryl Allergy-Sinus
pseudoephedrine HCl/diphenhydramine citrate	Children's Benadryl Allg-Cold
pseudoephedrine HCl/diphenhydramine HCl	Actifed Allergy Daytime/Night
pseudoephedrine HCl/diphenhydramine HCl	Allergy and Congest Relief
pseudoephedrine HCl/diphenhydramine HCl	Allergy Decongestant
pseudoephedrine HCl/diphenhydramine HCl	Banophen Plus
pseudoephedrine HCl/diphenhydramine HCl	Benadryl-D Allergy and Sinus
pseudoephedrine HCl/diphenhydramine HCl	Benadryl Allergy Decongestant
pseudoephedrine HCl/diphenhydramine HCl	Benadryl Allergy Sinus Child's
pseudoephedrine HCl/diphenhydramine HCl	Tekral
pseudoephedrine HCl/diphenhydramine HCl	Wal-dryl-D
pseudoephedrine HCl/hydrocodone bitartrate/triprolidine	Zymine HC
pseudoephedrine HCl/pyrilamine maleate/phenyltolox/phenir	Quadra-Hist D

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
pseudoephedrine HCl/pyrilamine maleate/phenyltolox/phenir	Quadra-Hist D Ped
pseudoephedrine polistirex/chlorpheniramine polacrilex	Sudal 12
pseudoephedrine polistirex/chlorpheniramine polistirex	Sudal 12
pseudoephedrine sulfate/azatadine maleate	Rynatan
pseudoephedrine sulfate/azatadine maleate	Trinalin Repetabs
pseudoephedrine tannate/brompheniramine tannate	B-Vex PD
pseudoephedrine tannate/brompheniramine tannate	Brovex PD
pseudoephedrine tannate/brompheniramine tannate	Lodrane D
pseudoephedrine tannate/dexchlorpheniramine tannate	AllerDur
pseudoephedrine tannate/dexchlorpheniramine tannate	Bi-Tann DP
pseudoephedrine tannate/dexchlorpheniramine tannate	Duotan PD
pseudoephedrine tannate/dexchlorpheniramine tannate	SuTan
pseudoephedrine tannate/dexchlorpheniramine tannate	Tanafed DP
pseudoephedrine tannate/pyrilamine tannate	Viravan-P (Tannate)
pseudoephedrine tannate/triprolidine tannate	Zymine DRX
pseudoephedrine/hydrocodone/brompheniramine tannates	SymTan A
Pseudoephedrine/Hydrocodone/Chlorpheniramine Tannates	Atuss HS
pseudoephedrine/methscopolamn/chlorpheniramine/phenylephrine	Allerx 10
pseudoephedrine/methscopolamn/chlorpheniramine/phenylephrine	AlleRx 30
pseudoephedrine/pyrilamine/dexchlorpheniramine tannates	Nalfrx
pyrilamine maleate	PediaClear-8
pyrilamine maleate	pyrilamine maleate (bulk)
pyrilamine maleate/chlophedianol HCl	Children's Dayclear Allergy
pyrilamine maleate/chlophedianol HCl	DayClear Allergy Relief
pyrilamine maleate/chlophedianol HCl	Ninjacof
pyrilamine maleate/chlophedianol HCl	Vanacof-8
pyrilamine maleate/chlophedianol HCl	VanaCof AC
pyrilamine maleate/chlophedianol HCl	VanaTab AC
pyrilamine maleate/chlophedianol HCl/acetaminophen	Ninjacof-A
pyrilamine maleate/dexbrompheniramine tannate	Poly Tan
pyrilamine maleate/dextromethorphan HBr	Capron DM
pyrilamine maleate/dextromethorphan HBr	Capron DMT
pyrilamine maleate/phenylephrine HCl/chlophedianol HCl	Pro-Chlo
Pyrilamine Maleate/Phenylephrine HCl/Codeine Phosphate	Pro-Red AC (with pyrilamine)
Pyrilamine Maleate/Phenylephrine HCl/Codeine Phosphate	Zotex-C
pyrilamine maleate/phenylephrine HCl/dextromethorphan HBr	Albatussin
pyrilamine maleate/phenylephrine HCl/dextromethorphan HBr	Albatussin Pediatric NR
pyrilamine maleate/phenylephrine HCl/dextromethorphan HBr	Aldex DM
pyrilamine maleate/phenylephrine HCl/dextromethorphan HBr	Codal-DM
pyrilamine maleate/phenylephrine HCl/dextromethorphan HBr	Codimal DM
pyrilamine maleate/phenylephrine HCl/dextromethorphan HBr	Codituss DM
pyrilamine maleate/phenylephrine HCl/dextromethorphan HBr	Dicomal-DM
pyrilamine maleate/phenylephrine HCl/dextromethorphan HBr	MyHist-DM
pyrilamine maleate/phenylephrine HCl/dextromethorphan HBr	POLY HIST DM
pyrilamine maleate/phenylephrine HCl/dextromethorphan HBr	Pyril DM

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
pyrilamine maleate/phenylephrine HCl/dextromethorphan HBr	pyrilamine-phenylephrine-DM
pyrilamine maleate/phenylephrine HCl/dextromethorphan HBr	Reme Hist DM
pyrilamine maleate/phenylephrine HCl/dextromethorphan HBr	Triplex DM
pyrilamine maleate/phenylephrine HCl/dihydrocodeine bitart	Poly Hist DHC
pyrilamine maleate/phenyltoloxamine/pheniramine	Poly-Histine
pyrilamine maleate/phenyltoloxamine/pheniramine	Tri-Histine
pyrilamine maleate/pseudoephedrine HCl	Viravan-P
pyrilamine maleate/pseudoephedrine HCl/carbetapentane citrat	Corzall Plus
pyrilamine maleate/pseudoephedrine HCl/carbetapentane citrat	Zotex-D
pyrilamine maleate/pseudoephedrine HCl/chlophedianol HCl	Ninjacof-D
pyrilamine maleate/pseudoephedrine HCl/codeine phosphate	Neo AC
pyrilamine maleate/pseudoephedrine HCl/dextromethorphan HBr	Viravan-PDM
pyrilamine tannate	Pyrlex
thonzylamine HCl/chlophedianol HCl	POLY HIST PD
thonzylamine HCl/phenylephrine HCl	Nasopen PE
thonzylamine HCl/phenylephrine HCl/chlophedianol HCl	Vanacof APE
thonzylamine HCl/phenylephrine HCl/dextromethorphan HBr	Poly-Hist DM (thonzylamine)
trimeprazine tartrate	trimeprazine tartrate (bulk)
tripelennamine HCl	tripelennamine (bulk)
triprolidine HCl	Dr Manzanilla Infant
triprolidine HCl	Dr Manzanilla Pediatric (Trip)
triprolidine HCl	Histex (triprolidine)
triprolidine HCl	Histex PD
triprolidine HCl	Histex PDX
triprolidine HCl	M-Hist PD
triprolidine HCl	Miclara LQ
triprolidine HCl	PediaClear Allergy
triprolidine HCl	PediaClear PD
triprolidine HCl	Tripohist
triprolidine HCl	triprolidine HCl
triprolidine HCl	triprolidine HCl (bulk)
triprolidine HCl	VanaClear PD
triprolidine HCl	Vanahist PD
triprolidine HCl	Zymine
triprolidine HCl/chlophedianol HCl	Prohist CF
triprolidine HCl/dextromethorphan HBr/acetaminophen	Mucinex Nightshift Cold-Flu
triprolidine HCl/dextromethorphan/acetaminophen/guaifenesin	Mucinex Fast-Max DM Nightshift
triprolidine HCl/phenylephrine HCl/chlophedianol HCl	Prohist CD
triprolidine HCl/phenylephrine HCl/codeine phosphate	Histex-AC
triprolidine HCl/phenylephrine HCl/dextromethorphan HBr	Dr Manzanilla DM
triprolidine HCl/phenylephrine HCl/dextromethorphan HBr	Histex DM
triprolidine HCl/phenylephrine HCl/dextromethorphan HBr	Miclara DM
triprolidine HCl/phenylephrine/dextromethorphan/acetaminophen	Child Mucinex Freefrom Nt Cold
triprolidine HCl/phenylephrine/dextromethorphan/acetaminophen	Mucinex Freefrom Nt Cold-Flu
triprolidine HCl/phenylephrine/dextromethorphan/acetaminophen	Mucinex Nightshft Cold-Flu Clr

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
triprolidine HCl/phenylephrine/dextromethorphan/acetaminophen	Mucinex Nightshift Sinus
triprolidine HCl/pseudoephedrine HCl	A-Phedrin
triprolidine HCl/pseudoephedrine HCl	Acta-Tabs
triprolidine HCl/pseudoephedrine HCl	Actanol
triprolidine HCl/pseudoephedrine HCl	Actedril
triprolidine HCl/pseudoephedrine HCl	Actifed
triprolidine HCl/pseudoephedrine HCl	Actifed Cold-Allergy
triprolidine HCl/pseudoephedrine HCl	Active
triprolidine HCl/pseudoephedrine HCl	Allerfrim
triprolidine HCl/pseudoephedrine HCl	Altafed
triprolidine HCl/pseudoephedrine HCl	Antihist/Nasal
triprolidine HCl/pseudoephedrine HCl	Antihistamine
triprolidine HCl/pseudoephedrine HCl	Antihistamine Decongestant
triprolidine HCl/pseudoephedrine HCl	Antihistamine Nasal Decongest
triprolidine HCl/pseudoephedrine HCl	Antihistatabs
triprolidine HCl/pseudoephedrine HCl	Aphedrid
triprolidine HCl/pseudoephedrine HCl	Aphedrid Cold and Allergy
triprolidine HCl/pseudoephedrine HCl	Aprodine
triprolidine HCl/pseudoephedrine HCl	Biofed-PE
triprolidine HCl/pseudoephedrine HCl	Cold-Allergy-Sinus
triprolidine HCl/pseudoephedrine HCl	Cold and Allergy(triprolidine)
triprolidine HCl/pseudoephedrine HCl	Decongestant
triprolidine HCl/pseudoephedrine HCl	Decongestant-Anitihistamine
triprolidine HCl/pseudoephedrine HCl	Decongestant 12 hour
triprolidine HCl/pseudoephedrine HCl	Ed A-Hist PSE
triprolidine HCl/pseudoephedrine HCl	Entre-Hist PSE
triprolidine HCl/pseudoephedrine HCl	Genac
triprolidine HCl/pseudoephedrine HCl	Hist-PSE
triprolidine HCl/pseudoephedrine HCl	Hista-Tabs
triprolidine HCl/pseudoephedrine HCl	Histafed
triprolidine HCl/pseudoephedrine HCl	Maxi-Tuss TR
triprolidine HCl/pseudoephedrine HCl	Maxifed TR
triprolidine HCl/pseudoephedrine HCl	Nasal Decongest-Antihistamine
triprolidine HCl/pseudoephedrine HCl	Nasal Decongestant
triprolidine HCl/pseudoephedrine HCl	Nasal Decongestant-Antihist
triprolidine HCl/pseudoephedrine HCl	Pediatex TD
triprolidine HCl/pseudoephedrine HCl	Pseudo-Trip
triprolidine HCl/pseudoephedrine HCl	Ridifed
triprolidine HCl/pseudoephedrine HCl	Ritifed
triprolidine HCl/pseudoephedrine HCl	Silafed
triprolidine HCl/pseudoephedrine HCl	Sudafed Sinus Nighttime
triprolidine HCl/pseudoephedrine HCl	Suphedrine Max Str Sinus Nite
triprolidine HCl/pseudoephedrine HCl	Tri-Afed Allergy/Head Cold
triprolidine HCl/pseudoephedrine HCl	Tri-Fed
triprolidine HCl/pseudoephedrine HCl	Tri-Phed

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
triprolidine HCl/pseudoephedrine HCl	Tri-Pseudaphed
triprolidine HCl/pseudoephedrine HCl	Tri-Pseudated
triprolidine HCl/pseudoephedrine HCl	Tri-Pseudo
triprolidine HCl/pseudoephedrine HCl	Tri-Sudo
triprolidine HCl/pseudoephedrine HCl	Triafed
triprolidine HCl/pseudoephedrine HCl	Trifed
triprolidine HCl/pseudoephedrine HCl	Trifedrine
triprolidine HCl/pseudoephedrine HCl	Trip-PSE
triprolidine HCl/pseudoephedrine HCl	Triphed
triprolidine HCl/pseudoephedrine HCl	Tripohist D
triprolidine HCl/pseudoephedrine HCl	Triposed
triprolidine HCl/pseudoephedrine HCl	triprolidine-pseudoephedrine
triprolidine HCl/pseudoephedrine HCl	Triptifed
triprolidine HCl/pseudoephedrine HCl	Trisofed
triprolidine HCl/pseudoephedrine HCl	Trisudex
triprolidine HCl/pseudoephedrine HCl	Trymine D
triprolidine HCl/pseudoephedrine HCl	Uni-Fed
triprolidine HCl/pseudoephedrine HCl	Wal-Act D Cold and Allergy
triprolidine HCl/pseudoephedrine HCl	Zymine-D
triprolidine HCl/pseudoephedrine HCl/acetaminophen	Actifed Cold and Sinus
triprolidine HCl/pseudoephedrine HCl/acetaminophen	Nasal Decongestant-Antihist
triprolidine HCl/pseudoephedrine HCl/chlophedianol HCl	Trymine CD
triprolidine HCl/pseudoephedrine HCl/dextromethorphan HBr	Pediatex TDM
triprolidine polistirex/pseudoephedrine polistirex	Pediatex PS
triprolidine tannate	Zymine XR
triprolidine/phenylephrine/dextromethorph/acetamin/guaifenes	Child Mucinex Freefrom MS D-N
triprolidine/phenylephrine/dextromethorph/acetamin/guaifenes	Mucinex Fast-Max Cong-Nghtshft
triprolidine/phenylephrine/dextromethorph/acetamin/guaifenes	Mucinex Fast-Max Nightshft Clr
triprolidine/phenylephrine/dextromethorph/acetamin/guaifenes	Mucinex Sinus-Max Nightshift
Antihypertensives	
aliskiren hemifumarate	aliskiren
aliskiren hemifumarate	Tekturna
aliskiren hemifumarate/amlodipine besylate	Tekamlo
aliskiren hemifumarate/amlodipine/hydrochlorothiazide	Amturnide
aliskiren hemifumarate/hydrochlorothiazide	Tekturna HCT
aliskiren/valsartan	Valturna
amlodipine besylate/benazepril HCl	amlodipine-benazepril
amlodipine besylate/benazepril HCl	Lotrel
amlodipine besylate/olmesartan medoxomil	amlodipine-olmesartan
amlodipine besylate/olmesartan medoxomil	Azor
amlodipine besylate/valsartan	amlodipine-valsartan
amlodipine besylate/valsartan	Exforge
amlodipine besylate/valsartan/hydrochlorothiazide	amlodipine-valsartan-hcthiazyd
amlodipine besylate/valsartan/hydrochlorothiazide	Exforge HCT
atenolol/chlorthalidone	atenolol-chlorthalidone

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Generic Name	Brand Name
atenolol/chlorthalidone	Tenoretic 100
atenolol/chlorthalidone	Tenoretic 50
azilsartan medoxomil	Edarbi
azilsartan medoxomil/chlorthalidone	Edarbyclor
benazepril HCl	benazepril
benazepril HCl	Lotensin
benazepril HCl/hydrochlorothiazide	benazepril-hydrochlorothiazide
benazepril HCl/hydrochlorothiazide	Lotensin HCT
bisoprolol fumarate/hydrochlorothiazide	bisoprolol-hydrochlorothiazide
bisoprolol fumarate/hydrochlorothiazide	Ziac
candesartan cilexetil	Atacand
candesartan cilexetil	candesartan
candesartan cilexetil/hydrochlorothiazide	Atacand HCT
candesartan cilexetil/hydrochlorothiazide	candesartan-hydrochlorothiazid
captopril	Capoten
captopril	captopril
captopril/hydrochlorothiazide	Capozide
captopril/hydrochlorothiazide	captopril-hydrochlorothiazide
clonidine	Catapres-TTS-1
clonidine	Catapres-TTS-2
clonidine	Catapres-TTS-3
clonidine	clonidine
clonidine HCl	Catapres
clonidine HCl	clonidine HCl
clonidine HCl	Nexiclon XR
clonidine HCl/chlorthalidone	Clorpres
clonidine HCl/chlorthalidone	Combipres-1
clonidine HCl/chlorthalidone	Combipres-2
doxazosin mesylate	Cardura
doxazosin mesylate	Cardura XL
doxazosin mesylate	doxazosin
enalapril maleate	enalapril maleate
enalapril maleate	Epaned
enalapril maleate	Vasotec
enalapril maleate/felodipine	Lexxel
enalapril maleate/hydrochlorothiazide	enalapril-hydrochlorothiazide
enalapril maleate/hydrochlorothiazide	Vaseretic
enalaprilat dihydrate	enalaprilat
enalaprilat dihydrate	Vasotec
eprosartan mesylate	eprosartan
eprosartan mesylate	Teveten
eprosartan mesylate/hydrochlorothiazide	Teveten HCT
fenoldopam mesylate	Corlopam
fenoldopam mesylate	fenoldopam
fosinopril sodium	fosinopril

