

Disclaimer

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

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

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

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

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

Overview for Request: cder_mpl1p_wp248

Request ID: cder_mpl1r_wp248

Request Description: In this report, we assessed the first treatment episode duration of hormonal contraceptives (HC) among women with live-birth or stillbirth delivery in the 12-month postpartum period in the Sentinel Distributed Database (SDD).

Sentinel Routine Querying Module: Cohort Identification and Descriptive Analysis (CIDA) tool, QRP version 14.0.0

Data Source: We distributed this request to six Sentinel Data Partners (DP) on November 15, 2024. The study period included data from January 1, 2012 to May 31, 2024. Please see Appendix A for a list of available data for each Data Partner.

Study Design: Using the Sentinel Distributed Database (SDD), we identified cohorts of patients initiating any combined hormonal contraceptives (CHCs), any progestin-only contraceptives (POCs), and depot-medroxyprogesterone acetate (DMPA) POC within 42 days after live or stillbirth deliveries and having a subsequent dispensing or administration for any contraceptive (CHC or POC) occurring within a year of postpartum. The index date was defined as the first recorded dispensing or administration of any CHC, any POC, or DMPA POC, with no prior contraceptive dispensing or administration in the preceding year. The analyses characterized first exposure episode durations overall and stratified by Census Bureau Region (Northeast, Midwest, South, and West) and Year. This was a Type 5 analysis in the Query Request Package (QRP) documentation.

Exposures of Interest: Our exposures of interest were evidence of at least one dispensing or administration of any form of CHC (including oral, patch, and vaginal ring) or any form of POC (including oral, DMPA, intrauterine devices [IUDs], and implant) or DMPA POC within 42 days after live or stillbirth deliveries and a subsequent dispensing for any contraceptive (CHC or POC) occurring within a year of postpartum. We summarized the durations of the first exposure episodes in days as continuous variables, reporting the mean, standard deviation, median, and quartiles. Additionally, we categorized the durations into the following intervals: 0-29 days, 30-60 days, 61-90 days, 91-120 days, 121-150 days, 151-180 days, and 181+ days. The index hormonal contraceptives were defined using National Drug Codes (NDCs), Healthcare Common Procedure Coding System (HCPCS) procedure codes, and Current Procedural Terminology, Fourth Edition (CPT-4) procedure codes. The first initiation of any CHC, any POC, and DMPA POC (index date) was identified without any previous records of CHC or POC use in the past 365 days. Please see Appendix B for the list of procedure codes and International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) used to define contraceptive exposures in this request, Appendix C for a list of non-proprietary and proprietary names of medical products.

Cohort Eligibility Criteria: We required members to have medical and drug coverage for a minimum of 365 days before and after each index date; gaps in coverage of up to 45 days were allowed and considered continuous enrollment. Individuals of the following ages were included in the cohorts: 18-24, 25-34, 35-45, 46+ years.

The index date was defined as the first instance of CHC or POC or DMPA use. Patients were required to have evidence of live or stillbirth deliveries occurring within 42 days before the index date. We excluded patients who experienced live or stillbirth deliveries within 365 days after the index date. Furthermore, patients were required to have received a second contraceptive within 365 days postpartum. Please see Appendix D for the list of ICD-9-CM and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) codes used to define live-birth or stillbirth deliveries and medical products for inclusion and exclusion specified in this request and Appendix E for a list of non-proprietary and proprietary names of medical products used to define first CHC or POC contraceptives used to specify inclusion and exclusion criteria in this request.

Overview for Request: cder_mpl1p_wp248

Baseline Characteristics: We assessed the following characteristics on index dates: age, sex, race, Hispanic origin, and year. We also evaluated the utilization of drospirenone POC within any POC cohort on the index date. Additionally, we assessed delivery outcomes, including live birth, stillbirth, live birth singleton, live birth multiple, stillbirth singleton, stillbirth multiple, live/stillbirth multiple, and vaginal or C-section deliveries, within 42 days prior to the first index contraceptive, and census bureau region. We also examined the use of any CHC, oral CHC, patch CHC, ring CHC, any POC, non-oral POCs, oral POC, no use of CHC, no use of POC, and at least 2 instances of CHC or POC contraceptive types within 1-365 days after the index. Please see Appendix F for ICD-9, ICD-10, and procedure codes used for defining clinical conditions. Please see Appendix G for a list of non-proprietary and proprietary names of medical products used to define covariates in this request.

Please refer to Appendices H.1-H.5 and I for the specifications of parameters used in this request, baseline characteristics used in this request, combination specifications, and a design diagram.

Limitations: Algorithms used to define exposures and inclusion criteria 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/SETINEL/repos/sentinel-routine-querying-tool-documentation/browse>).

Table of Contents

<u>Glossary (CIDA)</u>	List of Terms to Define the Cohort Identification and Descriptive Analysis (CIDA) Found in this Report
<u>Table 1a</u>	Characteristics of Patients Initiating a Combined Hormonal Contraceptive (CHC) Within the First Six Weeks After Live or Stillbirth Delivery and a Subsequent Dispensing or Administration for Any Contraceptive (CHC or Progestin-only Contraceptives [POC]) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024
<u>Table 1b</u>	Characteristics of Patients Initiating a Progestin-only Contraceptive (POC) Within the First Six Weeks After Live or Stillbirth Delivery and a Subsequent Dispensing or Administration for Any Contraceptive (Combined Hormonal Contraceptive [CHC] or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024
<u>Table 1c</u>	Characteristics of Patients Initiating a Depot-medroxyprogesterone Acetate (DMPA) Progestin-only Contraceptives (POC) Within the First Six Weeks After Live or Stillbirth Delivery and a Subsequent Dispensing or Administration for Any Contraceptive (Combined Hormonal Contraceptives [CHC] or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024
<u>Table 2a</u>	Categorical Summary of First Treatment Episodes for Exposures of Interest in Patients Initiating on Any Combined Hormonal Contraceptive (CHC), Any Progestin Only Contraceptive (POC), and Depot-medroxyprogesterone Acetate (DMPA) POC Within the First Six Weeks After Live or Stillbirth Delivery and With a Subsequent Dispensing or Administration for Any Contraceptive (CHC or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024
<u>Table 2b</u>	Categorical Summary of First Treatment Episodes for Exposures of Interest in Patients Initiating on Any Combined Hormonal Contraceptive (CHC), Any Progestin Only Contraceptive (POC), and Depot-medroxyprogesterone Acetate (DMPA) POC Within the First Six Weeks After Live or Stillbirth Delivery and With a Subsequent Dispensing or Administration for Any Contraceptive (CHC or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024, by Census Bureau Region
<u>Table 2c</u>	Categorical Summary of First Treatment Episodes for Exposures of Interest in Patients Initiating on Any Combined Hormonal Contraceptive (CHC), Any Progestin Only Contraceptive (POC), and Depot-medroxyprogesterone Acetate (DMPA) POC Within the First Six Weeks After Live or Stillbirth Delivery and With a Subsequent Dispensing or Administration for Any Contraceptive (CHC or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024, by Census Bureau Region and Year
<u>Table 3a</u>	Continuous Summary of First Treatment Episodes for Exposures of Interest in Patients Initiating on Any Combined Hormonal Contraceptive (CHC), Any Progestin Only Contraceptive (POC), and Depot-medroxyprogesterone Acetate (DMPA) POC Within the First Six Weeks After Live or Stillbirth Delivery and With a Subsequent Dispensing or Administration for Any Contraceptive (CHC or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024
<u>Table 3b</u>	Continuous Summary of First Treatment Episodes for Exposures of Interest in Patients Initiating on Any Combined Hormonal Contraceptive (CHC), Any Progestin Only Contraceptive (POC), and Depot-medroxyprogesterone Acetate (DMPA) POC Within the First Six Weeks After Live or Stillbirth Delivery and With a Subsequent Dispensing or Administration for Any Contraceptive (CHC or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024, by Census Bureau Region
<u>Table 3c</u>	Continuous Summary of First Treatment Episodes for Exposures of Interest in Patients Initiating on Any Combined Hormonal Contraceptive (CHC), Any Progestin Only Contraceptive (POC), and Depot-medroxyprogesterone Acetate (DMPA) POC Within the First 6 Weeks After Live or Stillbirth Delivery and With a Subsequent Dispensing or Administration for Any Contraceptive (CHC or POC) Within a Year of Post-partum in the Sentinel Distributed Database from January 1, 2012 to May 31, 2024, by Census Bureau Region and Year
<u>Table 4</u>	Summary of Patient-Level Cohort Attrition in the MarketScan Database from January 1, 2012 to May 31, 2024
<u>Appendix A</u>	Dates of Available Data for Each Data Partner as of Request Distribution Date (November 15, 2024)
<u>Appendix B</u>	List of Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) Codes Used to Define Exposures in this Request

Table of Contents

<u>Appendix C</u>	List of Generic and Brand Names of Medical Products Used to Define Exposure Incidence Criteria in this Request
<u>Appendix D</u>	List of Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Inclusion Criteria in this Request
<u>Appendix E</u>	List of Generic and Brand Names of Medical Products Used to Define Inclusion Criteria in this Request
<u>Appendix F</u>	List of Current Procedural Terminology, Fourth Edition (CPT-4), Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Covariates in this Request
<u>Appendix G</u>	List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request
<u>Appendix H</u>	Specifications Defining Parameters for this Request
<u>Appendix I</u>	Design Diagram for this Request

Table 1a. Characteristics of Patients Initiating a Combined Hormonal Contraceptive (CHC) Within the First Six Weeks After Live or Stillbirth Delivery¹ and a Subsequent Dispensing or Administration for Any Contraceptive (CHC or Progestin-only Contraceptives [POC]) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024

Patient Characteristics	Number	
Unique patients	74,225	
Demographic Characteristics	Mean	Standard Deviation
Age (years)	28.1	5.2
Age	Number	Percent
18-24 years	24,050	32.4%
25-34 years	41,361	55.7%
35-45 years	8,799	11.9%
≥ 46 years	15	0.0%
Sex		
Female	74,225	100.0%
Race ²		
American Indian or Alaska Native	515	0.7%
Asian	1,528	2.1%
Black or African American	8,915	12.0%
Multi-racial	607	0.8%
Native Hawaiian or Other Pacific Islander	259	0.3%
Unknown	31,381	42.3%
White	31,020	41.8%
Hispanic origin		
Yes	9,383	12.6%
No	40,364	54.4%
Unknown	24,478	33.0%
Region		
Northeast	11,696	15.8%
Midwest	22,219	29.9%
South	23,668	31.9%
West	16,538	22.3%

Table 1a. Characteristics of Patients Initiating a Combined Hormonal Contraceptive (CHC) Within the First Six Weeks After Live or Stillbirth Delivery¹ and a Subsequent Dispensing or Administration for Any Contraceptive (CHC or Progestin-only Contraceptives [POC]) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024

Demographic Characteristics	Number	Percent
Year		
2012	2,985	4.0%
2013	2,850	3.8%
2014	3,325	4.5%
2015	4,124	5.6%
2016	6,759	9.1%
2017	11,789	15.9%
2018	12,919	17.4%
2019	11,992	16.2%
2020	12,678	17.1%
2021	2,489	3.4%
2022	1,991	2.7%
2023	324	0.4%
Delivery Outcomes (Within 42 Days Prior to First Index Contraceptive)³		
Live Birth	73,483	99.0%
Live Birth Singleton	72,585	97.8%
Live Birth Multiple	1,724	2.3%
Still Birth	1,057	1.4%
Still Birth Singleton	983	1.3%
Still Birth Multiple	159	0.2%
Live and Still Birth Multiple	148	0.2%
C-section	24,393	32.9%
Vaginal Delivery	45,848	61.8%

Table 1a. Characteristics of Patients Initiating a Combined Hormonal Contraceptive (CHC) Within the First Six Weeks After Live or Stillbirth Delivery¹ and a Subsequent Dispensing or Administration for Any Contraceptive (CHC or Progestin-only Contraceptives [POC]) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024

Contraceptive Use in the 12 Months Following First Index Contraceptive [Not Including the Index]	Number	Percent
Any Combined Hormonal Contraceptives (CHC)	69,763	94.0%
Oral CHC	59,855	80.6%
Patch CHC	6,388	8.6%
Ring CHC	5,949	8.0%
Any CHC (2 code days)	57,990	78.1%
Oral CHC (2 code days)	49,340	66.5%
Patch CHC (2 code days)	4,843	6.5%
Ring CHC (2 code days)	4,564	6.1%
Any Progestin-Only Contraceptives (POC)	11,661	15.7%
Non-oral POC	8,180	11.0%
Oral POC	3,889	5.2%
Any POC (2 code days)	3,599	4.8%
Non-oral POC (2 code days)	1,449	2.0%
Oral POC (2 code days)	1,987	2.7%
No CHC use	4,462	6.0%
No POC use	62,564	84.3%
Drospirinone Use on Same Day as First Index Contraceptive		
Drospirinone	*****	*****

¹Livebirth or stillbirth delivery was required to be observed in 6 weeks prior to first dispensing or administration of CHC.

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

³ The list of diagnosis (dx) and procedure (px) codes used to identify each of the pregnancy outcomes do not overlap. For example, singleton live birth codes are mutually exclusive and do not overlap with the “live and stillbirth multiple” codes. However, since one person may have more than one qualifying index date and delivery during the study period, the number of pregnancy outcomes is not mutually exclusive. For instance, one person can have a singleton live birth and a multiple stillbirth in later years, and both birth outcomes will be recorded under the specified category.

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

Table 1b. Characteristics of Patients Initiating a Progestin-only Contraceptive (POC) Within the First Six Weeks After Live or Stillbirth Delivery¹ and a Subsequent Dispensing or Administration for Any Contraceptive (Combined Hormonal Contraceptive [CHC] or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024

Patient Characteristics		Number	
Unique patients		194,058	
Demographic Characteristics		Mean	Standard Deviation
Age (years)		29.1	5.2
Age		Number	Percent
18-24 years		49,359	25.4%
25-34 years		115,888	59.7%
35-45 years		28,716	14.8%
≥ 46 years		95	0.0%
Sex			
Female		194,058	100.0%
Race ³			
American Indian or Alaska Native		1,463	0.8%
Asian		4,064	2.1%
Black or African American		24,048	12.4%
Multi-racial		2,055	1.1%
Native Hawaiian or Other Pacific Islander		767	0.4%
Unknown		91,020	46.9%
White		70,641	36.4%
Hispanic origin			
Yes		23,111	11.9%
No		93,687	48.3%
Unknown		77,260	39.8%
Region			
Northeast		36,060	18.6%
Midwest		50,011	25.8%
South		58,276	30.0%
West		49,399	25.5%

Table 1b. Characteristics of Patients Initiating a Progestin-only Contraceptive (POC) Within the First Six Weeks After Live or Stillbirth Delivery¹ and a Subsequent Dispensing or Administration for Any Contraceptive (Combined Hormonal Contraceptive [CHC] or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024

Demographic Characteristics	Number	Percent
Year		
2012	8,452	4.4%
2013	8,288	4.3%
2014	9,593	4.9%
2015	12,036	6.2%
2016	17,210	8.9%
2017	29,194	15.0%
2018	31,445	16.2%
2019	30,443	15.7%
2020	31,672	16.3%
2021	7,646	3.9%
2022	7,003	3.6%
2023	1,076	0.6%
Delivery Outcomes (Within 42 Days Prior to First Index Contraceptive)³		
Live Birth	193,624	99.8%
Live Birth Singleton	191,080	98.5%
Live Birth Multiple	4,825	2.5%
Still Birth	815	0.4%
Still Birth Singleton	699	0.4%
Still Birth Multiple	123	0.1%
Live and Still Birth Multiple	414	0.2%
C-section	60,230	31.0%
Vaginal Delivery	124,320	64.1%

Table 1b. Characteristics of Patients Initiating a Progestin-only Contraceptive (POC) Within the First Six Weeks After Live or Stillbirth Delivery¹ and a Subsequent Dispensing or Administration for Any Contraceptive (Combined Hormonal Contraceptive [CHC] or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024

Contraceptive Use in the 12 Months Following First Index Contraceptive [Not Including the Index]	Number	Percent
Any Combined Hormonal Contraceptives (CHC)	75,582	38.9%
Oral CHC	67,290	34.7%
Patch CHC	4,246	2.2%
Ring CHC	6,024	3.1%
Any CHC (2 code days)	54,878	28.3%
Oral CHC (2 code days)	48,424	25.0%
Patch CHC (2 code days)	2,784	1.4%
Ring CHC (2 code days)	4,028	2.1%
Any Progestin-Only Contraceptives (POC)	166,499	85.8%
Non-oral POC	47,303	24.4%
Oral POC	128,875	66.4%
Any POC (2 code days)	119,273	61.5%
Non-oral POC (2 code days)	19,525	10.1%
Oral POC (2 code days)	96,787	49.9%
No CHC use	118,476	61.1%
No POC use	27,559	14.2%
Drospirinone Use on Same Day as First Index Contraceptive		
Drospirinone	962	0.5%

¹Livebirth or stillbirth delivery was required to be observed in 6 weeks prior to first dispensing or administration of POC.

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

³ The list of diagnosis (dx) and procedure (px) codes used to identify each of the pregnancy outcomes do not overlap. For example, singleton live birth codes are mutually exclusive and do not overlap with the "live and stillbirth Multiple" codes. However, since one person may have more than one qualifying index date and delivery during the study period, the number of pregnancy outcomes is not mutually exclusive. For instance, one person can have a singleton live birth and a multiple stillbirth in later years, and both birth outcomes will be recorded under the specified category.

Table 1c. Characteristics of Patients Initiating a Depot-medroxyprogesterone Acetate (DMPA) Progestin-only Contraceptives (POC) Within the First Six Weeks After Live or Stillbirth Delivery¹ and a Subsequent Dispensing or Administration for Any Contraceptive (Combined Hormonal Contraceptives [CHC] or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024

Database (CDB), from January 2, 2012 to May 31, 2014.

Patient Characteristics		Number	
Unique patients		28,828	
Demographic Characteristics		Mean	Standard Deviation
Age (years)		27.0	5.6
Age		Number	Percent
18-24 years		12,236	42.4%
25-34 years		13,703	47.5%
35-45 years		*****	*****
≥ 46 years		*****	*****
Sex			
Female		28,828	100.0%
Race ³			
American Indian or Alaska Native		306	1.1%
Asian		374	1.3%
Black or African American		7,989	27.7%
Multi-racial		219	0.8%
Native Hawaiian or Other Pacific Islander		110	0.4%
Unknown		10,502	36.4%
White		9,328	32.4%
Hispanic origin			
Yes		3,888	13.5%
No		17,715	61.5%
Unknown		7,225	25.1%
Region			
Northeast		5,782	20.1%
Midwest		7,836	27.2%
South		10,651	36.9%
West		4,521	15.7%

Table 1c. Characteristics of Patients Initiating a Depot-medroxyprogesterone Acetate (DMPA) Progestin-only Contraceptives (POC) Within the First Six Weeks After Live or Stillbirth Delivery¹ and a Subsequent Dispensing or Administration for Any Contraceptive (Combined Hormonal Contraceptives [CHC] or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024

Demographic Characteristics	Number	Percent
Year		
2012	1,032	3.6%
2013	806	2.8%
2014	961	3.3%
2015	1,617	5.6%
2016	2,373	8.2%
2017	4,557	15.8%
2018	5,415	18.8%
2019	5,317	18.4%
2020	5,362	18.6%
2021	686	2.4%
2022	617	2.1%
2023	85	0.3%
Delivery Outcomes (Within 42 Days Prior to First Index Contraceptive)³		
Live Birth	28,671	99.5%
Live Birth Singleton	28,268	98.1%
Live Birth Multiple	839	2.9%
Still Birth	222	0.8%
Still Birth Singleton	208	0.7%
Still Birth Multiple	26	0.1%
Live and Still Birth Multiple	48	0.2%
C-section	8,698	30.2%
Vaginal Delivery	17,674	61.3%

Table 1c. Characteristics of Patients Initiating a Depot-medroxyprogesterone Acetate (DMPA) Progestin-only Contraceptives (POC) Within the First Six Weeks After Live or Stillbirth Delivery¹ and a Subsequent Dispensing or Administration for Any Contraceptive (Combined Hormonal Contraceptives [CHC] or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024

Contraceptive Use in the 12 Months Following First Index Contraceptive [Not Including the Index]	Number	Percent
Any Combined Hormonal Contraceptives (CHC)	6,133	21.3%
Oral CHC	5,184	18.0%
Patch CHC	665	2.3%
Ring CHC	478	1.7%
Any CHC (2 code days)	3,991	13.8%
Oral CHC (2 code days)	3,275	11.4%
Patch CHC (2 code days)	423	1.5%
Ring CHC (2 code days)	308	1.1%
Any Progestin-Only Contraceptives (POC)	26,195	90.9%
Non-oral POC	25,539	88.6%
Oral POC	1,292	4.5%
Any POC (2 code days)	18,193	63.1%
Non-oral POC (2 code days)	17,528	60.8%
Oral POC (2 code days)	647	2.2%
No CHC use	22,695	78.7%
No POC use	2,633	9.1%
Drosperinone Use on Same Day as First Index Contraceptive		
Drosperinone	0	0.0%

¹Livebirth or stillbirth delivery was required to be observed in 6 weeks prior to first dispensing or administration of DMPA.

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

³The list of diagnosis (dx) and procedure (px) codes used to identify each of the pregnancy outcomes do not overlap. For example, singleton live birth codes are mutually exclusive and do not overlap with the “live and stillbirth Multiple” codes. However, since one person may have more than one qualifying index date and delivery during the study period, the number of pregnancy outcomes is not mutually exclusive. For instance, one person can have a singleton live birth and a multiple stillbirth in later years, and both birth outcomes will be recorded under the specified category.

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

Table 2a. Categorical Summary of First Treatment Episodes for Exposures of Interest in Patients Initiating on Any Combined Hormonal Contraceptive (CHC), Any Progestin Only Contraceptive (POC), and Depot-medroxyprogesterone Acetate (DMPA) POC Within the First Six Weeks After Live or Stillbirth Delivery and With a Subsequent Dispensing or Administration for Any Contraceptive (CHC or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024

	Number of Patients by First Treatment Episode Duration								
	0-29 Days			30-60 Days		61-90 Days		91-120 Days	
	Total Number of Patients	Number of Patients	Percent of Total Patients	Number of Patients	Percent of Total Patients	Number of Patients	Percent of Total Patients	Number of Patients	Percent of Total Patients
Any combined hormonal contraceptives (CHC)	74,225	29,113	39.2%	9,109	12.3%	12,136	16.4%	3,684	5.0%
Any Progestin-only contraceptives (POCs)	194,058	80,109	41.3%	19,498	10.0%	43,609	22.5%	6,058	3.1%
Progestin-only contraceptives (POCs) - Depot-medroxyprogesterone Acetate (DMPA) only	28,828	3,970	13.8%	732	2.5%	13,873	48.1%	117	0.4%

Table 2a. Categorical Summary of First Treatment Episodes for Exposures of Interest in Patients Initiating on Any Combined Hormonal Contraceptive (CHC), Any Progestin Only Contraceptive (POC), and Depot-medroxyprogesterone Acetate (DMPA) POC Within the First Six Weeks After Live or Stillbirth Delivery and With a Subsequent Dispensing or Administration for Any Contraceptive (CHC or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024

	Number of Patients by First Treatment Episode Duration					
	121-150 Days		151-180 Days		181+ Days	
	Number of Patients	Percent of Total Patients	Number of Patients	Percent of Total Patients	Number of Patients	Percent of Total Patients
<i>Any combined hormonal contraceptives (CHC)</i>	1,925	2.6%	4,158	5.6%	14,100	19.0%
<i>Any Progestin-only contraceptives (POCs)</i>	3,363	1.7%	14,144	7.3%	27,277	14.1%
<i>Progestin-only contraceptives (POCs) - Depot-medroxyprogesterone Acetate (DMPA) only</i>	23	0.1%	4,230	14.7%	5,883	20.4%

Table 2b. Categorical Summary of First Treatment Episodes for Exposures of Interest in Patients Initiating on Any Combined Hormonal Contraceptive (CHC), Any Progestin Only Contraceptive (POC), and Depot-medroxyprogesterone Acetate (DMPA) POC Within the First Six Weeks After Live or Stillbirth Delivery and With a Subsequent Dispensing or Administration for Any Contraceptive (CHC or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024, by Census Bureau Region¹

	Total Number of Patients	Number of Patients by First Treatment Episode Duration							
		0-29 Days		30-60 Days		61-90 Days		91-120 Days	
		Number of Patients	Percent of Total Patients in each region	Number of Patients	Percent of Total Patients in each region	Number of Patients	Percent of Total Patients in each region	Number of Patients	Percent of Total Patients in each region
<i>Any combined hormonal contraceptives (CHC)</i>	74,225								
Northeast	11,696	4,732	40.5%	1,508	12.9%	1,802	15.4%	572	4.9%
Midwest	22,219	9,256	41.7%	2,770	12.5%	3,320	14.9%	1,184	5.3%
South	23,668	9,835	41.6%	2,965	12.5%	3,470	14.7%	1,148	4.9%
West	16,538	5,248	31.7%	1,858	11.2%	3,529	21.3%	772	4.7%
<i>Any Progestin-only contraceptives (POCs)</i>	194,058								
Northeast	36,060	14,997	41.6%	3,928	10.9%	7,855	21.8%	1,103	3.1%
Midwest	50,011	22,397	44.8%	4,852	9.7%	10,441	20.9%	1,581	3.2%
South	58,276	22,553	38.7%	5,762	9.9%	13,651	23.4%	1,759	3.0%
West	49,399	20,010	40.5%	4,912	9.9%	11,610	23.5%	1,605	3.2%
<i>Progestin-only contraceptives (POCs) - Depot-medroxyprogesterone Acetate (DMPA) only</i>	28,828								
Northeast	5,782	162	2.8%	129	2.2%	3250	56.2%	*****	*****
Midwest	7,836	1,506	19.2%	147	1.9%	3488	44.5%	*****	*****
South	10,651	1,480	13.9%	207	1.9%	5127	48.1%	*****	*****
West	4,521	809	17.9%	247	5.5%	1992	44.1%	*****	*****

¹Region counts will not sum to total since some episodes are missing zip codes and Census Bureau Region could not be determined.

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

Table 2b. Categorical Summary of First Treatment Episodes for Exposures of Interest in Patients Initiating on Any Combined Hormonal Contraceptive (CHC), Any Progestin Only Contraceptive (POC), and Depot-medroxyprogesterone Acetate (DMPA) POC Within the First Six Weeks After Live or Stillbirth Delivery and With a Subsequent Dispensing or Administration for Any Contraceptive (CHC or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024, by Census Bureau Region¹

	Total Number of Patients	Number of Patients by First Treatment Episode Duration					
		121-150 Days		151-180 Days		181+ Days	
		Number of Patients	Percent of Total Patients in each region	Number of Patients	Percent of Total Patients in each region	Number of Patients	Percent of Total Patients in each region
<i>Any combined hormonal contraceptives (CHC)</i>	74,225						
Northeast	11,696	309	2.6%	586	5.0%	2,187	18.7%
Midwest	22,219	593	2.7%	1,092	4.9%	4,004	18.0%
South	23,668	621	2.6%	1,186	5.0%	4,443	18.8%
West	16,538	401	2.4%	1,285	7.8%	3,445	20.8%
<i>Any Progestin-only contraceptives (POCs)</i>	194,058						
Northeast	36,060	577	1.6%	2,605	7.2%	4,995	13.9%
Midwest	50,011	860	1.7%	3,259	6.5%	6,621	13.2%
South	58,276	1,072	1.8%	4,607	7.9%	8,872	15.2%
West	49,399	848	1.7%	3,658	7.4%	6,756	13.7%
<i>Progestin-only contraceptives (POCs) - Depot-medroxyprogesterone Acetate (DMPA) only</i>	28,828						
Northeast	5,782	*****	*****	919	15.9%	1289	22.3%
Midwest	7,836	*****	*****	1119	14.3%	1536	19.6%
South	10,651	*****	*****	1586	14.9%	2209	20.7%
West	4,521	*****	*****	604	13.4%	844	18.7%

¹Region counts will not sum to total since some episodes are missing zip codes and Census Bureau Region could not be determined.

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

cder_mpl1r_wp248

Table 2c. Categorical Summary of First Treatment Episodes for Exposures of Interest in Patients Initiating on Any Combined Hormonal Contraceptive (CHC), Any Progestin Only Contraceptive (POC), and Depot-medroxyprogesterone Acetate (DMPA) POC Within the First Six Weeks After Live or Stillbirth Delivery and With a Subsequent Dispensing or Administration for Any Contraceptive (CHC or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024, by Census Bureau Region¹ and Year

			Number of Patients by First Treatment Episode Duration							
			0-29 Days		30-60 Days		61-90 Days		91-120 Days	
			Percent of		Percent of		Percent of		Percent of	
			Total		Total		Total		Total	
			Patients in		Patients in		Patients in		Patients in	
			each		each		each		each	
			region and		region and		region and		region and	
			Year		Year		Year		Year	
			Number of	Percent of	Number of	Percent of	Number of	Percent of	Number of	Percent of
			Patients	Patients	Patients	Patients	Patients	Patients	Patients	Patients
<i>Any combined hormonal contraceptives (CHC)</i>			74,225							
South										
2012	1,378	5.8%	712	51.7%	187	13.6%	124	9.0%	65	4.7%
2013	1,240	5.2%	584	47.1%	130	10.5%	154	12.4%	65	5.2%
2014	1,448	6.1%	696	48.1%	172	11.9%	172	11.9%	68	4.7%
2015	1,931	8.2%	916	47.4%	243	12.6%	236	12.2%	108	5.6%
2016	2,221	9.4%	1,076	48.4%	254	11.4%	264	11.9%	116	5.2%
2017	3,071	13.0%	1,372	44.7%	425	13.8%	373	12.1%	142	4.6%
2018	3,299	13.9%	1,409	42.7%	445	13.5%	437	13.2%	171	5.2%
2019	3,003	12.7%	1,191	39.7%	382	12.7%	489	16.3%	130	4.3%
2020	3,738	15.8%	1,312	35.1%	523	14.0%	674	18.0%	180	4.8%
2021	1,212	5.1%	312	25.7%	105	8.7%	275	22.7%	57	4.7%
2022	951	4.0%	219	23.0%	*****	*****	225	23.7%	*****	*****
2023	176	0.7%	36	20.5%	*****	*****	47	26.7%	*****	*****

				Number of Patients by First Treatment Episode Duration							
				0-29 Days		30-60 Days		61-90 Days		91-120 Days	
				Percent of		Percent of		Percent of		Percent of	
				Total		Total		Total		Total	
Total		Percent of	Patients in		Patients in		Patients in		Patients in		
Number		Total	each		each		each		each		
of Patients		Number	Number of	region and	Number of	region and	Number of	region and	Number of	region and	
		of Patients	Patients	Year	Patients	Year	Patients	Year	Patients	Year	
Any combined hormonal contraceptives (CHC)		74,225									
West											
2012	283	1.7%	126	44.5%	36	12.7%	39	13.8%	12	4.2%	
2013	321	1.9%	133	41.4%	43	13.4%	37	11.5%	21	6.5%	
2014	420	2.5%	179	42.6%	45	10.7%	55	13.1%	26	6.2%	
2015	671	4.1%	278	41.4%	85	12.7%	106	15.8%	29	4.3%	
2016	1,452	8.8%	646	44.5%	183	12.6%	207	14.3%	78	5.4%	
2017	3,349	20.3%	1,155	34.5%	406	12.1%	699	20.9%	143	4.3%	
2018	3,359	20.3%	1,060	31.6%	394	11.7%	741	22.1%	156	4.6%	
2019	3,067	18.5%	832	27.1%	342	11.2%	707	23.1%	153	5.0%	
2020	3,054	18.5%	744	24.4%	273	8.9%	786	25.7%	122	4.0%	
2021	282	1.7%	47	16.7%	29	10.3%	78	27.7%	*****	*****	
2022	242	1.5%	*****	*****	*****	*****	57	23.6%	*****	*****	
2023	38	0.2%	*****	*****	*****	*****	17	44.7%	*****	*****	

cder_mpl1r_wp248

cder_mpl1r_wp248

cder_mpl1r_wp248

Table 2c. Categorical Summary of First Treatment Episodes for Exposures of Interest in Patients Initiating on Any Combined Hormonal Contraceptive (CHC), Any Progestin Only Contraceptive (POC), and Depot-medroxyprogesterone Acetate (DMPA) POC Within the First Six Weeks After Live or Stillbirth Delivery and With a Subsequent Dispensing or Administration for Any Contraceptive (CHC or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024, by Census Bureau Region¹ and Year

			Number of Patients by First Treatment Episode Duration							
			0-29 Days		30-60 Days		61-90 Days		91-120 Days	
			Percent of Total Patients in each region and Year		Percent of Total Patients in each region and Year		Percent of Total Patients in each region and Year		Percent of Total Patients in each region and Year	
			Total Number of Patients	Percent of Total	Total Number of Patients	Percent of Total	Total Number of Patients	Percent of Total	Total Number of Patients	Percent of Total
<i>Progestin-only contraceptives (POCs) - Depot-medroxyprogesterone Acetate (DMPA) only</i>			28,828							
Northeast										
2012	116	2.0%	24	20.7%	*****	*****	60	51.7%	0	0.0%
2013	106	1.8%	*****	*****	*****	*****	59	55.7%	0	0.0%
2014	132	2.3%	*****	*****	*****	*****	59	44.7%	0	0.0%
2015	151	2.6%	*****	*****	*****	*****	84	55.6%	*****	*****
2016	205	3.5%	*****	*****	*****	*****	117	57.1%	*****	*****
2017	1,259	21.8%	28	2.2%	*****	*****	690	54.8%	*****	*****
2018	1,284	22.2%	27	2.1%	30	2.3%	766	59.7%	*****	*****
2019	1,279	22.1%	*****	*****	30	2.3%	754	59.0%	*****	*****
2020	1,115	19.3%	*****	*****	17	1.5%	599	53.7%	*****	*****
2021	65	1.1%	*****	*****	0	0.0%	29	44.6%	0	0.0%
2022	*****	*****	*****	*****	*****	*****	*****	*****	0	0.0%
2023	*****	*****	*****	*****	0	0	*****	*****	0	0

Table 2c. Categorical Summary of First Treatment Episodes for Exposures of Interest in Patients Initiating on Any Combined Hormonal Contraceptive (CHC), Any Progestin Only Contraceptive (POC), and Depot-medroxyprogesterone Acetate (DMPA) POC Within the First Six Weeks After Live or Stillbirth Delivery and With a Subsequent Dispensing or Administration for Any Contraceptive (CHC or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024, by Census Bureau Region¹ and Year

