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The following report 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, post market studies, and adverse event reports, all of which are used by FDA to inform regulatory decisions regarding medical product safety. The information contained in this report is provided as part of FDA's commitment to place knowledge acquired from Sentinel in the public domain as soon as possible. Any public health actions taken by FDA regarding products involved in Sentinel queries will continue to be communicated through existing channels.

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

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

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Overview for Request: cder_mpl1r_wp156

Request ID: cder_mpl1r_wp156_nsdv_v01

Request Description: Our objective was to estimate use of hydroxyprogesterone caproate and progesterone during the second or third trimesters among pregnancies that ended with a live-birth delivery in the Sentinel Distributed Database (SDD).

Sentinel Routine Querying Module: Cohort Identification and Descriptive Analysis (CIDA) module, version 7.3.3

Data Source: We identified live-birth deliveries occurring between January 1, 2008 to April 30, 2019. We distributed this request on August 5, 2019 to 15 Data Partners contributing to the SDD. Please see Appendix A for a list of dates of available data for each Data Partner.

Study Design: We estimated prevalent use of hydroxyprogesterone caproate or progesterone in the second or third trimesters among women with live-birth deliveries. The number of members with an exposure during pregnancy was calculated overall and stratified by year of delivery, trimester, trimester and year of delivery, maternal age at delivery, and maternal age at delivery and calendar year of delivery.

Cohort Eligibility Criteria: To be included in the cohort, we required eligible women to be continuously enrolled in health plans with medical and drug coverage for at least 301 days prior to the live-birth delivery, during which gaps in coverage of up to 45 days were allowed. For live birth deliveries recorded in 2008, the pregnancy episode may include data from 2007 since we required 301 days of continuous enrollment prior to the delivery date. We included women in the following age groups: 10-17, 18-24, 25-34, 35-44, and 45-54 years.

Pregnancy Episode Creation: We defined pregnancies ending in a live-birth delivery using International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) and Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) diagnosis and procedure delivery codes.

The Medication Exposure in Pregnancy Risk Evaluation Program (MEPREP)¹ previously validated the ICD-9-CM algorithm to estimate pregnancy of duration. We updated the algorithm to include ICD-10-CM diagnosis codes indicative of weeks of gestation and ICD-9-CM and ICD-10-CM diagnosis codes for preterm and postterm deliveries to calculate the length of the pregnancy episode. Codes had to occur within 7 days of a delivery date in the inpatient care setting. In the absence of pre- or postterm codes, we set pregnancy duration to 273 days. We excluded pregnancies from the cohort if there was evidence of a prior delivery in the 301 days before the delivery date of interest. See Appendices B and C for more details about this algorithm and for a list of gestational age codes and live-birth delivery codes.

Medical Product Exposures of Interest: We identified use of hydroxyprogesterone caproate and progesterone with a specific focus on route of administration. Hydroxyprogesterone caproate routes of administration included injectable and bulk powder. Progesterone routes of administration included injectable, oral, vaginal, and bulk powder. Please see Appendix C for a list of generic and brand drug names and Appendix D for Healthcare Common Procedure Coding System (HCPCS) procedure codes used to define exposures in this request.

We defined exposures by the date of medical product of interest dispensing and did not create medical product exposure episodes. We assessed only dispensing dates that occurred during the second or third trimesters (91 days through 301 days after pregnancy start date) in this request.

Overview for Request: cder_mpl1r_wp156, continued

Conditions of Interest: We identified specific conditions indicated to the exposures of interest via inclusion criteria, defined both broadly and narrowly in various evaluation windows relative to the pregnancy start date.

Broadly-defined conditions of interest:

- History of preterm labor or delivery²
- Recorded personal history of preterm labor during the pregnancy of interest³
- History of preterm labor or delivery² OR Recorded personal history of preterm labor during the pregnancy of interest³
- Preterm labor or delivery during the pregnancy of interest³
- Cervical shortening during the pregnancy of interest or history of cervical shortening⁴
- Any of the broadly defined conditions⁴, including history of preterm labor or delivery OR recorded personal history of preterm labor OR preterm labor or delivery during the pregnancy of interest OR cervical shortening during the pregnancy of interest or history of cervical shortening

See Appendix E for a list of ICD-9-CM and ICD-10-CM diagnosis codes used to broadly define the conditions of interest.