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
fosinopril sodium	Monopril
fosinopril sodium/hydrochlorothiazide	fosinopril-hydrochlorothiazide
fosinopril sodium/hydrochlorothiazide	Monopril HCT
hydralazine HCl	Apresoline
hydralazine HCl	hydralazine
hydralazine HCl/hydrochlorothiazide	Apresazide
hydralazine HCl/hydrochlorothiazide	Hydra-Zide
hydralazine HCl/hydrochlorothiazide	hydralazine-hydrochlorothiazid
hydralazine HCl/reserpine/hydrochlorothiazide	Cam-Ap-Es
hydralazine HCl/reserpine/hydrochlorothiazide	hydralazine-reserpin-hcthiazid
hydralazine HCl/reserpine/hydrochlorothiazide	Ser-A-Gen
hydralazine HCl/reserpine/hydrochlorothiazide	Uni-Serp
irbesartan	Avapro
irbesartan	irbesartan
irbesartan/hydrochlorothiazide	Avalide
irbesartan/hydrochlorothiazide	irbesartan-hydrochlorothiazide
isosorbide dinitrate/hydralazine HCl	BiDil
lisinopril	lisinopril
lisinopril	Prinivil
lisinopril	Qbrelis
lisinopril	Zestril
lisinopril/dietary supplement,comb.10	Lytensopril
lisinopril/dietary supplement,comb.10	Lytensopril-90
lisinopril/hydrochlorothiazide	lisinopril-hydrochlorothiazide
lisinopril/hydrochlorothiazide	Prinzide
lisinopril/hydrochlorothiazide	Zestoretic
losartan potassium	Cozaar
losartan potassium	losartan
losartan potassium/hydrochlorothiazide	Hyzaar
losartan potassium/hydrochlorothiazide	losartan-hydrochlorothiazide
methyldopa	Aldomet
methyldopa	methyldopa
methyldopa/chlorothiazide	Aldoclor
methyldopa/hydrochlorothiazide	Aldoril-15
methyldopa/hydrochlorothiazide	Aldoril-25
methyldopa/hydrochlorothiazide	Aldoril D30
methyldopa/hydrochlorothiazide	methyldopa-hydrochlorothiazide
methyldopate HCl	methyldopate
metoprolol succinate/hydrochlorothiazide	Dutoprol
metoprolol succinate/hydrochlorothiazide	metoprolol su-hydrochlorothiaz
metoprolol tartrate/hydrochlorothiazide	Lopressor HCT
metoprolol tartrate/hydrochlorothiazide	metoprolol ta-hydrochlorothiaz
moexipril HCl	moexipril
moexipril HCl	Univasc
moexipril HCl/hydrochlorothiazide	moexipril-hydrochlorothiazide

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Generic Name	Brand Name
moexipril HCl/hydrochlorothiazide	Uniretic
nadolol/bendroflumethiazide	Corzide
nadolol/bendroflumethiazide	nadolol-bendroflumethiazide
nebivolol HCl/valsartan	Byvalson
olmesartan medoxomil	Benicar
olmesartan medoxomil	olmesartan
olmesartan medoxomil/amlodipine besylate/hydrochlorothiazide	olmesartan-amlodipin-hcthiazid
olmesartan medoxomil/amlodipine besylate/hydrochlorothiazide	Tribenzor
olmesartan medoxomil/hydrochlorothiazide	Benicar HCT
olmesartan medoxomil/hydrochlorothiazide	olmesartan-hydrochlorothiazide
perindopril arginine/amlodipine besylate	Prestalia
perindopril erbumine	Aceon
perindopril erbumine	perindopril erbumine
phenoxybenzamine HCl	Dibenzyline
phenoxybenzamine HCl	phenoxybenzamine
phentolamine mesylate	phentolamine
phentolamine mesylate	Regitine
prazosin HCl	Minipress
prazosin HCl	prazosin
prazosin HCl/polythiazide	Minizide
propranolol HCl/hydrochlorothiazide	Inderide
propranolol HCl/hydrochlorothiazide	Inderide LA
propranolol HCl/hydrochlorothiazide	propranolol-hydrochlorothiazid
quinapril HCl	Accupril
quinapril HCl	quinapril
quinapril HCl/hydrochlorothiazide	Accuretic
quinapril HCl/hydrochlorothiazide	quinapril-hydrochlorothiazide
quinapril HCl/hydrochlorothiazide	Quinaretic
ramipril	Altace
ramipril	ramipril
reserpine	reserpine
reserpine/hydrochlorothiazide	Hydro-Reserp
reserpine/hydrochlorothiazide	reserpine-hydrochlorothiazide
reserpine/hydroflumethiazide	Salutensin
reserpine/hydroflumethiazide	Salutensin-Demi
reserpine/methyclothiazide	Diutensen-R
reserpine/polythiazide	Renese-R
riociguat	Adempas
sacubitril/valsartan	Entresto
selexipag	Uptravi
spironolactone	Aldactone
spironolactone	spironolactone
tadalafil	Adcirca
tadalafil	Alyq
tadalafil	tadalafil (pulm. hypertension)

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Generic Name	Brand Name
telmisartan	Micardis
telmisartan	telmisartan
telmisartan/amlodipine besylate	telmisartan-amlodipine
telmisartan/amlodipine besylate	Twynsta
telmisartan/hydrochlorothiazide	Micardis HCT
telmisartan/hydrochlorothiazide	telmisartan-hydrochlorothiazid
terazosin HCl	Hytrin
terazosin HCl	terazosin
timolol maleate/hydrochlorothiazide	Timolide
tolazoline HCl	Priscoline
trandolapril	Mavik
trandolapril	trandolapril
trandolapril/verapamil HCl	Tarka
trandolapril/verapamil HCl	trandolapril-verapamil
treprostinil	Tyvaso
treprostinil diolamine	Orenitram
treprostinil sodium	Remodulin
treprostinil sodium	treprostinil sodium
valsartan	Diovan
valsartan	valsartan
valsartan/hydrochlorothiazide	Diovan HCT
valsartan/hydrochlorothiazide	valsartan-hydrochlorothiazide
Glucocorticoids	
acyclovir/hydrocortisone	Xerese
alclometasone dipropionate	Aclovote
alclometasone dipropionate	alclometasone
amcinonide	amcinonide
amcinonide	Cyclocort
beclomethasone dipropionate	beclomethasone diprop (bulk)
beclomethasone dipropionate	Beclovent
beclomethasone dipropionate	Beclovent Refill
beclomethasone dipropionate	Qvar
beclomethasone dipropionate	Qvar RediHaler
beclomethasone dipropionate	Vanceril
beclomethasone dipropionate	Vanceril Double Strength
benzoyl peroxide/hydrocortisone	Bencort
benzoyl peroxide/hydrocortisone	Vanoxide-HC
benzoyl peroxide/hydrocortisone/skin cleanser comb no.14	Bencort
benzoyl peroxide/hydrocortisone/skin cleanser comb no.14	Vanoxide-HC
betamethasone	Celestone
betamethasone acetate and sodium phos in sterile water/PF	betameth ac,sod phos(PF)-water
betamethasone acetate and sodium phosph/norflurane/HFC 245fa	Betalan SUIK
betamethasone acetate and sodium phosph/norflurane/HFC 245fa	Pod-Care 100CG
betamethasone acetate, micronized	betamethasone acet,micro(bulk)
betamethasone acetate/betamethasone sodium phosphate	Beta-1

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
betamethasone acetate/betamethasone sodium phosphate	betamethasone acet,sod phos
betamethasone acetate/betamethasone sodium phosphate	BSP-0820
betamethasone acetate/betamethasone sodium phosphate	Celestone Soluspan
betamethasone acetate/betamethasone sodium phosphate	Pod-Care 100C
betamethasone acetate/betamethasone sodium phosphate	ReadySharp Betamethasone
betamethasone acetate/betamethasone sodium phosphate/water	betamethasone ace,sod phos-wtr
betamethasone dipropionate	Alphatrex
betamethasone dipropionate	betamethasone dipropion (bulk)
betamethasone dipropionate	betamethasone dipropionate
betamethasone dipropionate	betamethasone, augmented
betamethasone dipropionate	Diprolene
betamethasone dipropionate	Diprosone
betamethasone dipropionate	Maxivate
betamethasone dipropionate	Sernivo
betamethasone dipropionate/propylene glycol	betamethasone, augmented
betamethasone dipropionate/propylene glycol	Diprolene (augmented)
betamethasone dipropionate/propylene glycol	Diprolene AF
betamethasone sodium phos/chondroitin sulfate A sodium/PF	Klarity-B (betameth-chond)(PF)
betamethasone sodium phosph in sterile water for injection	betamethasone sod phosph-water
betamethasone sodium phosphate	betamethasone sod phos (bulk)
betamethasone sodium phosphate	betamethasone sodium phosphate
betamethasone sodium phosphate	Celestone
betamethasone valerate	Beta-Val
betamethasone valerate	betamethasone valerate
betamethasone valerate	betamethasone valerate (bulk)
betamethasone valerate	Betatrex
betamethasone valerate	Luxiq
budesonide	budesonide
budesonide	Entocort EC
budesonide	Ortikos
budesonide	Pulmicort
budesonide	Pulmicort Flexhaler
budesonide	Pulmicort Turbuhaler
budesonide	Uceris
budesonide, micronized	budesonide, micronized (bulk)
budesonide/formoterol fumarate	budesonide-formoterol
budesonide/formoterol fumarate	Symbicort
budesonide/glycopyrrolate/formoterol fumarate	Breztri Aerosphere
bupivacaine HCl/dexamethasone sodium phos in sterile water	bupivacaine-dexameth in water
calcipotriene/betamethasone dipropionate	calcipotriene-betamethasone
calcipotriene/betamethasone dipropionate	Enstilar
calcipotriene/betamethasone dipropionate	Taclonex
calcipotriene/betamethasone dipropionate	Taclonex Scalp
chlorcyclizine HCl/hydrocortisone acetate	Mantadil
chloroxylenol/benzocaine/hydrocortisone acetate	MyOxin

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
chloroxylenol/benzocaine/hydrocortisone acetate	TriOxin
ciclesonide	Alvesco
ciclopirox olamine/clobetasol propionate	ciclopirox-clobetasol
ciclopirox olamine/clobetasol propionate/salicylic acid	ciclopirox-clobetasol-salicyl
ciprofloxacin HCl/dexamethasone	Ciprodex
ciprofloxacin HCl/dexamethasone	ciprofloxacin-dexamethasone
ciprofloxacin HCl/fluocinolone acetonide	ciprofloxacin-fluocinolone
ciprofloxacin HCl/fluocinolone acetonide	Otovel
ciprofloxacin HCl/hydrocortisone	Cipro HC
clioquinol/hydrocortisone	Ala-Quin
clioquinol/hydrocortisone	Albaform HC
clioquinol/hydrocortisone	clioquinol-hydrocortisone
clioquinol/hydrocortisone	Iodochlorhydroxyquin-HC
clioquinol/hydrocortisone/emollient combination no.88	Dermasorb AF Complete Kit
clioquinol/hydrocortisone/pramoxine	Pricort
clobetasol propionate	clobetasol
clobetasol propionate	clobetasol propionate (bulk)
clobetasol propionate	Clobevate
clobetasol propionate	Clobex
clobetasol propionate	Clodan
clobetasol propionate	Cormax
clobetasol propionate	Embeline
clobetasol propionate	Impeklo
clobetasol propionate	Impoyz
clobetasol propionate	Olux
clobetasol propionate	Temovate
clobetasol propionate/calcipotriene	clobetasol-calcipotriene
clobetasol propionate/coal tar	Clobeta+Plus
clobetasol propionate/coal tar	clobetasol-coal tar
clobetasol propionate/emollient base	clobetasol-emollient
clobetasol propionate/emollient base	Embeline E
clobetasol propionate/emollient base	Olux-E
clobetasol propionate/emollient base	Olux-Olux-E
clobetasol propionate/emollient base	Olux-Olux-E (100/10)
clobetasol propionate/emollient base	Olux-Olux-E (50/50)
clobetasol propionate/emollient base	Temovate E
clobetasol propionate/emollient base	Tovet Emollient
clobetasol propionate/emollient combination no.65	Tovet Kit
clobetasol propionate/gauze bandage/silicone, adhesive	Tasoprol
clobetasol propionate/hydrocolloid dressing	Clobetavix
clobetasol propionate/levocetirizine dihydrochloride	clobetasol-levocetirizine
clobetasol propionate/niacinamide	clobetasol-niacinamide
clobetasol propionate/skin cleanser combination no.28	Clodan Kit
clocortolone pivalate	clocortolone pivalate
clocortolone pivalate	Cloderm

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
clotrimazole/betamethasone dipropionate	clotrimazole-betamethasone
clotrimazole/betamethasone dipropionate	Lotrisone
clotrimazole/betamethasone dipropionate/zinc oxide	DermacinRx Therazole Pak
cortisone acetate	cortisone
cortisone acetate	cortisone (bulk)
deflazacort	Emflaza
desonide	Delonide
desonide	Desonate
desonide	desonide
desonide	DesOwen
desonide	LoKara
desonide	Tridesilon
desonide	Verdeso
desonide, micronized	desonide, micronized (bulk)
desonide/emollient combination no. 28	DesOwen
desonide/emollient combination no.3	Desonil
desonide/emollient combination no.3	Desonil + Plus
desonide/emollient combination no.30	DesOwen Cream and Lotion
desonide/emollient combination no.30	DesOwen Ointment and Lotion
desoximetasone	desoximetasone
desoximetasone	desoximetasone (bulk)
desoximetasone	Topicort
desoximetasone	Topicort LP
desoximetasone, micronized	desoximetasone, micro (bulk)
desoximetasone/niacinamide	desoximetasone-niacinamide
dexamethasone	Baycadron
dexamethasone	Decadron
dexamethasone	Decadron Dose Pack
dexamethasone	Dexabliss
dexamethasone	dexamethasone
dexamethasone	Dexamethasone IntensoI
dexamethasone	Dexone
dexamethasone	DexPak 10 day
dexamethasone	DexPak 13 Day
dexamethasone	DexPak 6 Day
dexamethasone	Dextenza
dexamethasone	Dxevo
dexamethasone	Hemady
dexamethasone	HiDex
dexamethasone	LoCort
dexamethasone	Maxidex
dexamethasone	Ozurdex
dexamethasone	TaperDex
dexamethasone	ZCort
dexamethasone	Zema-Pak

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
dexamethasone	ZoDex
dexamethasone	ZonaCort
dexamethasone acetate	Adrenocot LA
dexamethasone acetate	Dalalone D.P.
dexamethasone acetate	De-Sone LA
dexamethasone acetate	Dexacen LA-8
dexamethasone acetate	dexamethasone acetate
dexamethasone acetate	dexamethasone acetate (bulk)
dexamethasone acetate	Dexone LA
dexamethasone acetate	Solurex LA
dexamethasone acetate and sodium phosphate in sterile water	dexamethasone ac, sod ph-water
dexamethasone acetate in sodium chloride, iso-osmotic	dexamethasone ace-NaCl,iso-osm
dexamethasone acetate, micronized	dexamethasone ac, micro (bulk)
dexamethasone isonicotinate	dexamethasone isonic (bulk)
dexamethasone phosphate	Primethasone
dexamethasone sod ph/moxifloxacin HCl in NaCl,iso-osmotic/PF	dexameth-moxiflox(PF)-NaCl,iso
dexamethasone sod ph/moxifloxacin HCl/ketorolac/sod chlor/PF	dexamet-moxifl-ketoro-NaCl(PF)
dexamethasone sodium phosphate	Adrenocot
dexamethasone sodium phosphate	AK-Dex
dexamethasone sodium phosphate	Cpc-Cort-D
dexamethasone sodium phosphate	Decadron Phosphate
dexamethasone sodium phosphate	Decaject
dexamethasone sodium phosphate	Dexair
dexamethasone sodium phosphate	dexamethasone sod phos (bulk)
dexamethasone sodium phosphate	dexamethasone sodium phosphate
dexamethasone sodium phosphate	Dexasol
dexamethasone sodium phosphate	Dexone
dexamethasone sodium phosphate	Dexonto
dexamethasone sodium phosphate	ReadySharp dexamethasone
dexamethasone sodium phosphate	Solurex
dexamethasone sodium phosphate in 0.9 % sodium chloride	dexamethasone-0.9 % sod. chlor
dexamethasone sodium phosphate/lidocaine HCl	Lidocidex-I
dexamethasone sodium phosphate/PF	Active Injection Kit D (PF)
dexamethasone sodium phosphate/PF	dexamethasone sodium phos (PF)
dexamethasone sodium phosphate/PF	DoubleDex (PF)
dexamethasone sodium phosphate/PF	MAS Care-Pak (PF)
dexamethasone, micronized	dexamethasone,micronized(bulk)
dexamethasone/PF	Dexycu (PF)
dexamethasone/PF/norflurane/pentafluoropropane (HFC 245fa)	DMT SUIK
diflorasone diacetate	ApexiCon
diflorasone diacetate	diflorasone
diflorasone diacetate	Florone
diflorasone diacetate	Maxiflor
diflorasone diacetate	Psorcon
diflorasone diacetate/emollient base	ApexiCon E