			Number of Patients by First Treatment Episode Duration							
			0-29 Days		30-60 Days		61-90 Days		91-120 Days	
			Percent of Total Patients in each region and Year		Percent of Total Patients in each region and Year		Percent of Total Patients in each region and Year		Percent of Total Patients in each region and Year	
			Total Number of Patients	Percent of Total	Total Number of Patients	Percent of Total	Total Number of Patients	Percent of Total	Total Number of Patients	Percent of Total
<i>Progestin-only contraceptives (POCs) - Depot-medroxyprogesterone Acetate (DMPA) only</i>			28,828							
Midwest										
2012	300	3.8%	196	65.3%	*****	*****	57	19.0%	*****	*****
2013	216	2.8%	68	31.5%	*****	*****	80	37.0%	*****	*****
2014	225	2.9%	71	31.6%	*****	*****	64	28.4%	0	0.0%
2015	274	3.5%	81	29.6%	*****	*****	96	35.0%	*****	*****
2016	840	10.7%	107	12.7%	*****	*****	370	44.0%	*****	*****
2017	959	12.2%	158	16.5%	*****	*****	446	46.5%	*****	*****
2018	1,649	21.0%	169	10.2%	*****	*****	861	52.2%	*****	*****
2019	1,534	19.6%	220	14.3%	*****	*****	762	49.7%	*****	*****
2020	1,472	18.8%	223	15.1%	*****	*****	677	46.0%	*****	*****
2021	181	2.3%	103	56.9%	0	0.0%	35	19.3%	0	0.0%
2022	159	2.0%	94	59.1%	0	0.0%	*****	*****	*****	*****
2023	27	0.3%	16	59.3%	0	0.0%	*****	*****	0	0.0%

Table 2c. Categorical Summary of First Treatment Episodes for Exposures of Interest in Patients Initiating on Any Combined Hormonal Contraceptive (CHC), Any Progestin Only Contraceptive (POC), and Depot-medroxyprogesterone Acetate (DMPA) POC Within the First Six Weeks After Live or Stillbirth Delivery and With a Subsequent Dispensing or Administration for Any Contraceptive (CHC or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024, by Census Bureau Region¹ and Year

			Number of Patients by First Treatment Episode Duration							
			0-29 Days		30-60 Days		61-90 Days		91-120 Days	
			Percent of Total Patients in each region and Year		Percent of Total Patients in each region and Year		Percent of Total Patients in each region and Year		Percent of Total Patients in each region and Year	
			Total Number of Patients	Percent of Total	Total Number of Patients	Percent of Total	Total Number of Patients	Percent of Total	Total Number of Patients	Percent of Total
<i>Progestin-only contraceptives (POCs) - Depot-medroxyprogesterone Acetate (DMPA) only South</i>			28,828							
2012	501	4.7%	232	46.3%	*****	*****	145	28.9%	*****	*****
2013	398	3.7%	98	24.6%	*****	*****	165	41.5%	*****	*****
2014	501	4.7%	152	30.3%	*****	*****	190	37.9%	*****	*****
2015	1,018	9.6%	141	13.9%	*****	*****	481	47.2%	*****	*****
2016	773	7.3%	149	19.3%	*****	*****	327	42.3%	*****	*****
2017	1,441	13.5%	135	9.4%	*****	*****	781	54.2%	*****	*****
2018	1,619	15.2%	127	7.8%	*****	*****	861	53.2%	*****	*****
2019	1,664	15.6%	130	7.8%	*****	*****	869	52.2%	*****	*****
2020	2,058	19.3%	121	5.9%	*****	*****	1,078	52.4%	*****	*****
2021	335	3.1%	*****	*****	*****	*****	117	34.9%	0	0.0%
2022	305	2.9%	94	30.8%	*****	*****	100	32.8%	0	0.0%
2023	38	0.4%	*****	*****	0	0.0%	13	34.2%	0	0.0%

Table 2c. Categorical Summary of First Treatment Episodes for Exposures of Interest in Patients Initiating on Any Combined Hormonal Contraceptive (CHC), Any Progestin Only Contraceptive (POC), and Depot-medroxyprogesterone Acetate (DMPA) POC Within the First Six Weeks After Live or Stillbirth Delivery and With a Subsequent Dispensing or Administration for Any Contraceptive (CHC or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024, by Census Bureau Region¹ and Year

			Number of Patients by First Treatment Episode Duration							
			0-29 Days		30-60 Days		61-90 Days		91-120 Days	
			Percent of Total Patients in each region and Year		Percent of Total Patients in each region and Year		Percent of Total Patients in each region and Year		Percent of Total Patients in each region and Year	
			Total Number of Patients	Percent of Total	Total Number of Patients	Percent of Total	Total Number of Patients	Percent of Total	Total Number of Patients	Percent of Total
<i>Progestin-only contraceptives (POCs) - Depot-medroxyprogesterone Acetate (DMPA) only West</i>			28,828							
2012	114	2.5%	91	79.8%	*****	*****	*****	*****	0	0.0%
2013	*****	*****	50	60.2%	*****	*****	19	22.9%	0	0.0%
2014	101	2.2%	60	59.4%	*****	*****	18	17.8%	0	0.0%
2015	170	3.8%	74	43.5%	*****	*****	50	29.4%	0	0.0%
2016	550	12.2%	77	14.0%	*****	*****	286	52.0%	*****	*****
2017	895	19.8%	79	8.8%	*****	*****	453	50.6%	*****	*****
2018	857	19.0%	84	9.8%	*****	*****	435	50.8%	*****	*****
2019	834	18.4%	87	10.4%	*****	*****	372	44.6%	*****	*****
2020	713	15.8%	84	11.8%	*****	*****	310	43.5%	*****	*****
2021	104	2.3%	68	65.4%	0	0.0%	18	17.3%	0	0.0%
2022	90	2.0%	*****	*****	0	0.0%	17	18.9%	0	0.0%
2023	*****	*****	*****	*****	*****	*****	*****	*****	0	0.0%

¹Region counts will not sum to total since some episodes are missing zip codes and Census Bureau Region could not be determined.

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

Table 2c. Categorical Summary of First Treatment Episodes for Exposures of Interest in Patients Initiating on Any Combined Hormonal Contraceptive (CHC), Any Progestin Only Contraceptive (POC), and Depot-medroxyprogesterone Acetate (DMPA) POC Within the First Six Weeks After Live or Stillbirth Delivery and With a Subsequent Dispensing or Administration for Any Contraceptive (CHC or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024, by Census Bureau Region¹ and Year

			121-150 Days		151-180 Days		181+ Days	
			Percent of Total Patients in Each Region and Year		Percent of Total Patients in Each Region and Year		Percent of Total Patients in Each Region and Year	
	Total Number of Patients	Percent of Total Number of Patients	Number of Patients		Number of Patients		Number of Patients	
<i>Any combined hormonal contraceptives (CHC)</i>	74,225							
Northeast								
2012	373	3.2%	*****	*****	14	3.8%	75	20.1%
2013	328	2.8%	*****	*****	*****	*****	71	21.6%
2014	413	3.5%	15	3.6%	16	3.9%	75	18.2%
2015	478	4.1%	15	3.1%	21	4.4%	117	24.5%
2016	527	4.5%	11	2.1%	21	4.0%	110	20.9%
2017	2,372	20.3%	60	2.5%	95	4.0%	358	15.1%
2018	2,111	18.0%	62	2.9%	93	4.4%	329	15.6%
2019	2,228	19.0%	54	2.4%	89	4.0%	384	17.2%
2020	2,198	18.8%	63	2.9%	157	7.1%	438	19.9%
2021	339	2.9%	*****	*****	34	10.0%	115	33.9%
2022	290	2.5%	*****	*****	35	12.1%	101	34.8%
2023	39	0.3%	*****	*****	*****	*****	14	35.9%

Table 2c. Categorical Summary of First Treatment Episodes for Exposures of Interest in Patients Initiating on Any Combined Hormonal Contraceptive (CHC), Any Progestin Only Contraceptive (POC), and Depot-medroxyprogesterone Acetate (DMPA) POC Within the First Six Weeks After Live or Stillbirth Delivery and With a Subsequent Dispensing or Administration for Any Contraceptive (CHC or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024, by Census Bureau Region¹ and Year

			121-150 Days		151-180 Days		181+ Days	
			Percent of Total Patients in Each Region and Year		Percent of Total Patients in Each Region and Year		Percent of Total Patients in Each Region and Year	
	Total Number of Patients	Percent of Total Number of Patients	Number of Patients		Number of Patients		Number of Patients	
<i>Any combined hormonal contraceptives (CHC)</i>	74,225							
Midwest								
2012	947	4.3%	*****	*****	*****	*****	186	19.6%
2013	956	4.3%	26	2.7%	46	4.8%	183	19.1%
2014	1,030	4.6%	32	3.1%	39	3.8%	216	21.0%
2015	1,030	4.6%	19	1.8%	50	4.9%	223	21.7%
2016	2,544	11.4%	65	2.6%	71	2.8%	355	14.0%
2017	2,987	13.4%	80	2.7%	120	4.0%	484	16.2%
2018	4,140	18.6%	121	2.9%	196	4.7%	680	16.4%
2019	3,682	16.6%	87	2.4%	162	4.4%	616	16.7%
2020	3,675	16.5%	106	2.9%	269	7.3%	690	18.8%
2021	653	2.9%	18	2.8%	56	8.6%	195	29.9%
2022	504	2.3%	*****	*****	40	7.9%	155	30.8%
2023	71	0.3%	*****	*****	*****	*****	21	29.6%

Table 2c. Categorical Summary of First Treatment Episodes for Exposures of Interest in Patients Initiating on Any Combined Hormonal Contraceptive (CHC), Any Progestin Only Contraceptive (POC), and Depot-medroxyprogesterone Acetate (DMPA) POC Within the First Six Weeks After Live or Stillbirth Delivery and With a Subsequent Dispensing or Administration for Any Contraceptive (CHC or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024, by Census Bureau Region¹ and Year

			121-150 Days		151-180 Days		181+ Days	
			Percent of Total Patients in Each Region and Year		Percent of Total Patients in Each Region and Year		Percent of Total Patients in Each Region and Year	
	Total Number of Patients	Percent of Total Number of Patients	Number of Patients		Number of Patients		Number of Patients	
<i>Any combined hormonal contraceptives (CHC)</i>	74,225							
South								
2012	1,378	5.8%	34	2.5%	36	2.6%	220	16.0%
2013	1,240	5.2%	40	3.2%	51	4.1%	216	17.4%
2014	1,448	6.1%	33	2.3%	66	4.6%	241	16.6%
2015	1,931	8.2%	49	2.5%	61	3.2%	318	16.5%
2016	2,221	9.4%	58	2.6%	82	3.7%	371	16.7%
2017	3,071	13.0%	92	3.0%	118	3.8%	549	17.9%
2018	3,299	13.9%	71	2.2%	136	4.1%	630	19.1%
2019	3,003	12.7%	91	3.0%	174	5.8%	546	18.2%
2020	3,738	15.8%	98	2.6%	241	6.4%	710	19.0%
2021	1,212	5.1%	29	2.4%	108	8.9%	326	26.9%
2022	951	4.0%	*****	*****	92	9.7%	267	28.1%
2023	176	0.7%	*****	*****	21	11.9%	49	27.8%

Table 2c. Categorical Summary of First Treatment Episodes for Exposures of Interest in Patients Initiating on Any Combined Hormonal Contraceptive (CHC), Any Progestin Only Contraceptive (POC), and Depot-medroxyprogesterone Acetate (DMPA) POC Within the First Six Weeks After Live or Stillbirth Delivery and With a Subsequent Dispensing or Administration for Any Contraceptive (CHC or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024, by Census Bureau Region¹ and Year

			121-150 Days		151-180 Days		181+ Days	
			Percent of Total Patients in Each Region and Year		Percent of Total Patients in Each Region and Year		Percent of Total Patients in Each Region and Year	
	Total Number of Patients	Percent of Total Number of Patients	Number of Patients		Number of Patients		Number of Patients	
<i>Any combined hormonal contraceptives (CHC)</i>	74,225							
West								
2012	283	1.7%	*****	*****	13	4.6%	*****	*****
2013	321	1.9%	*****	*****	*****	*****	60	18.7%
2014	420	2.5%	*****	*****	*****	*****	89	21.2%
2015	671	4.1%	14	2.1%	34	5.1%	125	18.6%
2016	1,452	8.8%	36	2.5%	64	4.4%	238	16.4%
2017	3,349	20.3%	89	2.7%	220	6.6%	637	19.0%
2018	3,359	20.3%	72	2.1%	265	7.9%	671	20.0%
2019	3,067	18.5%	71	2.3%	277	9.0%	685	22.3%
2020	3,054	18.5%	78	2.6%	331	10.8%	720	23.6%
2021	282	1.7%	*****	*****	23	8.2%	81	28.7%
2022	242	1.5%	*****	*****	24	9.9%	87	36.0%
2023	38	0.2%	0	0	*****	*****	*****	*****

Table 2c. Categorical Summary of First Treatment Episodes for Exposures of Interest in Patients Initiating on Any Combined Hormonal Contraceptive (CHC), Any Progestin Only Contraceptive (POC), and Depot-medroxyprogesterone Acetate (DMPA) POC Within the First Six Weeks After Live or Stillbirth Delivery and With a Subsequent Dispensing or Administration for Any Contraceptive (CHC or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024, by Census Bureau Region¹ and Year

			121-150 Days		151-180 Days		181+ Days	
			Percent of Total Patients in Each Region and Year		Percent of Total Patients in Each Region and Year		Percent of Total Patients in Each Region and Year	
	Total Number of Patients	Percent of Total Number of Patients	Number of Patients		Number of Patients		Number of Patients	
<i>Any Progestin-only contraceptives (POCs)</i>								
Northeast								
2012	985	2.7%	23	2.3%	67	6.8%	120	12.2%
2013	1,038	2.9%	22	2.1%	72	6.9%	146	14.1%
2014	1,181	3.3%	18	1.5%	58	4.9%	183	15.5%
2015	1,364	3.8%	38	2.8%	75	5.5%	200	14.7%
2016	1,690	4.7%	27	1.6%	89	5.3%	239	14.1%
2017	6,682	18.5%	121	1.8%	410	6.1%	822	12.3%
2018	6,767	18.8%	108	1.6%	469	6.9%	829	12.3%
2019	7,098	19.7%	105	1.5%	452	6.4%	955	13.5%
2020	6,947	19.3%	85	1.2%	633	9.1%	1,029	14.8%
2021	1,092	3.0%	13	1.2%	150	13.7%	224	20.5%
2022	1,006	2.8%	*****	*****	112	11.1%	206	20.5%
2023	210	0.6%	*****	*****	18	8.6%	42	20.0%

Table 2c. Categorical Summary of First Treatment Episodes for Exposures of Interest in Patients Initiating on Any Combined Hormonal Contraceptive (CHC), Any Progestin Only Contraceptive (POC), and Depot-medroxyprogesterone Acetate (DMPA) POC Within the First Six Weeks After Live or Stillbirth Delivery and With a Subsequent Dispensing or Administration for Any Contraceptive (CHC or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024, by Census Bureau Region¹ and Year

			121-150 Days		151-180 Days		181+ Days	
			Percent of Total Patients in Each Region and Year		Percent of Total Patients in Each Region and Year		Percent of Total Patients in Each Region and Year	
	Total Number of Patients	Percent of Total Number of Patients	Number of Patients		Number of Patients		Number of Patients	
<i>Any Progestin-only contraceptives (POCs)</i>								
Midwest								
	194,058							
2012	2,412	4.8%	64	2.7%	116	4.8%	246	10.2%
2013	2,395	4.8%	58	2.4%	130	5.4%	313	13.1%
2014	2,574	5.1%	61	2.4%	133	5.2%	334	13.0%
2015	2,882	5.8%	64	2.2%	165	5.7%	433	15.0%
2016	5,369	10.7%	102	1.9%	295	5.5%	678	12.6%
2017	6,217	12.4%	101	1.6%	359	5.8%	811	13.0%
2018	8,491	17.0%	129	1.5%	519	6.1%	1,060	12.5%
2019	7,936	15.9%	107	1.3%	486	6.1%	982	12.4%
2020	7,926	15.8%	108	1.4%	684	8.6%	1,039	13.1%
2021	1,899	3.8%	*****	*****	190	10.0%	355	18.7%
2022	1,692	3.4%	31	1.8%	168	9.9%	332	19.6%
2023	218	0.4%	*****	*****	14	6.4%	38	17.4%

Table 2c. Categorical Summary of First Treatment Episodes for Exposures of Interest in Patients Initiating on Any Combined Hormonal Contraceptive (CHC), Any Progestin Only Contraceptive (POC), and Depot-medroxyprogesterone Acetate (DMPA) POC Within the First Six Weeks After Live or Stillbirth Delivery and With a Subsequent Dispensing or Administration for Any Contraceptive (CHC or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024, by Census Bureau Region¹ and Year

			121-150 Days		151-180 Days		181+ Days	
			Percent of Total Patients in Each Region and Year		Percent of Total Patients in Each Region and Year		Percent of Total Patients in Each Region and Year	
	Total Number of Patients	Percent of Total Number of Patients	Number of Patients		Number of Patients		Number of Patients	
<i>Any Progestin-only contraceptives (POCs)</i>								
South								
	194,058							
2012	3,503	6.0%	71	2.0%	171	4.9%	341	9.7%
2013	3,299	5.7%	92	2.8%	171	5.2%	379	11.5%
2014	3,911	6.7%	91	2.3%	224	5.7%	423	10.8%
2015	5,244	9.0%	103	2.0%	333	6.4%	669	12.8%
2016	5,513	9.5%	121	2.2%	325	5.9%	710	12.9%
2017	7,083	12.2%	144	2.0%	499	7.0%	1,087	15.3%
2018	7,244	12.4%	127	1.8%	617	8.5%	1,223	16.9%
2019	7,158	12.3%	109	1.5%	653	9.1%	1,198	16.7%
2020	8,577	14.7%	118	1.4%	820	9.6%	1,532	17.9%
2021	3,262	5.6%	51	1.6%	377	11.6%	653	20.0%
2022	3,018	5.2%	*****	*****	361	12.0%	577	19.1%
2023	464	0.8%	*****	*****	56	12.1%	80	17.2%

Table 2c. Categorical Summary of First Treatment Episodes for Exposures of Interest in Patients Initiating on Any Combined Hormonal Contraceptive (CHC), Any Progestin Only Contraceptive (POC), and Depot-medroxyprogesterone Acetate (DMPA) POC Within the First Six Weeks After Live or Stillbirth Delivery and With a Subsequent Dispensing or Administration for Any Contraceptive (CHC or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024, by Census Bureau Region¹ and Year

			121-150 Days		151-180 Days		181+ Days	
			Percent of Total Patients in Each Region and Year		Percent of Total Patients in Each Region and Year		Percent of Total Patients in Each Region and Year	
	Total Number of Patients	Percent of Total Number of Patients	Number of Patients		Number of Patients		Number of Patients	
<i>Any Progestin-only contraceptives (POCs)</i>								
West								
2012	1,540	3.1%	34	2.2%	56	3.6%	175	11.4%
2013	1,537	3.1%	38	2.5%	73	4.7%	158	10.3%
2014	1,887	3.8%	45	2.4%	82	4.3%	240	12.7%
2015	2,503	5.1%	65	2.6%	111	4.4%	289	11.5%
2016	4,593	9.3%	110	2.4%	203	4.4%	479	10.4%
2017	9,170	18.6%	149	1.6%	627	6.8%	1,129	12.3%
2018	8,909	18.0%	136	1.5%	683	7.7%	1,192	13.4%
2019	8,221	16.6%	119	1.4%	681	8.3%	1,198	14.6%
2020	8,194	16.6%	117	1.4%	804	9.8%	1,314	16.0%
2021	1,385	2.8%	19	1.4%	162	11.7%	274	19.8%
2022	1,276	2.6%	*****	*****	156	12.2%	277	21.7%
2023	184	0.4%	*****	*****	20	10.9%	31	16.8%

Table 2c. Categorical Summary of First Treatment Episodes for Exposures of Interest in Patients Initiating on Any Combined Hormonal Contraceptive (CHC), Any Progestin Only Contraceptive (POC), and Depot-medroxyprogesterone Acetate (DMPA) POC Within the First Six Weeks After Live or Stillbirth Delivery and With a Subsequent Dispensing or Administration for Any Contraceptive (CHC or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024, by Census Bureau Region¹ and Year

			121-150 Days		151-180 Days		181+ Days	
				Percent of Total Patients in Each Region and Year		Percent of Total Patients in Each Region and Year		Percent of Total Patients in Each Region and Year
	Total Number of Patients	Percent of Total Number of Patients	Number of Patients		Number of Patients		Number of Patients	
<i>Progestin-only contraceptives (POCs) - Depot-medroxyprogesterone Acetate (DMPA) only</i>								
Northeast	28,828							
2012	116	2.0%	0	0.0%	*****	*****	*****	*****
2013	106	1.8%	0	0.0%	*****	*****	25	23.6%
2014	132	2.3%	0	0.0%	19	14.4%	33	25.0%
2015	151	2.6%	0	0.0%	18	11.9%	37	24.5%
2016	205	3.5%	0	0.0%	27	13.2%	42	20.5%
2017	1,259	21.8%	*****	*****	202	16.0%	303	24.1%
2018	1,284	22.2%	*****	*****	206	16.0%	242	18.8%
2019	1,279	22.1%	*****	*****	200	15.6%	274	21.4%
2020	1,115	19.3%	*****	*****	201	18.0%	284	25.5%
2021	65	1.1%	0	0.0%	*****	*****	*****	*****
2022	*****	*****	0	0.0%	*****	*****	16	26.7%
2023	*****	*****	0	0	0	0	*****	*****

Table 2c. Categorical Summary of First Treatment Episodes for Exposures of Interest in Patients Initiating on Any Combined Hormonal Contraceptive (CHC), Any Progestin Only Contraceptive (POC), and Depot-medroxyprogesterone Acetate (DMPA) POC Within the First Six Weeks After Live or Stillbirth Delivery and With a Subsequent Dispensing or Administration for Any Contraceptive (CHC or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024, by Census Bureau Region¹ and Year

			121-150 Days		151-180 Days		181+ Days	
			Percent of Total Patients in Each Region and Year		Percent of Total Patients in Each Region and Year		Percent of Total Patients in Each Region and Year	
	Total Number of Patients	Percent of Total Number of Patients	Number of Patients		Number of Patients		Number of Patients	
<i>Progestin-only contraceptives (POCs) - Depot-medroxyprogesterone Acetate (DMPA) only</i>								
Midwest	28,828							
2012	300	3.8%	0	0.0%	*****	*****	19	6.3%
2013	216	2.8%	0	0.0%	*****	*****	37	17.1%
2014	225	2.9%	0	0.0%	*****	*****	51	22.7%
2015	274	3.5%	*****	*****	*****	*****	54	19.7%
2016	840	10.7%	*****	*****	149	17.7%	191	22.7%
2017	959	12.2%	0	0.0%	137	14.3%	195	20.3%
2018	1,649	21.0%	*****	*****	235	14.3%	351	21.3%
2019	1,534	19.6%	*****	*****	205	13.4%	299	19.5%
2020	1,472	18.8%	*****	*****	255	17.3%	291	19.8%
2021	181	2.3%	0	0.0%	15	8.3%	28	15.5%
2022	159	2.0%	0	0.0%	*****	*****	*****	*****
2023	27	0.3%	0	0.0%	0	0.0%	*****	*****

Table 2c. Categorical Summary of First Treatment Episodes for Exposures of Interest in Patients Initiating on Any Combined Hormonal Contraceptive (CHC), Any Progestin Only Contraceptive (POC), and Depot-medroxyprogesterone Acetate (DMPA) POC Within the First Six Weeks After Live or Stillbirth Delivery and With a Subsequent Dispensing or Administration for Any Contraceptive (CHC or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024, by Census Bureau Region¹ and Year

			121-150 Days		151-180 Days		181+ Days	
			Percent of Total Patients in Each Region and Year		Percent of Total Patients in Each Region and Year		Percent of Total Patients in Each Region and Year	
	Total Number of Patients	Percent of Total Number of Patients	Number of Patients		Number of Patients		Number of Patients	
<i>Progestin-only contraceptives (POCs) - Depot-medroxyprogesterone Acetate (DMPA) only</i>	28,828							
South								
2012	501	4.7%	0	0.0%	44	8.8%	54	10.8%
2013	398	3.7%	0	0.0%	44	11.1%	74	18.6%
2014	501	4.7%	0	0.0%	67	13.4%	78	15.6%
2015	1,018	9.6%	0	0.0%	140	13.8%	215	21.1%
2016	773	7.3%	*****	*****	119	15.4%	141	18.2%
2017	1,441	13.5%	0	0.0%	207	14.4%	295	20.5%
2018	1,619	15.2%	*****	*****	264	16.3%	343	21.2%
2019	1,664	15.6%	*****	*****	284	17.1%	353	21.2%
2020	2,058	19.3%	0	0.0%	336	16.3%	489	23.8%
2021	335	3.1%	0	0.0%	*****	*****	90	26.9%
2022	305	2.9%	0	0.0%	*****	*****	66	21.6%
2023	38	0.4%	0	0.0%	*****	*****	11	28.9%

Table 2c. Categorical Summary of First Treatment Episodes for Exposures of Interest in Patients Initiating on Any Combined Hormonal Contraceptive (CHC), Any Progestin Only Contraceptive (POC), and Depot-medroxyprogesterone Acetate (DMPA) POC Within the First Six Weeks After Live or Stillbirth Delivery and With a Subsequent Dispensing or Administration for Any Contraceptive (CHC or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024, by Census Bureau Region¹ and Year

			121-150 Days		151-180 Days		181+ Days	
			Percent of Total Patients in Each Region and Year		Percent of Total Patients in Each Region and Year		Percent of Total Patients in Each Region and Year	
	Total Number of Patients	Percent of Total Number of Patients	Number of Patients	Percent of Total Patients in Each Region and Year	Number of Patients	Percent of Total Patients in Each Region and Year	Number of Patients	Percent of Total Patients in Each Region and Year
<i>Progestin-only contraceptives (POCs) - Depot-medroxyprogesterone Acetate (DMPA) only</i>								
West	28,828							
2012	114	2.5%	0	0.0%	*****	*****	*****	*****
2013	*****	*****	0	0.0%	*****	*****	*****	*****
2014	101	2.2%	0	0.0%	*****	*****	*****	*****
2015	170	3.8%	0	0.0%	*****	*****	32	18.8%
2016	550	12.2%	0	0.0%	72	13.1%	71	12.9%
2017	895	19.8%	0	0.0%	123	13.7%	169	18.9%
2018	857	19.0%	*****	*****	112	13.1%	174	20.3%
2019	834	18.4%	0	0.0%	125	15.0%	186	22.3%
2020	713	15.8%	0	0.0%	126	17.7%	162	22.7%
2021	104	2.3%	0	0.0%	*****	*****	*****	*****
2022	90	2.0%	0	0.0%	*****	*****	*****	*****
2023	*****	*****	0	0.0%	0	0.0%	0	0.0%

¹Region counts will not sum to total since some episodes are missing zip codes and Census Bureau Region could not be determined.

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

Table 3a. Continuous Summary of First Treatment Episodes for Exposures of Interest in Patients Initiating on Any Combined Hormonal Contraceptive (CHC), Any Progestin Only Contraceptive (POC), and Depot-medroxyprogesterone Acetate (DMPA) POC Within the First Six Weeks After Live or Stillbirth Delivery and With a Subsequent Dispensing or Administration for Any Contraceptive (CHC or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024

	Total Number of Patients	Distribution of First Treatment Episode Duration, days						Standard Deviation
		Minimum	Q1	Median	Q3	Maximum	Mean	
<i>Any combined hormonal contraceptives (CHC)</i>	74,225	1	28	56	140	4,207	139.0	225.3
<i>Any Progestin-only contraceptives (POCs)</i>	194,058	1	28	56	112	3,946	106.5	146.5
<i>Progestin-only contraceptives (POCs) - Depot-medroxyprogesterone Acetate (DMPA) only</i>	28,828	1	84	90	180	3,946	166.9	216.2

Table 3b. Continuous Summary of First Treatment Episodes for Exposures of Interest in Patients Initiating on Any Combined Hormonal Contraceptive (CHC), Any Progestin Only Contraceptive (POC), and Depot-medroxyprogesterone Acetate (DMPA) POC Within the First Six Weeks After Live or Stillbirth Delivery and With a Subsequent Dispensing or Administration for Any Contraceptive (CHC or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024, by Census Bureau Region¹

2024, by Census Bureau Region		Distribution of First Treatment Episode Duration, days						
	Total Number of Patients	Minimum	Q1	Median	Q3	Maximum	Mean	Standard Deviation
Exposures								
Any combined hormonal contraceptives (CHC)								
	74,225							
Northeast	11,696	1	28	56	140	4050	135.7	616.7
Midwest	22,219	1	28	56	140	3954	131.3	646.3
South	23,668	1	28	56	140	4207	141.1	706.5
West	16,538	1	28	84	168	4206	148.7	654.5
Any Progestin-only contraceptives (POCs)								
	194,058							
Northeast	36,060	1	28	56	112	3063	105.2	666.3
Midwest	50,011	1	28	56	90	3946	100.9	728.2
South	58,276	1	28	84	120	2984	112.8	723.4
West	49,399	1	28	56	112	2799	105.6	783.1
Progestin-only contraceptives (POCs) - Depot-medroxyprogesterone Acetate (DMPA) only								
	28,828							
Northeast	5,782	1	84	90	180	3063	182.7	643.3
Midwest	7,836	1	84	90	180	3946	160.6	688.3
South	10,651	1	84	90	180	2984	167.3	671.7
West	4,521	1	84	90	180	2799	157.2	660.6

¹Region counts will not sum to total since some episodes are missing zip codes and Census Bureau Region could not be determined.