Narrowly-defined conditions of interest:

- History of preterm delivery²
- History of preterm labor²
- Preterm delivery during the pregnancy of interest³
- Preterm labor during the pregnancy of interest³
- Cervical shortening during the pregnancy of interest³
- History of preterm delivery² OR Preterm labor during the pregnancy of interest³ OR Cervical shortening during the pregnancy of interest³
- [Preterm delivery during the pregnancy of interest³ AND History of preterm delivery²] OR [Preterm delivery during the pregnancy of interest³ AND Preterm labor during the pregnancy of interest³] OR [Preterm delivery during the pregnancy of interest³ AND Cervical shortening during the pregnancy of interest³]

See Appendix F for a list of ICD-9-CM and ICD-10-CM diagnosis codes used to narrowly define the conditions of interest.

Please refer to Appendix G for detailed specifications of parameters and Appendix H for a design diagram detailing medical product exposure assessment and related conditions of interest.

Limitations: Algorithms used to define exposures and pregnancy start are imperfect; thus, it is possible that there may be misclassification. Additionally, the validated algorithm we used identifies pregnancies resulting in a live-birth delivery only; pregnancies that did not result in live birth may be missing from this analysis.

Notes: Please contact the Sentinel Operations Center (info@sentinelssystem.org) for questions and to provide comments/suggestions for future enhancements to this document.

¹Li Q, Andrade SE, Cooper WO, et al. Validation of an algorithm to estimate gestational age in electronic health plan databases. *Pharmacoepidemiol Drug Saf* 2013;22:524-32.

²Evaluated throughout available enrollment history until the day before pregnancy start date.

³Evaluated from the day after pregnancy start date until 301 days after pregnancy start date.

⁴Evaluated throughout available enrollment history until 301 days after pregnancy start date.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

*all terms may not be used in this report

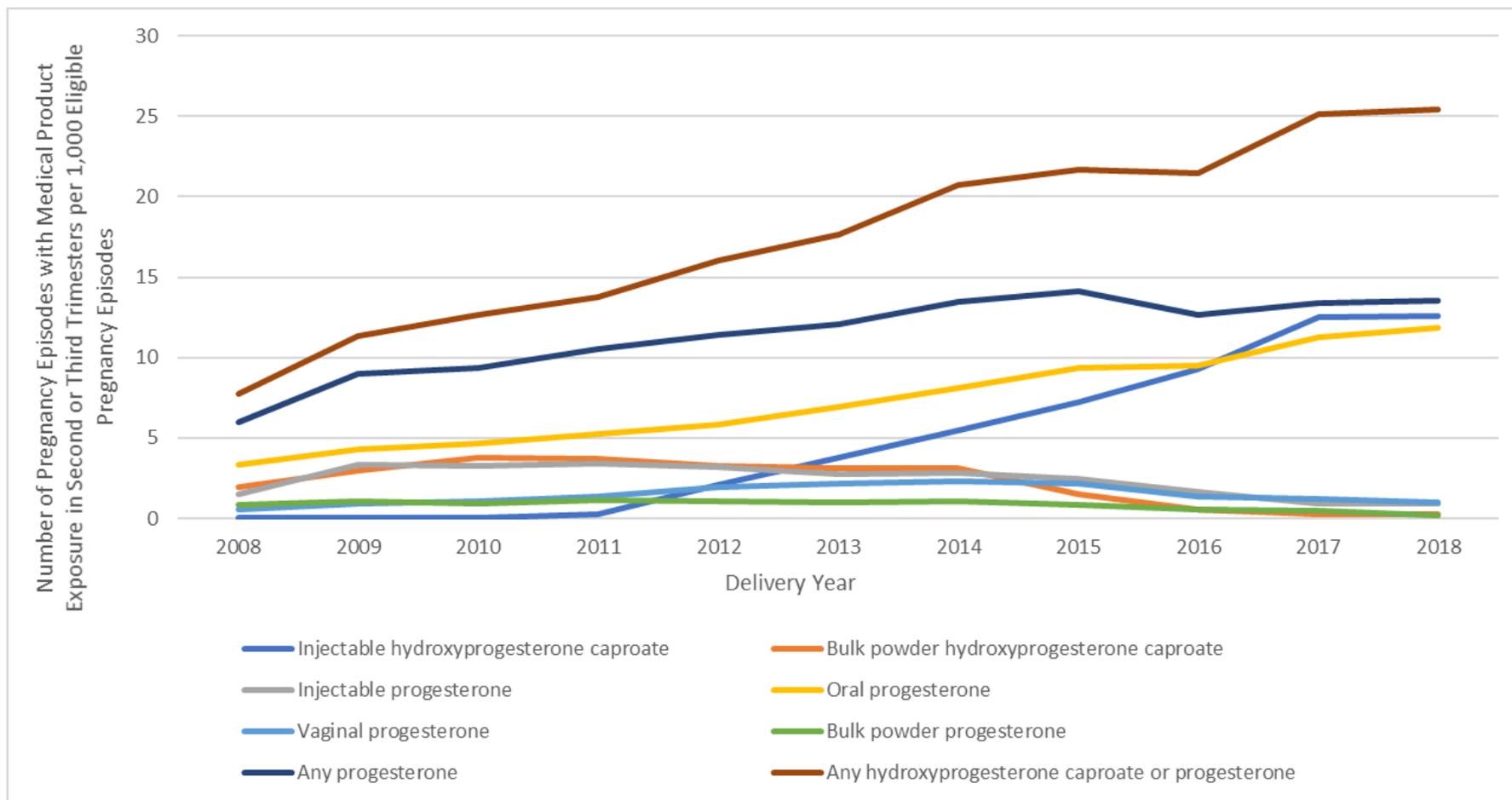
Table 1. Summary of Pregnancy Episodes with Prevalent Hydroxyprogesterone Caproate or Progesterone Use During the Second or Third Trimesters among Women with Live-Birth Deliveries in the Sentinel Distributed Database between January 1, 2008 and April 30, 2019, by Delivery Year