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
diflorasone diacetate/emollient base	Florone-E
diflorasone diacetate/emollient base	Psorcon E
difluprednate	Durezol
diphenhydramine HCl/hydrocortisone	HC Derma-Pax
flunisolide	Aerobid
flunisolide	Aerospan
flunisolide	flunisolide (bulk)
flunisolide/menthol	Aerobid-M
fluocinolone acetonide	Capex
fluocinolone acetonide	Derma-Smoothe/FS
fluocinolone acetonide	Derma-Smoothe/FS Body Oil
fluocinolone acetonide	Derma-Smoothe/FS Eczema
fluocinolone acetonide	fluocinolone
fluocinolone acetonide	fluocinolone acetonide (bulk)
fluocinolone acetonide	FS Shampoo
fluocinolone acetonide	Iluvien
fluocinolone acetonide	Retisert
fluocinolone acetonide	Synalar
fluocinolone acetonide	Synalar-HP
fluocinolone acetonide	Yutiq
fluocinolone acetonide oil	DermOtic Oil
fluocinolone acetonide oil	Flac Otic Oil
fluocinolone acetonide oil	fluocinolone acetonide oil
fluocinolone acetonide, micronized	fluocinolone acet, micro(bulk)
fluocinolone acetonide/emollient base	Derma-Smoothe/FS Atopic Pak
fluocinolone acetonide/emollient base	Synemol
fluocinolone acetonide/emollient combination no.65	Synalar Cream Kit
fluocinolone acetonide/emollient combination no.65	Synalar Ointment Kit
fluocinolone acetonide/niacinamide	fluocinolone-niacinamide
fluocinolone acetonide/shower cap	Derma-Smoothe/FS Scalp Oil
fluocinolone acetonide/shower cap	fluocinolone and shower cap
fluocinolone acetonide/skin cleanser comb no.28	Synalar TS
fluocinolone acetonide/skin cleanser no.10/silicone, tape	Xilapak
fluocinolone acetonide/urea/silicone, adhesive	Noxipak
fluocinonide	fluocinonide
fluocinonide	Lidex
fluocinonide	Vanos
fluocinonide, micronized	fluocinonide, micronized(bulk)
fluocinonide/dimethicone	Fluopar
fluocinonide/emollient base	Fluocinonide-E
fluocinonide/emollient base	fluocinonide-emollient
fluocinonide/emollient base	Lidex-E
fluocinonide/silicone, adhesive	Fluovix
fluocinonide/silicone, adhesive	Fluovix Plus
fluorometholone	Fluor-Op

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
fluorometholone	fluorometholone
fluorometholone	FML Forte
fluorometholone	FML Liquifilm
fluorometholone	FML S.O.P.
fluorometholone acetate	Eflone
fluorometholone acetate	Flarex
flurandrenolide	Cordran
flurandrenolide	Cordran Patch
flurandrenolide	Cordran SP
flurandrenolide	Cordran Tape Large Roll
flurandrenolide	Cordran Tape Small Roll
flurandrenolide	flurandrenolide
flurandrenolide	Nolix
fluticasone furoate	Arnuity Ellipta
fluticasone furoate/umeclidinium bromide/vilanterol trifenate	Trelegy Ellipta
fluticasone furoate/vilanterol trifenate	Breo Ellipta
fluticasone propionate	ArmonAir Digihaler
fluticasone propionate	ArmonAir RespiClick
fluticasone propionate	Beser
fluticasone propionate	Cutivate
fluticasone propionate	Flovent
fluticasone propionate	Flovent Diskus
fluticasone propionate	Flovent HFA
fluticasone propionate	Flovent Rotadisk
fluticasone propionate	fluticasone propionate
fluticasone propionate	fluticasone propionate (bulk)
fluticasone propionate, micronized	fluticasone prop, micro (bulk)
fluticasone propionate/emollient combination no.65	Beser Kit
fluticasone propionate/salmeterol xinafoate	Advair Diskus
fluticasone propionate/salmeterol xinafoate	Advair HFA
fluticasone propionate/salmeterol xinafoate	AirDuo Digihaler
fluticasone propionate/salmeterol xinafoate	AirDuo RespiClick
fluticasone propionate/salmeterol xinafoate	fluticasone propion-salmeterol
fluticasone propionate/salmeterol xinafoate	Wixela Inhub
gatifloxacin/dexamethasone sodium phosphate	gatifloxacin-dexamethasone
gentamicin sulfate/prednisolone acetate	Pred-G
gentamicin sulfate/prednisolone acetate	Pred-G S.O.P.
halcinonide	halcinonide
halcinonide	Halog
halcinonide/emollient base	Halog-E
halobetasol propionate	Bryhali
halobetasol propionate	halobetasol propionate
halobetasol propionate	Lexette
halobetasol propionate	Ultravate
halobetasol propionate/ammonium lactate	Halac

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
halobetasol propionate/ammonium lactate	Halonate
halobetasol propionate/ammonium lactate	Halonate Pac
halobetasol propionate/ammonium lactate	Ultravate PAC
halobetasol propionate/lactic acid	Ultravate X
halobetasol propionate/tazarotene	Duobrii
hydrocortisone	Acticort 100
hydrocortisone	Advanced Allergy Collect Kit
hydrocortisone	Ala-Cort
hydrocortisone	Ala-Scalp
hydrocortisone	Albacort
hydrocortisone	Alkindi Sprinkle
hydrocortisone	Anti-Itch (HC)
hydrocortisone	Anusol-HC
hydrocortisone	Aquanil HC
hydrocortisone	Balneol For Her
hydrocortisone	Beta-HC
hydrocortisone	Cetacort
hydrocortisone	Colocort
hydrocortisone	Cortaid
hydrocortisone	Cortaid FastStick Max St
hydrocortisone	Cortaid Intensive Therapy
hydrocortisone	Cortaid Maximum Strength
hydrocortisone	Cortef
hydrocortisone	Cortenema
hydrocortisone	Corticool
hydrocortisone	Cortinal
hydrocortisone	Cortisone (hydrocortisone)
hydrocortisone	Cortisone Cooling
hydrocortisone	Cortizone-10
hydrocortisone	Cortizone-10 Anal Itch Relief
hydrocortisone	Cortizone-10 Plus
hydrocortisone	Cortizone-5
hydrocortisone	Cortizone For Kids
hydrocortisone	Cotacort
hydrocortisone	Dermacort
hydrocortisone	Dermarest Eczema (hydrocort)
hydrocortisone	Dermolate Anti-Itch
hydrocortisone	Dr. Smith's Anti-Itch
hydrocortisone	Eczema Anti-Itch
hydrocortisone	hydrocortisone
hydrocortisone	hydrocortisone (bulk)
hydrocortisone	Hydrocortisone Plus
hydrocortisone	Hydrocortisone Plus 12
hydrocortisone	Hydrocortisone Scalp
hydrocortisone	Hydrocortone

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
hydrocortisone	Hydrocream
hydrocortisone	HydroSkin
hydrocortisone	Hytone
hydrocortisone	Instacort
hydrocortisone	Instacort Scalp
hydrocortisone	ITCH-X
hydrocortisone	Itch-X HC
hydrocortisone	LactiCare-HC
hydrocortisone	Neosporin Anti-Itch
hydrocortisone	Neutrogena T/Scalp
hydrocortisone	Noble Formula HC
hydrocortisone	Nupercainal HC
hydrocortisone	Nutracort
hydrocortisone	Obagi Nu-Derm Tolereen
hydrocortisone	P.P.C.
hydrocortisone	Preparation H Hydrocortisone
hydrocortisone	Procto-Kit
hydrocortisone	Procto-Med HC
hydrocortisone	Procto-Pak
hydrocortisone	ProctoCare-HC
hydrocortisone	Proctocort
hydrocortisone	ProctoCream-HC
hydrocortisone	Proctosol HC
hydrocortisone	Proctozone-HC
hydrocortisone	Recort Plus
hydrocortisone	Rederm
hydrocortisone	Sarnol-HC
hydrocortisone	Scalacort
hydrocortisone	Scalp-Cort
hydrocortisone	Scalp Relief
hydrocortisone	Scalpicin Anti-Itch
hydrocortisone	Soothing Care (hydrocortisone)
hydrocortisone	Summer's Eve
hydrocortisone	Texacort
hydrocortisone	Yeast-X External
HYDROCORTISONE	First-Hydrocortisone
hydrocortisone acetate	Anu-Med
hydrocortisone acetate	Anu-Med HC
hydrocortisone acetate	Anucort-HC
hydrocortisone acetate	Anudil HC
hydrocortisone acetate	Anumed HC
hydrocortisone acetate	Anurx-HC
hydrocortisone acetate	Anusert HC-1
hydrocortisone acetate	Anusol-HC
hydrocortisone acetate	Anusol HC-1

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
hydrocortisone acetate	Anuzone-HC
hydrocortisone acetate	Cortaid (hydrocortisone acet)
hydrocortisone acetate	Cortaid Maximum Strength
hydrocortisone acetate	Corticaïne
hydrocortisone acetate	Corticreme
hydrocortisone acetate	Cortifoam
hydrocortisone acetate	Demarest Dricort
hydrocortisone acetate	GRx HiCort 25
hydrocortisone acetate	Gynecort
hydrocortisone acetate	Gynecort Maximum Strength
hydrocortisone acetate	HC-1% Hemorrhoid
hydrocortisone acetate	Hemmorex-HC
hydrocortisone acetate	Hemorrhoidal-HC
hydrocortisone acetate	Hemril-30
hydrocortisone acetate	Hemril-HC
hydrocortisone acetate	hydrocortisone acetate
hydrocortisone acetate	hydrocortisone acetate (bulk)
hydrocortisone acetate	LanaCort
hydrocortisone acetate	Medi-Cortisone
hydrocortisone acetate	MiCort-HC
hydrocortisone acetate	Proctocort
hydrocortisone acetate	Proctosert HC
hydrocortisone acetate	Proctosol
hydrocortisone acetate	Proctozone H
hydrocortisone acetate	Rectacort-HC
hydrocortisone acetate	Rectasol-HC
hydrocortisone acetate	Tucks Hydrocortisone
hydrocortisone acetate	Vanicream HC
hydrocortisone acetate/aloe polysaccharide/iodoquinol	Hydro-Iodoquinol 2-1
hydrocortisone acetate/aloe polysaccharide/iodoquinol	Lodocortisone Aloe
hydrocortisone acetate/aloe vera	Cortaid with Aloe
hydrocortisone acetate/aloe vera	Cortalo
hydrocortisone acetate/aloe vera	hydrocortisone acet-aloe vera
hydrocortisone acetate/aloe vera	Hydrocortisone Acetate-Aloe
hydrocortisone acetate/aloe vera	LanaCort
hydrocortisone acetate/aloe vera	Nucort
hydrocortisone acetate/aloe vera	Nuzon
hydrocortisone acetate/iodoquinol/aloe polysaccharides no.2	Alcortin A
hydrocortisone acetate/iodoquinol/aloe polysaccharides no.2	hydrocortisone-iodoquinol-aloe2
hydrocortisone acetate/iodoquinol/aloe vera	hydrocortisone-iodoquinol-aloe
hydrocortisone acetate/iodoquinol/aloe vera	Vytone
hydrocortisone acetate/lidocaine HCl/aloe vera	Ana-Lex HC
hydrocortisone acetate/lidocaine HCl/aloe vera	Ana-Lex Kit
hydrocortisone acetate/lidocaine HCl/aloe vera	AnaMantle HC
hydrocortisone acetate/lidocaine HCl/aloe vera	lidocaine-hydrocortisone-aloe

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
hydrocortisone acetate/lidocaine HCl/aloe vera	Lidocort (with aloe)
hydrocortisone acetate/lidocaine HCl/aloe vera	Peranex HC
hydrocortisone acetate/lidocaine HCl/aloe vera	RectaGel HC
hydrocortisone acetate/lidocaine HCl/skin cleanser no.6	Xyralid
hydrocortisone acetate/lidocaine HCl/skin cleanser no.6	Xyralid LP
hydrocortisone acetate/pramoxine HCl	Analpram-HC
hydrocortisone acetate/pramoxine HCl	Analpram-HC Singles
hydrocortisone acetate/pramoxine HCl	EndaRoid
hydrocortisone acetate/pramoxine HCl	Enzone
hydrocortisone acetate/pramoxine HCl	Epifoam
hydrocortisone acetate/pramoxine HCl	HC Pram
hydrocortisone acetate/pramoxine HCl	HC Pramoxine
hydrocortisone acetate/pramoxine HCl	hydrocortisone-pramoxine
hydrocortisone acetate/pramoxine HCl	Mezparox-HC
hydrocortisone acetate/pramoxine HCl	Novacort
hydrocortisone acetate/pramoxine HCl	PramCort
hydrocortisone acetate/pramoxine HCl	Pramosone
hydrocortisone acetate/pramoxine HCl	Procort
hydrocortisone acetate/pramoxine HCl	ProctoCream-HC(with pramoxine)
hydrocortisone acetate/pramoxine HCl	Proctofoam HC
hydrocortisone acetate/pramoxine HCl	Zone-A
hydrocortisone acetate/pramoxine HCl	Zone-A Forte
hydrocortisone acetate/pramoxine HCl/aloe polysaccharide	Hydropramox
hydrocortisone acetate/pramoxine HCl/aloe polysaccharide	Novacort (with aloe)
hydrocortisone acetate/pramoxine HCl/emollient base	Pramosone E
hydrocortisone acetate/pramoxine HCl/skin cleanser no.16	Pram-HCA
hydrocortisone acetate/pramoxine HCl/skin cleanser no.16	Z-Pram
hydrocortisone acetate/pramoxine HCl/skin cleanser no.16	Zypram
hydrocortisone acetate/pramoxine/emollient/pramoxine cmb no1	Analpram E
hydrocortisone acetate/pramoxine/emollient/pramoxine cmb no1	hydrocortisone-pramox-e-pram.1
hydrocortisone acetate/urea	CARMOL HC
hydrocortisone acetate/urea	Keratol HC
hydrocortisone acetate/urea	U-Cort
hydrocortisone butyrate	hydrocortisone butyrate
hydrocortisone butyrate	Locoid
hydrocortisone butyrate/emollient base	hydrocortisone butyr-emollient
hydrocortisone butyrate/emollient base	Locoid Lipocream
hydrocortisone cypionate	Cortef (as cypionate)
hydrocortisone hemisuccinate	hydrocortisone hemisucc (bulk)
hydrocortisone probutate	Pandel
hydrocortisone sod phosphate	Hydrocortone
hydrocortisone sod succinate	A-Hydrocort
hydrocortisone sod succinate	hydrocortisone sod succinate
hydrocortisone sod succinate	Solu-Cortef
hydrocortisone sod succinate	Solu-Cortef Act-O-Vial

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
hydrocortisone sodium succinate/PF	Solu-Cortef Act-O-Vial (PF)
hydrocortisone valerate	hydrocortisone valerate
hydrocortisone valerate	Westcort
hydrocortisone/acetic acid	Acetasol HC
hydrocortisone/acetic acid	hydrocortisone-acetic acid
hydrocortisone/acetic acid	Otosol-Hc
hydrocortisone/acetic acid	VoSol-HC
hydrocortisone/aloe polysaccharide/iodoquinol	Alcortin
hydrocortisone/aloe vera	Anti-Itch(hydrocortisone)-Aloe
hydrocortisone/aloe vera	Cortisone with Aloe
hydrocortisone/aloe vera	Cortizone-10 with aloe
hydrocortisone/aloe vera	hydrocortisone-aloe vera
hydrocortisone/aloe vera	Hydrocortisone Plus
hydrocortisone/aloe vera	Hydroskin with Aloe
hydrocortisone/aloe vera/vit E acet/vitamins A and D	Anti-Itch (HC) with Aloe-Vit E
hydrocortisone/aloe vera/vit E acet/vitamins A and D	Anti-Itch Plus
hydrocortisone/benzocaine/chloroxylenol	Oto-Care HC
hydrocortisone/colloidal oatmeal/aloe/vitamin E	Anti-Itch (HC) with Oatmeal
hydrocortisone/colloidal oatmeal/aloe/vitamin E	Aveeno Anti-Itch (hydrocorts)
hydrocortisone/colloidal oatmeal/aloe/vitamin E	hydrocortisone-oatmeal-aloe-E
hydrocortisone/emollient combination no.45	Pediaderm HC
hydrocortisone/iodoquinol	Dermazene
hydrocortisone/iodoquinol	hydrocortisone-iodoquinol
hydrocortisone/iodoquinol	Vytone
hydrocortisone/mineral oil/petrolatum,white	hydrocortisone-min oil-wht pet
hydrocortisone/pramoxine HCl/chloroxylenol	Aero Otic HC
hydrocortisone/pramoxine HCl/chloroxylenol	Cortane-B
hydrocortisone/pramoxine HCl/chloroxylenol	Cortic
hydrocortisone/pramoxine HCl/chloroxylenol	Cortic-ND
hydrocortisone/pramoxine HCl/chloroxylenol	Cyotic
hydrocortisone/pramoxine HCl/chloroxylenol	Exotic-HC
hydrocortisone/pramoxine HCl/chloroxylenol	Genexotic-HC
hydrocortisone/pramoxine HCl/chloroxylenol	Ot-Ake HC
hydrocortisone/pramoxine HCl/chloroxylenol	Oticin HC (BAK free)
hydrocortisone/pramoxine HCl/chloroxylenol	OtiRx
hydrocortisone/pramoxine HCl/chloroxylenol	Oto-End 10
hydrocortisone/pramoxine HCl/chloroxylenol	Otomar
hydrocortisone/pramoxine HCl/chloroxylenol	Otomar-HC
hydrocortisone/pramoxine HCl/chloroxylenol	Otomax-HC
hydrocortisone/pramoxine HCl/chloroxylenol	Otozone
hydrocortisone/pramoxine HCl/chloroxylenol	Pramoxine-HC
hydrocortisone/pramoxine HCl/chloroxylenol	Tri-Otic
hydrocortisone/pramoxine HCl/chloroxylenol	Zolene HC
hydrocortisone/pramoxine HCl/chloroxylenol	Zoto-HC
hydrocortisone/pramoxine HCl/chloroxylenol/water	Cortane-B Aqueous