Table 3c. Continuous Summary of First Treatment Episodes for Exposures of Interest in Patients Initiating on Any Combined Hormonal Contraceptive (CHC), Any Progestin Only Contraceptive (POC), and Depot-medroxyprogesterone Acetate (DMPA) POC Within the First Six Weeks After Live or Stillbirth Delivery and With a Subsequent Dispensing or Administration for Any Contraceptive (CHC or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024, by Census Bureau Region¹ and Year

	Total Number of Patients	Distribution of First Treatment Episode Duration, days						
		Minimum	Q1	Median	Q3	Maximum	Mean	Standard Deviation
Exposures								
Any combined hormonal contraceptives (CHC)	74,225							
Northeast	11,696	1	28	56	140	4,050	135.7	539.0
2012	373	21	28	56	140	3,023	156.8	617.6
2013	328	21	28	56	140	4,050	181.8	809.4
2014	413	5	28	56	136	3,498	144.6	515.6
2015	478	21	28	84	168	2,268	165.6	457.4
2016	527	10	28	56	150	2,939	157.7	569.7
2017	2,372	1	28	56	112	2,632	121.4	622.6
2018	2,111	21	28	56	112	2,044	123.3	570.6
2019	2,228	3	28	56	112	1,774	124.0	526.7
2020	2,198	1	28	84	168	1,538	131.0	426.7
2021	339	21	56	90	252	1,229	212.0	414.8
2022	290	21	56	112	252	860	191.9	316.8
2023	39	28	56	99	336	496	178.4	187.2

Table 3c. Continuous Summary of First Treatment Episodes for Exposures of Interest in Patients Initiating on Any Combined Hormonal Contraceptive (CHC), Any Progestin Only Contraceptive (POC), and Depot-medroxyprogesterone Acetate (DMPA) POC Within the First Six Weeks After Live or Stillbirth Delivery and With a Subsequent Dispensing or Administration for Any Contraceptive (CHC or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024, by Census Bureau Region¹ and Year

	Total Number of Patients	Distribution of First Treatment Episode Duration, days						
		Minimum	Q1	Median	Q3	Maximum	Mean	Standard Deviation
Any combined hormonal contraceptives (CHC)	74,225							
Midwest	22,219	1	28	56	140	3,954	131.3	561.3
2012	947	14	28	56	140	2,386	141.7	520.0
2013	956	3	28	56	140	3,954	137.9	541.7
2014	1,030	21	28	56	140	3,360	158.0	641.1
2015	1,030	5	28	56	168	3,013	150.7	539.0
2016	2,544	1	28	28	84	2,918	116.9	651.3
2017	2,987	1	28	56	112	2,473	127.4	649.9
2018	4,140	1	28	56	112	2,014	121.3	580.0
2019	3,682	2	28	56	112	1,911	125.7	570.7
2020	3,675	7	28	84	168	1,579	128.4	487.3
2021	653	21	42	84	252	1,115	187.8	443.4
2022	504	21	50	84	252	778	169.0	312.4
2023	71	21	56	84	252	509	161.6	205.7

Table 3c. Continuous Summary of First Treatment Episodes for Exposures of Interest in Patients Initiating on Any Combined Hormonal Contraceptive (CHC), Any Progestin Only Contraceptive (POC), and Depot-medroxyprogesterone Acetate (DMPA) POC Within the First Six Weeks After Live or Stillbirth Delivery and With a Subsequent Dispensing or Administration for Any Contraceptive (CHC or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024, by Census Bureau Region¹ and Year

	Total Number of Patients	Distribution of First Treatment Episode Duration, days						
		Minimum	Q1	Median	Q3	Maximum	Mean	Standard Deviation
<i>Any combined hormonal contraceptives (CHC)</i>	74,225							
South	23,668	1	28	56	140	4,207	141.1	614.2
2012	1,378	1	28	28	91	4,207	123.8	661.7
2013	1,240	14	28	56	112	3,907	132.3	592.4
2014	1,448	3	28	48	112	3,398	134.8	637.4
2015	1,931	14	28	56	112	3,216	133.2	703.5
2016	2,221	20	28	49	112	2,923	139.9	717.1
2017	3,071	12	28	56	112	2,622	150.7	778.4
2018	3,299	4	28	56	140	2,173	138.6	597.9
2019	3,003	1	28	56	140	1,866	141.9	603.5
2020	3,738	1	28	63	168	1,533	133.6	511.1
2021	1,212	7	28	84	224	1,135	173.3	426.1
2022	951	21	56	84	252	804	167.4	356.1
2023	176	21	56	84	252	481	155.5	233.8

Table 3c. Continuous Summary of First Treatment Episodes for Exposures of Interest in Patients Initiating on Any Combined Hormonal Contraceptive (CHC), Any Progestin Only Contraceptive (POC), and Depot-medroxyprogesterone Acetate (DMPA) POC Within the First Six Weeks After Live or Stillbirth Delivery and With a Subsequent Dispensing or Administration for Any Contraceptive (CHC or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024, by Census Bureau Region¹ and Year

	Total Number of Patients	Distribution of First Treatment Episode Duration, days						
		Minimum	Q1	Median	Q3	Maximum	Mean	Standard Deviation
<i>Any combined hormonal contraceptives (CHC)</i>	74,225							
West	16,538	1	28	84	168	4,206	148.7	568.7
2012	283	14	28	56	119	4,206	127.5	545.5
2013	321	21	28	56	140	2,817	138.0	458.8
2014	420	7	28	56	168	1,736	130.3	366.6
2015	671	21	28	56	140	3,148	136.0	477.2
2016	1,452	1	28	56	112	2,786	124.7	615.1
2017	3,349	1	28	84	168	2,321	147.3	735.6
2018	3,359	14	28	84	168	1,648	147.5	651.8
2019	3,067	20	28	84	168	1,669	160.3	599.2
2020	3,054	7	42	84	168	1,428	152.8	464.3
2021	282	21	56	84	224	983	182.6	341.1
2022	242	21	56	95	336	832	202.6	310.9
2023	38	28	84	84	119	538	129.9	187.2

Table 3c. Continuous Summary of First Treatment Episodes for Exposures of Interest in Patients Initiating on Any Combined Hormonal Contraceptive (CHC), Any Progestin Only Contraceptive (POC), and Depot-medroxyprogesterone Acetate (DMPA) POC Within the First Six Weeks After Live or Stillbirth Delivery and With a Subsequent Dispensing or Administration for Any Contraceptive (CHC or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024, by Census Bureau Region¹ and Year

	Total Number of Patients	Distribution of First Treatment Episode Duration, days						
		Minimum	Q1	Median	Q3	Maximum	Mean	Standard Deviation
<i>Any Progestin-only contraceptives (POCs)</i>	194,058							
Northeast	36,060	1	28	56	112	3,063	105.2	563.1
2012	985	1	28	56	90	1,458	95.5	409.1
2013	1,038	1	28	56	112	2,196	102.6	417.3
2014	1,181	1	28	56	90	2,280	105.6	446.1
2015	1,364	1	28	56	112	2,160	105.1	451.2
2016	1,690	1	28	56	90	3,063	105.7	586.7
2017	6,682	1	28	56	90	2,442	99.9	683.8
2018	6,767	1	28	56	90	2,216	99.2	637.7
2019	7,098	1	28	56	90	1,768	104.1	652.7
2020	6,947	1	28	84	140	1,506	108.5	541.8
2021	1,092	1	28	84	168	1,071	139.6	437.1
2022	1,006	1	56	84	168	895	137.5	387.0
2023	210	1	28	84	168	518	123.6	274.1

Table 3c. Continuous Summary of First Treatment Episodes for Exposures of Interest in Patients Initiating on Any Combined Hormonal Contraceptive (CHC), Any Progestin Only Contraceptive (POC), and Depot-medroxyprogesterone Acetate (DMPA) POC Within the First Six Weeks After Live or Stillbirth Delivery and With a Subsequent Dispensing or Administration for Any Contraceptive (CHC or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024, by Census Bureau Region¹ and Year

	Total Number of Patients	Distribution of First Treatment Episode Duration, days						
		Minimum	Q1	Median	Q3	Maximum	Mean	Standard Deviation
<i>Any Progestin-only contraceptives (POCs)</i>	194,058							
Midwest	50,011	1	28	56	90	3,946	100.9	615.7
2012	2,412	1	28	28	84	952	80.0	416.5
2013	2,395	1	28	56	90	3,946	97.1	666.2
2014	2,574	1	28	30	90	3,201	95.6	585.8
2015	2,882	1	28	56	112	2,308	102.8	546.7
2016	5,369	1	28	56	90	2,146	99.8	641.9
2017	6,217	1	28	56	90	2,422	101.4	675.8
2018	8,491	1	28	56	90	1,953	98.6	692.4
2019	7,936	1	28	56	90	1,819	98.3	668.5
2020	7,926	1	28	84	112	1,470	102.9	608.2
2021	1,899	1	28	84	168	1,115	125.9	526.2
2022	1,692	1	28	84	168	784	127.7	462.5
2023	218	1	28	84	140	469	110.7	254.7

Table 3c. Continuous Summary of First Treatment Episodes for Exposures of Interest in Patients Initiating on Any Combined Hormonal Contraceptive (CHC), Any Progestin Only Contraceptive (POC), and Depot-medroxyprogesterone Acetate (DMPA) POC Within the First Six Weeks After Live or Stillbirth Delivery and With a Subsequent Dispensing or Administration for Any Contraceptive (CHC or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024, by Census Bureau Region¹ and Year

	Total Number of Patients	Distribution of First Treatment Episode Duration, days						
		Minimum	Q1	Median	Q3	Maximum	Mean	Standard Deviation
<i>Any Progestin-only contraceptives (POCs)</i>	194,058							
South	58,276	1	28	84	120	2,984	112.8	613.3
2012	3,503	1	28	28	84	2,044	82.9	511.7
2013	3,299	1	28	56	90	1,754	93.4	544.6
2014	3,911	1	28	30	90	2,636	88.1	572.0
2015	5,244	1	28	56	90	2,984	97.7	568.7
2016	5,513	1	28	56	90	2,430	101.4	621.4
2017	7,083	1	28	84	112	2,478	115.6	672.5
2018	7,244	1	28	84	168	2,142	124.1	704.3
2019	7,158	1	28	84	168	1,800	122.3	653.2
2020	8,577	1	28	84	168	1,484	124.7	634.0
2021	3,262	1	28	84	168	1,144	138.6	580.9
2022	3,018	1	28	84	168	812	130.0	473.3
2023	464	1	28	84	168	528	118.1	296.9

Table 3c. Continuous Summary of First Treatment Episodes for Exposures of Interest in Patients Initiating on Any Combined Hormonal Contraceptive (CHC), Any Progestin Only Contraceptive (POC), and Depot-medroxyprogesterone Acetate (DMPA) POC Within the First Six Weeks After Live or Stillbirth Delivery and With a Subsequent Dispensing or Administration for Any Contraceptive (CHC or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024, by Census Bureau Region¹ and Year

	Total Number of Patients	Distribution of First Treatment Episode Duration, days						
		Minimum	Q1	Median	Q3	Maximum	Mean	Standard Deviation
<i>Any Progestin-only contraceptives (POCs)</i>	194,058							
West	49,399	1	28	56	112	2,799	105.6	661.6
2012	1,540	1	28	28	84	756	80.3	391.3
2013	1,537	1	28	28	84	1,108	81.1	393.7
2014	1,887	1	28	28	84	977	88.7	452.4
2015	2,503	1	28	28	84	1,260	84.7	441.9
2016	4,593	1	28	28	84	2,799	86.9	586.1
2017	9,170	1	28	56	90	2,398	103.6	865.4
2018	8,909	1	28	84	112	2,106	110.4	836.4
2019	8,221	1	28	84	112	1,428	113.5	744.5
2020	8,194	1	28	84	168	1,288	115.5	606.6
2021	1,385	1	28	84	168	1,017	134.7	494.4
2022	1,276	1	28	84	168	710	134.3	418.9
2023	184	1	28	84	168	525	113.6	238.8

Table 3c. Continuous Summary of First Treatment Episodes for Exposures of Interest in Patients Initiating on Any Combined Hormonal Contraceptive (CHC), Any Progestin Only Contraceptive (POC), and Depot-medroxyprogesterone Acetate (DMPA) POC Within the First Six Weeks After Live or Stillbirth Delivery and With a Subsequent Dispensing or Administration for Any Contraceptive (CHC or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024, by Census Bureau Region¹ and Year

	Total Number of Patients	Distribution of First Treatment Episode Duration, days						
		Minimum	Q1	Median	Q3	Maximum	Mean	Standard Deviation
<i>Progestin-only contraceptives (POCs) - Depot-medroxyprogesterone Acetate (DMPA) only</i>	28,828							
Northeast	5,782	1	84	90	180	3,063	182.7	558.3
2012	116	1	84	90	129	1,458	149.5	444.4
2013	106	1	90	90	180	2,196	196.8	451.3
2014	132	1	84	90	216	2,280	195.9	446.4
2015	151	1	84	90	180	2,160	191.1	443.0
2016	205	1	84	90	180	3,063	226.5	746.1
2017	1,259	1	84	90	180	2,442	199.0	708.5
2018	1,284	1	84	90	180	2,216	171.2	611.1
2019	1,279	1	84	90	180	1,426	174.1	570.1
2020	1,115	1	84	90	252	990	177.0	408.1
2021	65	1	84	90	180	900	182.4	325.2
2022	60	1	84	90	351	895	212.0	310.8
2023	*****	*****	*****	*****	*****	*****	*****	*****

Table 3c. Continuous Summary of First Treatment Episodes for Exposures of Interest in Patients Initiating on Any Combined Hormonal Contraceptive (CHC), Any Progestin Only Contraceptive (POC), and Depot-medroxyprogesterone Acetate (DMPA) POC Within the First Six Weeks After Live or Stillbirth Delivery and With a Subsequent Dispensing or Administration for Any Contraceptive (CHC or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024, by Census Bureau Region¹ and Year

	Total Number of Patients	Distribution of First Treatment Episode Duration, days						
		Minimum	Q1	Median	Q3	Maximum	Mean	Standard Deviation
<i>Progestin-only contraceptives (POCs) - Depot-medroxyprogesterone Acetate (DMPA) only</i>	28,828							
Midwest	7,836	1	84	90	180	3,946	160.6	600.4
2012	300	1	1	1	84	792	57.2	287.7
2013	216	1	1	90	171	3,946	167.7	800.1
2014	225	1	1	90	180	2,454	160.6	526.8
2015	274	1	1	90	180	2,308	159.6	507.1
2016	840	1	84	90	180	2,146	196.4	655.0
2017	959	1	84	90	180	2,388	173.3	662.9
2018	1,649	1	84	90	180	1,908	174.2	668.1
2019	1,534	1	84	90	180	1,671	157.5	605.7
2020	1,472	1	84	90	180	1,414	154.7	516.0
2021	181	1	1	1	90	1,079	116.2	442.6
2022	159	1	1	1	90	784	93.6	386.4
2023	27	1	1	1	90	467	60.3	230.3

Table 3c. Continuous Summary of First Treatment Episodes for Exposures of Interest in Patients Initiating on Any Combined Hormonal Contraceptive (CHC), Any Progestin Only Contraceptive (POC), and Depot-medroxyprogesterone Acetate (DMPA) POC Within the First Six Weeks After Live or Stillbirth Delivery and With a Subsequent Dispensing or Administration for Any Contraceptive (CHC or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024, by Census Bureau Region¹ and Year

	Total Number of Patients	Distribution of First Treatment Episode Duration, days						
		Minimum	Q1	Median	Q3	Maximum	Mean	Standard Deviation
<i>Progestin-only contraceptives (POCs) - Depot-medroxyprogesterone Acetate (DMPA) only</i>	28,828							
South	10,651	1	84	90	180	2,984	167.3	581.8
2012	501	1	1	60	90	1,320	103.5	483.5
2013	398	1	30	90	180	1,710	168.2	606.4
2014	501	1	1	90	180	2,636	143.7	625.8
2015	1,018	1	84	90	180	2,984	158.6	514.7
2016	773	1	84	90	180	2,430	168.8	565.4
2017	1,441	1	84	90	180	2,478	176.0	700.2
2018	1,619	1	84	90	180	2,142	182.2	691.8
2019	1,664	1	84	90	180	1,800	169.2	598.0
2020	2,058	1	84	90	180	1,484	172.3	537.0
2021	335	1	1	90	270	1,144	190.1	498.4
2022	305	1	1	90	180	753	148.8	366.6
2023	38	1	84	90	252	422	154.7	207.7

Table 3c. Continuous Summary of First Treatment Episodes for Exposures of Interest in Patients Initiating on Any Combined Hormonal Contraceptive (CHC), Any Progestin Only Contraceptive (POC), and Depot-medroxyprogesterone Acetate (DMPA) POC Within the First Six Weeks After Live or Stillbirth Delivery and With a Subsequent Dispensing or Administration for Any Contraceptive (CHC or POC) Within a Year of Post-partum in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024, by Census Bureau Region¹ and Year

	Total Number of Patients	Distribution of First Treatment Episode Duration, days						
		Minimum	Q1	Median	Q3	Maximum	Mean	Standard Deviation
<i>Progestin-only contraceptives (POCs) - Depot-medroxyprogesterone Acetate (DMPA) only</i>	28,828							
West	4,521	1	84	90	180	2,799	157.2	571.3
2012	114	1	1	1	1	720	44.0	287.3
2013	83	1	1	1	90	540	60.6	224.7
2014	101	1	1	1	90	860	84.8	320.8
2015	170	1	1	84	168	1,260	119.5	400.0
2016	550	1	84	90	168	2,799	132.0	572.6
2017	895	1	84	90	180	1,800	178.3	732.1
2018	857	1	84	90	180	2,106	182.5	742.8
2019	834	1	84	90	180	1,332	183.0	588.6
2020	713	1	84	90	180	726	160.6	401.0
2021	104	1	1	1	90	639	70.3	299.2
2022	90	1	1	1	168	469	91.8	257.4
2023	*****	*****	*****	*****	*****	*****	*****	*****

¹Region counts will not sum to total since some episodes are missing zip codes and Census Bureau Region could not be determined.

*****Data are not presented in these cells due to a small sample size or to assure a small cell cannot be recalculated through the cells presented.

N/A: Not Applicable

Table 4. Summary of Patient-Level Cohort Attrition in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024

	Any combined hormonal contraceptives		Any Progestin-only contraceptives (POCs)		Progestin-only contraceptives (POCs) - DMPA only	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members meeting enrollment and demographic requirements						
Enrolled at any point during the query period	445,072,292	N/A	445,072,292	N/A	445,072,292	N/A
Had required coverage type (medical and/or drug coverage)	330,322,100	114,750,192	330,322,100	114,750,192	330,322,100	114,750,192
Enrolled during specified age range	272,888,867	57,433,233	272,888,867	57,433,233	272,888,867	57,433,233
Had requestable medical charts	272,888,867	0	272,888,867	0	272,888,867	0
Met demographic requirements (sex, race, and Hispanic origin)	144,648,703	128,240,164	144,648,703	128,240,164	144,648,703	128,240,164
Members with a valid index event						
Had any cohort-defining claim during the query period	17,811,829	126,836,874	9,421,878	135,226,825	2,180,963	142,467,740
Claim recorded during specified age range	16,405,141	1,406,688	8,770,929	650,949	1,902,721	278,242
Episode defining index claim recorded during the query period	14,654,360	1,750,781	8,573,442	197,487	1,752,186	150,535

Table 4. Summary of Patient-Level Cohort Attrition in the Sentinel Distributed Database (SDD) from January 1, 2012 to May 31, 2024

	Any combined hormonal contraceptives		Any Progestin-only contraceptives (POCs)		Progestin-only contraceptives (POCs) - DMPA only	
	Remaining	Excluded	Remaining	Excluded	Remaining	Excluded
Members with required pre-index history						
Had sufficient pre-index continuous enrollment	5,549,006	9,105,354	4,759,359	3,814,083	775,442	976,744
Met inclusion and exclusion criteria ¹	106,677	5,442,329	275,498	4,483,861	39,721	735,721
<i>Evidence of live or stillbirth deliveries 365 days after and the day of the index</i>	N/A	120,147	N/A	59,674	N/A	6,730
<i>No evidence of live or stillbirth deliveries within 42 days before the index date and no second contraceptive dispensing 365 days after the index date</i>	N/A	5,440,621	N/A	4,478,192	N/A	735,382
Members with required post-index follow-up						
Had sufficient post-index continuous enrollment	74,225	32,452	194,058	81,440	28,828	10,893
Final cohort						
Number of members	74,225	N/A	194,058	N/A	28,828	N/A

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

N/A: Not Applicable

Appendix A. Dates of Available Data for Each Data Partner (DP) as of Request Distribution Date (November 15, 2024)

Masked DP ID	DP Start Date	DP End Date ¹
DP01	01/01/2006	02/29/2024
DP02	01/01/2007	02/29/2024
DP03	01/01/2008	12/31/2023
DP04	01/01/2014	12/31/2021
DP05	01/01/2008	05/31/2024
DP06	01/01/2010	09/30/2023

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

Appendix B. List of Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) Codes Used to Define Exposures in this Request

Code	Description	Code Category	Code Type
Progestin-only contraceptives			
A4260	Levonorgestrel (contraceptive) implants system, including implants and supplies	Procedure	HCPCS
J1055	Injection, medroxyprogesterone acetate for contraceptive use, 150 mg	Procedure	HCPCS
J7296	Levonorgestrel-releasing intrauterine contraceptive system, (Kyleena), 19.5 mg	Procedure	HCPCS
J7297	Levonorgestrel-releasing intrauterine contraceptive system (Liletta), 52 mg	Procedure	HCPCS
J7298	Levonorgestrel-releasing intrauterine contraceptive system (Mirena), 52 mg	Procedure	HCPCS
J7301	Levonorgestrel-releasing intrauterine contraceptive system (Skyla), 13.5 mg	Procedure	HCPCS
J7302	Levonorgestrel-releasing intrauterine contraceptive system, 52 mg	Procedure	HCPCS
J7306	Levonorgestrel (contraceptive) implant system, including implants and supplies	Procedure	HCPCS
J7307	Etonogestrel (contraceptive) implant system, including implant and supplies	Procedure	HCPCS
Q0090	Levonorgestrel-releasing intrauterine contraceptive system, (Skyla), 13.5 mg	Procedure	HCPCS
Q9984	Levonorgestrel-releasing intrauterine contraceptive system (Kyleena), 19.5 mg	Procedure	HCPCS
S0180	Etonogestrel (contraceptive) implant system, including implant and supplies	Procedure	HCPCS
S4980	Levonorgestrel - releasing intrauterine system, each	Procedure	HCPCS
S4981	Insertion of levonorgestrel-releasing intrauterine system	Procedure	HCPCS
V25.5	Insertion of implantable subdermal contraceptive	Diagnosis	ICD-9-CM
Progestin-only contraceptives - DMPA			
J1055	Injection, medroxyprogesterone acetate for contraceptive use, 150 mg	Procedure	HCPCS

Appendix C. List of Generic and Brand Names of Medical Products Used to Define Exposure Incidence Criteria in this Request

Generic Name	Brand Name
Combined Hormonal Contraceptives	
desogestrel-ethinyl estradiol	Apri
desogestrel-ethinyl estradiol	Caziant (28)
desogestrel-ethinyl estradiol	Cyclessa (28)
desogestrel-ethinyl estradiol	Cyred
desogestrel-ethinyl estradiol	Cyred EQ
desogestrel-ethinyl estradiol	Desogen
desogestrel-ethinyl estradiol	Emoquette
desogestrel-ethinyl estradiol	Enskyce
desogestrel-ethinyl estradiol	Isibloom
desogestrel-ethinyl estradiol	Juleber
desogestrel-ethinyl estradiol	Kalliga
desogestrel-ethinyl estradiol	Ortho-Cept (28)
desogestrel-ethinyl estradiol	Reclipsen (28)
desogestrel-ethinyl estradiol	Solia
desogestrel-ethinyl estradiol	Velivet Triphasic Regimen (28)
desogestrel-ethinyl estradiol	desogestrel-ethinyl estradiol
desogestrel-ethinyl estradiol/ethinyl estradiol	Azurette (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	Bekyree (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	Kariva (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	Kimidess (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	Mircette (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	Pimtrea (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	Simliya (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	Viorele (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	Volnea (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	desog-e.estradiol/e.estradiol
drospirenone/estetrol	Nextstellis
drospirenone/ethinyl estradiol/levomefolate calcium	Beyaz
drospirenone/ethinyl estradiol/levomefolate calcium	Rajani
drospirenone/ethinyl estradiol/levomefolate calcium	Safyral
drospirenone/ethinyl estradiol/levomefolate calcium	Tydemy
drospirenone/ethinyl estradiol/levomefolate calcium	drospirenone-e.estradiol-lm.FA
estradiol valerate/dienogest	Natazia
ethinyl estradiol/drospirenone	Gianvi (28)
ethinyl estradiol/drospirenone	Jasmiel (28)
ethinyl estradiol/drospirenone	Lo-Zumandimine (28)
ethinyl estradiol/drospirenone	Loryna (28)
ethinyl estradiol/drospirenone	Nikki (28)
ethinyl estradiol/drospirenone	Ocella
ethinyl estradiol/drospirenone	Syeda
ethinyl estradiol/drospirenone	Vestura (28)
ethinyl estradiol/drospirenone	YAZ (28)
ethinyl estradiol/drospirenone	Yasmin (28)
ethinyl estradiol/drospirenone	Zarah
ethinyl estradiol/drospirenone	Zumandimine (28)
ethinyl estradiol/drospirenone	drospirenone-ethinyl estradiol
ethynodiol diacetate-ethinyl estradiol	Demulen 1/50 (28)

Appendix C. List of Generic and Brand Names of Medical Products Used to Define Exposure Incidence Criteria in this Request

Generic Name	Brand Name
ethynodiol diacetate-ethinyl estradiol	Kelnor 1-50 (28)
ethynodiol diacetate-ethinyl estradiol	Kelnor 1/35 (28)
ethynodiol diacetate-ethinyl estradiol	Zovia 1-35 (28)
ethynodiol diacetate-ethinyl estradiol	Zovia 1/35E (28)
ethynodiol diacetate-ethinyl estradiol	Zovia 1/50E (28)
ethynodiol diacetate-ethinyl estradiol	ethynodiol diac-eth estradiol
etonogestrel/ethinyl estradiol	EluRyng
etonogestrel/ethinyl estradiol	Haloette
etonogestrel/ethinyl estradiol	NuvaRing
etonogestrel/ethinyl estradiol	etonogestrel-ethinyl estradiol
levonorgestrel/ethinyl estradiol	Afirmelle
levonorgestrel/ethinyl estradiol	Altavera (28)
levonorgestrel/ethinyl estradiol	Amethyst (28)
levonorgestrel/ethinyl estradiol	Aubra
levonorgestrel/ethinyl estradiol	Aubra EQ
levonorgestrel/ethinyl estradiol	Aviane
levonorgestrel/ethinyl estradiol	Ayuna
levonorgestrel/ethinyl estradiol	Chateal (28)
levonorgestrel/ethinyl estradiol	Chateal EQ (28)
levonorgestrel/ethinyl estradiol	Delyla (28)
levonorgestrel/ethinyl estradiol	Dolishale
levonorgestrel/ethinyl estradiol	Enpresse
levonorgestrel/ethinyl estradiol	Falmina (28)
levonorgestrel/ethinyl estradiol	Iclevia
levonorgestrel/ethinyl estradiol	Introvale
levonorgestrel/ethinyl estradiol	Jolessa
levonorgestrel/ethinyl estradiol	Kurvelo (28)
levonorgestrel/ethinyl estradiol	Larissia
levonorgestrel/ethinyl estradiol	Lessina
levonorgestrel/ethinyl estradiol	Levonest (28)
levonorgestrel/ethinyl estradiol	Levora 0.15/30 (28)
levonorgestrel/ethinyl estradiol	Levora-28
levonorgestrel/ethinyl estradiol	Lillow (28)
levonorgestrel/ethinyl estradiol	Lutera (28)
levonorgestrel/ethinyl estradiol	Lybrel (28)
levonorgestrel/ethinyl estradiol	Marlissa (28)
levonorgestrel/ethinyl estradiol	Myzilra
levonorgestrel/ethinyl estradiol	Nordette (28)
levonorgestrel/ethinyl estradiol	Orsythia
levonorgestrel/ethinyl estradiol	Portia 28
levonorgestrel/ethinyl estradiol	Quasense
levonorgestrel/ethinyl estradiol	Seasonale (91)
levonorgestrel/ethinyl estradiol	Setlakin
levonorgestrel/ethinyl estradiol	Sronyx
levonorgestrel/ethinyl estradiol	Trivora (28)
levonorgestrel/ethinyl estradiol	Twirla
levonorgestrel/ethinyl estradiol	Tyblume
levonorgestrel/ethinyl estradiol	Vienva

Appendix C. List of Generic and Brand Names of Medical Products Used to Define Exposure Incidence Criteria in this Request

Generic Name	Brand Name
levonorgestrel/ethinyl estradiol	levonorg-eth estrad triphasic
levonorgestrel/ethinyl estradiol	levonorgestrel-ethinyl estrad
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Amethia
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Amethia Lo
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Ashlyna
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Camrese
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Camrese Lo
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Daysee
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Fayosim
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Jaimiess
levonorgestrel/ethinyl estradiol and ethinyl estradiol	L norgest/e.estradiol-e.estrad
levonorgestrel/ethinyl estradiol and ethinyl estradiol	LoJaimiess
levonorgestrel/ethinyl estradiol and ethinyl estradiol	LoSeasonique
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Quartette
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Rivelsa
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Seasonique
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Simpesse
levonorgestrel/ethinyl estradiol/ferrous bisglycinate	Balcoltra
norelgestromin/ethinyl estradiol	Ortho Evra
norelgestromin/ethinyl estradiol	Xulane
norelgestromin/ethinyl estradiol	Zafemy
norethindrone acetate-ethinyl estradiol	Aurovela 1.5/30 (21)
norethindrone acetate-ethinyl estradiol	Aurovela 1/20 (21)
norethindrone acetate-ethinyl estradiol	Femhrt 1/5
norethindrone acetate-ethinyl estradiol	Femhrt Low Dose
norethindrone acetate-ethinyl estradiol	Fyavolv
norethindrone acetate-ethinyl estradiol	Gildess 1.5/30 (21)
norethindrone acetate-ethinyl estradiol	Gildess 1/20 (21)
norethindrone acetate-ethinyl estradiol	Hailey
norethindrone acetate-ethinyl estradiol	Jevantique
norethindrone acetate-ethinyl estradiol	Jevantique Lo
norethindrone acetate-ethinyl estradiol	Jinteli
norethindrone acetate-ethinyl estradiol	Junel 1.5/30 (21)
norethindrone acetate-ethinyl estradiol	Junel 1/20 (21)
norethindrone acetate-ethinyl estradiol	Larin 1.5/30 (21)
norethindrone acetate-ethinyl estradiol	Larin 1/20 (21)
norethindrone acetate-ethinyl estradiol	Loestrin 1.5/30 (21)
norethindrone acetate-ethinyl estradiol	Loestrin 1/20 (21)
norethindrone acetate-ethinyl estradiol	Microgestin 1.5/30 (21)
norethindrone acetate-ethinyl estradiol	Microgestin 1/20 (21)
norethindrone acetate-ethinyl estradiol	norethindrone ac-eth estradiol
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Aurovela 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Aurovela Fe 1-20 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Aurovela Fe 1.5/30 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Blisovi 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Blisovi Fe 1.5/30 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Blisovi Fe 1/20 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Charlotte 24 Fe

Appendix C. List of Generic and Brand Names of Medical Products Used to Define Exposure Incidence Criteria in this Request

Generic Name	Brand Name
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Estrostep Fe-28
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Finzala
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Gemmily
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Gildess 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Gildess FE 1.5/30 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Gildess FE 1/20 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Hailey 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Hailey Fe 1.5/30 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Hailey Fe 1/20 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Junel FE 1.5/30 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Junel FE 1/20 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Junel Fe 24
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Larin 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Larin Fe 1.5/30 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Larin Fe 1/20 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Lo Loestrin Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Lo Minastrin Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Loestrin 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Loestrin Fe 1.5/30 (28-Day)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Loestrin Fe 1/20 (28-Day)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Lomedia 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Melodetta 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Merzee
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Mibelas 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Microgestin 24 FE
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Microgestin FE 1/20 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Microgestin Fe 1.5/30 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Minastrin 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Tarina 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Tarina Fe 1-20 EQ (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Tarina Fe 1/20 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Taysofy
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Taytulla
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Tilia Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Tri-Ligest Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	norethindrone-e.estradiol-iron
norethindrone-ethinyl estradiol	Alyacen 1/35 (28)
norethindrone-ethinyl estradiol	Alyacen 7/7/7 (28)
norethindrone-ethinyl estradiol	Aranelle (28)
norethindrone-ethinyl estradiol	Balziva (28)
norethindrone-ethinyl estradiol	Brevicon (28)
norethindrone-ethinyl estradiol	Briellyn
norethindrone-ethinyl estradiol	Cyclafem 1/35 (28)
norethindrone-ethinyl estradiol	Cyclafem 7/7/7 (28)
norethindrone-ethinyl estradiol	Dasetta 1/35 (28)
norethindrone-ethinyl estradiol	Dasetta 7/7/7 (28)
norethindrone-ethinyl estradiol	Gildagia
norethindrone-ethinyl estradiol	Leena 28

Appendix C. List of Generic and Brand Names of Medical Products Used to Define Exposure Incidence Criteria in this Request

Generic Name	Brand Name
norethindrone-ethinyl estradiol	Modicon (28)
norethindrone-ethinyl estradiol	Necon 0.5/35 (28)
norethindrone-ethinyl estradiol	Necon 1/35 (28)
norethindrone-ethinyl estradiol	Necon 10/11 (28)
norethindrone-ethinyl estradiol	Necon 7/7/7 (28)
norethindrone-ethinyl estradiol	Norinyl 1/35 (28)
norethindrone-ethinyl estradiol	Nortrel 0.5/35 (28)
norethindrone-ethinyl estradiol	Nortrel 1/35 (21)
norethindrone-ethinyl estradiol	Nortrel 1/35 (28)
norethindrone-ethinyl estradiol	Nortrel 7/7/7 (28)
norethindrone-ethinyl estradiol	Nylia 1/35 (28)
norethindrone-ethinyl estradiol	Nylia 7/7/7 (28)
norethindrone-ethinyl estradiol	Ortho-Novum 1/35 (28)
norethindrone-ethinyl estradiol	Ortho-Novum 7/7/7 (21)
norethindrone-ethinyl estradiol	Ortho-Novum 7/7/7 (28)
norethindrone-ethinyl estradiol	Ovcon-35 (28)
norethindrone-ethinyl estradiol	Ovcon-50 (28)
norethindrone-ethinyl estradiol	Philith
norethindrone-ethinyl estradiol	Pirmella
norethindrone-ethinyl estradiol	Tri-Norinyl (28)
norethindrone-ethinyl estradiol	Vyfemla (28)
norethindrone-ethinyl estradiol	Wera (28)
norethindrone-ethinyl estradiol	Zenchent (28)
norethindrone-ethinyl estradiol/ferrous fumarate	Femcon Fe
norethindrone-ethinyl estradiol/ferrous fumarate	Generess Fe
norethindrone-ethinyl estradiol/ferrous fumarate	Kaitlib Fe
norethindrone-ethinyl estradiol/ferrous fumarate	Layolis Fe
norethindrone-ethinyl estradiol/ferrous fumarate	Wymzya Fe
norethindrone-ethinyl estradiol/ferrous fumarate	Zenchent Fe
norethindrone-ethinyl estradiol/ferrous fumarate	Zeosa
norethindrone-ethinyl estradiol/ferrous fumarate	noreth-ethinyl estradiol-iron
norethindrone-mestranol	Necon 1/50 (28)
norethindrone-mestranol	Norinyl 1+50 (28)
norgestimate-ethinyl estradiol	Estarilla
norgestimate-ethinyl estradiol	Femynor
norgestimate-ethinyl estradiol	Mili
norgestimate-ethinyl estradiol	Mono-Linyah
norgestimate-ethinyl estradiol	Mononessa (28)
norgestimate-ethinyl estradiol	Nymyo
norgestimate-ethinyl estradiol	Ortho Tri-Cyclen (28)
norgestimate-ethinyl estradiol	Ortho Tri-Cyclen LO (28)
norgestimate-ethinyl estradiol	Ortho-Cyclen (28)
norgestimate-ethinyl estradiol	Previfem
norgestimate-ethinyl estradiol	Sprintec (28)
norgestimate-ethinyl estradiol	Tri Femynor
norgestimate-ethinyl estradiol	Tri-Estarilla
norgestimate-ethinyl estradiol	Tri-Linyah
norgestimate-ethinyl estradiol	Tri-Lo-Estarilla

Appendix C. List of Generic and Brand Names of Medical Products Used to Define Exposure Incidence Criteria in this Request

Generic Name	Brand Name
norgestimate-ethinyl estradiol	Tri-Lo-Marzia
norgestimate-ethinyl estradiol	Tri-Lo-Mili
norgestimate-ethinyl estradiol	Tri-Lo-Sprintec
norgestimate-ethinyl estradiol	Tri-Mili
norgestimate-ethinyl estradiol	Tri-Nymyo
norgestimate-ethinyl estradiol	Tri-Previfem (28)
norgestimate-ethinyl estradiol	Tri-Sprintec (28)
norgestimate-ethinyl estradiol	Tri-VyLibra
norgestimate-ethinyl estradiol	Tri-VyLibra Lo
norgestimate-ethinyl estradiol	TriNessa (28)
norgestimate-ethinyl estradiol	TriNessa Lo
norgestimate-ethinyl estradiol	VyLibra
norgestimate-ethinyl estradiol	norgestimate-ethinyl estradiol
norgestrel-ethinyl estradiol	Cryselle (28)
norgestrel-ethinyl estradiol	Elinest
norgestrel-ethinyl estradiol	Lo-Ovral (28)
norgestrel-ethinyl estradiol	Lo-Ovral (8)
norgestrel-ethinyl estradiol	Low-Ogestrel (28)
norgestrel-ethinyl estradiol	Ogestrel (28)
norgestrel-ethinyl estradiol	norgestrel-ethinyl estradiol
segesterone acetate/ethinyl estradiol	Annovera
Progestin-only contraceptives	
drospirenone	Slynd
levonorgestrel	After Pill
levonorgestrel	Aftera
levonorgestrel	EContra EZ
levonorgestrel	Econtra One-Step
levonorgestrel	Fallback Solo
levonorgestrel	Her Style
levonorgestrel	Kyleena
levonorgestrel	Liletta
levonorgestrel	Mirena
levonorgestrel	My Choice
levonorgestrel	My Way
levonorgestrel	New Day
levonorgestrel	Next Choice
levonorgestrel	Next Choice One Dose
levonorgestrel	Opcicon One-Step
levonorgestrel	Option-2
levonorgestrel	Plan B One-Step
levonorgestrel	React
levonorgestrel	Skyla
levonorgestrel	Take Action
levonorgestrel	levonorgestrel
medroxyprogesterone acetate	
medroxyprogesterone acetate	Depo-Provera
medroxyprogesterone acetate	Depo-SubQ provera 104
medroxyprogesterone acetate	medroxyprogesterone