Total Number of Eligible Pregnant Women	Delivery Year												
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
2,912,911													
Total number of eligible pregnancy episodes	215,498	352,345	331,824	319,548	314,747	324,473	333,141	347,886	355,058	345,095	210,124	1,382	
Injectable hydroxyprogesterone caproate ¹	1	0	0	77	658	1,214	1,824	2,512	3,290	4,305	2,644	10	
Bulk powder hydroxyprogesterone caproate ²	425	1,045	1,244	1,179	1,034	1,092	1,046	523	199	78	52	0	
Injectable progesterone	327	1,183	1,071	1,098	995	972	935	867	595	328	190	0	
Oral progesterone	727	1,519	1,554	1,684	1,846	2,430	2,712	3,249	3,369	3,880	2,497	4	
Vaginal progesterone	124	320	350	424	611	760	776	743	494	428	204	0	
Bulk powder progesterone ²	174	367	299	354	341	352	361	303	203	159	31	0	
Any progesterone	1,291	3,175	3,100	3,352	3,585	4,259	4,493	4,916	4,501	4,629	2,839	4	
Any hydroxyprogesterone caproate or progesterone	1,661	4,002	4,192	4,394	5,034	6,227	6,905	7,553	7,624	8,666	5,344	13	

¹Although injectable hydroxyprogesterone caproate was approved in 2011, we noted one pregnancy episode with injectable hydroxyprogesterone caproate use in 2008. This is perhaps due to a coding error which may be observed in secondary claims data analyses and can only be confirmed with chart validation.

²Bulk powder products may vary in package size and total dose strength and may be further compounded. These products may not represent the actual dose administered to the patient.

Figure 1. Uptake of Hydroxyprogesterone Caproate or Progesterone Use in the Second or Third Trimesters among Women with Live-Birth Deliveries per 1,000 Eligible Pregnancy Episodes in the Sentinel Distributed Database between January 1, 2008 and December 31, 2018*, by Delivery Year



*Figure 1 does not include data for eligible pregnancies and medical product use in 2019 since data captured in 2019 is incomplete. See Appendix A for dates of available data among the participating Data Partners.

Table 2a. Summary of Pregnancy Episodes with Prevalent Hydroxyprogesterone Caproate or Progesterone Use During the Second or Third Trimesters among Women with Live-Birth Deliveries in the Sentinel Distributed Database between January 1, 2008 and April 30, 2019, by Pregnancy-Related Time Period

Total Number of Eligible Pregnant Women	Pregnancy-Related Time Periods				
	During Second or Third Trimesters	During Second Trimester	During Third Trimester	Only During Second Trimester	Only During Third Trimester
2,912,911					
Total number of eligible pregnancy episodes	3,451,121	3,451,121	3,444,579	3,451,121	3,444,579
Injectable hydroxyprogesterone caproate	16,535	15,003	14,108	2,427	1,532
Bulk powder hydroxyprogesterone caproate ¹	7,917	6,778	6,268	1,649	1,139
Injectable progesterone	8,561	7,336	5,391	3,170	1,225
Oral progesterone	25,471	21,394	11,031	14,440	4,077
Vaginal progesterone	5,234	4,263	2,233	3,001	971
Bulk powder progesterone ¹	2,944	2,381	1,346	1,598	563
Any progesterone	40,144	33,900	19,585	20,559	6,244
Any hydroxyprogesterone caproate or progesterone	61,615	53,722	38,920	22,695	7,893

¹Bulk powder products may vary in package size and total dose strength and may be further compounded. These products may not represent the actual dose administered to the patient.