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
hydrocortisone/pramoxine HCl/chloroxylenol/water	Pramoxine-HC
hydrocortisone/pramoxine HCl/chloroxylenol/water	Zotane HC
hydrocortisone/pramoxine/chloroxylenol/benzalkonium	Alba-3 HC
hydrocortisone/pramoxine/chloroxylenol/benzalkonium	Hydro
hydrocortisone/pramoxine/chloroxylenol/benzalkonium	Oticin HC
hydrocortisone/pramoxine/diosmin1/aloe polysac 1/policosanol	Analpram Advanced
hydrocortisone/resorcinol/bismuth subgallate/zinc oxide	Anusol-HC
hydrocortisone/resorcinol/bismuth subgallate/zinc oxide	HC-Bismuth Subgal-Znox-Resor
hydrocortisone/resorcinol/bismuth subgallate/zinc oxide	Hemorrhoidal-HC (bismuth-zinc)
hydrocortisone/resorcinol/bismuth subgallate/zinc oxide	Hemorrhoidal with HC
hydrocortisone/salicylic acid/sulfur	Coraz
hydrocortisone/salicylic acid/sulfur/shampoo no. 1	Scalacort DK
hydrocortisone/skin cleanser combination no.25	Aqua Glycolic HC
hydrocortisone/skin cleanser combination no.35	Dermasorb HC Complete Kit
hydrocortisone/yerba santa	EarSol-HC
ketoconazole/hydrocortisone	Ketocon + Plus
ketoconazole/hydrocortisone	ketoconazole-hydrocortisone
ketoconazole/hydrocortisone	Xolegel Corepak
ketoconazole/iodoquinol/hydrocortisone	ketoconazole-iodoquinol-hc
lidocaine HCl/hydrocortisone acetate	Ana-Lex
lidocaine HCl/hydrocortisone acetate	AnaMantle HC
lidocaine HCl/hydrocortisone acetate	AnaMantle HC Forte
lidocaine HCl/hydrocortisone acetate	LidaMantle HC
lidocaine HCl/hydrocortisone acetate	LidaZone HC
lidocaine HCl/hydrocortisone acetate	Lidocaine-HC
lidocaine HCl/hydrocortisone acetate	lidocaine HCl-hydrocortison ac
lidocaine HCl/hydrocortisone acetate	Peranex HC
lidocaine HCl/hydrocortisone acetate	Rectacreme HC
lidocaine HCl/hydrocortisone acetate	Senatec HC
lidocaine HCl/hydrocortisone acetate/psyllium husk	Xyralid RC
loteprednol etabonate	Alrex
loteprednol etabonate	Inveltys
loteprednol etabonate	Lotemax
loteprednol etabonate	Lotemax SM
loteprednol etabonate	loteprednol etabonate
loteprednol etabonate/chondroitin sulfate A sodium/PF	Klarity-L (lotepred-chond)(PF)
medrysone	Liquifilm
methylprednisolone	Medrol
methylprednisolone	Medrol (Pak)
methylprednisolone	Meprolone Unipak
methylprednisolone	Methylpred
methylprednisolone	Methylpred DP
methylprednisolone	methylprednisolone
methylprednisolone acetate	Depo-Medrol
methylprednisolone acetate	methylprednisolone acetate

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
methylprednisolone acetate	P-Care D40
methylprednisolone acetate	P-Care D80
methylprednisolone acetate	ReadySharp Methylprednisolone
methylprednisolone acetate in sodium chloride,iso-osmotic/PF	methylpred ac(PF)-NaCl,iso-osm
methylprednisolone acetate in sterile water for injection	methylprednisolone acet-water
methylprednisolone acetate, micronized	methylprednisolon ac,mic(bulk)
methylprednisolone acetate/bupivacaine HCl	Physicians EZ Use M-Pred
methylprednisolone acetate/bupivacaine HCl in sterile water	methylprednisol ac-bupivac-wat
methylprednisolone acetate/norflurane/HFC 245fa	Medroloan II SUIK
methylprednisolone acetate/norflurane/HFC 245fa	Medroloan SUIK
methylprednisolone acetate/norflurane/HFC 245fa	P-Care D40G
methylprednisolone acetate/norflurane/HFC 245fa	P-Care D80G
methylprednisolone sodium succinate	A-Methapred
methylprednisolone sodium succinate	methylprednisol sod suc(bulk)
methylprednisolone sodium succinate	methylprednisolone sodium succ
methylprednisolone sodium succinate	Solu-Medrol
methylprednisolone sodium succinate/PF	Solu-Medrol (PF)
methylprednisolone, micronized	methylprednisolone, mic (bulk)
mometasone furoate	Asmanex HFA
mometasone furoate	Asmanex Twisthaler
mometasone furoate	Elocon
mometasone furoate	mometasone
mometasone furoate	mometasone furoate (bulk)
mometasone furoate/ammonium lactate	Momexin
mometasone furoate/ammonium lactate	Quinosone
mometasone furoate/dimethicone	Quinixil
mometasone furoate/formoterol fumarate	Dulera
neomycin sulf/colistin sul/hydrocortisone ac/thonzonium brom	Coly-Mycin S
neomycin sulf/colistin sul/hydrocortisone ac/thonzonium brom	Cortisporin-TC
neomycin sulfate/bacitracin zinc/polymyxin B/hydrocortisone	AK-Spore HC
neomycin sulfate/bacitracin zinc/polymyxin B/hydrocortisone	Antibiotic HC
neomycin sulfate/bacitracin zinc/polymyxin B/hydrocortisone	Cortisporin
neomycin sulfate/bacitracin zinc/polymyxin B/hydrocortisone	Cortomycin
neomycin sulfate/bacitracin zinc/polymyxin B/hydrocortisone	Neo-Poly-Bac-HC
neomycin sulfate/bacitracin zinc/polymyxin B/hydrocortisone	Neo-Polycin HC
neomycin sulfate/bacitracin zinc/polymyxin B/hydrocortisone	neomycin-bacitracin-poly-HC
neomycin sulfate/bacitracin zinc/polymyxin B/hydrocortisone	Triple Antibiotic-HC
neomycin sulfate/colistin sulfate/hydrocortisone	Coly-Mycin S
neomycin sulfate/dexamethasone sodium phosphate	Neo-Decadron
neomycin sulfate/dexamethasone sodium phosphate	Neo-Dex
neomycin sulfate/dexamethasone sodium phosphate	Neo-Dexair
neomycin sulfate/dexamethasone sodium phosphate	neomycin-dexamethasone
neomycin sulfate/fluocinolone acetoneide	Neo-Synalar
neomycin sulfate/fluocinolone acetoneide/emollient comb no.65	Neo-Synalar Kit
neomycin sulfate/hydrocortisone	neomycin-hydrocortisone

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
neomycin sulfate/polymyxin B sulfate/buffers/hydrocortisone	Pediotic
neomycin sulfate/polymyxin B sulfate/hydrocortisone	AK-Spore HC
neomycin sulfate/polymyxin B sulfate/hydrocortisone	Antibiotic Ear
neomycin sulfate/polymyxin B sulfate/hydrocortisone	Antibiotic HC
neomycin sulfate/polymyxin B sulfate/hydrocortisone	Antibiotic Otic
neomycin sulfate/polymyxin B sulfate/hydrocortisone	Aurobiotic-HC
neomycin sulfate/polymyxin B sulfate/hydrocortisone	Bio-Cot
neomycin sulfate/polymyxin B sulfate/hydrocortisone	Cort-Biotic
neomycin sulfate/polymyxin B sulfate/hydrocortisone	Cortatrigen
neomycin sulfate/polymyxin B sulfate/hydrocortisone	Cortisporin
neomycin sulfate/polymyxin B sulfate/hydrocortisone	Cortomycin
neomycin sulfate/polymyxin B sulfate/hydrocortisone	neomycin-polymyxin-HC
neomycin sulfate/polymyxin B sulfate/hydrocortisone	Oticin HC
neomycin sulfate/polymyxin B sulfate/hydrocortisone	Otocort
neomycin sulfate/polymyxin B sulfate/prednisolone	Poly-Pred
neomycin/bacitracin/polymyxin B/hydrocortisone	Cortisporin
neomycin/polymyxin B sulfate/dexamethasone	AK-Trol
neomycin/polymyxin B sulfate/dexamethasone	Dexacidin
neomycin/polymyxin B sulfate/dexamethasone	Dexacine
neomycin/polymyxin B sulfate/dexamethasone	Dexasporin
neomycin/polymyxin B sulfate/dexamethasone	Maxitrol
neomycin/polymyxin B sulfate/dexamethasone	Methadex
neomycin/polymyxin B sulfate/dexamethasone	neomycin-polymyxin B-dexameth
neomycin/polymyxin B sulfate/dexamethasone	Poly-Dex
neomycin/polymyxin B sulfate/dexamethasone	W-Dnp
nystatin/triamcinolone acetonide	Myco-Triacet II
nystatin/triamcinolone acetonide	Mycogen II
nystatin/triamcinolone acetonide	Mycolog II
nystatin/triamcinolone acetonide	Mycozin
nystatin/triamcinolone acetonide	Mytrex
nystatin/triamcinolone acetonide	N T A
nystatin/triamcinolone acetonide	NTA
nystatin/triamcinolone acetonide	nystatin-triamcinolone
oxytetracycline HCl/hydrocortisone acetate	Terra-Cortril
polymyxin B sulfate/hydrocortisone	Otobiotic
prednicarbate	Dermatop
prednicarbate	Dermatop E
prednicarbate	prednicarbate
prednisolone	Millipred
prednisolone	Millipred DP
prednisolone	prednisolone
prednisolone	prednisolone (bulk)
prednisolone	Prednisolone Anhydrous
prednisolone	Prelone
prednisolone acetate	Cotolone

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
prednisolone acetate	Econopred
prednisolone acetate	Econopred Plus
prednisolone acetate	Flo-Pred
prednisolone acetate	Key-Pred
prednisolone acetate	Omnipred
prednisolone acetate	Pred Forte
prednisolone acetate	Pred Mild
prednisolone acetate	Predicort-50
prednisolone acetate	prednisolone acetate
prednisolone acetate	Pri-Cortin 50
prednisolone acetate	UAD Pred
prednisolone acetate, micronized	prednisolone ac, micro (bulk)
prednisolone acetate/bromfenac sodium	prednisolone acetate-bromfenac
prednisolone acetate/gatifloxacin	prednisolone acet-gatifloxacin
prednisolone acetate/gatifloxacin/bromfenac sodium	prednisol ace-gatiflox-bromfen
prednisolone acetate/gatifloxacin/nepafenac	prednisolone-gatiflox-nepafen
prednisolone acetate/moxifloxacin HCl	prednisolone-moxifloxacin HCl
prednisolone acetate/moxifloxacin HCl/bromfenac sodium	prednisolone-moxiflox-bromfen
prednisolone acetate/moxifloxacin HCl/nepafenac	prednisolone-moxiflo-nepafenac
prednisolone acetate/nepafenac	prednisolone acetate-nepafenac
prednisolone acetate/PF	prednisolone acetate (PF)
prednisolone sodium phosphate	AK-Pred
prednisolone sodium phosphate	Bubbli-Pred
prednisolone sodium phosphate	Inflamase Forte
prednisolone sodium phosphate	Inflamase Mild
prednisolone sodium phosphate	Millipred
prednisolone sodium phosphate	Orapred
prednisolone sodium phosphate	Orapred ODT
prednisolone sodium phosphate	Pediapred
prednisolone sodium phosphate	Predair Forte
prednisolone sodium phosphate	Prednisol
prednisolone sodium phosphate	prednisolone sod phos (bulk)
prednisolone sodium phosphate	prednisolone sodium phosphate
prednisolone sodium phosphate	Veripred 20
prednisolone sodium phosphate/bromfenac sodium	prednisolone sod ph-bromfenac
prednisolone sodium phosphate/gatifloxacin	prednisolone sod ph-gatifloxac
prednisolone sodium phosphate/gatifloxacin/bromfenac sodium	prednisoln sp-gatiflox-bromfen
prednisolone sodium phosphate/moxifloxacin HCl	prednisolone sod ph-moxiflox
prednisolone sodium phosphate/moxifloxacin HCl/bromfenac sod	prednisoln sp-moxiflox-bromfen
Prednisolone Sodium Phosphate/Peak Flow Meter	Asmalpred
Prednisolone Sodium Phosphate/Peak Flow Meter	Asmalpred Plus
prednisolone, micronized	prednisolone, micro (bulk)
prednisone	Deltasone
prednisone	Deltasone Dose Pack
prednisone	Liquid Pred

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
prednisone	Meticorten
prednisone	prednisone
prednisone	prednisone (bulk)
prednisone	Prednisone Intensol
prednisone	Rayos
prednisone	Sterapred
prednisone	Sterapred DS
prednisone micronized	prednisone micronized (bulk)
rimexolone	Vexol
sulfacetamide sodium/fluorometholone	FML-S Liquifilm
sulfacetamide sodium/prednisolone acetate	AK-Cide
sulfacetamide sodium/prednisolone acetate	Blephamide
sulfacetamide sodium/prednisolone acetate	Blephamide S.O.P.
sulfacetamide sodium/prednisolone acetate	Cetapred
sulfacetamide sodium/prednisolone acetate	Isopto Cetapred
sulfacetamide sodium/prednisolone acetate	Metimyd
sulfacetamide sodium/prednisolone acetate	sulfacetamide-prednisolone
sulfacetamide sodium/prednisolone acetate	Vasocine
sulfacetamide sodium/prednisolone sodium phosphate	sulfacetamide-prednisolone
sulfacetamide sodium/prednisolone sodium phosphate	Sulfapred
sulfacetamide sodium/prednisolone sodium phosphate	Vasocidin
tobramycin/dexamethasone	TobraDex
tobramycin/dexamethasone	Tobradex ST
tobramycin/dexamethasone	tobramycin-dexamethasone
tobramycin/loteprednol etabonate	Zylet
triamcinolone	Aristocort
triamcinolone	triamcinolone
triamcinolone	triamcinolone (bulk)
triamcinolone acetonide	Acetocot
triamcinolone acetonide	Aristocort HP
triamcinolone acetonide	Aristocort R
triamcinolone acetonide	Arze-Ject-A
triamcinolone acetonide	Azmacort
triamcinolone acetonide	Cenocort A-40
triamcinolone acetonide	Cinalog
triamcinolone acetonide	Kenaject
triamcinolone acetonide	Kenalog
triamcinolone acetonide	Kenalog-40
triamcinolone acetonide	Kenalog-80
triamcinolone acetonide	Kenalog in Orabase
triamcinolone acetonide	Oralone
triamcinolone acetonide	P-Care K40
triamcinolone acetonide	P-Care K80
triamcinolone acetonide	Pod-Care 100K
triamcinolone acetonide	Pro-C-Dure 5

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
triamcinolone acetonide	Pro-C-Dure 6
triamcinolone acetonide	ReadySharp Triamcinolone
triamcinolone acetonide	Tac-3
triamcinolone acetonide	Tri-Kort
triamcinolone acetonide	Triacet
triamcinolone acetonide	Triam-A
triamcinolone acetonide	triamcinolone acetonide
triamcinolone acetonide	triamcinolone acetonide (bulk)
triamcinolone acetonide	Trianex
triamcinolone acetonide	Triderm
triamcinolone acetonide	Zilretta
triamcinolone acetonide in 0.9 % sodium chloride	triamcinolone acetone-0.9% NaCl
triamcinolone acetonide/0.9% sodium chloride/PF	triamcinol ac (PF) in 0.9%NaCl
triamcinolone acetonide/bupivacaine/in 0.9% sodium chloride	triamcinol ace-bupiv-0.9% NaCl
triamcinolone acetonide/dimethicone	Ellzia Pak
triamcinolone acetonide/dimethicone/silicone, adhesive	DermacinRx SilaPak
triamcinolone acetonide/dimethicone/silicone, adhesive	DermaSilkRx SDS
triamcinolone acetonide/dimethicone/silicone, adhesive	DermaWerx SDS
triamcinolone acetonide/dimethicone/silicone, adhesive	NuTriaRx
triamcinolone acetonide/dimethicone/silicone, adhesive	SanaDermRx
triamcinolone acetonide/dimethicone/silicone, adhesive	Sure Result Tac Pak
triamcinolone acetonide/dimethicone/silicone, adhesive	Tri-Sila
triamcinolone acetonide/dimethicone/silicone, adhesive	Trivix
triamcinolone acetonide/dimethicone/silicone, adhesive	Whytederm TDPak
triamcinolone acetonide/dimethicone/silicone, adhesive	Whytederm Trilasil Pak
triamcinolone acetonide/emollient combination no.45	Pediaderm TA
triamcinolone acetonide/emollient combination no.86	Dermasorb TA Complete Kit
triamcinolone acetonide/gauze bandage/silicone, adhesive	Sila III
triamcinolone acetonide/lidocaine HCl	EZ Use Joint-Tunnel-Trigger
triamcinolone acetonide/lidocaine HCl	Lidocilone I
triamcinolone acetonide/lidocaine/prilocaine	DermacinRx Cinlone-I CPI
triamcinolone acetonide/low sensitizing base	Aristocort A
triamcinolone acetonide/moxifloxacin HCl/water/PF	triamcinolon-moxiflox-watr(PF)
triamcinolone acetonide/niacinamide	triamcinolone-niacinamide
triamcinolone acetonide/PF	Triesence (PF)
triamcinolone acetonide/silicones	DermacinRx SilaZone
triamcinolone acetonide/silicones	Dermazone
triamcinolone acetonide/silicones	SilaLite Pak
triamcinolone acetonide/silicones	Silazone-II
triamcinolone acetonide/skin clnsr6/Emollient 27	Zytopic
triamcinolone diacetate	Amcort
triamcinolone diacetate	Aristocort Forte
triamcinolone diacetate	Aristocort Intralesional
triamcinolone diacetate	Cenocort Forte Suspension
triamcinolone diacetate	Triam Forte