Appendix C. List of Generic and Brand Names of Medical Products Used to Define Exposure Incidence Criteria in this Request

Generic Name	Brand Name
norethindrone	Camila
norethindrone	Deblitane
norethindrone	Errin
norethindrone	Heather
norethindrone	Incassia
norethindrone	Jencycla
norethindrone	Jolivette
norethindrone	Lyleq
norethindrone	Lyza
norethindrone	Nor-Q-D
norethindrone	Nora-BE
norethindrone	Norlyda
norethindrone	Norlyroc
norethindrone	Ortho Micronor
norethindrone	Sharobel
norethindrone	Tulana
norethindrone	norethindrone (contraceptive)
Progestin-only contraceptives - DMPA	
medroxyprogesterone acetate	Depo-Provera
medroxyprogesterone acetate	Depo-SubQ provera 104
medroxyprogesterone acetate	medroxyprogesterone

Appendix D. List of Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Inclusion Criteria in this Request

Code	Description	Code Category	Code Type
Live Birth Delivery			
65101	Twin pregnancy, delivered	Diagnosis	ICD-9-CM
65111	Triplet pregnancy, delivered	Diagnosis	ICD-9-CM
65121	Quadruplet pregnancy, delivered	Diagnosis	ICD-9-CM
65131	Twin pregnancy with fetal loss and retention of one fetus, delivered	Diagnosis	ICD-9-CM
65141	Triplet pregnancy with fetal loss and retention of one or more, delivered	Diagnosis	ICD-9-CM
65151	Quadruplet pregnancy with fetal loss and retention of one or more, delivered	Diagnosis	ICD-9-CM
65161	Other multiple pregnancy with fetal loss and retention of one or more fetus(es), delivered	Diagnosis	ICD-9-CM
65171	Multiple gestation following (elective) fetal reduction, delivered, with or without mention of antepartum condition	Diagnosis	ICD-9-CM
65181	Other specified multiple gestation, delivered	Diagnosis	ICD-9-CM
65191	Unspecified multiple gestation, delivered	Diagnosis	ICD-9-CM
65261	Multiple gestation with malpresentation of one fetus or more, delivered	Diagnosis	ICD-9-CM
66051	Locked twins, delivered	Diagnosis	ICD-9-CM
66231	Delayed delivery of second twin, triplet, etc., delivered	Diagnosis	ICD-9-CM
67811	Fetal conjoined twins, delivered, with or without mention of antepartum condition	Diagnosis	ICD-9-CM
O6012X1	Preterm labor second trimester with preterm delivery second trimester, fetus 1	Diagnosis	ICD-10-CM
O6012X2	Preterm labor second trimester with preterm delivery second trimester, fetus 2	Diagnosis	ICD-10-CM
O6012X3	Preterm labor second trimester with preterm delivery second trimester, fetus 3	Diagnosis	ICD-10-CM
O6012X4	Preterm labor second trimester with preterm delivery second trimester, fetus 4	Diagnosis	ICD-10-CM
O6012X5	Preterm labor second trimester with preterm delivery second trimester, fetus 5	Diagnosis	ICD-10-CM
O6012X9	Preterm labor second trimester with preterm delivery second trimester, other fetus	Diagnosis	ICD-10-CM
O6013X0	Preterm labor second trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O6013X1	Preterm labor second trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM
O6013X2	Preterm labor second trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM
O6013X3	Preterm labor second trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM
O6013X4	Preterm labor second trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM
O6013X5	Preterm labor second trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM
O6013X9	Preterm labor second trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM
O6014X1	Preterm labor third trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM
O6014X2	Preterm labor third trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM
O6014X3	Preterm labor third trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM
O6014X4	Preterm labor third trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM
O6014X5	Preterm labor third trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM
O6014X9	Preterm labor third trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM
O6022X1	Term delivery with preterm labor, second trimester, fetus 1	Diagnosis	ICD-10-CM
O6022X2	Term delivery with preterm labor, second trimester, fetus 2	Diagnosis	ICD-10-CM
O6022X3	Term delivery with preterm labor, second trimester, fetus 3	Diagnosis	ICD-10-CM
O6022X4	Term delivery with preterm labor, second trimester, fetus 4	Diagnosis	ICD-10-CM
O6022X5	Term delivery with preterm labor, second trimester, fetus 5	Diagnosis	ICD-10-CM
O6022X9	Term delivery with preterm labor, second trimester, other fetus	Diagnosis	ICD-10-CM
O6023X1	Term delivery with preterm labor, third trimester, fetus 1	Diagnosis	ICD-10-CM
O6023X2	Term delivery with preterm labor, third trimester, fetus 2	Diagnosis	ICD-10-CM

Appendix D. List of Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Inclusion Criteria in this Request

Code	Description	Code Category	Code Type
O6023X3	Term delivery with preterm labor, third trimester, fetus 3	Diagnosis	ICD-10-CM
O6023X4	Term delivery with preterm labor, third trimester, fetus 4	Diagnosis	ICD-10-CM
O6023X5	Term delivery with preterm labor, third trimester, fetus 5	Diagnosis	ICD-10-CM
O6023X9	Term delivery with preterm labor, third trimester, other fetus	Diagnosis	ICD-10-CM
O632	Delayed delivery of second twin, triplet, etc	Diagnosis	ICD-10-CM
O690XX1	Labor and delivery complicated by prolapse of cord, fetus 1	Diagnosis	ICD-10-CM
O690XX2	Labor and delivery complicated by prolapse of cord, fetus 2	Diagnosis	ICD-10-CM
O690XX3	Labor and delivery complicated by prolapse of cord, fetus 3	Diagnosis	ICD-10-CM
O690XX4	Labor and delivery complicated by prolapse of cord, fetus 4	Diagnosis	ICD-10-CM
O690XX5	Labor and delivery complicated by prolapse of cord, fetus 5	Diagnosis	ICD-10-CM
O690XX9	Labor and delivery complicated by prolapse of cord, other fetus	Diagnosis	ICD-10-CM
O691XX1	Labor and delivery complicated by cord around neck, with compression, fetus 1	Diagnosis	ICD-10-CM
O691XX2	Labor and delivery complicated by cord around neck, with compression, fetus 2	Diagnosis	ICD-10-CM
O691XX3	Labor and delivery complicated by cord around neck, with compression, fetus 3	Diagnosis	ICD-10-CM
O691XX4	Labor and delivery complicated by cord around neck, with compression, fetus 4	Diagnosis	ICD-10-CM
O691XX5	Labor and delivery complicated by cord around neck, with compression, fetus 5	Diagnosis	ICD-10-CM
O691XX9	Labor and delivery complicated by cord around neck, with compression, other fetus	Diagnosis	ICD-10-CM
O692XX1	Labor and delivery complicated by other cord entanglement, with compression, fetus 1	Diagnosis	ICD-10-CM
O692XX2	Labor and delivery complicated by other cord entanglement, with compression, fetus 2	Diagnosis	ICD-10-CM
O692XX3	Labor and delivery complicated by other cord entanglement, with compression, fetus 3	Diagnosis	ICD-10-CM
O692XX4	Labor and delivery complicated by other cord entanglement, with compression, fetus 4	Diagnosis	ICD-10-CM
O692XX5	Labor and delivery complicated by other cord entanglement, with compression, fetus 5	Diagnosis	ICD-10-CM
O692XX9	Labor and delivery complicated by other cord entanglement, with compression, other fetus	Diagnosis	ICD-10-CM
O693XX1	Labor and delivery complicated by short cord, fetus 1	Diagnosis	ICD-10-CM
O693XX2	Labor and delivery complicated by short cord, fetus 2	Diagnosis	ICD-10-CM
O693XX3	Labor and delivery complicated by short cord, fetus 3	Diagnosis	ICD-10-CM
O693XX4	Labor and delivery complicated by short cord, fetus 4	Diagnosis	ICD-10-CM
O693XX5	Labor and delivery complicated by short cord, fetus 5	Diagnosis	ICD-10-CM
O693XX9	Labor and delivery complicated by short cord, other fetus	Diagnosis	ICD-10-CM
O694XX1	Labor and delivery complicated by vasa previa, fetus 1	Diagnosis	ICD-10-CM
O694XX2	Labor and delivery complicated by vasa previa, fetus 2	Diagnosis	ICD-10-CM
O694XX3	Labor and delivery complicated by vasa previa, fetus 3	Diagnosis	ICD-10-CM
O694XX4	Labor and delivery complicated by vasa previa, fetus 4	Diagnosis	ICD-10-CM
O694XX5	Labor and delivery complicated by vasa previa, fetus 5	Diagnosis	ICD-10-CM
O694XX9	Labor and delivery complicated by vasa previa, other fetus	Diagnosis	ICD-10-CM
O695XX1	Labor and delivery complicated by vascular lesion of cord, fetus 1	Diagnosis	ICD-10-CM
O695XX2	Labor and delivery complicated by vascular lesion of cord, fetus 2	Diagnosis	ICD-10-CM
O695XX3	Labor and delivery complicated by vascular lesion of cord, fetus 3	Diagnosis	ICD-10-CM
O695XX4	Labor and delivery complicated by vascular lesion of cord, fetus 4	Diagnosis	ICD-10-CM
O695XX5	Labor and delivery complicated by vascular lesion of cord, fetus 5	Diagnosis	ICD-10-CM
O695XX9	Labor and delivery complicated by vascular lesion of cord, other fetus	Diagnosis	ICD-10-CM
O6981X2	Labor and delivery complicated by cord around neck, without compression, fetus 2	Diagnosis	ICD-10-CM
O6981X3	Labor and delivery complicated by cord around neck, without compression, fetus 3	Diagnosis	ICD-10-CM
O6981X4	Labor and delivery complicated by cord around neck, without compression, fetus 4	Diagnosis	ICD-10-CM

Appendix D. List of Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Inclusion Criteria in this Request

Code	Description	Code Category	Code Type
O6981X5	Labor and delivery complicated by cord around neck, without compression, fetus 5	Diagnosis	ICD-10-CM
O6981X9	Labor and delivery complicated by cord around neck, without compression, other fetus	Diagnosis	ICD-10-CM
O6982X1	Labor and delivery complicated by other cord entanglement, without compression, fetus 1	Diagnosis	ICD-10-CM
O6982X2	Labor and delivery complicated by other cord entanglement, without compression, fetus 2	Diagnosis	ICD-10-CM
O6982X3	Labor and delivery complicated by other cord entanglement, without compression, fetus 3	Diagnosis	ICD-10-CM
O6982X4	Labor and delivery complicated by other cord entanglement, without compression, fetus 4	Diagnosis	ICD-10-CM
O6982X5	Labor and delivery complicated by other cord entanglement, without compression, fetus 5	Diagnosis	ICD-10-CM
O6982X9	Labor and delivery complicated by other cord entanglement, without compression, other fetus	Diagnosis	ICD-10-CM
O6989X1	Labor and delivery complicated by other cord complications, fetus 1	Diagnosis	ICD-10-CM
O6989X2	Labor and delivery complicated by other cord complications, fetus 2	Diagnosis	ICD-10-CM
O6989X3	Labor and delivery complicated by other cord complications, fetus 3	Diagnosis	ICD-10-CM
O6989X4	Labor and delivery complicated by other cord complications, fetus 4	Diagnosis	ICD-10-CM
O6989X5	Labor and delivery complicated by other cord complications, fetus 5	Diagnosis	ICD-10-CM
O6989X9	Labor and delivery complicated by other cord complications, other fetus	Diagnosis	ICD-10-CM
O699XX1	Labor and delivery complicated by cord complication, unspecified, fetus 1	Diagnosis	ICD-10-CM
O699XX2	Labor and delivery complicated by cord complication, unspecified, fetus 2	Diagnosis	ICD-10-CM
O699XX3	Labor and delivery complicated by cord complication, unspecified, fetus 3	Diagnosis	ICD-10-CM
O699XX4	Labor and delivery complicated by cord complication, unspecified, fetus 4	Diagnosis	ICD-10-CM
O699XX5	Labor and delivery complicated by cord complication, unspecified, fetus 5	Diagnosis	ICD-10-CM
O699XX9	Labor and delivery complicated by cord complication, unspecified, other fetus	Diagnosis	ICD-10-CM
V270	Outcome of delivery, single liveborn	Diagnosis	ICD-9-CM
V272	Outcome of delivery, twins, both liveborn	Diagnosis	ICD-9-CM
V273	Outcome of delivery, twins, one liveborn and one stillborn	Diagnosis	ICD-9-CM
V275	Outcome of delivery, other multiple birth, all liveborn	Diagnosis	ICD-9-CM
V276	Outcome of delivery, other multiple birth, some liveborn	Diagnosis	ICD-9-CM
V30	Single liveborn	Diagnosis	ICD-9-CM
V300	Single liveborn, born in hospital	Diagnosis	ICD-9-CM
V3000	Single liveborn, born in hospital, delivered without mention of cesarean delivery	Diagnosis	ICD-9-CM
V3001	Single liveborn, born in hospital, delivered by cesarean delivery	Diagnosis	ICD-9-CM
V301	Single liveborn, born before admission to hospital	Diagnosis	ICD-9-CM
V302	Single liveborn, born outside hospital and not hospitalized	Diagnosis	ICD-9-CM
V31	Twin birth, mate liveborn	Diagnosis	ICD-9-CM
V310	Twin, mate liveborn, born in hospital	Diagnosis	ICD-9-CM
V3100	Twin, mate liveborn, born in hospital, delivered without mention of cesarean delivery	Diagnosis	ICD-9-CM
V3101	Twin, mate liveborn, born in hospital, delivered by cesarean delivery	Diagnosis	ICD-9-CM
V311	Twin birth, mate liveborn, born before admission to hospital	Diagnosis	ICD-9-CM
V312	Twin birth, mate liveborn, born outside hospital and not hospitalized	Diagnosis	ICD-9-CM
V32	Twin birth, mate stillborn	Diagnosis	ICD-9-CM
V320	Twin, mate stillborn, born in hospital	Diagnosis	ICD-9-CM
V3200	Twin, mate stillborn, born in hospital, delivered without mention of cesarean delivery	Diagnosis	ICD-9-CM
V3201	Twin, mate stillborn, born in hospital, delivered by cesarean delivery	Diagnosis	ICD-9-CM
V321	Twin birth, mate stillborn, born before admission to hospital	Diagnosis	ICD-9-CM
V322	Twin birth, mate stillborn, born outside hospital and not hospitalized	Diagnosis	ICD-9-CM

Appendix D. List of Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Inclusion Criteria in this Request

Code	Description	Code Category	Code Type
V33	Twin birth, unspecified whether mate liveborn or stillborn	Diagnosis	ICD-9-CM
V330	Twin, unspecified, born in hospital	Diagnosis	ICD-9-CM
V3300	Twin, unspecified whether mate stillborn or liveborn, born in hospital, delivered without mention of cesarean delivery	Diagnosis	ICD-9-CM
V3301	Twin, unspecified whether mate stillborn or liveborn, born in hospital, delivered by cesarean delivery	Diagnosis	ICD-9-CM
V331	Twin birth, unspecified whether mate liveborn or stillborn, born before admission to hospital	Diagnosis	ICD-9-CM
V332	Twin birth, unspecified whether mate liveborn or stillborn, born outside hospital and not hospitalized	Diagnosis	ICD-9-CM
V34	Other multiple birth (three or more), mates all liveborn	Diagnosis	ICD-9-CM
V340	Other multiple, mates all liveborn, born in hospital	Diagnosis	ICD-9-CM
V3400	Other multiple, mates all liveborn, born in hospital, delivered without mention of cesarean delivery	Diagnosis	ICD-9-CM
V3401	Other multiple, mates all liveborn, born in hospital, delivered by cesarean delivery	Diagnosis	ICD-9-CM
V341	Other multiple birth (three or more), mates all liveborn, born before admission to hospital	Diagnosis	ICD-9-CM
V342	Other multiple birth (three or more), mates all liveborn, born outside hospital and not hospitalized	Diagnosis	ICD-9-CM
V36	Other multiple birth (three or more), mates liveborn and stillborn	Diagnosis	ICD-9-CM
V360	Other multiple, mates liveborn and stillborn, born in hospital	Diagnosis	ICD-9-CM
V3600	Other multiple, mates liveborn and stillborn, born in hospital, delivered without mention of cesarean delivery	Diagnosis	ICD-9-CM
V3601	Other multiple, mates liveborn and stillborn, born in hospital, delivered by cesarean delivery	Diagnosis	ICD-9-CM
V361	Other multiple birth (three or more), mates liveborn and stillborn, born before admission to hospital	Diagnosis	ICD-9-CM
V362	Other multiple birth (three or more), mates liveborn and stillborn, born outside hospital and not hospitalized	Diagnosis	ICD-9-CM
V37	Other multiple birth (three or more), unspecified whether mates liveborn or stillborn	Diagnosis	ICD-9-CM
V370	Other multiple, unspecified whether mates stillborn or liveborn, born in hospital	Diagnosis	ICD-9-CM
V3700	Other multiple, unspecified whether mates stillborn or liveborn, born in hospital, delivered without mention of cesarean delivery	Diagnosis	ICD-9-CM
V3701	Other multiple, unspecified whether mates stillborn or liveborn, born in hospital, delivered by cesarean delivery	Diagnosis	ICD-9-CM
V371	Other multiple birth (three or more), unspecified whether mates liveborn or stillborn, born before admission to hospital	Diagnosis	ICD-9-CM
V372	Other multiple birth (three or more), unspecified whether mates liveborn or stillborn, born outside of hospital	Diagnosis	ICD-9-CM
Z370	Single live birth	Diagnosis	ICD-10-CM
Z372	Twins, both liveborn	Diagnosis	ICD-10-CM
Z373	Twins, one liveborn and one stillborn	Diagnosis	ICD-10-CM
Z3750	Multiple births, unspecified, all liveborn	Diagnosis	ICD-10-CM
Z3751	Triplets, all liveborn	Diagnosis	ICD-10-CM
Z3752	Quadruplets, all liveborn	Diagnosis	ICD-10-CM

Appendix D. List of Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Inclusion Criteria in this Request

Code	Description	Code	
		Category	Code Type
Z3753	Quintuplets, all liveborn	Diagnosis	ICD-10-CM
Z3754	Sextuplets, all liveborn	Diagnosis	ICD-10-CM
Z3759	Other multiple births, all liveborn	Diagnosis	ICD-10-CM
Z3760	Multiple births, unspecified, some liveborn	Diagnosis	ICD-10-CM
Z3761	Triplets, some liveborn	Diagnosis	ICD-10-CM
Z3762	Quadruplets, some liveborn	Diagnosis	ICD-10-CM
Z3763	Quintuplets, some liveborn	Diagnosis	ICD-10-CM
Z3764	Sextuplets, some liveborn	Diagnosis	ICD-10-CM
Z3769	Other multiple births, some liveborn	Diagnosis	ICD-10-CM
Z3800	Single liveborn infant, delivered vaginally	Diagnosis	ICD-10-CM
Z3801	Single liveborn infant, delivered by cesarean	Diagnosis	ICD-10-CM
Z381	Single liveborn infant, born outside hospital	Diagnosis	ICD-10-CM
Z382	Single liveborn infant, unspecified as to place of birth	Diagnosis	ICD-10-CM
Z3830	Twin liveborn infant, delivered vaginally	Diagnosis	ICD-10-CM
Z3831	Twin liveborn infant, delivered by cesarean	Diagnosis	ICD-10-CM
Z384	Twin liveborn infant, born outside hospital	Diagnosis	ICD-10-CM
Z385	Twin liveborn infant, unspecified as to place of birth	Diagnosis	ICD-10-CM
Z3861	Triplet liveborn infant, delivered vaginally	Diagnosis	ICD-10-CM
Z3862	Triplet liveborn infant, delivered by cesarean	Diagnosis	ICD-10-CM
Z3863	Quadruplet liveborn infant, delivered vaginally	Diagnosis	ICD-10-CM
Z3864	Quadruplet liveborn infant, delivered by cesarean	Diagnosis	ICD-10-CM
Z3865	Quintuplet liveborn infant, delivered vaginally	Diagnosis	ICD-10-CM
Z3866	Quintuplet liveborn infant, delivered by cesarean	Diagnosis	ICD-10-CM
Z3868	Other multiple liveborn infant, delivered vaginally	Diagnosis	ICD-10-CM
Z3869	Other multiple liveborn infant, delivered by cesarean	Diagnosis	ICD-10-CM
Z387	Other multiple liveborn infant, born outside hospital	Diagnosis	ICD-10-CM
Z388	Other multiple liveborn infant, unspecified as to place of birth	Diagnosis	ICD-10-CM
Still Birth Delivery			
64601	Papyraceous fetus, delivered, with or without mention antepartum cond	Diagnosis	ICD-9-CM
65641	Intrauterine death, affecting management of mother, delivered, with or without mention of antepartum condition	Diagnosis	ICD-9-CM
7680	Fetal death from asphyxia or anoxia before onset of labor or at unspecified time	Diagnosis	ICD-9-CM
7681	Fetal death from asphyxia or anoxia during labor	Diagnosis	ICD-9-CM
O31.00X0	Papyraceous fetus, unspecified trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O31.00X1	Papyraceous fetus, unspecified trimester, fetus 1	Diagnosis	ICD-10-CM
O31.00X2	Papyraceous fetus, unspecified trimester, fetus 2	Diagnosis	ICD-10-CM
O31.00X3	Papyraceous fetus, unspecified trimester, fetus 3	Diagnosis	ICD-10-CM
O31.00X4	Papyraceous fetus, unspecified trimester, fetus 4	Diagnosis	ICD-10-CM
O31.00X5	Papyraceous fetus, unspecified trimester, fetus 5	Diagnosis	ICD-10-CM
O31.00X9	Papyraceous fetus, unspecified trimester, other fetus	Diagnosis	ICD-10-CM
O31.02X0	Papyraceous fetus, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O31.02X1	Papyraceous fetus, second trimester, fetus 1	Diagnosis	ICD-10-CM
O31.02X2	Papyraceous fetus, second trimester, fetus 2	Diagnosis	ICD-10-CM
O31.02X3	Papyraceous fetus, second trimester, fetus 3	Diagnosis	ICD-10-CM

Appendix D. List of Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Inclusion Criteria in this Request

Code	Description	Code Category	Code Type
O31.02X4	Papyraceous fetus, second trimester, fetus 4	Diagnosis	ICD-10-CM
O31.02X5	Papyraceous fetus, second trimester, fetus 5	Diagnosis	ICD-10-CM
O31.02X9	Papyraceous fetus, second trimester, other fetus	Diagnosis	ICD-10-CM
O31.03X0	Papyraceous fetus, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O31.03X1	Papyraceous fetus, third trimester, fetus 1	Diagnosis	ICD-10-CM
O31.03X2	Papyraceous fetus, third trimester, fetus 2	Diagnosis	ICD-10-CM
O31.03X3	Papyraceous fetus, third trimester, fetus 3	Diagnosis	ICD-10-CM
O31.03X4	Papyraceous fetus, third trimester, fetus 4	Diagnosis	ICD-10-CM
O31.03X5	Papyraceous fetus, third trimester, fetus 5	Diagnosis	ICD-10-CM
O31.03X9	Papyraceous fetus, third trimester, other fetus	Diagnosis	ICD-10-CM
O31.2	Continuing pregnancy after intrauterine death of one fetus or more	Diagnosis	ICD-10-CM
O31.20X	Continuing pregnancy after intrauterine death of one fetus or more, unspecified trimester	Diagnosis	ICD-10-CM
O31.20X0	Continuing pregnancy after intrauterine death of one fetus or more, unspecified trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O31.20X1	Continuing pregnancy after intrauterine death of one fetus or more, unspecified trimester, fetus 1	Diagnosis	ICD-10-CM
O31.20X2	Continuing pregnancy after intrauterine death of one fetus or more, unspecified trimester, fetus 2	Diagnosis	ICD-10-CM
O31.20X3	Continuing pregnancy after intrauterine death of one fetus or more, unspecified trimester, fetus 3	Diagnosis	ICD-10-CM
O31.20X4	Continuing pregnancy after intrauterine death of one fetus or more, unspecified trimester, fetus 4	Diagnosis	ICD-10-CM
O31.20X5	Continuing pregnancy after intrauterine death of one fetus or more, unspecified trimester, fetus 5	Diagnosis	ICD-10-CM
O31.20X9	Continuing pregnancy after intrauterine death of one fetus or more, unspecified trimester, other fetus	Diagnosis	ICD-10-CM
O31.22X	Continuing pregnancy after intrauterine death of one fetus or more, second trimester	Diagnosis	ICD-10-CM
O31.22X0	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O31.22X1	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 1	Diagnosis	ICD-10-CM
O31.22X2	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 2	Diagnosis	ICD-10-CM
O31.22X3	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 3	Diagnosis	ICD-10-CM
O31.22X4	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 4	Diagnosis	ICD-10-CM
O31.22X5	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 5	Diagnosis	ICD-10-CM
O31.22X9	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, other fetus	Diagnosis	ICD-10-CM
O31.23X	Continuing pregnancy after intrauterine death of one fetus or more, third trimester	Diagnosis	ICD-10-CM
O31.23X1	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 1	Diagnosis	ICD-10-CM
O31.23X2	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 2	Diagnosis	ICD-10-CM

Appendix D. List of Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Inclusion Criteria in this Request

Code	Description	Code Category	Code Type
O31.23X3	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 3	Diagnosis	ICD-10-CM
O31.23X4	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 4	Diagnosis	ICD-10-CM
O31.23X5	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 5	Diagnosis	ICD-10-CM
O36.4	Maternal care for intrauterine death	Diagnosis	ICD-10-CM
O36.4XX0	Maternal care for intrauterine death, not applicable or unspecified	Diagnosis	ICD-10-CM
O36.4XX1	Maternal care for intrauterine death, fetus 1	Diagnosis	ICD-10-CM
O36.4XX2	Maternal care for intrauterine death, fetus 2	Diagnosis	ICD-10-CM
O36.4XX3	Maternal care for intrauterine death, fetus 3	Diagnosis	ICD-10-CM
O36.4XX4	Maternal care for intrauterine death, fetus 4	Diagnosis	ICD-10-CM
O36.4XX5	Maternal care for intrauterine death, fetus 5	Diagnosis	ICD-10-CM
O36.4XX9	Maternal care for intrauterine death, other fetus	Diagnosis	ICD-10-CM
P95	Stillbirth	Diagnosis	ICD-10-CM
V271	Outcome of delivery, single stillborn	Diagnosis	ICD-9-CM
V273	Outcome of delivery, 1 liveborn & 1 stillborn	Diagnosis	ICD-9-CM
V274	Outcome of delivery, twins, both stillborn	Diagnosis	ICD-9-CM
V277	Outcome of delivery, other multiple birth, all stillborn	Diagnosis	ICD-9-CM
V32	Twin birth, mate stillborn	Diagnosis	ICD-9-CM
V320	Twin, mate stillborn, born in hospital	Diagnosis	ICD-9-CM
V3200	Twin birth, mate stillborn, born in hospital, delivered without mention of cesarean section	Diagnosis	ICD-9-CM
V3201	Twin, born in hospital, cesarean, mate stillborn	Diagnosis	ICD-9-CM
V321	Twin birth, mate stillborn, born before admission to hospital	Diagnosis	ICD-9-CM
V322	Twin birth, mate stillborn, born outside hospital and not hospitalized	Diagnosis	ICD-9-CM
V35	Other multiple birth (three or more), mates all stillborn	Diagnosis	ICD-9-CM
V350	Other multiple, mates all stillborn, born in hospital	Diagnosis	ICD-9-CM
V3500	Other multiple birth (three or more), mates all still born, born in hospital, delivered without mention of cesarean section	Diagnosis	ICD-9-CM
V3501	Other multiple birth (three or more), mates all still born, born in hospital, delivered by cesarean section	Diagnosis	ICD-9-CM
V351	Other multiple birth (three or more), mates all stillborn, born before admission to hospital	Diagnosis	ICD-9-CM
V352	Other multiple birth (three or more), mates all stillborn, born outside of hospital and not hospitalized	Diagnosis	ICD-9-CM
V36	Other multiple birth (three or more), mates liveborn and stillborn	Diagnosis	ICD-9-CM
V360	Other multiple, mates liveborn and stillborn, born in hospital	Diagnosis	ICD-9-CM
V3600	Other multiple birth (three or more), mates liveborn and stillborn, born in hospital, delivered without mention of cesarean section	Diagnosis	ICD-9-CM
V3601	Other multiple birth (three or more), mates liveborn and stillborn, born in hospital, delivered without mention of cesarean section	Diagnosis	ICD-9-CM
V361	Other multiple birth (three or more), mates liveborn and stillborn, born before admission to hospital	Diagnosis	ICD-9-CM
V362	Other multiple birth (three or more), mates liveborn and stillborn, born outside hospital and not hospitalized	Diagnosis	ICD-9-CM
Z37.1	Single stillbirth	Diagnosis	ICD-10-CM
Z37.3	Twins, one liveborn and one stillborn	Diagnosis	ICD-10-CM
Z37.4	Twins, both stillborn	Diagnosis	ICD-10-CM

Appendix D. List of Healthcare Common Procedure Coding System, Level II (HCPCS), International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Codes Used to Define Inclusion Criteria in this Request

Code	Description	Code	
		Category	Code Type
Z37.7	Other multiple births, all stillborn	Diagnosis	ICD-10-CM
Progestin-only contraceptives			
A4260	Levonorgestrel (contraceptive) implants system, including implants and supplies	Procedure	HCPCS
J1055	Injection, medroxyprogesterone acetate for contraceptive use, 150 mg	Procedure	HCPCS
J7296	Levonorgestrel-releasing intrauterine contraceptive system, (Kyleena), 19.5 mg	Procedure	HCPCS
J7297	Levonorgestrel-releasing intrauterine contraceptive system (Liletta), 52 mg	Procedure	HCPCS
J7298	Levonorgestrel-releasing intrauterine contraceptive system (Mirena), 52 mg	Procedure	HCPCS
J7301	Levonorgestrel-releasing intrauterine contraceptive system (Skyla), 13.5 mg	Procedure	HCPCS
J7302	Levonorgestrel-releasing intrauterine contraceptive system, 52 mg	Procedure	HCPCS
J7306	Levonorgestrel (contraceptive) implant system, including implants and supplies	Procedure	HCPCS
J7307	Etonogestrel (contraceptive) implant system, including implant and supplies	Procedure	HCPCS
Q0090	Levonorgestrel-releasing intrauterine contraceptive system, (Skyla), 13.5 mg	Procedure	HCPCS
Q9984	Levonorgestrel-releasing intrauterine contraceptive system (Kyleena), 19.5 mg	Procedure	HCPCS
S0180	Etonogestrel (contraceptive) implant system, including implant and supplies	Procedure	HCPCS
S4980	Levonorgestrel - releasing intrauterine system, each	Procedure	HCPCS
S4981	Insertion of levonorgestrel-releasing intrauterine system	Procedure	HCPCS
V25.5	Insertion of implantable subdermal contraceptive	Diagnosis	ICD-9-CM
Progestin-only contraceptives - Implant			
J7307	Etonogestrel (contraceptive) implant system, including implant and supplies	Procedure	HCPCS
S0180	Etonogestrel (contraceptive) implant system, including implant and supplies	Procedure	HCPCS
V25.5	Insertion of implantable subdermal contraceptive	Diagnosis	ICD-9-CM
Progestin-only contraceptives - Intrauterine Device			
A4260	Levonorgestrel (contraceptive) implants system, including implants and supplies	Procedure	HCPCS
J7296	Levonorgestrel-releasing intrauterine contraceptive system, (Kyleena), 19.5 mg	Procedure	HCPCS
J7297	Levonorgestrel-releasing intrauterine contraceptive system (Liletta), 52 mg	Procedure	HCPCS
J7298	Levonorgestrel-releasing intrauterine contraceptive system (Mirena), 52 mg	Procedure	HCPCS
J7301	Levonorgestrel-releasing intrauterine contraceptive system (Skyla), 13.5 mg	Procedure	HCPCS
J7302	Levonorgestrel-releasing intrauterine contraceptive system, 52 mg	Procedure	HCPCS
J7306	Levonorgestrel (contraceptive) implant system, including implants and supplies	Procedure	HCPCS
Q0090	Levonorgestrel-releasing intrauterine contraceptive system, (Skyla), 13.5 mg	Procedure	HCPCS
Q9984	Levonorgestrel-releasing intrauterine contraceptive system (Kyleena), 19.5 mg	Procedure	HCPCS
S4980	Levonorgestrel - releasing intrauterine system, each	Procedure	HCPCS
S4981	Insertion of levonorgestrel-releasing intrauterine system	Procedure	HCPCS
Progestin-only contraceptives - DMPA			
J1055	Injection, medroxyprogesterone acetate for contraceptive use, 150 mg	Procedure	HCPCS

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

Generic Name	Brand Name
Combined Hormonal Contraceptives - Oral	
desogestrel-ethinyl estradiol	Apri
desogestrel-ethinyl estradiol	Caziant (28)
desogestrel-ethinyl estradiol	Cyclessa (28)
desogestrel-ethinyl estradiol	Cyred
desogestrel-ethinyl estradiol	Cyred EQ
desogestrel-ethinyl estradiol	Desogen
desogestrel-ethinyl estradiol	Emoquette
desogestrel-ethinyl estradiol	Enskyce
desogestrel-ethinyl estradiol	Isibloom
desogestrel-ethinyl estradiol	Juleber
desogestrel-ethinyl estradiol	Kalliga
desogestrel-ethinyl estradiol	Ortho-Cept (28)
desogestrel-ethinyl estradiol	Reclipsen (28)
desogestrel-ethinyl estradiol	Solia
desogestrel-ethinyl estradiol	Velivet Triphasic Regimen (28)
desogestrel-ethinyl estradiol	desogestrel-ethinyl estradiol
desogestrel-ethinyl estradiol/ethinyl estradiol	Azurette (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	Bekyree (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	Kariva (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	Kimidess (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	Mircette (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	Pimtrea (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	Simliya (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	Viorele (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	Volnea (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	desog-e.estradiol/e.estradiol
drospirenone/estetrol	Nextstellis
drospirenone/ethinyl estradiol/levomefolate calcium	Beyaz
drospirenone/ethinyl estradiol/levomefolate calcium	Rajani
drospirenone/ethinyl estradiol/levomefolate calcium	Safyral
drospirenone/ethinyl estradiol/levomefolate calcium	Tydem
drospirenone/ethinyl estradiol/levomefolate calcium	drospirenone-e.estradiol-lm.FA
estradiol valerate/dienogest	Natazia
ethinyl estradiol/drospirenone	Gianvi (28)
ethinyl estradiol/drospirenone	Jasmiel (28)
ethinyl estradiol/drospirenone	Lo-Zumandimine (28)
ethinyl estradiol/drospirenone	Loryna (28)
ethinyl estradiol/drospirenone	Nikki (28)
ethinyl estradiol/drospirenone	Ocella
ethinyl estradiol/drospirenone	Syeda
ethinyl estradiol/drospirenone	Vestura (28)
ethinyl estradiol/drospirenone	YAZ (28)
ethinyl estradiol/drospirenone	Yasmin (28)
ethinyl estradiol/drospirenone	Zarah
ethinyl estradiol/drospirenone	Zumandimine (28)
ethinyl estradiol/drospirenone	drospirenone-ethinyl estradiol
ethynodiol diacetate-ethinyl estradiol	Demulen 1/50 (28)