Table 2b. Summary of Pregnancy Episodes with Prevalent Hydroxyprogesterone Caproate or Progesterone Use During the Second or Third Trimesters among Women with Live-Birth Deliveries in the Sentinel Distributed Database between January 1, 2008 and April 30, 2019, by Pregnancy-Related Time Period and Delivery Year

Delivery Year	Total Number of Eligible Pregnant Women	Pregnancy-Related Time Periods				
		During Second or Third Trimesters	During Second Trimester	During Third Trimester	Only During Second Trimester	Only During Third Trimester
2,912,911						
Total number of eligible pregnancy episodes		3,451,121	3,451,121	3,444,579	3,451,121	3,444,579
Injectable Hydroxyprogesterone Caproate						
Total		16,535	15,003	14,108	2,427	1,532
2008		1	1	0	1	0
2009		0	0	0	0	0
2010		0	0	0	0	0
2011		77	54	62	15	23
2012		658	471	514	144	187
2013		1,214	1,029	970	244	185
2014		1,824	1,566	1,589	235	258
2015		2,512	2,261	2,094	418	251
2016		3,290	3,063	2,802	488	227
2017		4,305	4,029	3,725	580	276
2018		2,644	2,520	2,347	297	124
2019		10	9	5	5	1
Bulk Powder Hydroxyprogesterone Caproate¹						
Total		7,917	6,778	6,268	1,649	1,139
2008		425	346	336	89	79
2009		1,045	879	832	213	166
2010		1,244	1,053	1,068	176	191
2011		1,179	997	907	272	182
2012		1,034	854	803	231	180
2013		1,092	927	858	234	165
2014		1,046	924	830	216	122
2015		523	490	389	134	33
2016		199	186	142	57	13
2017		78	73	64	14	5
2018		52	49	39	13	3
2019		0	0	0	0	0

Table 2b. Summary of Pregnancy Episodes with Prevalent Hydroxyprogesterone Caproate or Progesterone Use During the Second or Third Trimesters among Women with Live-Birth Deliveries in the Sentinel Distributed Database between January 1, 2008 and April 30, 2019, by Pregnancy-Related Time Period and Delivery Year

Delivery Year	Total Number of Eligible Pregnant Women	Pregnancy-Related Time Periods				
		During Second or Third Trimesters	During Second Trimester	During Third Trimester	Only During Second Trimester	Only During Third Trimester
2,912,911						
Total number of eligible pregnancy episodes		3,451,121	3,451,121	3,444,579	3,451,121	3,444,579
Injectable Progesterone						
Total		8,561	7,336	5,391	3,170	1,225
2008		327	259	185	142	68
2009		1,183	963	794	389	220
2010		1,071	894	739	332	177
2011		1,098	928	760	338	170
2012		995	865	675	320	130
2013		972	860	607	365	112
2014		935	835	525	410	100
2015		867	764	500	367	103
2016		595	532	396	199	63
2017		328	277	137	191	51
2018		190	159	73	117	31
2019		0	0	0	0	0
Oral Progesterone						
Total		25,471	21,394	11,031	14,440	4,077
2008		727	646	211	516	81
2009		1,519	1,360	403	1,116	159
2010		1,554	1,339	486	1,068	215
2011		1,684	1,433	573	1,111	251
2012		1,846	1,513	740	1,106	333
2013		2,430	1,933	1,135	1,295	497
2014		2,712	2,164	1,291	1,421	548
2015		3,249	2,619	1,574	1,675	630
2016		3,369	2,846	1,636	1,733	523
2017		3,880	3,368	1,769	2,111	512
2018		2,497	2,169	1,210	1,287	328
2019		4	4	3	1	0

Table 2b. Summary of Pregnancy Episodes with Prevalent Hydroxyprogesterone Caproate or Progesterone Use During the Second or Third Trimesters among Women with Live-Birth Deliveries in the Sentinel Distributed Database between January 1, 2008 and April 30, 2019, by Pregnancy-Related Time Period and Delivery Year