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
triamcinolone diacetate	triamcinolone diacetate
triamcinolone diacetate	triamcinolone diacetate (bulk)
triamcinolone diacetate	Triamcot
triamcinolone diacetate	Tristoject
triamcinolone diacetate	U-Tri-Lone
triamcinolone diacetate in 0.9 % sodium chloride	triamcinolone diacet-0.9% NaCl
triamcinolone diacetate in 0.9 % sodium chloride/PF	triamcinolone dia(PF)-0.9%NaCl
triamcinolone hexacetonide	Aristospan Intra-Articular
triamcinolone hexacetonide	Aristospan Intralesional
triamcinolone hexacetonide	triamcinolone hexaceton (bulk)
triamcinolone hexacetonide, micronized	triamcin hexacet, micro (bulk)
triamcinolone/norflurane and pentafluoropropane (HFC 245fa)	P-Care K40G
triamcinolone/norflurane and pentafluoropropane (HFC 245fa)	P-Care K80G
triamcinolone/norflurane and pentafluoropropane (HFC 245fa)	Pod-Care 100KG
triamcinolone/norflurane and pentafluoropropane (HFC 245fa)	Triloan II SUIK
triamcinolone/norflurane and pentafluoropropane (HFC 245fa)	Triloan SUIK
Haemophilus Influenzae Type B	
Haemophilus B polysacc conj-tetanustox,component 2 of 2/PF	Pentacel ActHIB Component(PF)
Haemophilus b conjugate vaccine (meningococcalprot.conj)/PF	Pedvax HIB (PF)
Haemophilus b conjugate vaccine(tetanus toxoidconjugate)/PF	ActHIB (PF)
Haemophilus b conjugate vaccine(tetanus toxoidconjugate)/PF	Hiberix (PF)
Hepatitis B Virus,Rec& Haemoph B PolysacConj-Mening Vaccine	Comvax
diluent for Haemophilus b vaccine (tetanusconj)(0.4 % NaCl)	Diluent For ActHIB
diluent for Haemophilus b vaccine(tetanus-conj)(0.9 % NaCl)	Diluent For Hiberix
diluent for meningo C,Y/Haemophilus b conj vacc(0.9 % NaCl)	Diluent For Menhibrix
diphtheria,pertussis(acell),tetanus,polio/Haemophilus B/PF	Pentacel (PF)
diphtheria,pertussis,tetanus,Haemophilus Bconjugate vaccine	Tetramune
haemophilus b conjugate vaccine-tetanustoxoid(15mos-4yr)/PF	Hiberix (PF)
hepatitis B virus vaccine/Haemoph B polysacconj-mening/PF	Comvax (PF)
Hepatitis A	
hepatitis A virus and hepatitis B virus vaccine/PF	Twinrix (PF)
hepatitis A virus vaccine	Havrix
hepatitis A virus vaccine	Vaqta
hepatitis A virus vaccine/PF	Havrix (PF)
hepatitis A virus vaccine/PF	Vaqta (PF)
hepatitis A virus vaccine/hepatitis B virus vaccine	Twinrix
Hepatitis B	
Hepatitis BVirus,Rcmb/Diphth,Pertus(Acell),Tet,Polio Vaccine	Pediarix
Hepatitis B Virus,Rec& Haemoph B PolysacConj-Mening Vaccine	Comvax
hep B virus,rcmb/diphth,pertus(acell),tet,poliovaccine/PF	Pediarix (PF)
hepatitis A virus and hepatitis B virus vaccine/PF	Twinrix (PF)
hepatitis A virus vaccine/hepatitis B virus vaccine	Twinrix
hepatitis B vaccine recombinant/vaccine adjuvantCpG 1018/PF	Heplisav-B (PF)
hepatitis B virus vaccine recombinant/PF	Engerix-B (PF)
hepatitis B virus vaccine recombinant/PF	Engerix-B Pediatric (PF)

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
hepatitis B virus vaccine recombinant/PF	Recombivax HB (PF)
hepatitis B virus vaccine, recombinant	Engerix-B (HepatitisB)Vaccine
hepatitis B virus vaccine, recombinant	Recombivax HB
hepatitis B virus vaccine/Haemoph B polysacconj-mening/PF	Comvax (PF)
Inactivated Influenza or Live Attenuated Influenza	
Influenza A (H1N1) Virus Vaccine Monovalent2009	influenza A (H1N1) vac 2009
Influenza A (H1N1) Virus Vaccine Monovalent2009/PF	influenza A (H1N1) vac 09(PF)
Influenza TV-S 05-06 Vaccine/PF	Fluarix 2005-2006 (PF)
Influenza TV-S 05-06 Vaccine/PF	Fluzone 2005-2006 (PF)
Influenza TV-S 05-06 Vaccine/PF	Fluzone Pedi 2005-2006 (PF)
Influenza TV-S 06-07 Vaccine/PF	Fluarix 2006-2007 (PF)
Influenza TV-S 06-07 Vaccine/PF	Fluvirin 2006-07 (PF)
Influenza TV-S 06-07 Vaccine/PF	Fluzone 2006-2007 (PF)
Influenza TV-S 06-07 Vaccine/PF	Fluzone Pedi 2006-2007 (PF)
Influenza TV-S 07-08 Vaccine/PF	Afluria 2007-2008 (PF)
Influenza TV-S 07-08 Vaccine/PF	Fluarix 2007-08 (PF)
Influenza TV-S 07-08 Vaccine/PF	Fluvirin 2007-2008 (PF)
Influenza TV-S 07-08 Vaccine/PF	Fluzone 2007-2008 (PF)
Influenza TV-S 07-08 Vaccine/PF	Fluzone Pedi 2007-2008 (PF)
Influenza TV-S 08-09 Vaccine/PF	Afluria 2008-2009 (PF)
Influenza TV-S 08-09 Vaccine/PF	Fluarix 2008-09 (PF)
Influenza TV-S 08-09 Vaccine/PF	Fluvirin 2008-2009 (PF)
Influenza TV-S 08-09 Vaccine/PF	Fluzone 2008-2009 (PF)
Influenza TV-S 08-09 Vaccine/PF	Fluzone Pedi 2008-2009 (PF)
Influenza Trivalent-Spit 2006-2007 Vaccine	Flulaval 2006-2007
Influenza Trivalent-Spit 2006-2007 Vaccine	Fluvirin 2006-07
Influenza Trivalent-Spit 2006-2007 Vaccine	Fluzone 2006-2007
Influenza Virus Vaccine Tri-Split 2009-2010	Afluria 2009-2010
Influenza Virus Vaccine Tri-Split 2009-2010	Flulaval 2009-2010
Influenza Virus Vaccine Tri-Split 2009-2010	Fluvirin 2009-2010
Influenza Virus Vaccine Tri-Split 2009-2010	Fluzone 2009-2010
Influenza Virus Vaccine Tri-Split 2010-2011	Flulaval 2010-2011
Influenza Virus Vaccine Tri-Split 2010-2011	Fluvirin 2010-2011
Influenza Virus Vaccine Tri-Split 2010-2011	Fluzone 2010-2011
Influenza Virus Vaccine Trivalent 2009-2010 (Live)	Flumist 2009-2010
Influenza Virus Vaccine Trivalent 2010-2011 (Live)	Flumist 2010-2011
Influenza Virus Vaccine Trivalent-Split2009-2010/PF	Afluria 2009-2010 (PF)
Influenza Virus Vaccine Trivalent-Split2009-2010/PF	Agriflu 2009-2010 (PF)
Influenza Virus Vaccine Trivalent-Split2009-2010/PF	Fluarix 2009-2010 (PF)
Influenza Virus Vaccine Trivalent-Split2009-2010/PF	Fluvirin 2009-2010 (PF)
Influenza Virus Vaccine Trivalent-Split2009-2010/PF	Fluzone 2009-2010 (PF)
Influenza Virus Vaccine Trivalent-Split2009-2010/PF	Fluzone High-Dose 2009-10(PF)
Influenza Virus Vaccine Trivalent-Split2009-2010/PF	Fluzone Pedi 2009-2010 (PF)
Influenza Virus Vaccine Trivalent-Split2010-2011/PF	Afluria 2010-2011 (PF)
Influenza Virus Vaccine Trivalent-Split2010-2011/PF	Agriflu 2010-2011 (PF)

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
Influenza Virus Vaccine Trivalent-Split2010-2011/PF	Fluarix 2010-2011 (PF)
Influenza Virus Vaccine Trivalent-Split2010-2011/PF	Fluvirin 2010-2011 (PF)
Influenza Virus Vaccine Trivalent-Split2010-2011/PF	Fluzone 2010-2011 (PF)
Influenza Virus Vaccine Trivalent-Split2010-2011/PF	Fluzone High-Dose 2010-11(PF)
Influenza Virus Vaccine Trivalent-Split2011-2012/PF	Fluzone High-Dose 2011-12(PF)
Influenza Virus Vaccine Trivalent-Split2011-2012/PF	Fluzone Intraderm 2011-12(PF)
Influenza-A (H1N1) Virus Vaccine Monovalent2009 (Live)	influenza A(H1N1)vac 2009live
flu vaccine qs 2016-2017(4 years and older)cellderived/PF	Flucelvax Quad 2016-2017(PF)
flu vaccine quad 2017-2018(4 years and older)cellderived/PF	Flucelvax Quad 2017-2018(PF)
flu vaccine quad 2018-2019(4 years and older)cellderived/PF	EZ Flu2018-19(Flucelvax)(PF)
flu vaccine quad 2019-2020(4 years and older)cellderived/PF	Flucelvax Quad 2019-2020(PF)
flu vaccine quad 2018-2019(4 years and older)cellderived/PF	Flucelvax Quad 2018-2019(PF)
flu vaccine quad 2020-2021(4 years and older)cellderived/PF	Flucelvax Quad 2020-2021(PF)
flu vaccine quadriv 2017-2018(4 years andolder)cell derived	Flucelvax Quad 2017-2018
flu vaccine quadriv 2018-2019(4 years andolder)cell derived	Flucelvax Quad 2018-2019
flu vaccine quadriv 2019-2020(4 years andolder)cell derived	Flucelvax Quad 2019-2020
flu vaccine quadriv 2020-2021(4 years andolder)cell derived	Flucelvax Quad 2020-2021
influenz vir vac tv p-surf2003	Fluvirin 2003-2004
influenz vir vac tv p-surf2004	Fluvirin 2004-2005
influenza tv-s 05-06 vaccine	Fluvirin 2005-2006
influenza tv-s 05-06 vaccine	Fluzone 2005-2006
influenza tv-s 07-08 vaccine	Afluria 2007-2008
influenza tv-s 07-08 vaccine	Flulaval 2007-2008
influenza tv-s 07-08 vaccine	Fluvirin 2007-2008
influenza tv-s 07-08 vaccine	Fluzone 2007-2008
influenza tv-s 08-09 vaccine	Afluria 2008-2009
influenza tv-s 08-09 vaccine	Flulaval 2008-2009
influenza tv-s 08-09 vaccine	Fluvirin 2008-2009
influenza tv-s 08-09 vaccine	Fluzone 2008-2009
influenza vacc,tri 2003(live)	FluMist 2003-2004
influenza vacc,tri 2006(live)	FluMist 2006-2007
influenza vacc,tri 2007(live)	FluMist 2007-2008
influenza vacc,tri 2008(live)	Flumist 2008-2009
influenza vacc,tri live 2004	FluMist 2004-2005
influenza vaccine quadrivalent 2020-21 (65 yrup)/MF59C.1/PF	Fluad Quad 2020-21(65yup)(PF)
influenza vaccine quadrivalent live 2014-2015 (2yrs-49 yrs)	Flumist Quad 2014-2015
influenza vaccine quadrivalent live 2015-2016 (2yrs-49 yrs)	Flumist Quad 2015-2016
influenza vaccine quadrivalent live 2016-2017 (2yrs-49 yrs)	Flumist Quad 2016-2017
influenza vaccine quadrivalent live 2017-2018 (2yrs-49 yrs)	Flumist Quad 2017-2018
influenza vaccine quadrivalent live 2018-2019 (2yrs-49 yrs)	Flumist Quad 2018-2019
influenza vaccine quadrivalent live 2019-2020 (2yrs-49 yrs)	Flumist Quad 2019-2020
influenza vaccine quadrivalent live 2020-2021 (2yrs-49 yrs)	Flumist Quad 2020-2021
influenza vaccine tri-splt 2012-13(18 yr +)cellderived/PF	Flucelvax (PF)
influenza vaccine trivalent 2015-16(18 yr,up)cellderived/PF	EZ Flu2015-16(Flucelvax)(PF)
influenza vaccine trivalent 2015-16(18 yr,up)cellderived/PF	Flucelvax 2015-2016 (PF)

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
influenza vaccine tv split 2013-14(18 yr,up) cellderived/PF	Flucelvax 2013-2014 (PF)
influenza vaccine tv split 2014-15 (18 yr,up)cellderived/PF	Flucelvax 2014-2015 (PF)
influenza vaccine tv split 2014-15 (18 yr,up)cellderived/PF	Single Use EZ Flu2014-15(PF)
influenza vaccine tvs 2015-16 (65 yr,up)/adjuvantMF59C.1/PF	Fluad 2015-16(65yr+)(PF)
influenza vaccine tvs 2016-17 (65 yr up)/adjuvantMF59C.1/PF	Fluad 2016-2017 (65 yrup)(PF)
influenza vaccine tvs 2017-18 (65 yr up)/adjuvantMF59C.1/PF	Fluad 2017-2018 (65 yrup)(PF)
influenza vaccine tvs 2018-19 (65 yr up)/adjuvantMF59C.1/PF	Fluad 2018-2019 (65 yrup)(PF)
influenza vaccine tvs 2019-20 (65 yr up)/adjuvantMF59C.1/PF	Fluad 2019-2020 (65 yrup)(PF)
influenza vaccine tvs 2020-21 (65 yr up)/adjuvantMF59C.1/PF	Fluad 2020-2021 (65 yrup)(PF)
influenza virus tri-split	
influenza virus tri-split	FluShield 1999-2000
influenza virus tri-split	FluShield 2000-2001
influenza virus tri-split	FluShield 2001-2002
influenza virus tri-split	FluShield 2002-2003
influenza virus tri-split	Fluogen
influenza virus tri-split	Fluogen Subvirion
influenza virus tri-split	Fluzone 1998-1999
influenza virus tri-split	Fluzone 1999-2000
influenza virus tri-split	Fluzone 2000-2001
influenza virus tri-split	Fluzone 2001-2002
influenza virus tri-split	Fluzone 2002-2003
influenza virus tri-split 2002	Fluzone Pediatric 2002-2003
influenza virus tri-split 2003	Fluzone 2003-2004
influenza virus tri-split 2003	Fluzone Pediatric 2003-2004
influenza virus tri-split 2004	Fluzone 2004-2005
influenza virus tri-split 2004	Fluzone Pediatric 2004-2005
influenza virus tri-whole	
influenza virus tri-whole	Fluzone 1998-1999 Tri-Whole
influenza virus tri-whole	Fluzone 2000-2001 Tri-Whole
influenza virus vaccine 2011-2012 (6 mos-35mos)/PF	Fluzone 2011-2012 (PF)
influenza virus vaccine 2012-2013 (6 mos-35mos)/PF	Fluzone Pedi 2012 -2013 (PF)
influenza virus vaccine quad vs 2013-14(36 mosand older)/PF	Fluarix Quad 2013-2014 (PF)
influenza virus vaccine quad vs 2013-14(36 mosand older)/PF	Fluzone Quad 2013-2014(PF)
influenza virus vaccine quad vs 2013-14(36 mosand older)/PF	Single Use EZ Flu 2013-14(PF)
influenza virus vaccine quad vs 2013-2014 (36mos and older)	Flulaval Quad 2013-2014
influenza virus vaccine quad vs 2013-2014 (6mos-35 mos)/PF	Fluzone Quad Pedi 2013-14(PF)
influenza virus vaccine quad vs 2014-2015 (36mos and older)	Flulaval Quad 2014-2015
influenza virus vaccine quadrival 2014-15 (6mos-35 mos)/PF	Fluzone Quad Pedi 2014-15(PF)
influenza virus vaccine quadrival 2014-15(36 mos,older)/PF	Fluarix Quad 2014-2015 (PF)
influenza virus vaccine quadrival 2014-15(36 mos,older)/PF	Flulaval Quad 2014-2015 (PF)
influenza virus vaccine quadrival 2014-15(36 mos,older)/PF	Fluzone Quad 2014-2015(PF)
influenza virus vaccine quadrival 2014-2015(6mos and older)	Fluzone Quad 2014-2015
influenza virus vaccine quadrival 2015-16 (6mos-35 mos)/PF	Fluzone Quad Pedi 2015-16(PF)
influenza virus vaccine quadrival 2015-2016 (36mos, older)	Flulaval Quad 2015-2016
influenza virus vaccine quadrival 2016-17 (6mos-35 mos)/PF	EZ Flu16-17(Fluzon QdPed)(PF)