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

Generic Name	Brand Name
ethynodiol diacetate-ethinyl estradiol	Kelnor 1-50 (28)
ethynodiol diacetate-ethinyl estradiol	Kelnor 1/35 (28)
ethynodiol diacetate-ethinyl estradiol	Zovia 1-35 (28)
ethynodiol diacetate-ethinyl estradiol	Zovia 1/35E (28)
ethynodiol diacetate-ethinyl estradiol	Zovia 1/50E (28)
ethynodiol diacetate-ethinyl estradiol	ethynodiol diac-eth estradiol
levonorgestrel/ethinyl estradiol	Afirmelle
levonorgestrel/ethinyl estradiol	Altavera (28)
levonorgestrel/ethinyl estradiol	Amethyst (28)
levonorgestrel/ethinyl estradiol	Aubra
levonorgestrel/ethinyl estradiol	Aubra EQ
levonorgestrel/ethinyl estradiol	Aviane
levonorgestrel/ethinyl estradiol	Ayuna
levonorgestrel/ethinyl estradiol	Chateal (28)
levonorgestrel/ethinyl estradiol	Chateal EQ (28)
levonorgestrel/ethinyl estradiol	Delyla (28)
levonorgestrel/ethinyl estradiol	Dolishale
levonorgestrel/ethinyl estradiol	Enpresse
levonorgestrel/ethinyl estradiol	Falmina (28)
levonorgestrel/ethinyl estradiol	Iclevia
levonorgestrel/ethinyl estradiol	Introvale
levonorgestrel/ethinyl estradiol	Jolessa
levonorgestrel/ethinyl estradiol	Kurvelo (28)
levonorgestrel/ethinyl estradiol	Larissia
levonorgestrel/ethinyl estradiol	Lessina
levonorgestrel/ethinyl estradiol	Levonest (28)
levonorgestrel/ethinyl estradiol	Levora 0.15/30 (28)
levonorgestrel/ethinyl estradiol	Levora-28
levonorgestrel/ethinyl estradiol	Lillow (28)
levonorgestrel/ethinyl estradiol	Lutera (28)
levonorgestrel/ethinyl estradiol	Lybrel (28)
levonorgestrel/ethinyl estradiol	Marlissa (28)
levonorgestrel/ethinyl estradiol	Myzilra
levonorgestrel/ethinyl estradiol	Nordette (28)
levonorgestrel/ethinyl estradiol	Orsythia
levonorgestrel/ethinyl estradiol	Portia 28
levonorgestrel/ethinyl estradiol	Quasense
levonorgestrel/ethinyl estradiol	Seasonale (91)
levonorgestrel/ethinyl estradiol	Setlakin
levonorgestrel/ethinyl estradiol	Sronyx
levonorgestrel/ethinyl estradiol	Trivora (28)
levonorgestrel/ethinyl estradiol	Tyblume
levonorgestrel/ethinyl estradiol	Vienna
levonorgestrel/ethinyl estradiol	levonorg-eth estrad triphasic
levonorgestrel/ethinyl estradiol	levonorgestrel-ethinyl estrad
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Amethia
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Amethia Lo
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Ashlyna

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

Generic Name	Brand Name
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Camrese
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Camrese Lo
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Daysee
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Fayosim
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Jaimiess
levonorgestrel/ethinyl estradiol and ethinyl estradiol	L norgest/e.estradiol-e.estradiol
levonorgestrel/ethinyl estradiol and ethinyl estradiol	LoJaimiess
levonorgestrel/ethinyl estradiol and ethinyl estradiol	LoSeasonique
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Quartette
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Rivelsa
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Seasonique
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Simpesse
levonorgestrel/ethinyl estradiol/ferrous bisglycinate	Balcoltra
norethindrone acetate-ethinyl estradiol	Aurovela 1.5/30 (21)
norethindrone acetate-ethinyl estradiol	Aurovela 1/20 (21)
norethindrone acetate-ethinyl estradiol	Femhrt 1/5
norethindrone acetate-ethinyl estradiol	Femhrt Low Dose
norethindrone acetate-ethinyl estradiol	Fyavolv
norethindrone acetate-ethinyl estradiol	Gildess 1.5/30 (21)
norethindrone acetate-ethinyl estradiol	Gildess 1/20 (21)
norethindrone acetate-ethinyl estradiol	Hailey
norethindrone acetate-ethinyl estradiol	Jevantique
norethindrone acetate-ethinyl estradiol	Jevantique Lo
norethindrone acetate-ethinyl estradiol	Jinteli
norethindrone acetate-ethinyl estradiol	Junel 1.5/30 (21)
norethindrone acetate-ethinyl estradiol	Junel 1/20 (21)
norethindrone acetate-ethinyl estradiol	Larin 1.5/30 (21)
norethindrone acetate-ethinyl estradiol	Larin 1/20 (21)
norethindrone acetate-ethinyl estradiol	Loestrin 1.5/30 (21)
norethindrone acetate-ethinyl estradiol	Loestrin 1/20 (21)
norethindrone acetate-ethinyl estradiol	Microgestin 1.5/30 (21)
norethindrone acetate-ethinyl estradiol	Microgestin 1/20 (21)
norethindrone acetate-ethinyl estradiol	norethindrone ac-eth estradiol
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Aurovela 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Aurovela Fe 1-20 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Aurovela Fe 1.5/30 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Blisovi 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Blisovi Fe 1.5/30 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Blisovi Fe 1/20 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Charlotte 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Estrostep Fe-28
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Finzala
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Gemmily
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Gildess 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Gildess FE 1.5/30 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Gildess FE 1/20 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Hailey 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Hailey Fe 1.5/30 (28)

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

Generic Name	Brand Name
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Hailey Fe 1/20 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Junel FE 1.5/30 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Junel FE 1/20 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Junel Fe 24
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Larin 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Larin Fe 1.5/30 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Larin Fe 1/20 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Lo Loestrin Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Lo Minastrin Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Loestrin 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Loestrin Fe 1.5/30 (28-Day)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Loestrin Fe 1/20 (28-Day)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Lomedia 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Melodetta 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Merzee
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Mibelas 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Microgestin 24 FE
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Microgestin FE 1/20 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Microgestin Fe 1.5/30 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Minastrin 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Tarina 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Tarina Fe 1-20 EQ (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Tarina Fe 1/20 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Taysofy
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Taytulla
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Tilia Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Tri-Legest Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	norethindrone-e.estradiol-iron
norethindrone-ethinyl estradiol	Alyacen 1/35 (28)
norethindrone-ethinyl estradiol	Alyacen 7/7/7 (28)
norethindrone-ethinyl estradiol	Aranelle (28)
norethindrone-ethinyl estradiol	Balziva (28)
norethindrone-ethinyl estradiol	Brevicon (28)
norethindrone-ethinyl estradiol	Briellyn
norethindrone-ethinyl estradiol	Cyclafem 1/35 (28)
norethindrone-ethinyl estradiol	Cyclafem 7/7/7 (28)
norethindrone-ethinyl estradiol	Dasetta 1/35 (28)
norethindrone-ethinyl estradiol	Dasetta 7/7/7 (28)
norethindrone-ethinyl estradiol	Gildagia
norethindrone-ethinyl estradiol	Leena 28
norethindrone-ethinyl estradiol	Modicon (28)
norethindrone-ethinyl estradiol	Necon 0.5/35 (28)
norethindrone-ethinyl estradiol	Necon 1/35 (28)
norethindrone-ethinyl estradiol	Necon 10/11 (28)
norethindrone-ethinyl estradiol	Necon 7/7/7 (28)
norethindrone-ethinyl estradiol	Norinyl 1/35 (28)
norethindrone-ethinyl estradiol	Nortrel 0.5/35 (28)
norethindrone-ethinyl estradiol	Nortrel 1/35 (21)

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

Generic Name	Brand Name
norethindrone-ethinyl estradiol	Nortrel 1/35 (28)
norethindrone-ethinyl estradiol	Nortrel 7/7/7 (28)
norethindrone-ethinyl estradiol	Nylia 1/35 (28)
norethindrone-ethinyl estradiol	Nylia 7/7/7 (28)
norethindrone-ethinyl estradiol	Ortho-Novum 1/35 (28)
norethindrone-ethinyl estradiol	Ortho-Novum 7/7/7 (21)
norethindrone-ethinyl estradiol	Ortho-Novum 7/7/7 (28)
norethindrone-ethinyl estradiol	Ovcon-35 (28)
norethindrone-ethinyl estradiol	Ovcon-50 (28)
norethindrone-ethinyl estradiol	Philith
norethindrone-ethinyl estradiol	Pirmella
norethindrone-ethinyl estradiol	Tri-Norinyl (28)
norethindrone-ethinyl estradiol	Vyfemla (28)
norethindrone-ethinyl estradiol	Wera (28)
norethindrone-ethinyl estradiol	Zenchent (28)
norethindrone-ethinyl estradiol/ferrous fumarate	Femcon Fe
norethindrone-ethinyl estradiol/ferrous fumarate	Generess Fe
norethindrone-ethinyl estradiol/ferrous fumarate	Kaitlib Fe
norethindrone-ethinyl estradiol/ferrous fumarate	Layolis Fe
norethindrone-ethinyl estradiol/ferrous fumarate	Wymzya Fe
norethindrone-ethinyl estradiol/ferrous fumarate	Zenchent Fe
norethindrone-ethinyl estradiol/ferrous fumarate	Zeosa
norethindrone-ethinyl estradiol/ferrous fumarate	noreth-ethinyl estradiol-iron
norethindrone-mestranol	Necon 1/50 (28)
norethindrone-mestranol	Norinyl 1+50 (28)
norgestimate-ethinyl estradiol	Estaylla
norgestimate-ethinyl estradiol	Femynor
norgestimate-ethinyl estradiol	Mili
norgestimate-ethinyl estradiol	Mono-Linyah
norgestimate-ethinyl estradiol	Mononessa (28)
norgestimate-ethinyl estradiol	Nymyo
norgestimate-ethinyl estradiol	Ortho Tri-Cyclen (28)
norgestimate-ethinyl estradiol	Ortho Tri-Cyclen LO (28)
norgestimate-ethinyl estradiol	Ortho-Cyclen (28)
norgestimate-ethinyl estradiol	Previfem
norgestimate-ethinyl estradiol	Sprintec (28)
norgestimate-ethinyl estradiol	Tri Femynor
norgestimate-ethinyl estradiol	Tri-Estaylla
norgestimate-ethinyl estradiol	Tri-Linyah
norgestimate-ethinyl estradiol	Tri-Lo-Estaylla
norgestimate-ethinyl estradiol	Tri-Lo-Marzia
norgestimate-ethinyl estradiol	Tri-Lo-Mili
norgestimate-ethinyl estradiol	Tri-Lo-Sprintec
norgestimate-ethinyl estradiol	Tri-Mili
norgestimate-ethinyl estradiol	Tri-Nymyo
norgestimate-ethinyl estradiol	Tri-Previfem (28)
norgestimate-ethinyl estradiol	Tri-Sprintec (28)
norgestimate-ethinyl estradiol	Tri-VyLibra

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

Generic Name	Brand Name
norgestimate-ethinyl estradiol	Tri-VyLibra Lo
norgestimate-ethinyl estradiol	TriNessa (28)
norgestimate-ethinyl estradiol	TriNessa Lo
norgestimate-ethinyl estradiol	VyLibra
norgestimate-ethinyl estradiol	norgestimate-ethinyl estradiol
norgestrel-ethinyl estradiol	Cryselle (28)
norgestrel-ethinyl estradiol	Elinest
norgestrel-ethinyl estradiol	Lo-Ovral (28)
norgestrel-ethinyl estradiol	Lo-Ovral (8)
norgestrel-ethinyl estradiol	Low-Ogestrel (28)
norgestrel-ethinyl estradiol	Ogestrel (28)
norgestrel-ethinyl estradiol	norgestrel-ethinyl estradiol
Combined Hormonal Contraceptives - Ring	
etonogestrel/ethinyl estradiol	EluRyng
etonogestrel/ethinyl estradiol	Haloette
etonogestrel/ethinyl estradiol	NuvaRing
etonogestrel/ethinyl estradiol	etonogestrel-ethinyl estradiol
segesterone acetate/ethinyl estradiol	Annovera
Combined Hormonal Contraceptives - Patch	
levonorgestrel/ethinyl estradiol	Twirla
norelgestromin/ethinyl estradiol	Ortho Evra
norelgestromin/ethinyl estradiol	Xulane
norelgestromin/ethinyl estradiol	Zafemy
Progestin-only contraceptives - Oral	
drospirenone	Slynd
levonorgestrel	After Pill
levonorgestrel	Aftera
levonorgestrel	EContra EZ
levonorgestrel	Econtra One-Step
levonorgestrel	Fallback Solo
levonorgestrel	Her Style
levonorgestrel	My Choice
levonorgestrel	My Way
levonorgestrel	New Day
levonorgestrel	Next Choice
levonorgestrel	Next Choice One Dose
levonorgestrel	Opcicon One-Step
levonorgestrel	Option-2
levonorgestrel	Plan B One-Step
levonorgestrel	React
levonorgestrel	Take Action
levonorgestrel	levonorgestrel
norethindrone	Camila
norethindrone	Deblitane
norethindrone	Errin
norethindrone	Heather
norethindrone	Incassia
norethindrone	Jencycla

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

Generic Name	Brand Name
norethindrone	Jolivet
norethindrone	Lyleq
norethindrone	Lyza
norethindrone	Nor-Q-D
norethindrone	Nora-BE
norethindrone	Norlyda
norethindrone	Norlyroc
norethindrone	Ortho Micronor
norethindrone	Sharobel
norethindrone	Tulana
norethindrone	norethindrone (contraceptive)
Progestin-only contraceptives - Intrauterine Device	
levonorgestrel	Kyleena
levonorgestrel	Liletta
levonorgestrel	Mirena
levonorgestrel	Skyla
Combined Hormonal Contraceptives	
desogestrel-ethinyl estradiol	Apri
desogestrel-ethinyl estradiol	Caziant (28)
desogestrel-ethinyl estradiol	Cyclessa (28)
desogestrel-ethinyl estradiol	Cyred
desogestrel-ethinyl estradiol	Cyred EQ
desogestrel-ethinyl estradiol	Desogen
desogestrel-ethinyl estradiol	Emoquette
desogestrel-ethinyl estradiol	Enskyce
desogestrel-ethinyl estradiol	Isibloom
desogestrel-ethinyl estradiol	Juleber
desogestrel-ethinyl estradiol	Kalliga
desogestrel-ethinyl estradiol	Ortho-Cept (28)
desogestrel-ethinyl estradiol	Reclipsen (28)
desogestrel-ethinyl estradiol	Solia
desogestrel-ethinyl estradiol	Velivet Triphasic Regimen (28)
desogestrel-ethinyl estradiol	desogestrel-ethinyl estradiol
desogestrel-ethinyl estradiol/ethinyl estradiol	Azurette (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	Bekyree (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	Kariva (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	Kimidess (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	Mircette (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	Pimtrea (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	Simliya (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	Viorele (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	Volnea (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	desog-e.estradiol/e.estradiol
drospirenone/estetrol	Nextstellis
drospirenone/ethinyl estradiol/levomefolate calcium	Beyaz
drospirenone/ethinyl estradiol/levomefolate calcium	Rajani
drospirenone/ethinyl estradiol/levomefolate calcium	Safyral
drospirenone/ethinyl estradiol/levomefolate calcium	Tydem

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

Generic Name	Brand Name
drospirenone/ethinyl estradiol/levomefolate calcium	drospirenone-e.estradiol-lm.FA
estradiol valerate/dienogest	Natazia
ethinyl estradiol/drospirenone	Gianvi (28)
ethinyl estradiol/drospirenone	Jasmiel (28)
ethinyl estradiol/drospirenone	Lo-Zumandimine (28)
ethinyl estradiol/drospirenone	Loryna (28)
ethinyl estradiol/drospirenone	Nikki (28)
ethinyl estradiol/drospirenone	Ocella
ethinyl estradiol/drospirenone	Syeda
ethinyl estradiol/drospirenone	Vestura (28)
ethinyl estradiol/drospirenone	YAZ (28)
ethinyl estradiol/drospirenone	Yasmin (28)
ethinyl estradiol/drospirenone	Zarah
ethinyl estradiol/drospirenone	Zumandimine (28)
ethinyl estradiol/drospirenone	drospirenone-ethinyl estradiol
ethynodiol diacetate-ethinyl estradiol	Demulen 1/50 (28)
ethynodiol diacetate-ethinyl estradiol	Kelnor 1-50 (28)
ethynodiol diacetate-ethinyl estradiol	Kelnor 1/35 (28)
ethynodiol diacetate-ethinyl estradiol	Zovia 1-35 (28)
ethynodiol diacetate-ethinyl estradiol	Zovia 1/35E (28)
ethynodiol diacetate-ethinyl estradiol	Zovia 1/50E (28)
ethynodiol diacetate-ethinyl estradiol	ethynodiol diac-eth estradiol
etonogestrel/ethinyl estradiol	EluRyng
etonogestrel/ethinyl estradiol	Haloette
etonogestrel/ethinyl estradiol	NuvaRing
etonogestrel/ethinyl estradiol	etonogestrel-ethinyl estradiol
levonorgestrel/ethinyl estradiol	Afirmelle
levonorgestrel/ethinyl estradiol	Altavera (28)
levonorgestrel/ethinyl estradiol	Amethyst (28)
levonorgestrel/ethinyl estradiol	Aubra
levonorgestrel/ethinyl estradiol	Aubra EQ
levonorgestrel/ethinyl estradiol	Aviane
levonorgestrel/ethinyl estradiol	Ayuna
levonorgestrel/ethinyl estradiol	Chateal (28)
levonorgestrel/ethinyl estradiol	Chateal EQ (28)
levonorgestrel/ethinyl estradiol	Delyla (28)
levonorgestrel/ethinyl estradiol	Dolishale
levonorgestrel/ethinyl estradiol	Enpresse
levonorgestrel/ethinyl estradiol	Falmina (28)
levonorgestrel/ethinyl estradiol	Iclevia
levonorgestrel/ethinyl estradiol	Introvale
levonorgestrel/ethinyl estradiol	Jolessa
levonorgestrel/ethinyl estradiol	Kurvelo (28)
levonorgestrel/ethinyl estradiol	Larissia
levonorgestrel/ethinyl estradiol	Lessina
levonorgestrel/ethinyl estradiol	Levonest (28)
levonorgestrel/ethinyl estradiol	Levora 0.15/30 (28)
levonorgestrel/ethinyl estradiol	Levora-28

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

Generic Name	Brand Name
levonorgestrel/ethinyl estradiol	Lillow (28)
levonorgestrel/ethinyl estradiol	Lutera (28)
levonorgestrel/ethinyl estradiol	Lybrel (28)
levonorgestrel/ethinyl estradiol	Marlissa (28)
levonorgestrel/ethinyl estradiol	Myzilra
levonorgestrel/ethinyl estradiol	Nordette (28)
levonorgestrel/ethinyl estradiol	Orsythia
levonorgestrel/ethinyl estradiol	Portia 28
levonorgestrel/ethinyl estradiol	Quasense
levonorgestrel/ethinyl estradiol	Seasonale (91)
levonorgestrel/ethinyl estradiol	Setlakin
levonorgestrel/ethinyl estradiol	Sronyx
levonorgestrel/ethinyl estradiol	Trivora (28)
levonorgestrel/ethinyl estradiol	Twirla
levonorgestrel/ethinyl estradiol	Tyblume
levonorgestrel/ethinyl estradiol	Vienna
levonorgestrel/ethinyl estradiol	levonorg-eth estrad triphasic
levonorgestrel/ethinyl estradiol	levonorgestrel-ethinyl estrad
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Amethia
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Amethia Lo
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Ashlyna
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Camrese
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Camrese Lo
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Daysee
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Fayosim
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Jaimiess
levonorgestrel/ethinyl estradiol and ethinyl estradiol	L norgest/e.estradiol-e.estrad
levonorgestrel/ethinyl estradiol and ethinyl estradiol	LoJaimiess
levonorgestrel/ethinyl estradiol and ethinyl estradiol	LoSeasonique
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Quartette
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Rivelsa
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Seasonique
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Simpesse
levonorgestrel/ethinyl estradiol/ferrous bisglycinate	Balcoltra
norelgestromin/ethinyl estradiol	Ortho Evra
norelgestromin/ethinyl estradiol	Xulane
norelgestromin/ethinyl estradiol	Zafemy
norethindrone acetate-ethinyl estradiol	Aurovela 1.5/30 (21)
norethindrone acetate-ethinyl estradiol	Aurovela 1/20 (21)
norethindrone acetate-ethinyl estradiol	Femhrt 1/5
norethindrone acetate-ethinyl estradiol	Femhrt Low Dose
norethindrone acetate-ethinyl estradiol	Fyavolv
norethindrone acetate-ethinyl estradiol	Gildess 1.5/30 (21)
norethindrone acetate-ethinyl estradiol	Gildess 1/20 (21)
norethindrone acetate-ethinyl estradiol	Hailey
norethindrone acetate-ethinyl estradiol	Jevantique
norethindrone acetate-ethinyl estradiol	Jevantique Lo
norethindrone acetate-ethinyl estradiol	Jinteli

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

Generic Name	Brand Name
norethindrone acetate-ethinyl estradiol	Junel 1.5/30 (21)
norethindrone acetate-ethinyl estradiol	Junel 1/20 (21)
norethindrone acetate-ethinyl estradiol	Larin 1.5/30 (21)
norethindrone acetate-ethinyl estradiol	Larin 1/20 (21)
norethindrone acetate-ethinyl estradiol	Loestrin 1.5/30 (21)
norethindrone acetate-ethinyl estradiol	Loestrin 1/20 (21)
norethindrone acetate-ethinyl estradiol	Microgestin 1.5/30 (21)
norethindrone acetate-ethinyl estradiol	Microgestin 1/20 (21)
norethindrone acetate-ethinyl estradiol	norethindrone ac-eth estradiol
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Aurovela 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Aurovela Fe 1-20 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Aurovela Fe 1.5/30 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Blisovi 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Blisovi Fe 1.5/30 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Blisovi Fe 1/20 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Charlotte 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Estrostep Fe-28
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Finzala
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Gemmily
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Gildess 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Gildess FE 1.5/30 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Gildess FE 1/20 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Hailey 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Hailey Fe 1.5/30 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Hailey Fe 1/20 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Junel FE 1.5/30 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Junel FE 1/20 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Junel Fe 24
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Larin 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Larin Fe 1.5/30 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Larin Fe 1/20 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Lo Loestrin Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Lo Minastrin Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Loestrin 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Loestrin Fe 1.5/30 (28-Day)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Loestrin Fe 1/20 (28-Day)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Lomedia 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Melodetta 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Merzee
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Mibelas 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Microgestin 24 FE
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Microgestin FE 1/20 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Microgestin Fe 1.5/30 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Minastrin 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Tarina 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Tarina Fe 1-20 EQ (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Tarina Fe 1/20 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Taysofy

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

Generic Name	Brand Name
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Taytulla
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Tilia Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Tri-Legest Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	norethindrone-e.estradiol-iron
norethindrone-ethinyl estradiol	Alyacen 1/35 (28)
norethindrone-ethinyl estradiol	Alyacen 7/7/7 (28)
norethindrone-ethinyl estradiol	Aranelle (28)
norethindrone-ethinyl estradiol	Balziva (28)
norethindrone-ethinyl estradiol	Brevicon (28)
norethindrone-ethinyl estradiol	Briellyn
norethindrone-ethinyl estradiol	Cyclafem 1/35 (28)
norethindrone-ethinyl estradiol	Cyclafem 7/7/7 (28)
norethindrone-ethinyl estradiol	Dasetta 1/35 (28)
norethindrone-ethinyl estradiol	Dasetta 7/7/7 (28)
norethindrone-ethinyl estradiol	Gildagia
norethindrone-ethinyl estradiol	Leena 28
norethindrone-ethinyl estradiol	Modicon (28)
norethindrone-ethinyl estradiol	Necon 0.5/35 (28)
norethindrone-ethinyl estradiol	Necon 1/35 (28)
norethindrone-ethinyl estradiol	Necon 10/11 (28)
norethindrone-ethinyl estradiol	Necon 7/7/7 (28)
norethindrone-ethinyl estradiol	Norinyl 1/35 (28)
norethindrone-ethinyl estradiol	Nortrel 0.5/35 (28)
norethindrone-ethinyl estradiol	Nortrel 1/35 (21)
norethindrone-ethinyl estradiol	Nortrel 1/35 (28)
norethindrone-ethinyl estradiol	Nortrel 7/7/7 (28)
norethindrone-ethinyl estradiol	Nylia 1/35 (28)
norethindrone-ethinyl estradiol	Nylia 7/7/7 (28)
norethindrone-ethinyl estradiol	Ortho-Novum 1/35 (28)
norethindrone-ethinyl estradiol	Ortho-Novum 7/7/7 (21)
norethindrone-ethinyl estradiol	Ortho-Novum 7/7/7 (28)
norethindrone-ethinyl estradiol	Ovcon-35 (28)
norethindrone-ethinyl estradiol	Ovcon-50 (28)
norethindrone-ethinyl estradiol	Philith
norethindrone-ethinyl estradiol	Pirmella
norethindrone-ethinyl estradiol	Tri-Norinyl (28)
norethindrone-ethinyl estradiol	Vyfemla (28)
norethindrone-ethinyl estradiol	Wera (28)
norethindrone-ethinyl estradiol	Zenchent (28)
norethindrone-ethinyl estradiol/ferrous fumarate	Femcon Fe
norethindrone-ethinyl estradiol/ferrous fumarate	Generess Fe
norethindrone-ethinyl estradiol/ferrous fumarate	Kaitlib Fe
norethindrone-ethinyl estradiol/ferrous fumarate	Layolis Fe
norethindrone-ethinyl estradiol/ferrous fumarate	Wymzya Fe
norethindrone-ethinyl estradiol/ferrous fumarate	Zenchent Fe
norethindrone-ethinyl estradiol/ferrous fumarate	Zeosa
norethindrone-ethinyl estradiol/ferrous fumarate	noreth-ethinyl estradiol-iron
norethindrone-mestranol	Necon 1/50 (28)

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

Generic Name	Brand Name
norethindrone-mestranol	Norinyl 1+50 (28)
norgestimate-ethinyl estradiol	Estarylla
norgestimate-ethinyl estradiol	Femynor
norgestimate-ethinyl estradiol	Mili
norgestimate-ethinyl estradiol	Mono-Linyah
norgestimate-ethinyl estradiol	Mononessa (28)
norgestimate-ethinyl estradiol	Nymyo
norgestimate-ethinyl estradiol	Ortho Tri-Cyclen (28)
norgestimate-ethinyl estradiol	Ortho Tri-Cyclen LO (28)
norgestimate-ethinyl estradiol	Ortho-Cyclen (28)
norgestimate-ethinyl estradiol	Previfem
norgestimate-ethinyl estradiol	Sprintec (28)
norgestimate-ethinyl estradiol	Tri Femynor
norgestimate-ethinyl estradiol	Tri-Estarylla
norgestimate-ethinyl estradiol	Tri-Linyah
norgestimate-ethinyl estradiol	Tri-Lo-Estarylla
norgestimate-ethinyl estradiol	Tri-Lo-Marzia
norgestimate-ethinyl estradiol	Tri-Lo-Mili
norgestimate-ethinyl estradiol	Tri-Lo-Sprintec
norgestimate-ethinyl estradiol	Tri-Mili
norgestimate-ethinyl estradiol	Tri-Nymyo
norgestimate-ethinyl estradiol	Tri-Previfem (28)
norgestimate-ethinyl estradiol	Tri-Sprintec (28)
norgestimate-ethinyl estradiol	Tri-VyLibra
norgestimate-ethinyl estradiol	Tri-VyLibra Lo
norgestimate-ethinyl estradiol	TriNessa (28)
norgestimate-ethinyl estradiol	TriNessa Lo
norgestimate-ethinyl estradiol	VyLibra
norgestimate-ethinyl estradiol	norgestimate-ethinyl estradiol
norgestrel-ethinyl estradiol	Cryselle (28)
norgestrel-ethinyl estradiol	Elinest
norgestrel-ethinyl estradiol	Lo-Ovral (28)
norgestrel-ethinyl estradiol	Lo-Ovral (8)
norgestrel-ethinyl estradiol	Low-Ogestrel (28)
norgestrel-ethinyl estradiol	Ogestrel (28)
norgestrel-ethinyl estradiol	norgestrel-ethinyl estradiol
segesteron acetate/ethinyl estradiol	Annovera
Progestin-only contraceptives	
drospirenone	Slynd
levonorgestrel	After Pill
levonorgestrel	Aftera
levonorgestrel	EContra EZ
levonorgestrel	Econtra One-Step
levonorgestrel	Fallback Solo
levonorgestrel	Her Style
levonorgestrel	Kyleena
levonorgestrel	Liletta
levonorgestrel	Mirena

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

Generic Name	Brand Name
levonorgestrel	My Choice
levonorgestrel	My Way
levonorgestrel	New Day
levonorgestrel	Next Choice
levonorgestrel	Next Choice One Dose
levonorgestrel	Opcicon One-Step
levonorgestrel	Option-2
levonorgestrel	Plan B One-Step
levonorgestrel	React
levonorgestrel	Skyla
levonorgestrel	Take Action
levonorgestrel	levonorgestrel
medroxyprogesterone acetate	
medroxyprogesterone acetate	Depo-Provera
medroxyprogesterone acetate	Depo-SubQ provera 104
medroxyprogesterone acetate	medroxyprogesterone
norethindrone	Camila
norethindrone	Deblitane
norethindrone	Errin
norethindrone	Heather
norethindrone	Incassia
norethindrone	Jencycla
norethindrone	Jolivette
norethindrone	Lyleq
norethindrone	Lyza
norethindrone	Nor-Q-D
norethindrone	Nora-BE
norethindrone	Norlyda
norethindrone	Norlyroc
norethindrone	Ortho Micronor
norethindrone	Sharobel
norethindrone	Tulana
norethindrone	norethindrone (contraceptive)
Progestin-only contraceptives - DMPA	
medroxyprogesterone acetate	Depo-Provera
medroxyprogesterone acetate	Depo-SubQ provera 104
medroxyprogesterone acetate	medroxyprogesterone