Delivery Year	Total Number of Eligible Pregnant Women	Pregnancy-Related Time Periods				
		During Second or Third Trimesters	During Second Trimester	During Third Trimester	Only During Second Trimester	Only During Third Trimester
2,912,911						
Total number of eligible pregnancy episodes		3,451,121	3,451,121	3,444,579	3,451,121	3,444,579
Vaginal Progesterone						
Total		5,234	4,263	2,233	3,001	971
2008		124	111	27	97	13
2009		320	285	84	236	35
2010		350	312	72	278	38
2011		424	352	138	286	72
2012		611	484	272	339	127
2013		760	586	370	390	174
2014		776	589	387	389	187
2015		743	613	324	419	130
2016		494	405	251	243	89
2017		428	355	207	221	73
2018		204	171	101	103	33
2019		0	0	0	0	0
Bulk Powder Progesterone¹						
Total		2,944	2,381	1,346	1,598	563
2008		174	153	43	131	21
2009		367	329	106	261	38
2010		299	247	100	199	52
2011		354	295	127	227	59
2012		341	268	155	186	73
2013		352	255	199	153	97
2014		361	260	200	161	101
2015		303	250	172	131	53
2016		203	164	121	82	39
2017		159	135	100	59	24
2018		31	25	23	8	6
2019		0	0	0	0	0

Table 2b. Summary of Pregnancy Episodes with Prevalent Hydroxyprogesterone Caproate or Progesterone Use During the Second or Third Trimesters among Women with Live-Birth Deliveries in the Sentinel Distributed Database between January 1, 2008 and April 30, 2019, by Pregnancy-Related Time Period and Delivery Year

Delivery Year	Total Number of Eligible Pregnant Women	Pregnancy-Related Time Periods				
		During Second or Third Trimesters	During Second Trimester	During Third Trimester	Only During Second Trimester	Only During Third Trimester
2,912,911						
Total number of eligible pregnancy episodes		3,451,121	3,451,121	3,444,579	3,451,121	3,444,579
Any Progesterone						
Total		40,144	33,900	19,585	20,559	6,244
2008		1,291	1,124	455	836	167
2009		3,175	2,774	1,359	1,816	401
2010		3,100	2,657	1,372	1,728	443
2011		3,352	2,849	1,565	1,787	503
2012		3,585	2,989	1,802	1,783	596
2013		4,259	3,461	2,252	2,007	798
2014		4,493	3,654	2,345	2,148	839
2015		4,916	4,084	2,519	2,397	832
2016		4,501	3,832	2,355	2,146	669
2017		4,629	4,014	2,174	2,455	615
2018		2,839	2,458	1,384	1,455	381
2019		4	4	3	1	0
Any Hydroxyprogesterone Caproate or Progesterone						
Total		61,615	53,722	38,920	22,695	7,893
2008		1,661	1,431	773	888	230
2009		4,002	3,532	2,105	1,897	470
2010		4,192	3,618	2,387	1,805	574
2011		4,394	3,770	2,454	1,940	624
2012		5,034	4,176	3,020	2,014	858
2013		6,227	5,214	3,943	2,284	1,013
2014		6,905	5,846	4,597	2,308	1,059
2015		7,553	6,564	4,880	2,673	989
2016		7,624	6,808	5,191	2,433	816
2017		8,666	7,868	5,853	2,813	798
2018		5,344	4,883	3,709	1,635	461
2019		13	12	8	5	1

¹Bulk powder products may vary in package size and total dose strength and may be further compounded. These products may not represent the actual dose administered to the patient.
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Table 3a. Summary of Pregnancy Episodes with Prevalent Hydroxyprogesterone Caproate or Progesterone Use During the Second or Third Trimesters among Women with Live-Birth Deliveries in the Sentinel Distributed Database between January 1, 2008 and April 30, 2019, by Maternal Age at Delivery

	Maternal Age					
	Total Number of Eligible Pregnant Women	10-17 years	18-24 years	25-34 years	35-44 years	45-54 years
	2,912,911					
Total number of eligible pregnancy episodes		37,694	517,776	2,111,486	767,486	16,679
Injectable hydroxyprogesterone caproate		11	1,440	9,480	5,541	63
Bulk powder hydroxyprogesterone caproate ¹		31	1,008	4,560	2,281	37
Injectable progesterone		21	697	4,750	2,940	153
Oral progesterone		104	2,349	14,580	8,113	325
Vaginal progesterone		12	268	2,784	2,046	124
Bulk powder progesterone ¹		5	150	1,606	1,091	92
Any progesterone		142	3,376	22,653	13,365	608
Any hydroxyprogesterone caproate or progesterone		180	5,518	35,018	20,210	689

¹Bulk powder products may vary in package size and total dose strength and may be further compounded. These products may not represent the actual dose administered to the patient.