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
influenza virus vaccine quadrival 2016-17 (6mos-35 mos)/PF	Fluzone Quad Pedi 2016-17(PF)
influenza virus vaccine quadrival 2017-18 (6mos-35 mos)/PF	Fluzone Quad Pedi 2017-18(PF)
influenza virus vaccine quadrival 2018-19 (6mos-35 mos)/PF	Fluzone Quad Pedi 2018-19(PF)
influenza virus vaccine quadrival 2018-2019(6mos and up)/PF	Afluria Quad 2018-2019 (PF)
influenza virus vaccine quadrival 2018-2019(6mos and up)/PF	Fluarix Quad 2018-2019 (PF)
influenza virus vaccine quadrival 2018-2019(6mos and up)/PF	Flulaval Quad 2018-2019 (PF)
influenza virus vaccine quadrival 2019-20 (6mos-35 mos)/PF	Afluria Qd2019-20(6-35mo)(PF)
influenza virus vaccine quadrival 2019-20 (6mos-35 mos)/PF	Fluzone Quad Pedi 2019-20(PF)
influenza virus vaccine quadrival 2019-2020(6mos and up)/PF	Fluarix Quad 2019-2020 (PF)
influenza virus vaccine quadrival 2019-2020(6mos and up)/PF	Flulaval Quad 2019-2020 (PF)
influenza virus vaccine quadrival 2019-2020(6mos and up)/PF	Fluzone Quad 2019-2020(PF)
influenza virus vaccine quadrival 2020-2021(6mos and up)/PF	Fluarix Quad 2020-2021 (PF)
influenza virus vaccine quadrival 2020-2021(6mos and up)/PF	Flulaval Quad 2020-2021 (PF)
influenza virus vaccine quadrival 2020-2021(6mos and up)/PF	Fluzone Quad 2020-2021(PF)
influenza virus vaccine quadrival 2020-21 (6mos-35 mos)/PF	Afluria Qd2020-21(6-35mo)(PF)
influenza virus vaccine quadrival split 2020-21(65yr up)/PF	Fluzone HighDose Quad20-21 PF
influenza virus vaccine quadrival split2015-16(36mos,up)/PF	Fluarix Quad 2015-2016 (PF)
influenza virus vaccine quadrival split2015-16(36mos,up)/PF	Fluzone Quad 2015-2016(PF)
influenza virus vaccine quadrivalent2015-16(18yrs-64yrs)/PF	Fluzone Intraderm Quad2015-16
influenza virus vaccine quadrivalent 2016-17(18year and up)	Afluria Quad 2016-2017
influenza virus vaccine quadrivalent 2016-17(18yr and up)/PF	Afluria Quad 2016-2017 (PF)
influenza virus vaccine quadrivalent2016-17(18yrs-64yrs)/PF	Fluzone Intraderm Quad2016-17
influenza virus vaccine quadrivalent 2017-18 (36mos up)/PF	Fluzone Quad 2017-2018(PF)
influenza virus vaccine quadrivalent 2017-18 (5year and up)	Afluria Quad 2017-2018
influenza virus vaccine quadrivalent 2017-18 (6mos and up)	Flulaval Quad 2017-2018
influenza virus vaccine quadrivalent 2017-18 (6mos and up)	Fluzone Quad 2017-2018
influenza virus vaccine quadrivalent2017-18(18yrs-64yrs)/PF	Fluzone Intraderm Quad2017-18
influenza virus vaccine quadrivalent 2017-18(5 yr and up)/PF	Afluria Quad 2017-2018 (PF)
influenza virus vaccine quadrivalent 2018-19 (36mos up)/PF	Fluzone Quad 2018-2019(PF)
influenza virus vaccine quadrivalent 2018-19 (6mos and up)	Afluria Quad 2018-2019
influenza virus vaccine quadrivalent 2018-19 (6mos and up)	Flulaval Quad 2018-2019
influenza virus vaccine quadrivalent 2018-19 (6mos and up)	Fluzone Quad 2018-2019
influenza virus vaccine quadrivalent 2019-20 (36mos up)/PF	Afluria Qd 2019-20(3yrup)(PF)
influenza virus vaccine quadrivalent 2019-20 (6mos and up)	Afluria Quad 2019-20(6mo up)
influenza virus vaccine quadrivalent 2019-20 (6mos and up)	Flulaval Quad 2019-2020
influenza virus vaccine quadrivalent 2019-20 (6mos and up)	Fluzone Quad 2019-2020
influenza virus vaccine quadrivalent 2020-21 (36mos up)/PF	Afluria Qd 2020-21(3yrup)(PF)
influenza virus vaccine quadrivalent 2020-21 (6mos and up)	Afluria Quad 2020-2021(6moup)
influenza virus vaccine quadrivalent 2020-21 (6mos and up)	Fluzone Quad 2020-2021
influenza virus vaccine quadval split 2016-17(36mos up)/PF	Fluarix Quad 2016-2017 (PF)
influenza virus vaccine quadval split 2016-17(36mos up)/PF	Fluzone Quad 2016-2017(PF)
influenza virus vaccine qv 2017-18(18 yrs and older)rcmb/PF	Flublok Quad 2017-2018 (PF)
influenza virus vaccine qv 2018-19(18 yrs and older)rcmb/PF	Flublok Quad 2018-2019 (PF)
influenza virus vaccine qv 2019-20(18 yrs and older)rcmb/PF	Flublok Quad 2019-2020 (PF)
influenza virus vaccine qv 2020-21(18 yrs and older)rcmb/PF	Flublok Quad 2020-2021 (PF)

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
influenza virus vaccine qval live 2013-2014 (2yrs-49 yrs)	Flumist 2013-2014
influenza virus vaccine qvalsplit 2015-2016(6 mosand older)	Fluzone Quad 2015-2016
influenza virus vaccine qvalsplit 2016-2017(6 mosand older)	Flulaval Quad 2016-2017
influenza virus vaccine qvalsplit 2016-2017(6 mosand older)	Fluzone Quad 2016-2017
influenza virus vaccine qvalsplit 2016-2017(6 mosand up)/PF	Flulaval Quad 2016-2017 (PF)
influenza virus vaccine qvalsplit 2017-2018(6 mosand up)/PF	Fluarix Quad 2017-2018 (PF)
influenza virus vaccine qvalsplit 2017-2018(6 mosand up)/PF	Flulaval Quad 2017-2018 (PF)
influenza virus vaccine tri-split 2013-14 (6 mosand older)	Fluzone 2013-2014
influenza virus vaccine trival 2014-15 (36 mos andolder)/PF	Fluarix 2014-2015 (PF)
influenza virus vaccine trival 2014-15 (36 mos andolder)/PF	Flulaval 2014-2015 (PF)
influenza virus vaccine trival 2014-15 (36 mos andolder)/PF	Fluzone 2014-2015 (PF)
influenza virus vaccine trival 2016-2017 (4yr andolder)/PF	EZ Flu 2016-17 (Fluvirin) (PF)
influenza virus vaccine trival 2016-2017 (4yr andolder)/PF	Fluvirin 2016-2017 (PF)
influenza virus vaccine trival 2017-2018 (4yr andolder)/PF	Fluvirin 2017-2018 (PF)
influenza virus vaccine trival split 2016-2017(65 yrup)/PF	Fluzone High-Dose 2016-17(PF)
influenza virus vaccine trival split 2017-2018(65 yrup)/PF	Fluzone High-Dose 2017-18(PF)
influenza virus vaccine trival split 2018-2019(65 yrup)/PF	Fluzone High-Dose 2018-19(PF)
influenza virus vaccine trival split 2019-2020(65 yrup)/PF	Fluzone High-Dose 2019-20(PF)
influenza virus vaccine trivalent 2005-2006 (live)	FluMist 2005-2006
influenza virus vaccine trivalent 2011-2012 (live)	Flumist 2011-2012
influenza virus vaccine trivalent 2014-15 (18yrs-64 yrs)/PF	Fluzone Intraderm 2014-15(PF)
influenza virus vaccine trivalent 2014-15 (36 mosand older)	Flulaval 2014-2015
influenza virus vaccine trivalent 2014-15 (6 mosand older)	Fluzone 2014-2015
influenza virus vaccine trivalent 2014-2015 (4 yr and older)	Fluvirin 2014-2015
influenza virus vaccine trivalent 2014-2015 (5 yr and older)	Afluria 2014-2015
influenza virus vaccine trivalent 2014-2015 (65yr,older)/PF	Fluzone High-Dose 2014-15(PF)
influenza virus vaccine trivalent 2015-16 (6 mosand older)	Fluzone 2015-2016
influenza virus vaccine trivalent 2015-2016 (4 yr and older)	Fluvirin 2015-2016
influenza virus vaccine trivalent 2015-2016 (4 yr,older)/PF	EZ Flu 2015-16 (Fluvirin) (PF)
influenza virus vaccine trivalent 2015-2016 (4 yr,older)/PF	Fluvirin 2015-2016 (PF)
influenza virus vaccine trivalent 2015-2016 (5 yr and older)	Afluria 2015-2016
influenza virus vaccine trivalent 2016-2017 (4 yr and older)	Fluvirin 2016-2017
influenza virus vaccine trivalent 2016-2017 (5years up)/PF	Afluria 2016-2017 (PF)
influenza virus vaccine trivalent 2016-2017 (5years up)/PF	EZ Flu 2016-17 (Afluria) (PF)
influenza virus vaccine trivalent 2016-2017 (5 yr and older)	Afluria 2016-2017
influenza virus vaccine trivalent 2017-2018 (4 yr and older)	Fluvirin 2017-2018
influenza virus vaccine trivalent 2017-2018 (5years up)/PF	Afluria 2017-2018 (PF)
influenza virus vaccine trivalent 2017-2018 (5 yr and older)	Afluria 2017-2018
influenza virus vaccine trivalent 2018-19 (6 mosand older)	Afluria 2018-2019
influenza virus vaccine trivalent split 2015-16(65yr,up)/PF	Fluzone High-Dose 2015-16(PF)
influenza virus vaccine trivalent,purified-surfaceantigen	Fluvirin 1998-1999
influenza virus vaccine trivalent,purified-surfaceantigen	Fluvirin 2000-2001
influenza virus vaccine trivalent,purified-surfaceantigen	Fluvirin 2001-2002
influenza virus vaccine trivalent,purified-surfaceantigen	Fluvirin 2002-2003
influenza virus vaccine trivalent-split 2012-2013(65yr+)/PF	Fluzone High-Dose 2012-13(PF)

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
influenza virus vaccine trivalent 2014-2015 (4 yr,older)/PF	Fluvirin 2014-2015 (PF)
influenza virus vaccine trivalent 2014-2015 (5 yr,older)/PF	Afluria 2014-2015 (PF)
influenza virus vaccine trivalent 2015-2016 (5 yr,older)/PF	Afluria 2015-2016 (PF)
influenza virus vaccine tv 2012-2013 (18 to 49yrs)recomb/PF	Flublok 2012-2013 (PF)
influenza virus vaccine tv 2013-2014 (18 to 49yrs)recomb/PF	Flublok 2013-2014 (PF)
influenza virus vaccine tv 2014-2015(18 yrs,older)recomb/PF	Flublok 2014-2015 (PF)
influenza virus vaccine tv 2015-2016(18 yrs,older)recomb/PF	Flublok 2015-2016 (PF)
influenza virus vaccine tv 2016-17(18 yrs andolder)rcmb/PF	Flublok 2016-2017 (PF)
influenza virus vaccine tv 2017-18(18 yrs andolder)rcmb/PF	Flublok 2017-2018 (PF)
influenza virus vaccine tv live 2012-2013 (2 yrs-49yrs)	Flumist 2012-2013
influenza virus vaccine tv split 2011-2012 (18 yr &older)	Flulaval 2011-2012
influenza virus vaccine tv split 2011-2012 (3 yr &older)/PF	Fluarix 2011-2012 (PF)
influenza virus vaccine tv split 2011-2012 (4 yr &older)	Fluvirin 2011-2012
influenza virus vaccine tv split 2011-2012 (4 yr &older)/PF	Fluvirin 2011-2012 (PF)
influenza virus vaccine tv split 2011-2012 (6 mosand older)	Fluzone 2011-2012
influenza virus vaccine tv split 2011-2012 (9 yr &older)	Afluria 2011-2012
influenza virus vaccine tv split 2011-2012 (9 yr &older)/PF	Afluria 2011-2012 (PF)
influenza virus vaccine tv split 2012-2013 (18 yr &older)	Flulaval 2012-2013
influenza virus vaccine tv split 2012-2013 (3 yr &older)/PF	Fluarix 2012-2013 (PF)
influenza virus vaccine tv split 2012-2013 (4 yr &older)	Fluvirin 2012-2013
influenza virus vaccine tv split 2012-2013 (4 yr &older)	Physicians EZ Use Flu2012-13
influenza virus vaccine tv split 2012-2013 (4 yr &older)/PF	Fluvirin 2012-2013 (PF)
influenza virus vaccine tv split 2012-2013 (4 yr &older)/PF	Single Use EZ Flu 2012-13(PF)
influenza virus vaccine tv split 2012-2013 (5 yr &older)	Afluria 2012-2013
influenza virus vaccine tv split 2012-2013 (5 yr &older)/PF	Afluria 2012-2013 (PF)
influenza virus vaccine tv split 2012-2013 (6 mosand older)	Fluzone 2012-2013
influenza virus vaccine tv split 2013-14 (5 yr andolder)/PF	Afluria 2013-2014 (PF)
influenza virus vaccine tv split 2013-2014 (4 yr andolder)	Fluvirin 2013-2014
influenza virus vaccine tv split 2013-2014 (4 yr andup)/PF	Fluvirin 2013-2014 (PF)
influenza virus vaccine tv split 2013-2014 (4 yr andup)/PF	Single Use EZ Flu 2013-14(PF)
influenza virus vaccine tv split 2013-2014 (5 yr andolder)	Afluria 2013-2014
influenza virus vaccine tv-sp 2011-12 (36 mos andolder)/PF	Fluzone 2011-2012 (PF)
influenza virus vaccine tvs 2012-2013 (18 yrs-64yrs)/PF	Fluzone Intraderm 2012-13(PF)
influenza virus vaccine tvs 2012-2013 (36 mosand older)/PF	Fluzone 2012-2013 (PF)
influenza virus vaccine tvs 2013-2014 (18 yrs-64yrs)/PF	Fluzone Intraderm 2013-14(PF)
influenza virus vaccine tvs 2013-2014 (36 mosand older)	Flulaval 2013-2014
influenza virus vaccine tvs 2013-2014 (36 mosand older)/PF	Fluarix 2013-2014 (PF)
influenza virus vaccine tvs 2013-2014 (36 mosand older)/PF	Fluzone 2013-2014 (PF)
influenza virus vaccine tvs 2013-2014 (6 mos-35mos)/PF	Fluzone Pedi 2013-2014 (PF)
influenza virus vaccine tvs 2013-2014 (65 yr andup)/PF	Fluzone High-Dose 2013-14(PF)
influenza virus vaccine tvs 2018-2019(6 monthsand older)/PF	Afluria 2018-2019 (PF)
Inactivated Poliovirus	
Hepatitis B Virus,Rcmb/Diphth,Pertus(Acell),Tet,Polio Vaccine	Pediarix
diphtheria,pertussis(acell),tetanus,polio/Haemophilus B/PF	Pentacel (PF)
hep B virus,rcmb/diphth,pertus(acell),tet,poliovaccine/PF	Pediarix (PF)