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

Code	Description	Code Category	Code Type
Live Single Birth			
V270	Outcome of delivery, single liveborn	Diagnosis	ICD-9-CM
V30	Single liveborn	Diagnosis	ICD-9-CM
V300	Single liveborn, born in hospital	Diagnosis	ICD-9-CM
V3000	Single liveborn, born in hospital, delivered without mention of cesarean delivery	Diagnosis	ICD-9-CM
V3001	Single liveborn, born in hospital, delivered by cesarean delivery	Diagnosis	ICD-9-CM
V301	Single liveborn, born before admission to hospital	Diagnosis	ICD-9-CM
V302	Single liveborn, born outside hospital and not hospitalized	Diagnosis	ICD-9-CM
Z370	Single live birth	Diagnosis	ICD-10-CM
Z3800	Single liveborn infant, delivered vaginally	Diagnosis	ICD-10-CM
Z3801	Single liveborn infant, delivered by cesarean	Diagnosis	ICD-10-CM
Z381	Single liveborn infant, born outside hospital	Diagnosis	ICD-10-CM
Z382	Single liveborn infant, unspecified as to place of birth	Diagnosis	ICD-10-CM
Live Multiple Births			
65101	Twin pregnancy, delivered	Diagnosis	ICD-9-CM
65111	Triplet pregnancy, delivered	Diagnosis	ICD-9-CM
65121	Quadruplet pregnancy, delivered	Diagnosis	ICD-9-CM
66051	Locked twins, delivered	Diagnosis	ICD-9-CM
66231	Delayed delivery of second twin, triplet, etc., delivered	Diagnosis	ICD-9-CM
67811	Fetal conjoined twins, delivered, with or without mention of antepartum condition	Diagnosis	ICD-9-CM
O6012X1	Preterm labor second trimester with preterm delivery second trimester, fetus 1	Diagnosis	ICD-10-CM
O6012X2	Preterm labor second trimester with preterm delivery second trimester, fetus 2	Diagnosis	ICD-10-CM
O6012X3	Preterm labor second trimester with preterm delivery second trimester, fetus 3	Diagnosis	ICD-10-CM
O6012X4	Preterm labor second trimester with preterm delivery second trimester, fetus 4	Diagnosis	ICD-10-CM
O6012X5	Preterm labor second trimester with preterm delivery second trimester, fetus 5	Diagnosis	ICD-10-CM
O6012X9	Preterm labor second trimester with preterm delivery second trimester, other fetus	Diagnosis	ICD-10-CM
O6013X0	Preterm labor second trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O6013X1	Preterm labor second trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM
O6013X2	Preterm labor second trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM
O6013X3	Preterm labor second trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM
O6013X4	Preterm labor second trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM
O6013X5	Preterm labor second trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM
O6013X9	Preterm labor second trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM
O6014X1	Preterm labor third trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM
O6014X2	Preterm labor third trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM
O6014X3	Preterm labor third trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM
O6014X4	Preterm labor third trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM
O6014X5	Preterm labor third trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM
O6014X9	Preterm labor third trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM
O6022X1	Term delivery with preterm labor, second trimester, fetus 1	Diagnosis	ICD-10-CM
O6022X2	Term delivery with preterm labor, second trimester, fetus 2	Diagnosis	ICD-10-CM
O6022X3	Term delivery with preterm labor, second trimester, fetus 3	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
O6022X4	Term delivery with preterm labor, second trimester, fetus 4	Diagnosis	ICD-10-CM
O6022X5	Term delivery with preterm labor, second trimester, fetus 5	Diagnosis	ICD-10-CM
O6022X9	Term delivery with preterm labor, second trimester, other fetus	Diagnosis	ICD-10-CM
O6023X1	Term delivery with preterm labor, third trimester, fetus 1	Diagnosis	ICD-10-CM
O6023X2	Term delivery with preterm labor, third trimester, fetus 2	Diagnosis	ICD-10-CM
O6023X3	Term delivery with preterm labor, third trimester, fetus 3	Diagnosis	ICD-10-CM
O6023X4	Term delivery with preterm labor, third trimester, fetus 4	Diagnosis	ICD-10-CM
O6023X5	Term delivery with preterm labor, third trimester, fetus 5	Diagnosis	ICD-10-CM
O6023X9	Term delivery with preterm labor, third trimester, other fetus	Diagnosis	ICD-10-CM
O632	Delayed delivery of second twin, triplet, etc	Diagnosis	ICD-10-CM
O690XX1	Labor and delivery complicated by prolapse of cord, fetus 1	Diagnosis	ICD-10-CM
O690XX2	Labor and delivery complicated by prolapse of cord, fetus 2	Diagnosis	ICD-10-CM
O690XX3	Labor and delivery complicated by prolapse of cord, fetus 3	Diagnosis	ICD-10-CM
O690XX4	Labor and delivery complicated by prolapse of cord, fetus 4	Diagnosis	ICD-10-CM
O690XX5	Labor and delivery complicated by prolapse of cord, fetus 5	Diagnosis	ICD-10-CM
O690XX9	Labor and delivery complicated by prolapse of cord, other fetus	Diagnosis	ICD-10-CM
O691XX1	Labor and delivery complicated by cord around neck, with compression, fetus 1	Diagnosis	ICD-10-CM
O691XX2	Labor and delivery complicated by cord around neck, with compression, fetus 2	Diagnosis	ICD-10-CM
O691XX3	Labor and delivery complicated by cord around neck, with compression, fetus 3	Diagnosis	ICD-10-CM
O691XX4	Labor and delivery complicated by cord around neck, with compression, fetus 4	Diagnosis	ICD-10-CM
O691XX5	Labor and delivery complicated by cord around neck, with compression, fetus 5	Diagnosis	ICD-10-CM
O691XX9	Labor and delivery complicated by cord around neck, with compression, other fetus	Diagnosis	ICD-10-CM
O692XX1	Labor and delivery complicated by other cord entanglement, with compression, fetus 1	Diagnosis	ICD-10-CM
O692XX2	Labor and delivery complicated by other cord entanglement, with compression, fetus 2	Diagnosis	ICD-10-CM
O692XX3	Labor and delivery complicated by other cord entanglement, with compression, fetus 3	Diagnosis	ICD-10-CM
O692XX4	Labor and delivery complicated by other cord entanglement, with compression, fetus 4	Diagnosis	ICD-10-CM
O692XX5	Labor and delivery complicated by other cord entanglement, with compression, fetus 5	Diagnosis	ICD-10-CM
O692XX9	Labor and delivery complicated by other cord entanglement, with compression, other fetus	Diagnosis	ICD-10-CM
O693XX1	Labor and delivery complicated by short cord, fetus 1	Diagnosis	ICD-10-CM
O693XX2	Labor and delivery complicated by short cord, fetus 2	Diagnosis	ICD-10-CM
O693XX3	Labor and delivery complicated by short cord, fetus 3	Diagnosis	ICD-10-CM
O693XX4	Labor and delivery complicated by short cord, fetus 4	Diagnosis	ICD-10-CM
O693XX5	Labor and delivery complicated by short cord, fetus 5	Diagnosis	ICD-10-CM
O693XX9	Labor and delivery complicated by short cord, other fetus	Diagnosis	ICD-10-CM
O694XX1	Labor and delivery complicated by vasa previa, fetus 1	Diagnosis	ICD-10-CM
O694XX2	Labor and delivery complicated by vasa previa, fetus 2	Diagnosis	ICD-10-CM
O694XX3	Labor and delivery complicated by vasa previa, fetus 3	Diagnosis	ICD-10-CM
O694XX4	Labor and delivery complicated by vasa previa, fetus 4	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
O694XX5	Labor and delivery complicated by vasa previa, fetus 5	Diagnosis	ICD-10-CM
O694XX9	Labor and delivery complicated by vasa previa, other fetus	Diagnosis	ICD-10-CM
O695XX1	Labor and delivery complicated by vascular lesion of cord, fetus 1	Diagnosis	ICD-10-CM
O695XX2	Labor and delivery complicated by vascular lesion of cord, fetus 2	Diagnosis	ICD-10-CM
O695XX3	Labor and delivery complicated by vascular lesion of cord, fetus 3	Diagnosis	ICD-10-CM
O695XX4	Labor and delivery complicated by vascular lesion of cord, fetus 4	Diagnosis	ICD-10-CM
O695XX5	Labor and delivery complicated by vascular lesion of cord, fetus 5	Diagnosis	ICD-10-CM
O695XX9	Labor and delivery complicated by vascular lesion of cord, other fetus	Diagnosis	ICD-10-CM
O6981X2	Labor and delivery complicated by cord around neck, without compression, fetus 2	Diagnosis	ICD-10-CM
O6981X3	Labor and delivery complicated by cord around neck, without compression, fetus 3	Diagnosis	ICD-10-CM
O6981X4	Labor and delivery complicated by cord around neck, without compression, fetus 4	Diagnosis	ICD-10-CM
O6981X5	Labor and delivery complicated by cord around neck, without compression, fetus 5	Diagnosis	ICD-10-CM
O6981X9	Labor and delivery complicated by cord around neck, without compression, other fetus	Diagnosis	ICD-10-CM
O6982X1	Labor and delivery complicated by other cord entanglement, without compression, fetus 1	Diagnosis	ICD-10-CM
O6982X2	Labor and delivery complicated by other cord entanglement, without compression, fetus 2	Diagnosis	ICD-10-CM
O6982X3	Labor and delivery complicated by other cord entanglement, without compression, fetus 3	Diagnosis	ICD-10-CM
O6982X4	Labor and delivery complicated by other cord entanglement, without compression, fetus 4	Diagnosis	ICD-10-CM
O6982X5	Labor and delivery complicated by other cord entanglement, without compression, fetus 5	Diagnosis	ICD-10-CM
O6982X9	Labor and delivery complicated by other cord entanglement, without compression, other fetus	Diagnosis	ICD-10-CM
O6989X1	Labor and delivery complicated by other cord complications, fetus 1	Diagnosis	ICD-10-CM
O6989X2	Labor and delivery complicated by other cord complications, fetus 2	Diagnosis	ICD-10-CM
O6989X3	Labor and delivery complicated by other cord complications, fetus 3	Diagnosis	ICD-10-CM
O6989X4	Labor and delivery complicated by other cord complications, fetus 4	Diagnosis	ICD-10-CM
O6989X5	Labor and delivery complicated by other cord complications, fetus 5	Diagnosis	ICD-10-CM
O6989X9	Labor and delivery complicated by other cord complications, other fetus	Diagnosis	ICD-10-CM
O699XX1	Labor and delivery complicated by cord complication, unspecified, fetus 1	Diagnosis	ICD-10-CM
O699XX2	Labor and delivery complicated by cord complication, unspecified, fetus 2	Diagnosis	ICD-10-CM
O699XX3	Labor and delivery complicated by cord complication, unspecified, fetus 3	Diagnosis	ICD-10-CM
O699XX4	Labor and delivery complicated by cord complication, unspecified, fetus 4	Diagnosis	ICD-10-CM
O699XX5	Labor and delivery complicated by cord complication, unspecified, fetus 5	Diagnosis	ICD-10-CM
O699XX9	Labor and delivery complicated by cord complication, unspecified, other fetus	Diagnosis	ICD-10-CM
V272	Outcome of delivery, twins, both liveborn	Diagnosis	ICD-9-CM
V275	Outcome of delivery, other multiple birth, all liveborn	Diagnosis	ICD-9-CM
V330	Twin, unspecified, born in hospital	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
V34	Other multiple birth (three or more), mates all liveborn	Diagnosis	ICD-9-CM
V340	Other multiple, mates all liveborn, born in hospital	Diagnosis	ICD-9-CM
V3400	Other multiple, mates all liveborn, born in hospital, delivered without mention of cesarean delivery	Diagnosis	ICD-9-CM
V3401	Other multiple, mates all liveborn, born in hospital, delivered by cesarean delivery	Diagnosis	ICD-9-CM
V341	Other multiple birth (three or more), mates all liveborn, born before admission to hospital	Diagnosis	ICD-9-CM
V342	Other multiple birth (three or more), mates all liveborn, born outside hospital and not hospitalized	Diagnosis	ICD-9-CM
Z372	Twins, both liveborn	Diagnosis	ICD-10-CM
Z3750	Multiple births, unspecified, all liveborn	Diagnosis	ICD-10-CM
Z3751	Triplets, all liveborn	Diagnosis	ICD-10-CM
Z3752	Quadruplets, all liveborn	Diagnosis	ICD-10-CM
Z3753	Quintuplets, all liveborn	Diagnosis	ICD-10-CM
Z3754	Sextuplets, all liveborn	Diagnosis	ICD-10-CM
Z3759	Other multiple births, all liveborn	Diagnosis	ICD-10-CM
Z3830	Twin liveborn infant, delivered vaginally	Diagnosis	ICD-10-CM
Z3831	Twin liveborn infant, delivered by cesarean	Diagnosis	ICD-10-CM
Z384	Twin liveborn infant, born outside hospital	Diagnosis	ICD-10-CM
Z385	Twin liveborn infant, unspecified as to place of birth	Diagnosis	ICD-10-CM
Z3861	Triplet liveborn infant, delivered vaginally	Diagnosis	ICD-10-CM
Z3862	Triplet liveborn infant, delivered by cesarean	Diagnosis	ICD-10-CM
Z3863	Quadruplet liveborn infant, delivered vaginally	Diagnosis	ICD-10-CM
Z3864	Quadruplet liveborn infant, delivered by cesarean	Diagnosis	ICD-10-CM
Z3865	Quintuplet liveborn infant, delivered vaginally	Diagnosis	ICD-10-CM
Z3866	Quintuplet liveborn infant, delivered by cesarean	Diagnosis	ICD-10-CM
Z3868	Other multiple liveborn infant, delivered vaginally	Diagnosis	ICD-10-CM
Z3869	Other multiple liveborn infant, delivered by cesarean	Diagnosis	ICD-10-CM
Z387	Other multiple liveborn infant, born outside hospital	Diagnosis	ICD-10-CM
Z388	Other multiple liveborn infant, unspecified as to place of birth	Diagnosis	ICD-10-CM
Stillbirth - Single			
64601	Papyraceous fetus, delivered, with or without mention antepartum cond	Diagnosis	ICD-9-CM
65641	Intrauterine death, affecting management of mother, delivered, with or without mention of antepartum condition	Diagnosis	ICD-9-CM
7680	Fetal death from asphyxia or anoxia before onset of labor or at unspecified time	Diagnosis	ICD-9-CM
7681	Fetal death from asphyxia or anoxia during labor	Diagnosis	ICD-9-CM
O36.4	Maternal care for intrauterine death	Diagnosis	ICD-10-CM
O36.4XX0	Maternal care for intrauterine death, not applicable or unspecified	Diagnosis	ICD-10-CM
P95	Stillbirth	Diagnosis	ICD-10-CM
V271	Outcome of delivery, single stillborn	Diagnosis	ICD-9-CM
Z37.1	Single stillbirth	Diagnosis	ICD-10-CM
Stillbirth - Multiple			
O36.4XX1	Maternal care for intrauterine death, fetus 1	Diagnosis	ICD-10-CM
O36.4XX2	Maternal care for intrauterine death, fetus 2	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
O36.4XX3	Maternal care for intrauterine death, fetus 3	Diagnosis	ICD-10-CM
O36.4XX4	Maternal care for intrauterine death, fetus 4	Diagnosis	ICD-10-CM
O36.4XX5	Maternal care for intrauterine death, fetus 5	Diagnosis	ICD-10-CM
O36.4XX9	Maternal care for intrauterine death, other fetus	Diagnosis	ICD-10-CM
V274	Outcome of delivery, twins, both stillborn	Diagnosis	ICD-9-CM
V277	Outcome of delivery, other multiple birth, all stillborn	Diagnosis	ICD-9-CM
Z37.4	Twins, both stillborn	Diagnosis	ICD-10-CM
Z37.7	Other multiple births, all stillborn	Diagnosis	ICD-10-CM
Multiple Birth - live and stillborn			
65131	Twin pregnancy with fetal loss and retention of one fetus, delivered	Diagnosis	ICD-9-CM
65141	Triplet pregnancy with fetal loss and retention of one or more, delivered	Diagnosis	ICD-9-CM
65151	Quadruplet pregnancy with fetal loss and retention of one or more, delivered	Diagnosis	ICD-9-CM
65161	Other multiple pregnancy with fetal loss and retention of one or more fetus(es), delivered	Diagnosis	ICD-9-CM
65171	Multiple gestation following (elective) fetal reduction, delivered, with or without mention of antepartum condition	Diagnosis	ICD-9-CM
65181	Other specified multiple gestation, delivered	Diagnosis	ICD-9-CM
65191	Unspecified multiple gestation, delivered	Diagnosis	ICD-9-CM
65261	Multiple gestation with malpresentation of one fetus or more, delivered	Diagnosis	ICD-9-CM
V273	Outcome of delivery, twins, one liveborn and one stillborn	Diagnosis	ICD-9-CM
V276	Outcome of delivery, other multiple birth, some liveborn	Diagnosis	ICD-9-CM
V32	Twin birth, mate stillborn	Diagnosis	ICD-9-CM
V320	Twin, mate stillborn, born in hospital	Diagnosis	ICD-9-CM
V3200	Twin, mate stillborn, born in hospital, delivered without mention of cesarean delivery	Diagnosis	ICD-9-CM
V3201	Twin, mate stillborn, born in hospital, delivered by cesarean delivery	Diagnosis	ICD-9-CM
V321	Twin birth, mate stillborn, born before admission to hospital	Diagnosis	ICD-9-CM
V322	Twin birth, mate stillborn, born outside hospital and not hospitalized	Diagnosis	ICD-9-CM
V33	Twin birth, unspecified whether mate liveborn or stillborn	Diagnosis	ICD-9-CM
V3300	Twin, unspecified whether mate stillborn or liveborn, born in hospital, delivered without mention of cesarean delivery	Diagnosis	ICD-9-CM
V3301	Twin, unspecified whether mate stillborn or liveborn, born in hospital, delivered by cesarean delivery	Diagnosis	ICD-9-CM
V331	Twin birth, unspecified whether mate liveborn or stillborn, born before admission to hospital	Diagnosis	ICD-9-CM
V332	Twin birth, unspecified whether mate liveborn or stillborn, born outside hospital and not hospitalized	Diagnosis	ICD-9-CM
V36	Other multiple birth (three or more), mates liveborn and stillborn	Diagnosis	ICD-9-CM
V360	Other multiple, mates liveborn and stillborn, born in hospital	Diagnosis	ICD-9-CM
V3600	Other multiple, mates liveborn and stillborn, born in hospital, delivered without mention of cesarean delivery	Diagnosis	ICD-9-CM
V3601	Other multiple, mates liveborn and stillborn, born in hospital, delivered by cesarean delivery	Diagnosis	ICD-9-CM
V361	Other multiple birth (three or more), mates liveborn and stillborn, born before admission to hospital	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
V362	Other multiple birth (three or more), mates liveborn and stillborn, born outside hospital and not hospitalized	Diagnosis	ICD-9-CM
V37	Other multiple birth (three or more), unspecified whether mates liveborn or stillborn	Diagnosis	ICD-9-CM
V370	Other multiple, unspecified whether mates stillborn or liveborn, born in hospital	Diagnosis	ICD-9-CM
V3700	Other multiple, unspecified whether mates stillborn or liveborn, born in hospital, delivered without mention of cesarean delivery	Diagnosis	ICD-9-CM
V3701	Other multiple, unspecified whether mates stillborn or liveborn, born in hospital, delivered by cesarean delivery	Diagnosis	ICD-9-CM
V371	Other multiple birth (three or more), unspecified whether mates liveborn or stillborn, born before admission to hospital	Diagnosis	ICD-9-CM
V372	Other multiple birth (three or more), unspecified whether mates liveborn or stillborn, born outside of hospital	Diagnosis	ICD-9-CM
V35	Other multiple birth (three or more), mates all stillborn	Diagnosis	ICD-9-CM
V350	Other multiple, mates all stillborn, born in hospital	Diagnosis	ICD-9-CM
V3500	Other multiple birth (three or more), mates all still born, born in hospital, delivered without mention of cesarean section	Diagnosis	ICD-9-CM
V3501	Other multiple birth (three or more), mates all still born, born in hospital, delivered by cesarean section	Diagnosis	ICD-9-CM
V351	Other multiple birth (three or more), mates all stillborn, born before admission to hospital	Diagnosis	ICD-9-CM
V352	Other multiple birth (three or more), mates all stillborn, born outside of hospital and not hospitalized	Diagnosis	ICD-9-CM
V31	Twin birth, mate liveborn	Diagnosis	ICD-9-CM
V310	Twin, mate liveborn, born in hospital	Diagnosis	ICD-9-CM
V3100	Twin, mate liveborn, born in hospital, delivered without mention of cesarean delivery	Diagnosis	ICD-9-CM
V3101	Twin, mate liveborn, born in hospital, delivered by cesarean delivery	Diagnosis	ICD-9-CM
V311	Twin birth, mate liveborn, born before admission to hospital	Diagnosis	ICD-9-CM
V312	Twin birth, mate liveborn, born outside hospital and not hospitalized	Diagnosis	ICD-9-CM
Z373	Twins, one liveborn and one stillborn	Diagnosis	ICD-10-CM
Z3760	Multiple births, unspecified, some liveborn	Diagnosis	ICD-10-CM
Z3761	Triplets, some liveborn	Diagnosis	ICD-10-CM
Z3762	Quadruplets, some liveborn	Diagnosis	ICD-10-CM
Z3763	Quintuplets, some liveborn	Diagnosis	ICD-10-CM
Z3764	Sextuplets, some liveborn	Diagnosis	ICD-10-CM
Z3769	Other multiple births, some liveborn	Diagnosis	ICD-10-CM
Z37.3	Twins, one liveborn and one stillborn	Diagnosis	ICD-10-CM
Cesarean Section			
59500	Cesarean Section, Low Cervical, Including In-hospital	Procedure	CPT-4
59501	Cesarean Section, Low Cervical, Including In-hospital	Procedure	CPT-4
59510	Routine obstetric care including antepartum care, cesarean delivery, and postpartum care	Procedure	CPT-4
59514	Cesarean delivery only;	Procedure	CPT-4
59515	Cesarean delivery only; including postpartum care	Procedure	CPT-4
59540	Cesarean Section, Extraperitoneal, Including In-hospital	Procedure	CPT-4

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

Code	Description	Code Category	Code Type
59541	Cesarean Section, Extraperitoneal, Including In-hospital	Procedure	CPT-4
59560	Cesarean Section With Hysterectomy, Subtotal, Including	Procedure	CPT-4
59561	Cesarean Section With Hysterectomy, Subtotal, Including	Procedure	CPT-4
59580	Cesarean Section With Hysterectomy, Total, Including	Procedure	CPT-4
59581	Cesarean Section With Hysterectomy, Total, Including	Procedure	CPT-4
59620	Cesarean delivery only, following attempted vaginal delivery after previous cesarean delivery;	Procedure	CPT-4
59622	Cesarean delivery only, following attempted vaginal delivery after previous cesarean delivery; including postpartum care	Procedure	CPT-4
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	Diagnosis	ICD-9-CM
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	Diagnosis	ICD-9-CM
66971	Cesarean delivery, without mention of indication, delivered, with or without mention of antepartum condition	Diagnosis	ICD-9-CM
67412	Disruption of cesarean wound, with delivery, with mention of postpartum complication	Diagnosis	ICD-9-CM
740	Classical cesarean section	Procedure	ICD-9-CM
741	Low cervical cesarean section	Procedure	ICD-9-CM
742	Extraperitoneal cesarean section	Procedure	ICD-9-CM
744	Cesarean section of other specified type	Procedure	ICD-9-CM
749	Cesarean section of unspecified type	Procedure	ICD-9-CM
7499	Other cesarean section of unspecified type	Procedure	ICD-9-CM
7634	Fetus or newborn affected by cesarean delivery	Diagnosis	ICD-9-CM
O7582	Onset (spontaneous) of labor after 37 completed weeks of gestation but before 39 completed weeks gestation, with delivery by (planned) cesarean section	Diagnosis	ICD-10-CM
O82	Encounter for cesarean delivery without indication	Diagnosis	ICD-10-CM
P034	Newborn affected by Cesarean delivery	Diagnosis	ICD-10-CM
V3001	Single liveborn, born in hospital, delivered by cesarean delivery	Diagnosis	ICD-9-CM
V3101	Twin, mate liveborn, born in hospital, delivered by cesarean delivery	Diagnosis	ICD-9-CM
V3201	Twin, mate stillborn, born in hospital, delivered by cesarean delivery	Diagnosis	ICD-9-CM
V3301	Twin, unspecified whether mate stillborn or liveborn, born in hospital, delivered by cesarean delivery	Diagnosis	ICD-9-CM
V3401	Other multiple, mates all liveborn, born in hospital, delivered by cesarean delivery	Diagnosis	ICD-9-CM
V3501	Other multiple birth (three or more), mates all still born, born in hospital, delivered by cesarean section	Diagnosis	ICD-9-CM
V3601	Other multiple, mates liveborn and stillborn, born in hospital, delivered by cesarean delivery	Diagnosis	ICD-9-CM
V3701	Other multiple, unspecified whether mates stillborn or liveborn, born in hospital, delivered by cesarean delivery	Diagnosis	ICD-9-CM
V3901	Liveborn infant, unspecified whether single, twin, or multiple, born in hospital, delivered by cesarean	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
Z3801	Single liveborn infant, delivered by cesarean	Diagnosis	ICD-10-CM
Z3831	Twin liveborn infant, delivered by cesarean	Diagnosis	ICD-10-CM
Z3862	Triplet liveborn infant, delivered by cesarean	Diagnosis	ICD-10-CM
Z3864	Quadruplet liveborn infant, delivered by cesarean	Diagnosis	ICD-10-CM
Z3866	Quintuplet liveborn infant, delivered by cesarean	Diagnosis	ICD-10-CM
Z3869	Other multiple liveborn infant, delivered by cesarean	Diagnosis	ICD-10-CM
Vaginal Delivery			
59400	Routine obstetric care including antepartum care, vaginal delivery (with or without episiotomy, and/or forceps) and postpartum care	Procedure	CPT-4
59409	Vaginal delivery only (with or without episiotomy and/or forceps);	Procedure	CPT-4
59410	Vaginal delivery only (with or without episiotomy and/or forceps); including postpartum care	Procedure	CPT-4
59610	Routine obstetric care including antepartum care, vaginal delivery (with or without episiotomy, and/or forceps) and postpartum care, after previous cesarean delivery	Procedure	CPT-4
59612	Vaginal delivery only, after previous cesarean delivery (with or without episiotomy and/or forceps);	Procedure	CPT-4
59614	Vaginal delivery only, after previous cesarean delivery (with or without episiotomy and/or forceps); including postpartum care	Procedure	CPT-4
59618	Routine obstetric care including antepartum care, cesarean delivery, and postpartum care, following attempted vaginal delivery after previous cesarean delivery	Procedure	CPT-4
65471	Congenital or acquired abnormality of vagina, with delivery	Diagnosis	ICD-9-CM
65472	Congenital or acquired abnormality of vagina, delivered, with mention of postpartum complication	Diagnosis	ICD-9-CM
66541	High vaginal laceration, with delivery	Diagnosis	ICD-9-CM
Z3800	Single liveborn infant, delivered vaginally	Diagnosis	ICD-10-CM
Z3830	Twin liveborn infant, delivered vaginally	Diagnosis	ICD-10-CM
Z3861	Triplet liveborn infant, delivered vaginally	Diagnosis	ICD-10-CM
Z3863	Quadruplet liveborn infant, delivered vaginally	Diagnosis	ICD-10-CM
Z3865	Quintuplet liveborn infant, delivered vaginally	Diagnosis	ICD-10-CM
Z3868	Other multiple liveborn infant, delivered vaginally	Diagnosis	ICD-10-CM
Live Birth Delivery			
65101	Twin pregnancy, delivered	Diagnosis	ICD-9-CM
65111	Triplet pregnancy, delivered	Diagnosis	ICD-9-CM
65121	Quadruplet pregnancy, delivered	Diagnosis	ICD-9-CM
65131	Twin pregnancy with fetal loss and retention of one fetus, delivered	Diagnosis	ICD-9-CM
65141	Triplet pregnancy with fetal loss and retention of one or more, delivered	Diagnosis	ICD-9-CM
65151	Quadruplet pregnancy with fetal loss and retention of one or more, delivered	Diagnosis	ICD-9-CM
65161	Other multiple pregnancy with fetal loss and retention of one or more fetus(es), delivered	Diagnosis	ICD-9-CM
65171	Multiple gestation following (elective) fetal reduction, delivered, with or without mention of antepartum condition	Diagnosis	ICD-9-CM
65181	Other specified multiple gestation, delivered	Diagnosis	ICD-9-CM
65191	Unspecified multiple gestation, delivered	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
65261	Multiple gestation with malpresentation of one fetus or more, delivered	Diagnosis	ICD-9-CM
66051	Locked twins, delivered	Diagnosis	ICD-9-CM
66231	Delayed delivery of second twin, triplet, etc., delivered	Diagnosis	ICD-9-CM
67811	Fetal conjoined twins, delivered, with or without mention of antepartum condition	Diagnosis	ICD-9-CM
O6012X1	Preterm labor second trimester with preterm delivery second trimester, fetus 1	Diagnosis	ICD-10-CM
O6012X2	Preterm labor second trimester with preterm delivery second trimester, fetus 2	Diagnosis	ICD-10-CM
O6012X3	Preterm labor second trimester with preterm delivery second trimester, fetus 3	Diagnosis	ICD-10-CM
O6012X4	Preterm labor second trimester with preterm delivery second trimester, fetus 4	Diagnosis	ICD-10-CM
O6012X5	Preterm labor second trimester with preterm delivery second trimester, fetus 5	Diagnosis	ICD-10-CM
O6012X9	Preterm labor second trimester with preterm delivery second trimester, other fetus	Diagnosis	ICD-10-CM
O6013X0	Preterm labor second trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O6013X1	Preterm labor second trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM
O6013X2	Preterm labor second trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM
O6013X3	Preterm labor second trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM
O6013X4	Preterm labor second trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM
O6013X5	Preterm labor second trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM
O6013X9	Preterm labor second trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM
O6014X1	Preterm labor third trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM
O6014X2	Preterm labor third trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM
O6014X3	Preterm labor third trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM
O6014X4	Preterm labor third trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM
O6014X5	Preterm labor third trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM
O6014X9	Preterm labor third trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM
O6022X1	Term delivery with preterm labor, second trimester, fetus 1	Diagnosis	ICD-10-CM
O6022X2	Term delivery with preterm labor, second trimester, fetus 2	Diagnosis	ICD-10-CM
O6022X3	Term delivery with preterm labor, second trimester, fetus 3	Diagnosis	ICD-10-CM
O6022X4	Term delivery with preterm labor, second trimester, fetus 4	Diagnosis	ICD-10-CM
O6022X5	Term delivery with preterm labor, second trimester, fetus 5	Diagnosis	ICD-10-CM
O6022X9	Term delivery with preterm labor, second trimester, other fetus	Diagnosis	ICD-10-CM
O6023X1	Term delivery with preterm labor, third trimester, fetus 1	Diagnosis	ICD-10-CM
O6023X2	Term delivery with preterm labor, third trimester, fetus 2	Diagnosis	ICD-10-CM
O6023X3	Term delivery with preterm labor, third trimester, fetus 3	Diagnosis	ICD-10-CM
O6023X4	Term delivery with preterm labor, third trimester, fetus 4	Diagnosis	ICD-10-CM
O6023X5	Term delivery with preterm labor, third trimester, fetus 5	Diagnosis	ICD-10-CM
O6023X9	Term delivery with preterm labor, third trimester, other fetus	Diagnosis	ICD-10-CM
O632	Delayed delivery of second twin, triplet, etc	Diagnosis	ICD-10-CM
O690XX1	Labor and delivery complicated by prolapse of cord, fetus 1	Diagnosis	ICD-10-CM
O690XX2	Labor and delivery complicated by prolapse of cord, fetus 2	Diagnosis	ICD-10-CM
O690XX3	Labor and delivery complicated by prolapse of cord, fetus 3	Diagnosis	ICD-10-CM
O690XX4	Labor and delivery complicated by prolapse of cord, fetus 4	Diagnosis	ICD-10-CM
O690XX5	Labor and delivery complicated by prolapse of cord, fetus 5	Diagnosis	ICD-10-CM
O690XX9	Labor and delivery complicated by prolapse of cord, other fetus	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
O691XX1	Labor and delivery complicated by cord around neck, with compression, fetus 1	Diagnosis	ICD-10-CM
O691XX2	Labor and delivery complicated by cord around neck, with compression, fetus 2	Diagnosis	ICD-10-CM
O691XX3	Labor and delivery complicated by cord around neck, with compression, fetus 3	Diagnosis	ICD-10-CM
O691XX4	Labor and delivery complicated by cord around neck, with compression, fetus 4	Diagnosis	ICD-10-CM
O691XX5	Labor and delivery complicated by cord around neck, with compression, fetus 5	Diagnosis	ICD-10-CM
O691XX9	Labor and delivery complicated by cord around neck, with compression, other fetus	Diagnosis	ICD-10-CM
O692XX1	Labor and delivery complicated by other cord entanglement, with compression, fetus 1	Diagnosis	ICD-10-CM
O692XX2	Labor and delivery complicated by other cord entanglement, with compression, fetus 2	Diagnosis	ICD-10-CM
O692XX3	Labor and delivery complicated by other cord entanglement, with compression, fetus 3	Diagnosis	ICD-10-CM
O692XX4	Labor and delivery complicated by other cord entanglement, with compression, fetus 4	Diagnosis	ICD-10-CM
O692XX5	Labor and delivery complicated by other cord entanglement, with compression, fetus 5	Diagnosis	ICD-10-CM
O692XX9	Labor and delivery complicated by other cord entanglement, with compression, other fetus	Diagnosis	ICD-10-CM
O693XX1	Labor and delivery complicated by short cord, fetus 1	Diagnosis	ICD-10-CM
O693XX2	Labor and delivery complicated by short cord, fetus 2	Diagnosis	ICD-10-CM
O693XX3	Labor and delivery complicated by short cord, fetus 3	Diagnosis	ICD-10-CM
O693XX4	Labor and delivery complicated by short cord, fetus 4	Diagnosis	ICD-10-CM
O693XX5	Labor and delivery complicated by short cord, fetus 5	Diagnosis	ICD-10-CM
O693XX9	Labor and delivery complicated by short cord, other fetus	Diagnosis	ICD-10-CM
O694XX1	Labor and delivery complicated by vasa previa, fetus 1	Diagnosis	ICD-10-CM
O694XX2	Labor and delivery complicated by vasa previa, fetus 2	Diagnosis	ICD-10-CM
O694XX3	Labor and delivery complicated by vasa previa, fetus 3	Diagnosis	ICD-10-CM
O694XX4	Labor and delivery complicated by vasa previa, fetus 4	Diagnosis	ICD-10-CM
O694XX5	Labor and delivery complicated by vasa previa, fetus 5	Diagnosis	ICD-10-CM
O694XX9	Labor and delivery complicated by vasa previa, other fetus	Diagnosis	ICD-10-CM
O695XX1	Labor and delivery complicated by vascular lesion of cord, fetus 1	Diagnosis	ICD-10-CM
O695XX2	Labor and delivery complicated by vascular lesion of cord, fetus 2	Diagnosis	ICD-10-CM
O695XX3	Labor and delivery complicated by vascular lesion of cord, fetus 3	Diagnosis	ICD-10-CM
O695XX4	Labor and delivery complicated by vascular lesion of cord, fetus 4	Diagnosis	ICD-10-CM
O695XX5	Labor and delivery complicated by vascular lesion of cord, fetus 5	Diagnosis	ICD-10-CM
O695XX9	Labor and delivery complicated by vascular lesion of cord, other fetus	Diagnosis	ICD-10-CM
O6981X2	Labor and delivery complicated by cord around neck, without compression, fetus 2	Diagnosis	ICD-10-CM
O6981X3	Labor and delivery complicated by cord around neck, without compression, fetus 3	Diagnosis	ICD-10-CM
O6981X4	Labor and delivery complicated by cord around neck, without compression, fetus 4	Diagnosis	ICD-10-CM
O6981X5	Labor and delivery complicated by cord around neck, without compression, fetus 5	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
O6981X9	Labor and delivery complicated by cord around neck, without compression, other fetus	Diagnosis	ICD-10-CM
O6982X1	Labor and delivery complicated by other cord entanglement, without compression, fetus 1	Diagnosis	ICD-10-CM
O6982X2	Labor and delivery complicated by other cord entanglement, without compression, fetus 2	Diagnosis	ICD-10-CM
O6982X3	Labor and delivery complicated by other cord entanglement, without compression, fetus 3	Diagnosis	ICD-10-CM
O6982X4	Labor and delivery complicated by other cord entanglement, without compression, fetus 4	Diagnosis	ICD-10-CM
O6982X5	Labor and delivery complicated by other cord entanglement, without compression, fetus 5	Diagnosis	ICD-10-CM
O6982X9	Labor and delivery complicated by other cord entanglement, without compression, other fetus	Diagnosis	ICD-10-CM
O6989X1	Labor and delivery complicated by other cord complications, fetus 1	Diagnosis	ICD-10-CM
O6989X2	Labor and delivery complicated by other cord complications, fetus 2	Diagnosis	ICD-10-CM
O6989X3	Labor and delivery complicated by other cord complications, fetus 3	Diagnosis	ICD-10-CM
O6989X4	Labor and delivery complicated by other cord complications, fetus 4	Diagnosis	ICD-10-CM
O6989X5	Labor and delivery complicated by other cord complications, fetus 5	Diagnosis	ICD-10-CM
O6989X9	Labor and delivery complicated by other cord complications, other fetus	Diagnosis	ICD-10-CM
O699XX1	Labor and delivery complicated by cord complication, unspecified, fetus 1	Diagnosis	ICD-10-CM
O699XX2	Labor and delivery complicated by cord complication, unspecified, fetus 2	Diagnosis	ICD-10-CM
O699XX3	Labor and delivery complicated by cord complication, unspecified, fetus 3	Diagnosis	ICD-10-CM
O699XX4	Labor and delivery complicated by cord complication, unspecified, fetus 4	Diagnosis	ICD-10-CM
O699XX5	Labor and delivery complicated by cord complication, unspecified, fetus 5	Diagnosis	ICD-10-CM
O699XX9	Labor and delivery complicated by cord complication, unspecified, other fetus	Diagnosis	ICD-10-CM
V270	Outcome of delivery, single liveborn	Diagnosis	ICD-9-CM
V272	Outcome of delivery, twins, both liveborn	Diagnosis	ICD-9-CM
V273	Outcome of delivery, twins, one liveborn and one stillborn	Diagnosis	ICD-9-CM
V275	Outcome of delivery, other multiple birth, all liveborn	Diagnosis	ICD-9-CM
V276	Outcome of delivery, other multiple birth, some liveborn	Diagnosis	ICD-9-CM
V30	Single liveborn	Diagnosis	ICD-9-CM
V300	Single liveborn, born in hospital	Diagnosis	ICD-9-CM
V3000	Single liveborn, born in hospital, delivered without mention of cesarean delivery	Diagnosis	ICD-9-CM
V3001	Single liveborn, born in hospital, delivered by cesarean delivery	Diagnosis	ICD-9-CM
V301	Single liveborn, born before admission to hospital	Diagnosis	ICD-9-CM
V302	Single liveborn, born outside hospital and not hospitalized	Diagnosis	ICD-9-CM
V31	Twin birth, mate liveborn	Diagnosis	ICD-9-CM
V310	Twin, mate liveborn, born in hospital	Diagnosis	ICD-9-CM
V3100	Twin, mate liveborn, born in hospital, delivered without mention of cesarean delivery	Diagnosis	ICD-9-CM
V3101	Twin, mate liveborn, born in hospital, delivered by cesarean delivery	Diagnosis	ICD-9-CM
V311	Twin birth, mate liveborn, born before admission to hospital	Diagnosis	ICD-9-CM
V312	Twin birth, mate liveborn, born outside hospital and not hospitalized	Diagnosis	ICD-9-CM
V32	Twin birth, mate stillborn	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
V320	Twin, mate stillborn, born in hospital	Diagnosis	ICD-9-CM
V3200	Twin, mate stillborn, born in hospital, delivered without mention of cesarean delivery	Diagnosis	ICD-9-CM
V3201	Twin, mate stillborn, born in hospital, delivered by cesarean delivery	Diagnosis	ICD-9-CM
V321	Twin birth, mate stillborn, born before admission to hospital	Diagnosis	ICD-9-CM
V322	Twin birth, mate stillborn, born outside hospital and not hospitalized	Diagnosis	ICD-9-CM
V33	Twin birth, unspecified whether mate liveborn or stillborn	Diagnosis	ICD-9-CM
V330	Twin, unspecified, born in hospital	Diagnosis	ICD-9-CM
V3300	Twin, unspecified whether mate stillborn or liveborn, born in hospital, delivered without mention of cesarean delivery	Diagnosis	ICD-9-CM
V3301	Twin, unspecified whether mate stillborn or liveborn, born in hospital, delivered by cesarean delivery	Diagnosis	ICD-9-CM
V331	Twin birth, unspecified whether mate liveborn or stillborn, born before admission to hospital	Diagnosis	ICD-9-CM
V332	Twin birth, unspecified whether mate liveborn or stillborn, born outside hospital and not hospitalized	Diagnosis	ICD-9-CM
V34	Other multiple birth (three or more), mates all liveborn	Diagnosis	ICD-9-CM
V340	Other multiple, mates all liveborn, born in hospital	Diagnosis	ICD-9-CM
V3400	Other multiple, mates all liveborn, born in hospital, delivered without mention of cesarean delivery	Diagnosis	ICD-9-CM
V3401	Other multiple, mates all liveborn, born in hospital, delivered by cesarean delivery	Diagnosis	ICD-9-CM
V341	Other multiple birth (three or more), mates all liveborn, born before admission to hospital	Diagnosis	ICD-9-CM
V342	Other multiple birth (three or more), mates all liveborn, born outside hospital and not hospitalized	Diagnosis	ICD-9-CM
V36	Other multiple birth (three or more), mates liveborn and stillborn	Diagnosis	ICD-9-CM
V360	Other multiple, mates liveborn and stillborn, born in hospital	Diagnosis	ICD-9-CM
V3600	Other multiple, mates liveborn and stillborn, born in hospital, delivered without mention of cesarean delivery	Diagnosis	ICD-9-CM
V3601	Other multiple, mates liveborn and stillborn, born in hospital, delivered by cesarean delivery	Diagnosis	ICD-9-CM
V361	Other multiple birth (three or more), mates liveborn and stillborn, born before admission to hospital	Diagnosis	ICD-9-CM
V362	Other multiple birth (three or more), mates liveborn and stillborn, born outside hospital and not hospitalized	Diagnosis	ICD-9-CM
V37	Other multiple birth (three or more), unspecified whether mates liveborn or stillborn	Diagnosis	ICD-9-CM
V370	Other multiple, unspecified whether mates stillborn or liveborn, born in hospital	Diagnosis	ICD-9-CM
V3700	Other multiple, unspecified whether mates stillborn or liveborn, born in hospital, delivered without mention of cesarean delivery	Diagnosis	ICD-9-CM
V3701	Other multiple, unspecified whether mates stillborn or liveborn, born in hospital, delivered by cesarean delivery	Diagnosis	ICD-9-CM
V371	Other multiple birth (three or more), unspecified whether mates liveborn or stillborn, born before admission to hospital	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
V372	Other multiple birth (three or more), unspecified whether mates liveborn or stillborn, born outside of hospital	Diagnosis	ICD-9-CM
Z370	Single live birth	Diagnosis	ICD-10-CM
Z372	Twins, both liveborn	Diagnosis	ICD-10-CM
Z373	Twins, one liveborn and one stillborn	Diagnosis	ICD-10-CM
Z3750	Multiple births, unspecified, all liveborn	Diagnosis	ICD-10-CM
Z3751	Triplets, all liveborn	Diagnosis	ICD-10-CM
Z3752	Quadruplets, all liveborn	Diagnosis	ICD-10-CM
Z3753	Quintuplets, all liveborn	Diagnosis	ICD-10-CM
Z3754	Sextuplets, all liveborn	Diagnosis	ICD-10-CM
Z3759	Other multiple births, all liveborn	Diagnosis	ICD-10-CM
Z3760	Multiple births, unspecified, some liveborn	Diagnosis	ICD-10-CM
Z3761	Triplets, some liveborn	Diagnosis	ICD-10-CM
Z3762	Quadruplets, some liveborn	Diagnosis	ICD-10-CM
Z3763	Quintuplets, some liveborn	Diagnosis	ICD-10-CM
Z3764	Sextuplets, some liveborn	Diagnosis	ICD-10-CM
Z3769	Other multiple births, some liveborn	Diagnosis	ICD-10-CM
Z3800	Single liveborn infant, delivered vaginally	Diagnosis	ICD-10-CM
Z3801	Single liveborn infant, delivered by cesarean	Diagnosis	ICD-10-CM
Z381	Single liveborn infant, born outside hospital	Diagnosis	ICD-10-CM
Z382	Single liveborn infant, unspecified as to place of birth	Diagnosis	ICD-10-CM
Z3830	Twin liveborn infant, delivered vaginally	Diagnosis	ICD-10-CM
Z3831	Twin liveborn infant, delivered by cesarean	Diagnosis	ICD-10-CM
Z384	Twin liveborn infant, born outside hospital	Diagnosis	ICD-10-CM
Z385	Twin liveborn infant, unspecified as to place of birth	Diagnosis	ICD-10-CM
Z3861	Triplet liveborn infant, delivered vaginally	Diagnosis	ICD-10-CM
Z3862	Triplet liveborn infant, delivered by cesarean	Diagnosis	ICD-10-CM
Z3863	Quadruplet liveborn infant, delivered vaginally	Diagnosis	ICD-10-CM
Z3864	Quadruplet liveborn infant, delivered by cesarean	Diagnosis	ICD-10-CM
Z3865	Quintuplet liveborn infant, delivered vaginally	Diagnosis	ICD-10-CM
Z3866	Quintuplet liveborn infant, delivered by cesarean	Diagnosis	ICD-10-CM
Z3868	Other multiple liveborn infant, delivered vaginally	Diagnosis	ICD-10-CM
Z3869	Other multiple liveborn infant, delivered by cesarean	Diagnosis	ICD-10-CM
Z387	Other multiple liveborn infant, born outside hospital	Diagnosis	ICD-10-CM
Z388	Other multiple liveborn infant, unspecified as to place of birth	Diagnosis	ICD-10-CM
Still Birth Delivery			
64601	Papryaceous fetus, delivered, with or without mention antepartum cond	Diagnosis	ICD-9-CM
65641	Intrauterine death, affecting management of mother, delivered, with or without mention of antepartum condition	Diagnosis	ICD-9-CM
7680	Fetal death from asphyxia or anoxia before onset of labor or at unspecified time	Diagnosis	ICD-9-CM
7681	Fetal death from asphyxia or anoxia during labor	Diagnosis	ICD-9-CM
O31.00X0	Papryaceous fetus, unspecified trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O31.00X1	Papryaceous fetus, unspecified trimester, fetus 1	Diagnosis	ICD-10-CM
O31.00X2	Papryaceous fetus, unspecified trimester, fetus 2	Diagnosis	ICD-10-CM
O31.00X3	Papryaceous fetus, unspecified trimester, fetus 3	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
O31.00X4	Papyraceous fetus, unspecified trimester, fetus 4	Diagnosis	ICD-10-CM
O31.00X5	Papyraceous fetus, unspecified trimester, fetus 5	Diagnosis	ICD-10-CM
O31.00X9	Papyraceous fetus, unspecified trimester, other fetus	Diagnosis	ICD-10-CM
O31.02X0	Papyraceous fetus, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O31.02X1	Papyraceous fetus, second trimester, fetus 1	Diagnosis	ICD-10-CM
O31.02X2	Papyraceous fetus, second trimester, fetus 2	Diagnosis	ICD-10-CM
O31.02X3	Papyraceous fetus, second trimester, fetus 3	Diagnosis	ICD-10-CM
O31.02X4	Papyraceous fetus, second trimester, fetus 4	Diagnosis	ICD-10-CM
O31.02X5	Papyraceous fetus, second trimester, fetus 5	Diagnosis	ICD-10-CM
O31.02X9	Papyraceous fetus, second trimester, other fetus	Diagnosis	ICD-10-CM
O31.03X0	Papyraceous fetus, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O31.03X1	Papyraceous fetus, third trimester, fetus 1	Diagnosis	ICD-10-CM
O31.03X2	Papyraceous fetus, third trimester, fetus 2	Diagnosis	ICD-10-CM
O31.03X3	Papyraceous fetus, third trimester, fetus 3	Diagnosis	ICD-10-CM
O31.03X4	Papyraceous fetus, third trimester, fetus 4	Diagnosis	ICD-10-CM
O31.03X5	Papyraceous fetus, third trimester, fetus 5	Diagnosis	ICD-10-CM
O31.03X9	Papyraceous fetus, third trimester, other fetus	Diagnosis	ICD-10-CM
O31.2	Continuing pregnancy after intrauterine death of one fetus or more	Diagnosis	ICD-10-CM
O31.20X	Continuing pregnancy after intrauterine death of one fetus or more, unspecified trimester	Diagnosis	ICD-10-CM
O31.20X0	Continuing pregnancy after intrauterine death of one fetus or more, unspecified trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O31.20X1	Continuing pregnancy after intrauterine death of one fetus or more, unspecified trimester, fetus 1	Diagnosis	ICD-10-CM
O31.20X2	Continuing pregnancy after intrauterine death of one fetus or more, unspecified trimester, fetus 2	Diagnosis	ICD-10-CM
O31.20X3	Continuing pregnancy after intrauterine death of one fetus or more, unspecified trimester, fetus 3	Diagnosis	ICD-10-CM
O31.20X4	Continuing pregnancy after intrauterine death of one fetus or more, unspecified trimester, fetus 4	Diagnosis	ICD-10-CM
O31.20X5	Continuing pregnancy after intrauterine death of one fetus or more, unspecified trimester, fetus 5	Diagnosis	ICD-10-CM
O31.20X9	Continuing pregnancy after intrauterine death of one fetus or more, unspecified trimester, other fetus	Diagnosis	ICD-10-CM
O31.22X	Continuing pregnancy after intrauterine death of one fetus or more, second trimester	Diagnosis	ICD-10-CM
O31.22X0	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM
O31.22X1	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 1	Diagnosis	ICD-10-CM
O31.22X2	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 2	Diagnosis	ICD-10-CM
O31.22X3	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 3	Diagnosis	ICD-10-CM