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
poliomyelitis vaccine, killed	IPOL
poliomyelitis vaccine, live	Orimune Dispette
Measles/Mumps and Rubella	
measles, mumps, and rubella live vaccine	M-M-R II
measles, mumps, and rubella vaccine live/PF	M-M-R II (PF)
measles, mumps, rubella, and varicella vaccine live/PF	ProQuad (PF)
Meningococcal Strains A/C/W/Y	
Meningococcal Vaccine A,C,Y,W-135/PF	Menomune - A/C/Y/W-135(PF)
diluent for meningo C,Y/Haemophilus b conj vacc(0.9 % NaCl)	Diluent For Menhibrix
diluent for meningococcal vacA,C,Y,W-135,single-dose(water)	Diluent For Menomune (PF)
diluent for meningococcal vacA,C,Y,W-135,multi-dose(water)	Diluent For Menomune
meningococcal A diphtheria-conj vaccine component 1 of 2/PF	Menveo MenA Component(PF)
meningococcal C,Y,W-135,dip-conj vaccine component 2 of 2/PF	Menveo MenCYW-135Compnt (PF)
meningococcal vac A,C,Y,W-135	Menomune - A/C/Y/W-135
meningococcal vaccine A,C,Y and W-135,conj tetanus toxoid/PF	MenQuadfi (PF)
meningococcal vaccine C,Y/Haemophilus b conj-tetanus tox/PF	Menhibrix (PF)
meningococcal vaccine A,C,Y,W-135,diphtheria toxoid conj/PF	Menactra (PF)
meningococcal vaccine A,C,Y,W-135,diphtheria toxoid conj/PF	Menveo A-C-Y-W-135-Dip(PF)
Pneumococcal	
pneumococcal 13-valent conjugate vaccine(Diphtheria crm)/PF	Prevnar 13 (PF)
pneumococcal 23-valent polysaccharide vaccine	
pneumococcal 23-valent polysaccharide vaccine	Pneumovax-23
pneumococcal 23-valent polysaccharide vaccine	Pnu-Imune
Proton Pump Inhibitors	
aspirin/omeprazole	aspirin-omeprazole
aspirin/omeprazole	Yosprala
dexlansoprazole	Dexilant
dexlansoprazole	Kapidex
esomeprazole magnesium	esomeprazole magnesium
esomeprazole magnesium	Heartburn Treatment
esomeprazole magnesium	Nexium
esomeprazole magnesium	Nexium 24HR
esomeprazole magnesium	Nexium Packet
esomeprazole magnesium/glycerin	Esomep-EZS
esomeprazole sodium	esomeprazole sodium
esomeprazole sodium	Nexium IV
esomeprazole strontium	esomeprazole strontium
lansoprazole	Heartburn Relief 24 Hour
lansoprazole	Heartburn Treatment 24 Hour
lansoprazole	lansoprazole
lansoprazole	lansoprazole (bulk)
lansoprazole	Prevacid
lansoprazole	Prevacid 24Hr
lansoprazole	Prevacid IV
lansoprazole	Prevacid SoluTab

Appendix E. List of Generic and Brand Names of Medical Products Used to Define Baseline Characteristics in this Request

Generic Name	Brand Name
LANSOPRAZOLE	FIRST-Lansoprazole
lansoprazole/amoxicillin trihydrate/clarithromycin	amoxicil-clarithromy-lansopraz
lansoprazole/amoxicillin trihydrate/clarithromycin	Prevpac
lansoprazole/naproxen	PREVACID NapraPAC
naproxen/esomeprazole magnesium	naproxen-esomeprazole
naproxen/esomeprazole magnesium	Vimovo
omeprazole	omeprazole
omeprazole	omeprazole (bulk)
omeprazole	Prilosec
OMEPRAZOLE	FIRST-Omeprazole
OMEPRAZOLE	Omeprazole+SyrSpend SF Alka
omeprazole magnesium	Acid Reducer (omeprazole)
omeprazole magnesium	omeprazole magnesium
omeprazole magnesium	Prilosec
omeprazole magnesium	Prilosec OTC
omeprazole magnesium/amoxicillin trihydrate/rifabutin	Talicia
omeprazole/clarithromycin/amoxicillin trihydrate	Omeclamox-Pak
omeprazole/sodium bicarbonate	OmePPI
omeprazole/sodium bicarbonate	omeprazole-sodium bicarbonate
omeprazole/sodium bicarbonate	Zegerid
omeprazole/sodium bicarbonate	Zegerid OTC
pantoprazole sodium	pantoprazole
pantoprazole sodium	Protonix
rabeprazole sodium	AcipHex
rabeprazole sodium	AcipHex Sprinkle
rabeprazole sodium	rabeprazole
Rotavirus	
diluent for oral live rotavirus vaccine (calciumcarbonate)	Diluent For Rotarix
rotavirus vaccine, live oral attenuated,89-12 strain,G1P(8)	Rotarix
rotavirus vaccine, live oral pentavalent	RotaTeq Vaccine
rotavirus vaccine,live oral tetraaval/sod.bicarb/citricacid	
Tetanus/Diphtheria/Acellular Pertussis	
Hepatitis BVirus,Rcmb/Diphth,Pertus(Acell),Tet,Polio Vaccine	Pediarix
diphtheria,pertussis(acell),tetanus,polio/Haemophilus B/PF	Pentacel (PF)
diphtheria,pertussis(acellular),tetanus vaccine	Boostrix Tdap
diphtheria,pertussis(acellular),tetanus vaccine/PF	Adacel(TdapAdolesn/Adult)(PF)
diphtheria,pertussis,tetanus,Haemophilus Bconjugate vaccine	Tetramune
hep B virus,rcmb/diphth,pertus(acell),tet,poliovaccine/PF	Pediarix (PF)
Varicella	
measles, mumps, rubella, and varicella vaccinelive/PF	ProQuad (PF)
varicella virus vaccine live/PF	Varivax (PF)

Appendix F. Specifications Defining General Parameters for this Request

This request executed the Cohort Identification and Descriptive Analysis (CIDA), QRP version 10.3.2 with custom programming, to characterize linked and unlinked infants in the Mother-Infant Linkage (MIL) table in the Sentinel Distributed Database (SDD).

Query Period (*Bound by the Delivery Date*): January 1, 2000 - March 31, 2021

Coverage Requirement: 301 days (180 days prior to birth, 121 days post-birth to exclude additional live deliveries)

Enrollment Requirement Prior to Index Date: 0 days

Enrollment Requirement Post Index Date: 0 days

Minimum Enrollment Requirement Prior to Delivery Date: 0 days

Enrollment Gap: 0 days

Pre-Pregnancy Period (*Relative to Pregnancy Start Date*): 0 days

Sex of Infant: Female, male, and other

Stratifications: A) Mother's age at delivery, B) Mother's pre-delivery enrollment, C) Infant's follow-up time

Output by Gestational Week: No

Restrictions: No

Envelope Macro: *Reclassify encounters during inpatient stay as inpatient

Freeze Data: No

Pregnancy Episode Creation

Scenario	Description	Mother's Age Group ¹	Delivery Definition	Linkage Codes	Pregnancy Cohort Definition	Delivery Care Setting	Delivery Washout Period	Pregnancy Duration Definition (Pre/Post Term Codes)	Allowed Time Between Infant Birth Date and Delivery Date	Allowed Gap Between Infant Delivery and Enrollment	Pre/Post-Term Code Evaluation Window Relative to Delivery Date	Pregnancy Duration in Absence of Pre/Post-Term Codes (ITT Days)	Medical Product of Interest (MOI) Exposure Episode Creation
1	Overall	10-54 years	Use MIL table	All linkage codes	Cohort includes all valid pregnancy episodes during the query period	N/A	180 days	Use Pregnancy Algorithm Codes*	3 days	Any	7 days	273 days	None

¹Mother's age group is calculated at delivery date

International Classification of Diseases, Ninth Revision (ICD-9), International Classification of Diseases, Tenth Revision (ICD-10), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) codes are provided by Optum360.

National Drug Codes (NDCs) are checked against First Data Bank's "National Drug Data File (NDDF®) Plus."

Appendix G. Specifications Defining Exclusion Parameters for this Request

Inclusion/Exclusion Criteria

Description	Inclusion/ Exclusion Group	Criteria	Evaluation Period Start	Evaluation Period End	Code Days	Population to which Inclusion/Exclusion Applies	Index Date to Define Inclusion/Exclusion Criteria
Linked Infants Overall	Live birth delivery	Exclusion	0 days	121 days	1 day	Mother claims (M)	Pregnancy start date (INDEXDT)
*Delivery washout and Live birth delivery exclusion result in an exclusion of pregnancies with evidence of a live birth delivery during the pregnancy period							

Appendix H. Specifications Defining Baseline Characteristic Parameters for this Request

Characteristic	Medical Record for Linked*	Medical Record for Unlinked*	Care Setting	Principal Diagnosis Position	Evaluation Period Start (Days)	Evaluation Period End (Days)	Evidence of a Dispensing or Evidence of Days Supply	Number of Instances the Covariate should be Found in Evaluation Period
Infant Birth Year								
2000			N/A	N/A	0	0	N/A	N/A
2001			N/A	N/A	0	0	N/A	N/A
2002			N/A	N/A	0	0	N/A	N/A
2003			N/A	N/A	0	0	N/A	N/A
2004			N/A	N/A	0	0	N/A	N/A
2005			N/A	N/A	0	0	N/A	N/A
2006			N/A	N/A	0	0	N/A	N/A
2007			N/A	N/A	0	0	N/A	N/A
2008			N/A	N/A	0	0	N/A	N/A
2009			N/A	N/A	0	0	N/A	N/A
2010			N/A	N/A	0	0	N/A	N/A
2011			N/A	N/A	0	0	N/A	N/A
2012			N/A	N/A	0	0	N/A	N/A
2013			N/A	N/A	0	0	N/A	N/A
2014			N/A	N/A	0	0	N/A	N/A
2015			N/A	N/A	0	0	N/A	N/A
2016			N/A	N/A	0	0	N/A	N/A
2017			N/A	N/A	0	0	N/A	N/A
2018			N/A	N/A	0	0	N/A	N/A
2019			N/A	N/A	0	0	N/A	N/A
2020			N/A	N/A	0	0	N/A	N/A
2021			N/A	N/A	0	0	N/A	N/A
Infant Sex								
Female			N/A	N/A	0	0	N/A	N/A
Male			N/A	N/A	0	0	N/A	N/A

Appendix H. Specifications Defining Baseline Characteristic Parameters for this Request

Characteristic	Medical Record for Linked*	Medical Record for Unlinked*	Care Setting	Principal Diagnosis Position	Evaluation Period Start (Days)	Evaluation Period End (Days)	Evidence of a Dispensing or Evidence of Days Supply	Number of Instances the Covariate should be Found in Evaluation Period
Infant Race Categories²								
American Indian or Alaska Native	I	I	N/A	N/A	0	0	N/A	N/A
Asian	I	I	N/A	N/A	0	0	N/A	N/A
Black or African American	I	I	N/A	N/A	0	0	N/A	N/A
Native Hawaiian or Pacific Islander	I	I	N/A	N/A	0	0	N/A	N/A
White	I	I	N/A	N/A	0	0	N/A	N/A
Unknown	I	I	N/A	N/A	0	0	N/A	N/A
Infant Hispanic origin								
Hispanic or Latino	I	I	N/A	N/A	0	0	N/A	N/A
Not Hispanic or Latino	I	I	N/A	N/A	0	0	N/A	N/A
Unknown	I	I	N/A	N/A	0	0	N/A	N/A
Infant Mean Birth-Enrollment Gap (Days)	I	I	N/A	N/A	0	0	N/A	N/A
Infant Birth-Enrollment Gap Categories								
0 - 14 Days	I	I	N/A	N/A	0	0	N/A	N/A
15 - 30 Days	I	I	N/A	N/A	0	0	N/A	N/A
31 - 90 Days	I	I	N/A	N/A	0	0	N/A	N/A
> 90 Days	I	I	N/A	N/A	0	0	N/A	N/A
Infant Mean Continuous Enrollment (Days)	I	I	N/A	N/A	0	0	N/A	N/A
Infant Continuous Enrollment Categories								
≤ 30 Days	I	I	N/A	N/A	0	0	N/A	N/A
31 - 183 Days	I	I	N/A	N/A	0	0	N/A	N/A
184 - 365 Days	I	I	N/A	N/A	0	0	N/A	N/A
366 - 729 Days	I	I	N/A	N/A	0	0	N/A	N/A
≥ 730 Days	I	I	N/A	N/A	0	0	N/A	N/A
Infant Birth Type								
Singleton	M	N/A	N/A	N/A	0	0	N/A	N/A
Multiples	M	N/A	N/A	N/A	0	0	N/A	N/A
Unknown	M	N/A	N/A	N/A	0	0	N/A	N/A

Appendix H. Specifications Defining Baseline Characteristic Parameters for this Request

Characteristic	Medical Record for Linked*	Medical Record for Unlinked*	Care Setting	Principal Diagnosis Position	Evaluation Period Start (Days)	Evaluation Period End (Days)	Evidence of a Dispensing or Evidence of Days Supply	Number of Instances the Covariate should be Found in Evaluation Period
Mother Mean Age at Delivery (Years)	M	N/A	N/A	N/A	0	0	N/A	N/A
Mother Age at Delivery Categories								
10 - 17 Years	M	N/A	N/A	N/A	0	0	N/A	N/A
18 - 39 Years	M	N/A	N/A	N/A	0	0	N/A	N/A
40-54 Years	M	N/A	N/A	N/A	0	0	N/A	N/A
Mother Pre-Delivery Coverage								
< 391 Days	M	N/A	N/A	N/A	0	0	N/A	N/A
≥ 391 Days	M	N/A	N/A	N/A	0	0	N/A	N/A
Mean Gestational Age at Delivery (Days) ³	M	N/A	N/A	N/A	0	0	N/A	N/A
Delivery Status								
Pre-Term (0-258 days gestation)	M	N/A	MEPREP	N/A	0	0	N/A	N/A
Term (259-280 days gestation)	M	N/A	MEPREP	N/A	0	0	N/A	N/A
Post-Term (281-301 days gestation)	M	N/A	MEPREP	N/A	0	0	N/A	N/A
Unknown Term	M	N/A	MEPREP	N/A	0	0	N/A	N/A
Clinical Characteristics Identified by Searching Mother and Infant Record [0, 28 Days]								
Evidence of Neonatal Medication Administrations								
Antibiotic administration	MI	N/A	Any	Any	0	28	N/A	1
Ampicillin	MI	N/A	Any	Any	0	28	N/A	1
Gentamicin	MI	N/A	Any	Any	0	28	N/A	1
Cefotaxime	MI	N/A	Any	Any	0	28	N/A	1
Opioid administration	MI	N/A	Any	Any	0	28	N/A	1
Corticosteroid administration	MI	N/A	Any	Any	0	28	N/A	1
Surfactant administration	MI	N/A	Any	Any	0	28	N/A	1
Vitamin administration	MI	N/A	Any	Any	0	28	N/A	1
Vitamin K administration	MI	N/A	Any	Any	0	28	N/A	1

Appendix H. Specifications Defining Baseline Characteristic Parameters for this Request

Characteristic	Medical Record for Linked*	Medical Record for Unlinked*	Care Setting	Principal Diagnosis Position	Evaluation Period Start (Days)	Evaluation Period End (Days)	Evidence of a Dispensing or Evidence of Days Supply	Number of Instances the Covariate should be Found in Evaluation Period
Evidence of Neonatal Outcomes								
Bronchopulmonary Dysplasia	MI	N/A	Any	Any	0	28	N/A	1
Fetal Alcohol Syndrome	MI	N/A	Any	Any	0	28	N/A	1
Low Birth Weight	MI	N/A	Any	Any	0	28	N/A	1
Necrotizing Enterocolitis	MI	N/A	Any	Any	0	28	N/A	1
Neonatal Abstinence Syndrome	MI	N/A	Any	Any	0	28	N/A	1
Neonatal Sepsis	MI	N/A	Any	Any	0	28	N/A	1
Retinopathy of Prematurity	MI	N/A	Any	Any	0	28	N/A	1
Respiratory Distress Syndrome	MI	N/A	Any	Any	0	28	N/A	1
Evidence of Medication Dispensings								
Antibiotics	MI	N/A	N/A	N/A	0	28	Days Supply	1
Anticonvulsants	MI	N/A	N/A	N/A	0	28	Days Supply	1
Antidiabetic agents	MI	N/A	N/A	N/A	0	28	Days Supply	1
Antihistamines	MI	N/A	N/A	N/A	0	28	Days Supply	1
Antihypertensives	MI	N/A	N/A	N/A	0	28	Days Supply	1
Asthma medications	MI	N/A	N/A	N/A	0	28	Days Supply	1
Glucocorticoids	MI	N/A	N/A	N/A	0	28	Days Supply	1
Proton pump inhibitors	MI	N/A	N/A	N/A	0	28	Days Supply	1
Evidence of Immunizations								
Hepatitis B	MI	N/A	Any	Any	0	28	N/A	1
Evidence of Comorbidities								
Reactions	MI	N/A	Any	Any	0	28	N/A	1
Anemia	MI	N/A	Any	Any	0	28	N/A	1
Asthma	MI	N/A	Any	Any	0	28	N/A	1
Cancer of the Brain & Other Parts of the CNS	MI	N/A	Any	Any	0	28	N/A	1
Related Tissue	MI	N/A	Any	Any	0	28	N/A	1
Cancer, Other	MI	N/A	Any	Any	0	28	N/A	1
Diabetes mellitus (DM)	MI	N/A	Any	Any	0	28	N/A	1

Appendix H. Specifications Defining Baseline Characteristic Parameters for this Request