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

Code	Description	Code Category	Code Type
O31.22X4	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 4	Diagnosis	ICD-10-CM
O31.22X5	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, fetus 5	Diagnosis	ICD-10-CM
O31.22X9	Continuing pregnancy after intrauterine death of one fetus or more, second trimester, other fetus	Diagnosis	ICD-10-CM
O31.23X	Continuing pregnancy after intrauterine death of one fetus or more, third trimester	Diagnosis	ICD-10-CM
O31.23X1	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 1	Diagnosis	ICD-10-CM
O31.23X2	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 2	Diagnosis	ICD-10-CM
O31.23X3	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 3	Diagnosis	ICD-10-CM
O31.23X4	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 4	Diagnosis	ICD-10-CM
O31.23X5	Continuing pregnancy after intrauterine death of one fetus or more, third trimester, fetus 5	Diagnosis	ICD-10-CM
O36.4	Maternal care for intrauterine death	Diagnosis	ICD-10-CM
O36.4XX0	Maternal care for intrauterine death, not applicable or unspecified	Diagnosis	ICD-10-CM
O36.4XX1	Maternal care for intrauterine death, fetus 1	Diagnosis	ICD-10-CM
O36.4XX2	Maternal care for intrauterine death, fetus 2	Diagnosis	ICD-10-CM
O36.4XX3	Maternal care for intrauterine death, fetus 3	Diagnosis	ICD-10-CM
O36.4XX4	Maternal care for intrauterine death, fetus 4	Diagnosis	ICD-10-CM
O36.4XX5	Maternal care for intrauterine death, fetus 5	Diagnosis	ICD-10-CM
O36.4XX9	Maternal care for intrauterine death, other fetus	Diagnosis	ICD-10-CM
P95	Stillbirth	Diagnosis	ICD-10-CM
V271	Outcome of delivery, single stillborn	Diagnosis	ICD-9-CM
V273	Outcome of delivery, 1 liveborn & 1 stillborn	Diagnosis	ICD-9-CM
V274	Outcome of delivery, twins, both stillborn	Diagnosis	ICD-9-CM
V277	Outcome of delivery, other multiple birth, all stillborn	Diagnosis	ICD-9-CM
V32	Twin birth, mate stillborn	Diagnosis	ICD-9-CM
V320	Twin, mate stillborn, born in hospital	Diagnosis	ICD-9-CM
V3200	Twin birth, mate stillborn, born in hospital, delivered without mention of cesarean section	Diagnosis	ICD-9-CM
V3201	Twin, born in hospital, cesarean, mate stillborn	Diagnosis	ICD-9-CM
V321	Twin birth, mate stillborn, born before admission to hospital	Diagnosis	ICD-9-CM
V322	Twin birth, mate stillborn, born outside hospital and not hospitalized	Diagnosis	ICD-9-CM
V35	Other multiple birth (three or more), mates all stillborn	Diagnosis	ICD-9-CM
V350	Other multiple, mates all stillborn, born in hospital	Diagnosis	ICD-9-CM
V3500	Other multiple birth (three or more), mates all still born, born in hospital, delivered without mention of cesarean section	Diagnosis	ICD-9-CM
V3501	Other multiple birth (three or more), mates all still born, born in hospital, delivered by cesarean section	Diagnosis	ICD-9-CM

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

Code	Description	Code Category	Code Type
V351	Other multiple birth (three or more), mates all stillborn, born before admission to hospital	Diagnosis	ICD-9-CM
V352	Other multiple birth (three or more), mates all stillborn, born outside of hospital and not hospitalized	Diagnosis	ICD-9-CM
V36	Other multiple birth (three or more), mates liveborn and stillborn	Diagnosis	ICD-9-CM
V360	Other multiple, mates liveborn and stillborn, born in hospital	Diagnosis	ICD-9-CM
V3600	Other multiple birth (three or more), mates liveborn and stillborn, born in hospital, delivered without mention of cesarean section	Diagnosis	ICD-9-CM
V3601	Other multiple birth (three or more), mates liveborn and stillborn, born in hospital, delivered without mention of cesarean section	Diagnosis	ICD-9-CM
V361	Other multiple birth (three or more), mates liveborn and stillborn, born before admission to hospital	Diagnosis	ICD-9-CM
V362	Other multiple birth (three or more), mates liveborn and stillborn, born outside hospital and not hospitalized	Diagnosis	ICD-9-CM
Z37.1	Single stillbirth	Diagnosis	ICD-10-CM
Z37.3	Twins, one liveborn and one stillborn	Diagnosis	ICD-10-CM
Z37.4	Twins, both stillborn	Diagnosis	ICD-10-CM
Z37.7	Other multiple births, all stillborn	Diagnosis	ICD-10-CM
Progestin-only contraceptives - Intrauterine Device			
A4260	Levonorgestrel (contraceptive) implants system, including implants and supplies	Procedure	HCPCS
J7296	Levonorgestrel-releasing intrauterine contraceptive system, (Kyleena), 19.5 mg	Procedure	HCPCS
J7297	Levonorgestrel-releasing intrauterine contraceptive system (Liletta), 52 mg	Procedure	HCPCS
J7298	Levonorgestrel-releasing intrauterine contraceptive system (Mirena), 52 mg	Procedure	HCPCS
J7301	Levonorgestrel-releasing intrauterine contraceptive system (Skyla), 13.5 mg	Procedure	HCPCS
J7302	Levonorgestrel-releasing intrauterine contraceptive system, 52 mg	Procedure	HCPCS
J7306	Levonorgestrel (contraceptive) implant system, including implants and supplies	Procedure	HCPCS
Q0090	Levonorgestrel-releasing intrauterine contraceptive system, (Skyla), 13.5 mg	Procedure	HCPCS
Q9984	Levonorgestrel-releasing intrauterine contraceptive system (Kyleena), 19.5 mg	Procedure	HCPCS
S4980	Levonorgestrel - releasing intrauterine system, each	Procedure	HCPCS
S4981	Insertion of levonorgestrel-releasing intrauterine system	Procedure	HCPCS
Progestin-only contraceptives - Implant			
J7307	Etonogestrel (contraceptive) implant system, including implant and supplies	Procedure	HCPCS
S0180	Etonogestrel (contraceptive) implant system, including implant and supplies	Procedure	HCPCS
V25.5	Insertion of implantable subdermal contraceptive	Diagnosis	ICD-9-CM
Progestin-only contraceptives			
A4260	Levonorgestrel (contraceptive) implants system, including implants and supplies	Procedure	HCPCS
J1055	Injection, medroxyprogesterone acetate for contraceptive use, 150 mg	Procedure	HCPCS
J7296	Levonorgestrel-releasing intrauterine contraceptive system, (Kyleena), 19.5 mg	Procedure	HCPCS
J7297	Levonorgestrel-releasing intrauterine contraceptive system (Liletta), 52 mg	Procedure	HCPCS
J7298	Levonorgestrel-releasing intrauterine contraceptive system (Mirena), 52 mg	Procedure	HCPCS
J7301	Levonorgestrel-releasing intrauterine contraceptive system (Skyla), 13.5 mg	Procedure	HCPCS
J7302	Levonorgestrel-releasing intrauterine contraceptive system, 52 mg	Procedure	HCPCS
J7306	Levonorgestrel (contraceptive) implant system, including implants and supplies	Procedure	HCPCS
J7307	Etonogestrel (contraceptive) implant system, including implant and supplies	Procedure	HCPCS
Q0090	Levonorgestrel-releasing intrauterine contraceptive system, (Skyla), 13.5 mg	Procedure	HCPCS

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

Code	Description	Code Category	Code Type
Q9984	Levonorgestrel-releasing intrauterine contraceptive system (Kyleena), 19.5 mg	Procedure	HCPCS
S0180	Etonogestrel (contraceptive) implant system, including implant and supplies	Procedure	HCPCS
S4980	Levonorgestrel - releasing intrauterine system, each	Procedure	HCPCS
S4981	Insertion of levonorgestrel-releasing intrauterine system	Procedure	HCPCS
V25.5	Insertion of implantable subdermal contraceptive	Diagnosis	ICD-9-CM
Progestin-only contraceptives - DMPA			
J1055	Injection, medroxyprogesterone acetate for contraceptive use, 150 mg	Procedure	HCPCS

Appendix G. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request

Generic Name	Brand Name
Drospirinone	
drospirenone	Slynd
Combined Hormonal Contraceptives - Oral	
desogestrel-ethinyl estradiol	Apri
desogestrel-ethinyl estradiol	Caziant (28)
desogestrel-ethinyl estradiol	Cyclessa (28)
desogestrel-ethinyl estradiol	Cyred
desogestrel-ethinyl estradiol	Cyred EQ
desogestrel-ethinyl estradiol	Desogen
desogestrel-ethinyl estradiol	Emoquette
desogestrel-ethinyl estradiol	Enskyce
desogestrel-ethinyl estradiol	Isibloom
desogestrel-ethinyl estradiol	Juleber
desogestrel-ethinyl estradiol	Kalliga
desogestrel-ethinyl estradiol	Ortho-Cept (28)
desogestrel-ethinyl estradiol	Reclipsen (28)
desogestrel-ethinyl estradiol	Solia
desogestrel-ethinyl estradiol	Velivet Triphasic Regimen (28)
desogestrel-ethinyl estradiol	desogestrel-ethinyl estradiol
desogestrel-ethinyl estradiol/ethinyl estradiol	Azurette (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	Bekyree (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	Kariva (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	Kimidess (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	Mircette (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	Pimtrea (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	Simliya (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	Viorele (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	Volnea (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	desog-e.estradiol/e.estradiol
drospirenone/estetrol	Nextstellis
drospirenone/ethinyl estradiol/levomefolate calcium	Beyaz
drospirenone/ethinyl estradiol/levomefolate calcium	Rajani
drospirenone/ethinyl estradiol/levomefolate calcium	Safyral
drospirenone/ethinyl estradiol/levomefolate calcium	Tydemy
drospirenone/ethinyl estradiol/levomefolate calcium	drospirenone-e.estradiol-lm.FA
estradiol valerate/dienogest	Natazia
ethinyl estradiol/drospirenone	Gianvi (28)
ethinyl estradiol/drospirenone	Jasmiel (28)
ethinyl estradiol/drospirenone	Lo-Zumandimine (28)
ethinyl estradiol/drospirenone	Loryna (28)
ethinyl estradiol/drospirenone	Nikki (28)
ethinyl estradiol/drospirenone	Ocella
ethinyl estradiol/drospirenone	Syeda
ethinyl estradiol/drospirenone	Vestura (28)
ethinyl estradiol/drospirenone	YAZ (28)
ethinyl estradiol/drospirenone	Yasmin (28)
ethinyl estradiol/drospirenone	Zarah
ethinyl estradiol/drospirenone	Zumandimine (28)

Appendix G. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request

Generic Name	Brand Name
ethinyl estradiol/drospirenone	drospirenone-ethinyl estradiol
ethynodiol diacetate-ethinyl estradiol	Demulen 1/50 (28)
ethynodiol diacetate-ethinyl estradiol	Kelnor 1-50 (28)
ethynodiol diacetate-ethinyl estradiol	Kelnor 1/35 (28)
ethynodiol diacetate-ethinyl estradiol	Zovia 1-35 (28)
ethynodiol diacetate-ethinyl estradiol	Zovia 1/35E (28)
ethynodiol diacetate-ethinyl estradiol	Zovia 1/50E (28)
ethynodiol diacetate-ethinyl estradiol	ethynodiol diac-eth estradiol
levonorgestrel/ethinyl estradiol	Afirmelle
levonorgestrel/ethinyl estradiol	Altavera (28)
levonorgestrel/ethinyl estradiol	Amethyst (28)
levonorgestrel/ethinyl estradiol	Aubra
levonorgestrel/ethinyl estradiol	Aubra EQ
levonorgestrel/ethinyl estradiol	Aviane
levonorgestrel/ethinyl estradiol	Ayuna
levonorgestrel/ethinyl estradiol	Chateal (28)
levonorgestrel/ethinyl estradiol	Chateal EQ (28)
levonorgestrel/ethinyl estradiol	Delyla (28)
levonorgestrel/ethinyl estradiol	Dolishale
levonorgestrel/ethinyl estradiol	Enpresse
levonorgestrel/ethinyl estradiol	Falmina (28)
levonorgestrel/ethinyl estradiol	Iclevia
levonorgestrel/ethinyl estradiol	Introvale
levonorgestrel/ethinyl estradiol	Jolessa
levonorgestrel/ethinyl estradiol	Kurvelo (28)
levonorgestrel/ethinyl estradiol	Larissia
levonorgestrel/ethinyl estradiol	Lessina
levonorgestrel/ethinyl estradiol	Levonest (28)
levonorgestrel/ethinyl estradiol	Levora 0.15/30 (28)
levonorgestrel/ethinyl estradiol	Levora-28
levonorgestrel/ethinyl estradiol	Lillow (28)
levonorgestrel/ethinyl estradiol	Lutera (28)
levonorgestrel/ethinyl estradiol	Lybrel (28)
levonorgestrel/ethinyl estradiol	Marlissa (28)
levonorgestrel/ethinyl estradiol	Myzilra
levonorgestrel/ethinyl estradiol	Nordette (28)
levonorgestrel/ethinyl estradiol	Orsythia
levonorgestrel/ethinyl estradiol	Portia 28
levonorgestrel/ethinyl estradiol	Quasense
levonorgestrel/ethinyl estradiol	Seasonale (91)
levonorgestrel/ethinyl estradiol	Setlakin
levonorgestrel/ethinyl estradiol	Sronyx
levonorgestrel/ethinyl estradiol	Trivora (28)
levonorgestrel/ethinyl estradiol	Tyblume
levonorgestrel/ethinyl estradiol	Vienna
levonorgestrel/ethinyl estradiol	levonorg-eth estrad triphasic
levonorgestrel/ethinyl estradiol	levonorgestrel-ethinyl estrad
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Amethia

Appendix G. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request

Generic Name	Brand Name
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Amethia Lo
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Ashlyna
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Camrese
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Camrese Lo
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Daysee
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Fayosim
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Jaimiess
levonorgestrel/ethinyl estradiol and ethinyl estradiol	L norgest/e.estradiol-e.estradiol
levonorgestrel/ethinyl estradiol and ethinyl estradiol	LoJaimiess
levonorgestrel/ethinyl estradiol and ethinyl estradiol	LoSeasonique
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Quartette
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Rivelsa
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Seasonique
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Simpesse
levonorgestrel/ethinyl estradiol/ferrous bisglycinate	Balcoltra
norethindrone acetate-ethinyl estradiol	Aurovela 1.5/30 (21)
norethindrone acetate-ethinyl estradiol	Aurovela 1/20 (21)
norethindrone acetate-ethinyl estradiol	Femhrt 1/5
norethindrone acetate-ethinyl estradiol	Femhrt Low Dose
norethindrone acetate-ethinyl estradiol	Fyavolv
norethindrone acetate-ethinyl estradiol	Gildess 1.5/30 (21)
norethindrone acetate-ethinyl estradiol	Gildess 1/20 (21)
norethindrone acetate-ethinyl estradiol	Hailey
norethindrone acetate-ethinyl estradiol	Jevantique
norethindrone acetate-ethinyl estradiol	Jevantique Lo
norethindrone acetate-ethinyl estradiol	Jinteli
norethindrone acetate-ethinyl estradiol	Junel 1.5/30 (21)
norethindrone acetate-ethinyl estradiol	Junel 1/20 (21)
norethindrone acetate-ethinyl estradiol	Larin 1.5/30 (21)
norethindrone acetate-ethinyl estradiol	Larin 1/20 (21)
norethindrone acetate-ethinyl estradiol	Loestrin 1.5/30 (21)
norethindrone acetate-ethinyl estradiol	Loestrin 1/20 (21)
norethindrone acetate-ethinyl estradiol	Microgestin 1.5/30 (21)
norethindrone acetate-ethinyl estradiol	Microgestin 1/20 (21)
norethindrone acetate-ethinyl estradiol	norethindrone ac-eth estradiol
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Aurovela 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Aurovela Fe 1-20 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Aurovela Fe 1.5/30 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Blisovi 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Blisovi Fe 1.5/30 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Blisovi Fe 1/20 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Charlotte 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Estrostep Fe-28
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Finzala
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Gemmily
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Gildess 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Gildess FE 1.5/30 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Gildess FE 1/20 (28)

Appendix G. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request

Generic Name	Brand Name
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Hailey 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Hailey Fe 1.5/30 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Hailey Fe 1/20 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Junel FE 1.5/30 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Junel FE 1/20 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Junel Fe 24
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Larin 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Larin Fe 1.5/30 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Larin Fe 1/20 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Lo Loestrin Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Lo Minastrin Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Loestrin 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Loestrin Fe 1.5/30 (28-Day)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Loestrin Fe 1/20 (28-Day)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Lomedia 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Melodetta 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Merzee
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Mibelas 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Microgestin 24 FE
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Microgestin FE 1/20 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Microgestin Fe 1.5/30 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Minastrin 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Tarina 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Tarina Fe 1-20 EQ (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Tarina Fe 1/20 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Taysofy
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Taytulla
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Tilia Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Tri-Ligest Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	norethindrone-e.estradiol-iron
norethindrone-ethinyl estradiol	Alyacen 1/35 (28)
norethindrone-ethinyl estradiol	Alyacen 7/7/7 (28)
norethindrone-ethinyl estradiol	Aranelle (28)
norethindrone-ethinyl estradiol	Balziva (28)
norethindrone-ethinyl estradiol	Brevicon (28)
norethindrone-ethinyl estradiol	Briellyn
norethindrone-ethinyl estradiol	Cyclafem 1/35 (28)
norethindrone-ethinyl estradiol	Cyclafem 7/7/7 (28)
norethindrone-ethinyl estradiol	Dasetta 1/35 (28)
norethindrone-ethinyl estradiol	Dasetta 7/7/7 (28)
norethindrone-ethinyl estradiol	Gildagia
norethindrone-ethinyl estradiol	Leena 28
norethindrone-ethinyl estradiol	Modicon (28)
norethindrone-ethinyl estradiol	Necon 0.5/35 (28)
norethindrone-ethinyl estradiol	Necon 1/35 (28)
norethindrone-ethinyl estradiol	Necon 10/11 (28)
norethindrone-ethinyl estradiol	Necon 7/7/7 (28)
norethindrone-ethinyl estradiol	Norinyl 1/35 (28)

Appendix G. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request

Generic Name	Brand Name
norethindrone-ethinyl estradiol	Nortrel 0.5/35 (28)
norethindrone-ethinyl estradiol	Nortrel 1/35 (21)
norethindrone-ethinyl estradiol	Nortrel 1/35 (28)
norethindrone-ethinyl estradiol	Nortrel 7/7/7 (28)
norethindrone-ethinyl estradiol	Nylia 1/35 (28)
norethindrone-ethinyl estradiol	Nylia 7/7/7 (28)
norethindrone-ethinyl estradiol	Ortho-Novum 1/35 (28)
norethindrone-ethinyl estradiol	Ortho-Novum 7/7/7 (21)
norethindrone-ethinyl estradiol	Ortho-Novum 7/7/7 (28)
norethindrone-ethinyl estradiol	Ovcon-35 (28)
norethindrone-ethinyl estradiol	Ovcon-50 (28)
norethindrone-ethinyl estradiol	Philith
norethindrone-ethinyl estradiol	Pirmella
norethindrone-ethinyl estradiol	Tri-Norinyl (28)
norethindrone-ethinyl estradiol	Vyfemla (28)
norethindrone-ethinyl estradiol	Wera (28)
norethindrone-ethinyl estradiol	Zenchent (28)
norethindrone-ethinyl estradiol/ferrous fumarate	Femcon Fe
norethindrone-ethinyl estradiol/ferrous fumarate	Generess Fe
norethindrone-ethinyl estradiol/ferrous fumarate	Kaitlib Fe
norethindrone-ethinyl estradiol/ferrous fumarate	Layolis Fe
norethindrone-ethinyl estradiol/ferrous fumarate	Wymzya Fe
norethindrone-ethinyl estradiol/ferrous fumarate	Zenchent Fe
norethindrone-ethinyl estradiol/ferrous fumarate	Zeosa
norethindrone-ethinyl estradiol/ferrous fumarate	noreth-ethinyl estradiol-iron
norethindrone-mestranol	Necon 1/50 (28)
norethindrone-mestranol	Norinyl 1+50 (28)
norgestimate-ethinyl estradiol	Estarylla
norgestimate-ethinyl estradiol	Femynor
norgestimate-ethinyl estradiol	Mili
norgestimate-ethinyl estradiol	Mono-Linyah
norgestimate-ethinyl estradiol	Mononessa (28)
norgestimate-ethinyl estradiol	Nymyo
norgestimate-ethinyl estradiol	Ortho Tri-Cyclen (28)
norgestimate-ethinyl estradiol	Ortho Tri-Cyclen LO (28)
norgestimate-ethinyl estradiol	Ortho-Cyclen (28)
norgestimate-ethinyl estradiol	Previfem
norgestimate-ethinyl estradiol	Sprintec (28)
norgestimate-ethinyl estradiol	Tri Femynor
norgestimate-ethinyl estradiol	Tri-Estarylla
norgestimate-ethinyl estradiol	Tri-Linyah
norgestimate-ethinyl estradiol	Tri-Lo-Estarylla
norgestimate-ethinyl estradiol	Tri-Lo-Marzia
norgestimate-ethinyl estradiol	Tri-Lo-Mili
norgestimate-ethinyl estradiol	Tri-Lo-Sprintec
norgestimate-ethinyl estradiol	Tri-Mili
norgestimate-ethinyl estradiol	Tri-Nymyo
norgestimate-ethinyl estradiol	Tri-Previfem (28)