Characteristic	Medical Record for Linked*	Medical Record for Unlinked*	Care Setting	Principal Diagnosis Position	Evaluation Period Start (Days)	Evaluation Period End (Days)	Evidence of a Dispensing or Evidence of Days Supply	Number of Instances the Covariate should be Found in Evaluation Period
Epilepsy	MI	N/A	Any	Any	0	28	N/A	1
Gastroesophageal Reflux Disease (GERD)	MI	N/A	Any	Any	0	28	N/A	1
Hypertension	MI	N/A	Any	Any	0	28	N/A	1
Influenza	MI	N/A	Any	Any	0	28	N/A	1
Intellectual Disabilities and Related Conditions	MI	N/A	Any	Any	0	28	N/A	1
Irritable bowel syndrome	MI	N/A	Any	Any	0	28	N/A	1
Measles	MI	N/A	Any	Any	0	28	N/A	1
Meningitis	MI	N/A	Any	Any	0	28	N/A	1
Mumps	MI	N/A	Any	Any	0	28	N/A	1
Otitis Media	MI	N/A	Any	Any	0	28	N/A	1
Pertussis	MI	N/A	Any	Any	0	28	N/A	1
Pneumonia	MI	N/A	Any	Any	0	28	N/A	1
Rubella	MI	N/A	Any	Any	0	28	N/A	1
Sickle Cell Disease	MI	N/A	Any	Any	0	28	N/A	1
Sinusitis	MI	N/A	Any	Any	0	28	N/A	1
Clinical Characteristics Identified by Searching Infant Record Only [0, 28 Days]								
Evidence of Neonatal Medication Administrations								
Antibiotic administration	I	I	Any	Any	0	28	N/A	1
Ampicillin	I	I	Any	Any	0	28	N/A	1
Gentamicin	I	I	Any	Any	0	28	N/A	1
Cefotaxime	I	I	Any	Any	0	28	N/A	1
Opioid administration	I	I	Any	Any	0	28	N/A	1
Corticosteroid administration	I	I	Any	Any	0	28	N/A	1
Surfactant administration	I	I	Any	Any	0	28	N/A	1
Vitamin administration	I	I	Any	Any	0	28	N/A	1
Vitamin K administration	I	I	Any	Any	0	28	N/A	1

Appendix H. Specifications Defining Baseline Characteristic Parameters for this Request

Characteristic	Medical Record for Linked*	Medical Record for Unlinked*	Care Setting	Principal Diagnosis Position	Evaluation Period Start (Days)	Evaluation Period End (Days)	Evidence of a Dispensing or Evidence of Days Supply	Number of Instances the Covariate should be Found in Evaluation Period
Evidence of Neonatal Outcomes								
Bronchopulmonary Dysplasia			Any	Any	0	28	N/A	1
Fetal Alcohol Syndrome			Any	Any	0	28	N/A	1
Low Birth Weight			Any	Any	0	28	N/A	1
Necrotizing Enterocolitis			Any	Any	0	28	N/A	1
Neonatal Abstinence Syndrome			Any	Any	0	28	N/A	1
Neonatal Sepsis			Any	Any	0	28	N/A	1
Retinopathy of Prematurity			Any	Any	0	28	N/A	1
Respiratory Distress Syndrome			Any	Any	0	28	N/A	1
Evidence of Medication Dispensings								
Antibiotics			N/A	N/A	0	28	Days Supply	1
Anticonvulsants			N/A	N/A	0	28	Days Supply	1
Antidiabetic agents			N/A	N/A	0	28	Days Supply	1
Antihistamines			N/A	N/A	0	28	Days Supply	1
Antihypertensives			N/A	N/A	0	28	Days Supply	1
Asthma medications			N/A	N/A	0	28	Days Supply	1
Glucocorticoids			N/A	N/A	0	28	Days Supply	1
Proton pump inhibitors			N/A	N/A	0	28	Days Supply	1
Evidence of Immunizations								
Hepatitis B			Any	Any	0	28	N/A	1
Evidence of Comorbidities								
Reactions			Any	Any	0	28	N/A	1
Anemia			Any	Any	0	28	N/A	1
Asthma			Any	Any	0	28	N/A	1
Cancer of the Brain & Other Parts of the CNS			Any	Any	0	28	N/A	1
Related Tissue			Any	Any	0	28	N/A	1
Cancer, Other			Any	Any	0	28	N/A	1
Diabetes mellitus (DM)			Any	Any	0	28	N/A	1

Appendix H. Specifications Defining Baseline Characteristic Parameters for this Request

Characteristic	Medical Record for Linked*	Medical Record for Unlinked*	Care Setting	Principal Diagnosis Position	Evaluation Period Start (Days)	Evaluation Period End (Days)	Evidence of a Dispensing or Evidence of Days Supply	Number of Instances the Covariate should be Found in Evaluation Period
Epilepsy			Any	Any	0	28	N/A	1
Gastroesophageal Reflux Disease (GERD)			Any	Any	0	28	N/A	1
Hypertension			Any	Any	0	28	N/A	1
Influenza			Any	Any	0	28	N/A	1
Intellectual Disabilities and Related Conditions			Any	Any	0	28	N/A	1
Irritable bowel syndrome			Any	Any	0	28	N/A	1
Measles			Any	Any	0	28	N/A	1
Meningitis			Any	Any	0	28	N/A	1
Mumps			Any	Any	0	28	N/A	1
Otitis Media			Any	Any	0	28	N/A	1
Pertussis			Any	Any	0	28	N/A	1
Pneumonia			Any	Any	0	28	N/A	1
Rubella			Any	Any	0	28	N/A	1
Sickle Cell Disease			Any	Any	0	28	N/A	1
Sinusitis			Any	Any	0	28	N/A	1
Clinical Characteristics Identified by Searching Infant Record Only [29, 365 Days]								
Evidence of Medication Dispensings								
Antibiotics			N/A	N/A	29	365	Days Supply	1
Anticonvulsants			N/A	N/A	29	365	Days Supply	1
Antidiabetic agents			N/A	N/A	29	365	Days Supply	1
Antihistamines			N/A	N/A	29	365	Days Supply	1
Antihypertensives			N/A	N/A	29	365	Days Supply	1
Asthma medications			N/A	N/A	29	365	Days Supply	1
Glucocorticoids			N/A	N/A	29	365	Days Supply	1
Proton pump inhibitors			N/A	N/A	29	365	Days Supply	1
Evidence of Immunizations								
Hepatitis B			Any	Any	29	365	N/A	1
Rotavirus			Any	Any	29	365	N/A	1

Appendix H. Specifications Defining Baseline Characteristic Parameters for this Request

Characteristic	Medical Record for Linked*	Medical Record for Unlinked*	Care Setting	Principal Diagnosis Position	Evaluation Period Start (Days)	Evaluation Period End (Days)	Evidence of a Dispensing or Evidence of Days Supply	Number of Instances the Covariate should be Found in Evaluation Period
Diphtheria, tetanus, acellular pertussis			Any	Any	29	365	N/A	1
Haemophilus influenza type B			Any	Any	29	365	N/A	1
Pneumococcal (PCV13 only)			Any	Any	29	365	N/A	1
Inactivated Poliovirus			Any	Any	29	365	N/A	1
Influenza (Live Attenuated or Inactivated)			Any	Any	29	365	N/A	1
Measles, Mumps, Rubella			Any	Any	29	365	N/A	1
Varicella			Any	Any	29	365	N/A	1
Hepatitis A			Any	Any	29	365	N/A	1
Meningococcal (A, C, W, Y)			Any	Any	29	365	N/A	1
Evidence of Comorbidities								
Reactions			Any	Any	29	365	N/A	1
Anemia			Any	Any	29	365	N/A	1
Asthma			Any	Any	29	365	N/A	1
Cancer of the Brain & Other Parts of the CNS			Any	Any	29	365	N/A	1
Related Tissue			Any	Any	29	365	N/A	1
Cancer, Other			Any	Any	29	365	N/A	1
Diabetes mellitus (DM)			Any	Any	29	365	N/A	1
Epilepsy			Any	Any	29	365	N/A	1
Gastroesophageal Reflux Disease (GERD)			Any	Any	29	365	N/A	1
Hypertension			Any	Any	29	365	N/A	1
Influenza			Any	Any	29	365	N/A	1
Intellectual Disabilities and Related Conditions			Any	Any	29	365	N/A	1
Irritable bowel syndrome			Any	Any	29	365	N/A	1
Measles			Any	Any	29	365	N/A	1
Meningitis			Any	Any	29	365	N/A	1
Mumps			Any	Any	29	365	N/A	1
Otitis Media			Any	Any	29	365	N/A	1
Pertussis			Any	Any	29	365	N/A	1

Appendix H. Specifications Defining Baseline Characteristic Parameters for this Request

Characteristic	Medical Record for Linked*	Medical Record for Unlinked*	Care Setting	Principal Diagnosis Position	Evaluation Period Start (Days)	Evaluation Period End (Days)	Evidence of a Dispensing or Evidence of Days Supply	Number of Instances the Covariate should be Found in Evaluation Period
Pneumonia	I	I	Any	Any	29	365	N/A	1
Rubella	I	I	Any	Any	29	365	N/A	1
Sickle Cell Disease	I	I	Any	Any	29	365	N/A	1
Sinusitis	I	I	Any	Any	29	365	N/A	1
Clinical Characteristics Identified by Searching [Infant Only or Infant and Mother] Record [0, 365 Days]								
Evidence of Major Congenital Malformations								
Central Nervous System								
encephalomyelocele	MI	I	Any	Any	0	365	N/A	1
Spina bifida	MI	I	Any	Any	0	365	N/A	1
Holoprosencephaly	MI	I	Any	Any	0	365	N/A	1
Microcephalus	MI	I	Any	Any	0	365	N/A	1
Eye, Ear, Nose, Throat (EENT)								
Anophthalmia, microphthalmia	MI	I	Any	Any	0	365	N/A	1
Cataracts and other lens defects	MI	I	Any	Any	0	365	N/A	1
Anotia, microtia	MI	I	Any	Any	0	365	N/A	1
Cardiac								
Severe cardiac defects	MI	I	Any	Any	0	365	N/A	1
coronary artery	MI	I	Any	Any	0	365	N/A	1
heterotaxy, papvr	MI	I	Any	Any	0	365	N/A	1
Orofacial/Respiratory								
Choanal atresia/stenosis	MI	I	Any	Any	0	365	N/A	1
Cleft palate/lip	MI	I	Any	Any	0	365	N/A	1
Gastrointestinal								
Biliary atresia	MI	I	Any	Any	0	365	N/A	1
Intestinal atresia/stenosis	MI	I	Any	Any	0	365	N/A	1
fistula	MI	I	Any	Any	0	365	N/A	1
Pyloric stenosis	MI	I	Any	Any	0	365	N/A	1
Exstrophy, bladder	MI	I	Any	Any	0	365	N/A	1

Appendix H. Specifications Defining Baseline Characteristic Parameters for this Request

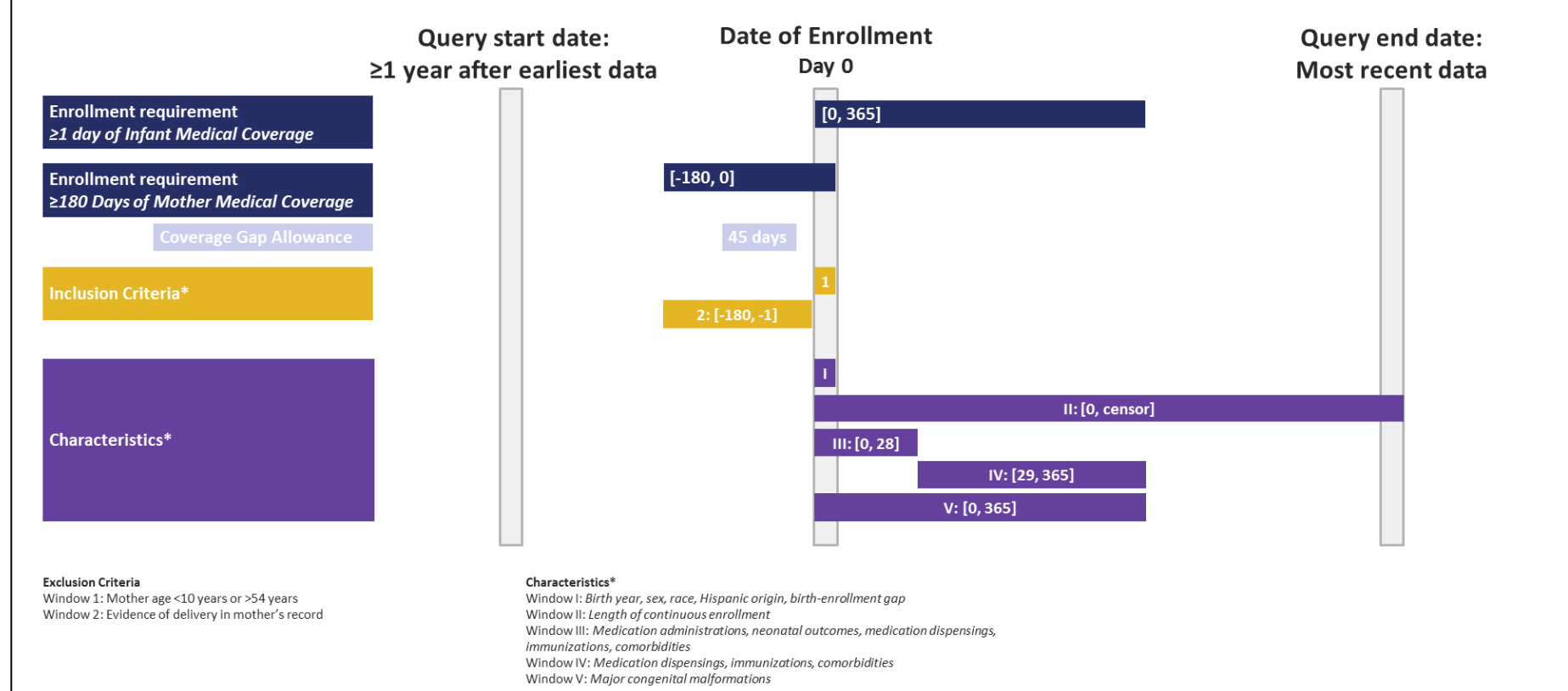
Characteristic	Medical Record for Linked*	Medical Record for Unlinked*	Care Setting	Principal Diagnosis Position	Evaluation Period Start (Days)	Evaluation Period End (Days)	Evidence of a Dispensing or Evidence of Days Supply	Number of Instances the Covariate should be Found in Evaluation Period
Genitourinary/Renal								
Hypospadias — second or third degree	MI	I	Any	Any	0	365	N/A	1
Renal dysplasia	MI	I	Any	Any	0	365	N/A	1
Renal agenesis/hypoplasia	MI	I	Any	Any	0	365	N/A	1
Congenital hydronephrosis	MI	I	Any	Any	0	365	N/A	1
Posterior urethral valve/and/or prune belly	MI	I	Any	Any	0	365	N/A	1
Musculoskeletal malformations								
Gastroschisis or omphalocele	MI	I	Any	Any	0	365	N/A	1
Diaphragmatic hernia	MI	I	Any	Any	0	365	N/A	1
Limb deficiency	MI	I	Any	Any	0	365	N/A	1
Sacral agenesis	MI	I	Any	Any	0	365	N/A	1

* I = infant's record

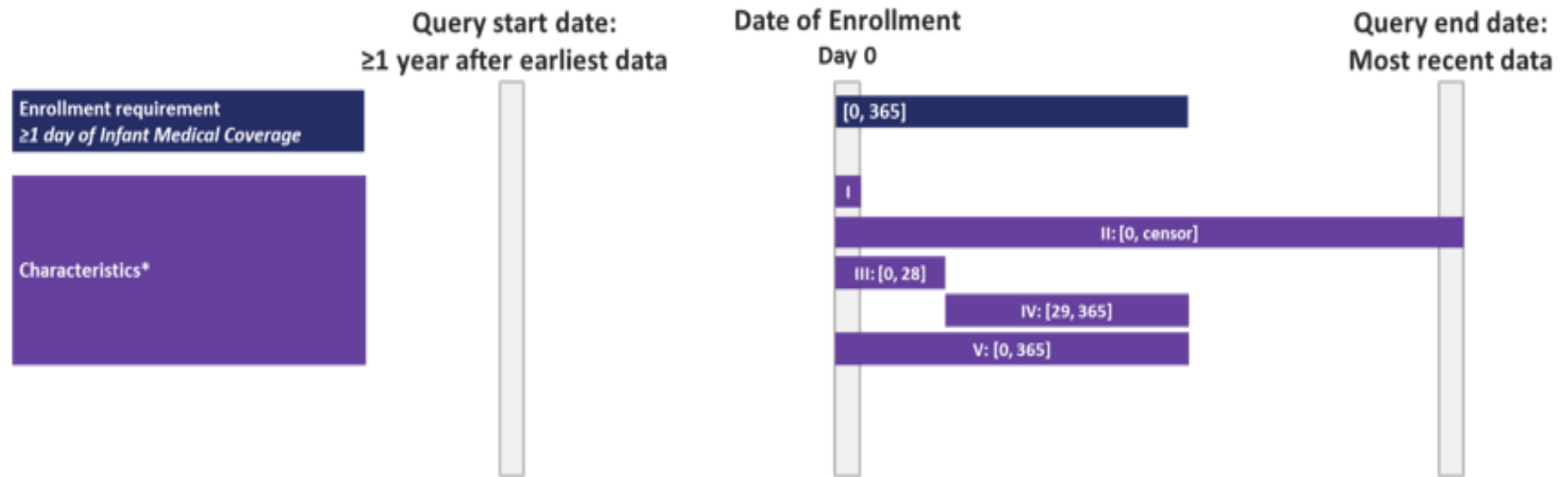
M = mother's record

MI = both infant's and mother's record

Linked Infants



Unlinked Infants



Characteristics*
 Window I: Birth year, sex, race, Hispanic origin, birth-enrollment gap
 Window II: Length of continuous enrollment
 Window III: Medication administrations, neonatal outcomes, medication dispensings, immunizations, comorbidities
 Window IV: Medication dispensings, immunizations, comorbidities
 Window V: Major congenital malformations