Appendix G. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request

Generic Name	Brand Name
norgestimate-ethinyl estradiol	Tri-Sprintec (28)
norgestimate-ethinyl estradiol	Tri-VyLibra
norgestimate-ethinyl estradiol	Tri-VyLibra Lo
norgestimate-ethinyl estradiol	TriNessa (28)
norgestimate-ethinyl estradiol	TriNessa Lo
norgestimate-ethinyl estradiol	VyLibra
norgestimate-ethinyl estradiol	norgestimate-ethinyl estradiol
norgestrel-ethinyl estradiol	Cryselle (28)
norgestrel-ethinyl estradiol	Elinest
norgestrel-ethinyl estradiol	Lo-Ovral (28)
norgestrel-ethinyl estradiol	Lo-Ovral (8)
norgestrel-ethinyl estradiol	Low-Ogestrel (28)
norgestrel-ethinyl estradiol	Ogestrel (28)
norgestrel-ethinyl estradiol	norgestrel-ethinyl estradiol
Combined Hormonal Contraceptives - Ring	
etonogestrel/ethinyl estradiol	EluRyng
etonogestrel/ethinyl estradiol	Haloette
etonogestrel/ethinyl estradiol	NuvaRing
etonogestrel/ethinyl estradiol	etonogestrel-ethinyl estradiol
segesterone acetate/ethinyl estradiol	Annovera
Combined Hormonal Contraceptives - Patch	
levonorgestrel/ethinyl estradiol	Twirla
norelgestromin/ethinyl estradiol	Ortho Evra
norelgestromin/ethinyl estradiol	Xulane
norelgestromin/ethinyl estradiol	Zafemy
Progestin-only contraceptives - Oral	
drospirenone	Slynd
levonorgestrel	After Pill
levonorgestrel	Aftera
levonorgestrel	EContra EZ
levonorgestrel	Econtra One-Step
levonorgestrel	Fallback Solo
levonorgestrel	Her Style
levonorgestrel	My Choice
levonorgestrel	My Way
levonorgestrel	New Day
levonorgestrel	Next Choice
levonorgestrel	Next Choice One Dose
levonorgestrel	Opcicon One-Step
levonorgestrel	Option-2
levonorgestrel	Plan B One-Step
levonorgestrel	React
levonorgestrel	Take Action
levonorgestrel	levonorgestrel
norethindrone	Camila
norethindrone	Deblitane
norethindrone	Errin
norethindrone	Heather

Appendix G. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request

Generic Name	Brand Name
norethindrone	Incassia
norethindrone	Jencycla
norethindrone	Jolivette
norethindrone	Lyleq
norethindrone	Lyza
norethindrone	Nor-Q-D
norethindrone	Nora-BE
norethindrone	Norlyda
norethindrone	Norlyroc
norethindrone	Ortho Micronor
norethindrone	Sharobel
norethindrone	Tulana
norethindrone	norethindrone (contraceptive)
Progestin-only contraceptives - Intrauterine Device	
levonorgestrel	Kyleena
levonorgestrel	Liletta
levonorgestrel	Mirena
levonorgestrel	Skyla
Combined Hormonal Contraceptives	
desogestrel-ethinyl estradiol	Apri
desogestrel-ethinyl estradiol	Caziant (28)
desogestrel-ethinyl estradiol	Cyclessa (28)
desogestrel-ethinyl estradiol	Cyred
desogestrel-ethinyl estradiol	Cyred EQ
desogestrel-ethinyl estradiol	Desogen
desogestrel-ethinyl estradiol	Emoquette
desogestrel-ethinyl estradiol	Enskyce
desogestrel-ethinyl estradiol	Isibloom
desogestrel-ethinyl estradiol	Juleber
desogestrel-ethinyl estradiol	Kalliga
desogestrel-ethinyl estradiol	Ortho-Cept (28)
desogestrel-ethinyl estradiol	Reclipsen (28)
desogestrel-ethinyl estradiol	Solia
desogestrel-ethinyl estradiol	Velivet Triphasic Regimen (28)
desogestrel-ethinyl estradiol	desogestrel-ethinyl estradiol
desogestrel-ethinyl estradiol/ethinyl estradiol	Azurette (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	Bekyree (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	Kariva (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	Kimidess (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	Mircette (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	Pimtrea (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	Simliya (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	Viorele (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	Volnea (28)
desogestrel-ethinyl estradiol/ethinyl estradiol	desog-e.estradiol/e.estradiol
drospirenone/estetrol	Nextstellis
drospirenone/ethinyl estradiol/levomefolate calcium	Beyaz
drospirenone/ethinyl estradiol/levomefolate calcium	Rajani

Appendix G. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request

Generic Name	Brand Name
drospirenone/ethinyl estradiol/levomefolate calcium	Safyral
drospirenone/ethinyl estradiol/levomefolate calcium	Tydemyl
drospirenone/ethinyl estradiol/levomefolate calcium	drospirenone-e.estradiol-lm.FA
estradiol valerate/dienogest	Natazia
ethinyl estradiol/drospirenone	Gianvi (28)
ethinyl estradiol/drospirenone	Jasmiel (28)
ethinyl estradiol/drospirenone	Lo-Zumandimine (28)
ethinyl estradiol/drospirenone	Loryna (28)
ethinyl estradiol/drospirenone	Nikki (28)
ethinyl estradiol/drospirenone	Ocella
ethinyl estradiol/drospirenone	Syeda
ethinyl estradiol/drospirenone	Vestura (28)
ethinyl estradiol/drospirenone	YAZ (28)
ethinyl estradiol/drospirenone	Yasmin (28)
ethinyl estradiol/drospirenone	Zarah
ethinyl estradiol/drospirenone	Zumandimine (28)
ethinyl estradiol/drospirenone	drospirenone-ethinyl estradiol
ethynodiol diacetate-ethinyl estradiol	Demulen 1/50 (28)
ethynodiol diacetate-ethinyl estradiol	Kelnor 1-50 (28)
ethynodiol diacetate-ethinyl estradiol	Kelnor 1/35 (28)
ethynodiol diacetate-ethinyl estradiol	Zovia 1-35 (28)
ethynodiol diacetate-ethinyl estradiol	Zovia 1/35E (28)
ethynodiol diacetate-ethinyl estradiol	Zovia 1/50E (28)
ethynodiol diacetate-ethinyl estradiol	ethynodiol diac-eth estradiol
etonogestrel/ethinyl estradiol	EluRyng
etonogestrel/ethinyl estradiol	Haloette
etonogestrel/ethinyl estradiol	NuvaRing
etonogestrel/ethinyl estradiol	etonogestrel-ethinyl estradiol
levonorgestrel/ethinyl estradiol	Afirmelle
levonorgestrel/ethinyl estradiol	Altavera (28)
levonorgestrel/ethinyl estradiol	Amethyst (28)
levonorgestrel/ethinyl estradiol	Aubra
levonorgestrel/ethinyl estradiol	Aubra EQ
levonorgestrel/ethinyl estradiol	Aviane
levonorgestrel/ethinyl estradiol	Ayuna
levonorgestrel/ethinyl estradiol	Chateal (28)
levonorgestrel/ethinyl estradiol	Chateal EQ (28)
levonorgestrel/ethinyl estradiol	Delyla (28)
levonorgestrel/ethinyl estradiol	Dolishale
levonorgestrel/ethinyl estradiol	Enpresse
levonorgestrel/ethinyl estradiol	Falmina (28)
levonorgestrel/ethinyl estradiol	Iclevia
levonorgestrel/ethinyl estradiol	Introvale
levonorgestrel/ethinyl estradiol	Jolessa
levonorgestrel/ethinyl estradiol	Kurvelo (28)
levonorgestrel/ethinyl estradiol	Larissia
levonorgestrel/ethinyl estradiol	Lessina
levonorgestrel/ethinyl estradiol	Levonest (28)

Appendix G. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request

Generic Name	Brand Name
levonorgestrel/ethinyl estradiol	Levora 0.15/30 (28)
levonorgestrel/ethinyl estradiol	Levora-28
levonorgestrel/ethinyl estradiol	Lillow (28)
levonorgestrel/ethinyl estradiol	Lutera (28)
levonorgestrel/ethinyl estradiol	Lybrel (28)
levonorgestrel/ethinyl estradiol	Marlissa (28)
levonorgestrel/ethinyl estradiol	Myzilra
levonorgestrel/ethinyl estradiol	Nordette (28)
levonorgestrel/ethinyl estradiol	Orsythia
levonorgestrel/ethinyl estradiol	Portia 28
levonorgestrel/ethinyl estradiol	Quasense
levonorgestrel/ethinyl estradiol	Seasonale (91)
levonorgestrel/ethinyl estradiol	Setlakin
levonorgestrel/ethinyl estradiol	Sronyx
levonorgestrel/ethinyl estradiol	Trivora (28)
levonorgestrel/ethinyl estradiol	Twirla
levonorgestrel/ethinyl estradiol	Tyblume
levonorgestrel/ethinyl estradiol	Vienna
levonorgestrel/ethinyl estradiol	levonorg-eth estrad triphasic
levonorgestrel/ethinyl estradiol	levonorgestrel-ethinyl estrad
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Amethia
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Amethia Lo
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Ashlyna
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Camrese
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Camrese Lo
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Daysee
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Fayosim
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Jaimiess
levonorgestrel/ethinyl estradiol and ethinyl estradiol	L norgest/e.estradiol-e.estrad
levonorgestrel/ethinyl estradiol and ethinyl estradiol	LoJaimiess
levonorgestrel/ethinyl estradiol and ethinyl estradiol	LoSeasonique
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Quartette
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Rivelsa
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Seasonique
levonorgestrel/ethinyl estradiol and ethinyl estradiol	Simpesse
levonorgestrel/ethinyl estradiol/ferrous bisglycinate	Balcoltra
norelgestromin/ethinyl estradiol	Ortho Evra
norelgestromin/ethinyl estradiol	Xulane
norelgestromin/ethinyl estradiol	Zafemy
norethindrone acetate-ethinyl estradiol	Aurovela 1.5/30 (21)
norethindrone acetate-ethinyl estradiol	Aurovela 1/20 (21)
norethindrone acetate-ethinyl estradiol	Femhrt 1/5
norethindrone acetate-ethinyl estradiol	Femhrt Low Dose
norethindrone acetate-ethinyl estradiol	Fyavolv
norethindrone acetate-ethinyl estradiol	Gildess 1.5/30 (21)
norethindrone acetate-ethinyl estradiol	Gildess 1/20 (21)
norethindrone acetate-ethinyl estradiol	Hailey
norethindrone acetate-ethinyl estradiol	Jevantique

Appendix G. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request

Generic Name	Brand Name
norethindrone acetate-ethinyl estradiol	Jevantique Lo
norethindrone acetate-ethinyl estradiol	Jinteli
norethindrone acetate-ethinyl estradiol	Junel 1.5/30 (21)
norethindrone acetate-ethinyl estradiol	Junel 1/20 (21)
norethindrone acetate-ethinyl estradiol	Larin 1.5/30 (21)
norethindrone acetate-ethinyl estradiol	Larin 1/20 (21)
norethindrone acetate-ethinyl estradiol	Loestrin 1.5/30 (21)
norethindrone acetate-ethinyl estradiol	Loestrin 1/20 (21)
norethindrone acetate-ethinyl estradiol	Microgestin 1.5/30 (21)
norethindrone acetate-ethinyl estradiol	Microgestin 1/20 (21)
norethindrone acetate-ethinyl estradiol	norethindrone ac-eth estradiol
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Aurovela 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Aurovela Fe 1-20 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Aurovela Fe 1.5/30 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Blisovi 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Blisovi Fe 1.5/30 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Blisovi Fe 1/20 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Charlotte 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Estrostep Fe-28
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Finzala
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Gemmily
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Gildess 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Gildess FE 1.5/30 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Gildess FE 1/20 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Hailey 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Hailey Fe 1.5/30 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Hailey Fe 1/20 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Junel FE 1.5/30 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Junel FE 1/20 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Junel Fe 24
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Larin 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Larin Fe 1.5/30 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Larin Fe 1/20 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Lo Loestrin Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Lo Minastrin Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Loestrin 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Loestrin Fe 1.5/30 (28-Day)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Loestrin Fe 1/20 (28-Day)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Lomedia 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Melodetta 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Merzee
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Mibelas 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Microgestin 24 FE
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Microgestin FE 1/20 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Microgestin Fe 1.5/30 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Minastrin 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Tarina 24 Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Tarina Fe 1-20 EQ (28)

Appendix G. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request

Generic Name	Brand Name
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Tarina Fe 1/20 (28)
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Taysofy
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Taytulla
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Tilia Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	Tri-Legest Fe
norethindrone acetate-ethinyl estradiol/ferrous fumarate	norethindrone-e.estradiol-iron
norethindrone-ethinyl estradiol	Alyacen 1/35 (28)
norethindrone-ethinyl estradiol	Alyacen 7/7/7 (28)
norethindrone-ethinyl estradiol	Aranelle (28)
norethindrone-ethinyl estradiol	Balziva (28)
norethindrone-ethinyl estradiol	Brevicon (28)
norethindrone-ethinyl estradiol	Briellyn
norethindrone-ethinyl estradiol	Cyclafem 1/35 (28)
norethindrone-ethinyl estradiol	Cyclafem 7/7/7 (28)
norethindrone-ethinyl estradiol	Dasetta 1/35 (28)
norethindrone-ethinyl estradiol	Dasetta 7/7/7 (28)
norethindrone-ethinyl estradiol	Gildagia
norethindrone-ethinyl estradiol	Leena 28
norethindrone-ethinyl estradiol	Modicon (28)
norethindrone-ethinyl estradiol	Necon 0.5/35 (28)
norethindrone-ethinyl estradiol	Necon 1/35 (28)
norethindrone-ethinyl estradiol	Necon 10/11 (28)
norethindrone-ethinyl estradiol	Necon 7/7/7 (28)
norethindrone-ethinyl estradiol	Norinyl 1/35 (28)
norethindrone-ethinyl estradiol	Nortrel 0.5/35 (28)
norethindrone-ethinyl estradiol	Nortrel 1/35 (21)
norethindrone-ethinyl estradiol	Nortrel 1/35 (28)
norethindrone-ethinyl estradiol	Nortrel 7/7/7 (28)
norethindrone-ethinyl estradiol	Nylia 1/35 (28)
norethindrone-ethinyl estradiol	Nylia 7/7/7 (28)
norethindrone-ethinyl estradiol	Ortho-Novum 1/35 (28)
norethindrone-ethinyl estradiol	Ortho-Novum 7/7/7 (21)
norethindrone-ethinyl estradiol	Ortho-Novum 7/7/7 (28)
norethindrone-ethinyl estradiol	Ovcon-35 (28)
norethindrone-ethinyl estradiol	Ovcon-50 (28)
norethindrone-ethinyl estradiol	Philith
norethindrone-ethinyl estradiol	Pirmella
norethindrone-ethinyl estradiol	Tri-Norinyl (28)
norethindrone-ethinyl estradiol	Vyfemla (28)
norethindrone-ethinyl estradiol	Wera (28)
norethindrone-ethinyl estradiol	Zenchent (28)
norethindrone-ethinyl estradiol/ferrous fumarate	Femcon Fe
norethindrone-ethinyl estradiol/ferrous fumarate	Generess Fe
norethindrone-ethinyl estradiol/ferrous fumarate	Kaitlib Fe
norethindrone-ethinyl estradiol/ferrous fumarate	Layolis Fe
norethindrone-ethinyl estradiol/ferrous fumarate	Wymzya Fe
norethindrone-ethinyl estradiol/ferrous fumarate	Zenchent Fe
norethindrone-ethinyl estradiol/ferrous fumarate	Zeosa

Appendix G. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request

Generic Name	Brand Name
norethindrone-ethinyl estradiol/ferrous fumarate	noreth-ethinyl estradiol-iron
norethindrone-mestranol	Necon 1/50 (28)
norethindrone-mestranol	Norinyl 1+50 (28)
norgestimate-ethinyl estradiol	Estarylla
norgestimate-ethinyl estradiol	Femynor
norgestimate-ethinyl estradiol	Mili
norgestimate-ethinyl estradiol	Mono-Linyah
norgestimate-ethinyl estradiol	Mononessa (28)
norgestimate-ethinyl estradiol	Nymyo
norgestimate-ethinyl estradiol	Ortho Tri-Cyclen (28)
norgestimate-ethinyl estradiol	Ortho Tri-Cyclen LO (28)
norgestimate-ethinyl estradiol	Ortho-Cyclen (28)
norgestimate-ethinyl estradiol	Previfem
norgestimate-ethinyl estradiol	Sprintec (28)
norgestimate-ethinyl estradiol	Tri Femynor
norgestimate-ethinyl estradiol	Tri-Estarylla
norgestimate-ethinyl estradiol	Tri-Linyah
norgestimate-ethinyl estradiol	Tri-Lo-Estarylla
norgestimate-ethinyl estradiol	Tri-Lo-Marzia
norgestimate-ethinyl estradiol	Tri-Lo-Mili
norgestimate-ethinyl estradiol	Tri-Lo-Sprintec
norgestimate-ethinyl estradiol	Tri-Mili
norgestimate-ethinyl estradiol	Tri-Nymyo
norgestimate-ethinyl estradiol	Tri-Previfem (28)
norgestimate-ethinyl estradiol	Tri-Sprintec (28)
norgestimate-ethinyl estradiol	Tri-VyLibra
norgestimate-ethinyl estradiol	Tri-VyLibra Lo
norgestimate-ethinyl estradiol	TriNessa (28)
norgestimate-ethinyl estradiol	TriNessa Lo
norgestimate-ethinyl estradiol	VyLibra
norgestimate-ethinyl estradiol	norgestimate-ethinyl estradiol
norgestrel-ethinyl estradiol	Cryselle (28)
norgestrel-ethinyl estradiol	Elinest
norgestrel-ethinyl estradiol	Lo-Ovral (28)
norgestrel-ethinyl estradiol	Lo-Ovral (8)
norgestrel-ethinyl estradiol	Low-Ogestrel (28)
norgestrel-ethinyl estradiol	Ogestrel (28)
norgestrel-ethinyl estradiol	norgestrel-ethinyl estradiol
segesterone acetate/ethinyl estradiol	Annovera
Progestin-only contraceptives	
drospirenone	Slynd
levonorgestrel	After Pill
levonorgestrel	Aftera
levonorgestrel	EContra EZ
levonorgestrel	Econtra One-Step
levonorgestrel	Fallback Solo
levonorgestrel	Her Style
levonorgestrel	Kyleena

Appendix G. List of Generic and Brand Names of Medical Products Used to Define Covariates in this Request

Generic Name	Brand Name
levonorgestrel	Liletta
levonorgestrel	Mirena
levonorgestrel	My Choice
levonorgestrel	My Way
levonorgestrel	New Day
levonorgestrel	Next Choice
levonorgestrel	Next Choice One Dose
levonorgestrel	Opcicon One-Step
levonorgestrel	Option-2
levonorgestrel	Plan B One-Step
levonorgestrel	React
levonorgestrel	Skyla
levonorgestrel	Take Action
levonorgestrel	levonorgestrel
medroxyprogesterone acetate	
medroxyprogesterone acetate	Depo-Provera
medroxyprogesterone acetate	Depo-SubQ provera 104
medroxyprogesterone acetate	medroxyprogesterone
norethindrone	Camila
norethindrone	Deblitane
norethindrone	Errin
norethindrone	Heather
norethindrone	Incassia
norethindrone	Jencycla
norethindrone	Jolivette
norethindrone	Lyleq
norethindrone	Lyza
norethindrone	Nor-Q-D
norethindrone	Nora-BE
norethindrone	Norlyda
norethindrone	Norlyroc
norethindrone	Ortho Micronor
norethindrone	Sharobel
norethindrone	Tulana
norethindrone	norethindrone (contraceptive)
Progestin-only contraceptives - DMPA	
medroxyprogesterone acetate	Depo-Provera
medroxyprogesterone acetate	Depo-SubQ provera 104
medroxyprogesterone acetate	medroxyprogesterone

Appendix H. Specifications Defining Parameters for this Request

The The Center for Drug Evaluation and Research (CDER) has requested execution of the Cohort Identification and Descriptive Analysis (CIDA) tool 14.0.0 to investigate the use of combined hormonal contraceptives among post partum patients in the Sentinel Distributed Database (SDD).

Query period: 1/1/2012 to 5/31/2024
Coverage requirement: *Medical & Drug Coverage
Pre-index enrollment requirement: 365 Days
Post-index requirement: 365 Days
Enrollment gap: 45 Days
Age groups: 18-24, 25-34, 35-45, 46+ years
Stratifications: Census Bureau Regions and Year
Censor output categorization: N/A
Treatment episode categorization: 0-29, 30-60, 61-90, 91-120, 121-150, 151-180, 181+
Distribution of index-defining codes: No
Envelope macro: *Reclassify encounters during inpatient stay as inpatient
Freeze data: No

Exposure

Run	Index Exposure	Cohort definition	Incident exposure washout period	Exclude evidence of days supply if exposure washout includes dispensings	Treatment Episode Gap	Treatment Episode Extension	Care setting	Principal diagnosis position	Create Baseline Table?
1	Any combined hormonal contraceptives (CHCs)	Include all valid exposure episodes during query period; only the first valid exposure episode's incidence is assessed using washout criteria (04)	365	*Washout lookback period should search for only evidence of a dispensing date	0	0	Any	N/A	Yes
1	Any Progestin-only contraceptives (POCs)	Include all valid exposure episodes during query period; only the first valid exposure episode's incidence is assessed using washout criteria (04)	365	*Washout lookback period should search for only evidence of a dispensing date	0	0	Any	N/A	Yes

Appendix H. Specifications Defining Parameters for this Request									
1	Progestin-only contraceptives (POCs) - depot medroxyprogesterone acetate (DMPA) only	Include all valid exposure episodes during query period; only the first valid exposure episode's incidence is assessed using washout criteria (04)	365	*Washout lookback period should search for only evidence of a dispensing date	0	0	Any	NA	Yes
ICD-9, ICD-10, HCPCS, and CPT codes are provided by Optum360. NDC codes are checked against First Data Bank's FDB MedKnowledge®. N/A: Not applicable									

Appendix H. Specifications Defining Parameters for this Request (Continued)

Exposure				
Run	Forced supply to attach to dispensings	Average Filled Daily Dose Category	Cumulative Dose Category	Current Filled Daily Dose Category
1	N/A	Categories to be output	Categories to be output	Categories to be output
1	N/A	Categories to be output	Categories to be output	Categories to be output
1	N/A	Categories to be output	Categories to be output	Categories to be output
ICD-9, ICD-10, HCPCS, and CPT codes are provided by Optum360. NDC codes are checked against First Data Bank's FDB MedKnowledge®. N/A: Not applicable				

Appendix H. Specifications Defining Parameters for this Request (Continued)

Inclusion/Exclusion Criteria						
Group	Inclusion/ Exclusion group	Criteria	Care Setting	Principal Diagnosis Position	Evaluation Period Start	Evaluation Period End
Any combined hormonal contraceptives (CHCs)	Live or still birth delivery	Inclusion	Inpatient (IP*)	Any	-42	-1
	Live or still birth delivery	Exclusion	Any	Any	0	365
	second contraceptive dispensing + live or still birth delivery (combo: second_disp)	Inclusion	Any	Any	1	365
	Live or still birth delivery	Inclusion	IP*	Any	-42	-1
Any Progestin-only contraceptives (POCs)	Live or still birth delivery	Exclusion	Any	Any	0	365
	second contraceptive dispensing + live or still birth delivery (combo: second_disp)	Inclusion	Any	Any	1	365
	Live or still birth delivery	Inclusion	IP*	Any	-42	-1
Progestin-only contraceptives (POCs) - DMPA only	Live or still birth delivery	Exclusion	Any	Any	0	365
	second contraceptive dispensing + live or still birth delivery (combo: second_disp)	Inclusion	Any	Any	1	365
	Live or still birth delivery	Inclusion	IP*	Any	-42	-1

Appendix H. Specifications Defining Parameters for this Request (Continued)

Inclusion/Exclusion Criteria			
Group	Exclude Evidence of Days Supply if Inclusion/Exclusion Evaluation Period Includes Dispensings	Number of Instances the Criteria Should be Found in Evaluation Period	Minimum Days Supplied
Any combined hormonal contraceptives (CHCs)	No - looking at days supply	1	NA
	No - looking at days supply	1	NA
	Yes - looking at dispensing date only, not days supply	1	1
Any Progestin-only contraceptives (POCs)	No - looking at days supply	1	NA
	No - looking at days supply	1	NA
	Yes - looking at dispensing date only, not days supply	1	1
Progestin-only contraceptives (POCs) - DMPA only	No - looking at days supply	1	NA
	No - looking at days supply	1	NA
	Yes - looking at dispensing date only, not days supply	1	1

N/A: Not applicable

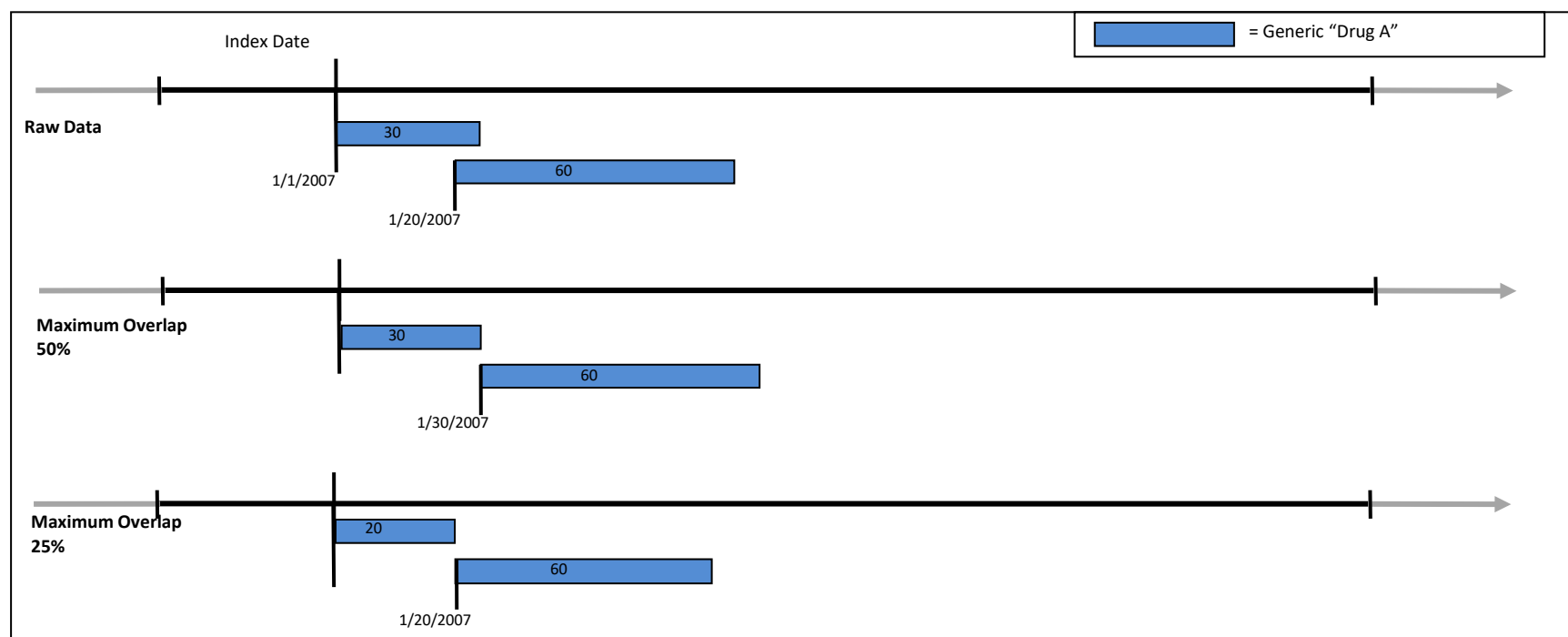
Appendix H. Specifications Defining Parameters for this Request (Continued)

Stockpiling

Stockpiling Group	Same Day Dispensing Processing for Days Supplied	Same Day Dispensing Processing for Amount Supplied	Range of Allowable Days Supplied Values	Range of Allowable Amount Supplied Values	Overlap Percentage*
Stockpiling by generic name	Adds all days supplied values for dispensings with the same code on the same day	Adds all amount values for dispensings in the same stockgroup on the same day	Does not consider days supplied values of 0 or less	Does not consider amount supplied values of 0 or less	No truncation will occur and any overlap of supply between dispensing will be corrected by pushing overlapping days supplied forward

Appendix H. Specifications Defining Parameters for this Request (Continued)

Stockpiling



Appendix H. Specifications Defining Parameters for this Request (Continued)

Combo

Combination description	Condition	Observation Window from Base	Encounter Type for Each Combination Component	Final Date of Combo
Second dispensing or administration for any contraceptive with prior live or still birth delivery	Any combined hormonal contraceptive (CHC) CHC or progestin-only contraceptive (POC) dispensing or administration	----	Any care setting	any CHC or POC
	Live or still birth delivery	(-365, -1)	Inpatient (IP*)	

Appendix H. Specifications Defining Baseline Characteristics for this Request

Covariates

Covariate Number	Covariate	Care Setting	Code Category	Evaluation Period Start	Evaluation Period End	Dispensing Date Only?	Number of Instances the Covariate Should be Found in Evaluation Period	Minimum Days Supplied	CC Covar?	Covarnum Components
1	Any combined hormonal contraceptive (CHC)	N/A	Prescription (RX)	1	365	Y	1	1	N	
2	Oral CHC	N/A	RX	1	365	Y	1	1	N	
3	Patch CHC	N/A	RX	1	365	Y	1	1	N	
4	Ring CHC	N/A	RX	1	365	Y	1	1	N	
5	Any progestin-only contraceptive (POC)	N/A	RX	1	365	Y	1	1	N	
6	Non-oral POCs	N/A	RX	1	365	Y	1	1	N	
7	Oral POCs	N/A	RX	1	365	Y	1	1	N	
8	Any CHC (2 instances)	N/A	RX	1	365	Y	2	1	N	
9	Oral CHC (2 instances)	N/A	RX	1	365	Y	2	1	N	
10	Patch CHC (2 instances)	N/A	RX	1	365	Y	2	1	N	
11	Ring CHC (2 instances)	N/A	RX	1	365	Y	2	1	N	
12	Any POC (2 instances)	N/A	RX	1	365	Y	2	1	N	
13	Non-oral POC (2 instances)	N/A	RX	1	365	Y	2	1	N	
14	Oral POC (2 instances)	N/A	RX	1	365	Y	2	1	N	
15	Live birth	IP	Diagnosis (DX)/PX	-42	-1	Y	1	1	N	
16	Live birth singleton	IP	DX/PX	-42	-1	Y	1	NA	N	
17	Live birth multiple	IP	DX/PX	-42	-1	Y	1	NA	N	
18	Still Birth	IP	DX/PX	-42	-1	Y	1	1	N	
19	Still birth singleton	IP	DX/PX	-42	-1	Y	1	NA	N	
20	Still birth multiple	IP	DX/PX	-42	-1	Y	1	NA	N	

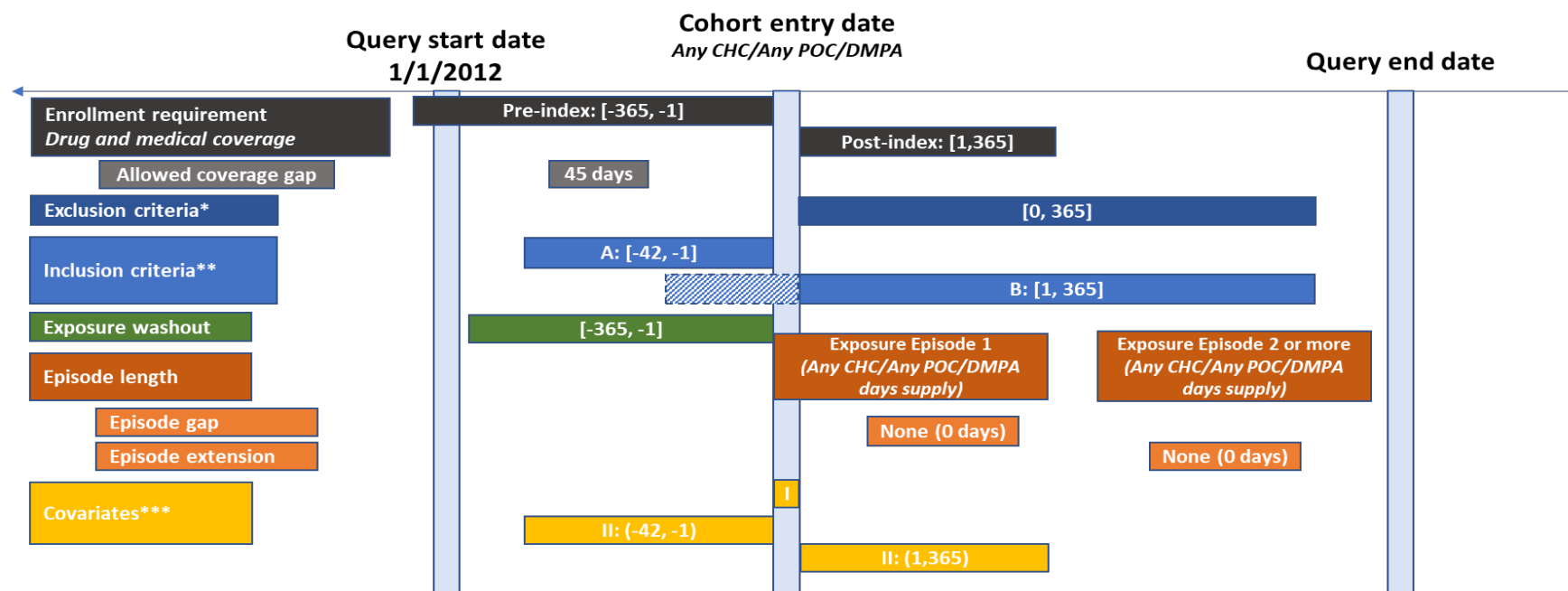
Appendix H. Specifications Defining Baseline Characteristics for this Request

Covariates

Covariate Number	Covariate	Care Setting	Code Category	Evaluation Period Start	Evaluation Period End	Dispensing Date Only?	Number of Instances the Covariate Should be Found in Evaluation Period	Minimum Days Supplied	CC Covar?	Covarnum Components
21	Live and still birth multiple	IP	DX/PX	-42	-1	Y	1	NA	N	
22	C-section	IP	DX/PX	-42	-1	Y	1	NA	N	
23	Vaginal delivery	IP	DX/PX	-42	-1	Y	1	NA	N	
25	Drosperinone	NA	RX	0	0	Y	1	1	N	
26	No use of CHC								Y	Not 1
27	No use of POC								Y	Not 5

N/A: Not applicable

Cohort Design for cder_mpl1r_wp248



***Exclusion Criteria**
Live-birth or stillbirth delivery

****Inclusion Criteria**
Window A: Live-birth or stillbirth delivery
Window B: Second CHC/POC dispensing post live or still birth delivery (combo)

*****Covariates:**
Window I: Age, year, race, sex
Window II: Live-birth, stillbirth, c-section, vaginal delivery
Window II: Contraceptive use