Table 3b. Summary of Pregnancy Episodes with Prevalent Hydroxyprogesterone Caproate or Progesterone Use During the Second or Third Trimesters among Women with Live-Birth Deliveries in the Sentinel Distributed Database between January 1, 2008 and April 30, 2019, by Maternal Age at Delivery and Delivery Year

Delivery Year	Total Number of Eligible Pregnant Women	Maternal Age				
		10-17 years	18-24 years	25-34 years	35-44 years	45-54 years
2,912,911						
Total number of eligible pregnancy episodes		37,694	517,776	2,111,486	767,486	16,679
Injectable Hydroxyprogesterone Caproate						
Total		11	1,440	9,480	5,541	63
2008		0	0	0	1	0
2009		0	0	0	0	0
2010		0	0	0	0	0
2011		0	9	42	26	0
2012		1	62	385	210	0
2013		1	117	712	381	3
2014		2	182	1,031	603	6
2015		2	235	1,450	816	9
2016		3	314	1,893	1,071	9
2017		2	369	2,463	1,452	19
2018		0	149	1,499	979	17
2019		0	3	5	2	0
Bulk Powder Hydroxyprogesterone Caproate¹						
Total		31	1,008	4,560	2,281	37
2008		6	75	229	115	0
2009		2	112	592	333	6
2010		9	161	717	352	5
2011		3	149	679	342	6
2012		3	139	599	290	3
2013		8	180	619	279	6
2014		0	135	590	315	6
2015		0	39	328	153	3
2016		0	10	127	60	2
2017		0	5	47	26	0
2018		0	3	33	16	0
2019		0	0	0	0	0

Table 3b. Summary of Pregnancy Episodes with Prevalent Hydroxyprogesterone Caproate or Progesterone Use During the Second or Third Trimesters among Women with Live-Birth Deliveries in the Sentinel Distributed Database between January 1, 2008 and April 30, 2019, by Maternal Age at Delivery and Delivery Year

Delivery Year	Total Number of Eligible Pregnant Women	Maternal Age				
		10-17 years	18-24 years	25-34 years	35-44 years	45-54 years
	2,912,911					
Total number of eligible pregnancy episodes		37,694	517,776	2,111,486	767,486	16,679
Injectable Progesterone						
Total		21	697	4,750	2,940	153
2008		1	29	163	127	7
2009		2	93	669	396	23
2010		4	110	585	357	15
2011		7	97	630	355	9
2012		2	72	577	330	14
2013		1	65	550	337	19
2014		1	80	497	334	23
2015		0	64	477	301	25
2016		2	57	335	194	7
2017		0	21	166	133	8
2018		1	9	101	76	3
2019		0	0	0	0	0
Oral Progesterone						
Total		104	2,349	14,580	8,113	325
2008		9	68	416	223	11
2009		5	118	858	510	28
2010		6	135	885	512	16
2011		10	133	971	545	25
2012		13	166	1,083	562	22
2013		11	215	1,469	710	25
2014		10	256	1,525	885	36
2015		15	350	1,850	991	43
2016		12	325	1,917	1,075	40
2017		9	404	2,157	1,258	52
2018		4	179	1,447	840	27
2019		0	0	2	2	0

Table 3b. Summary of Pregnancy Episodes with Prevalent Hydroxyprogesterone Caproate or Progesterone Use During the Second or Third Trimesters among Women with Live-Birth Deliveries in the Sentinel Distributed Database between January 1, 2008 and April 30, 2019, by Maternal Age at Delivery and Delivery Year

Delivery Year	Total Number of Eligible Pregnant Women	Maternal Age				
		10-17 years	18-24 years	25-34 years	35-44 years	45-54 years
2,912,911						
Total number of eligible pregnancy episodes		37,694	517,776	2,111,486	767,486	16,679
Vaginal Progesterone						
Total		12	268	2,784	2,046	124
2008		1	4	62	54	3
2009		1	15	169	128	7
2010		0	9	174	156	11
2011		0	21	240	155	8
2012		3	24	344	230	10
2013		5	41	387	309	18
2014		1	52	407	301	15
2015		0	43	394	283	23
2016		1	24	279	176	14
2017		0	25	216	178	9
2018		0	10	112	76	6
2019		0	0	0	0	0
Bulk Powder Progesterone¹						
Total		5	150	1,606	1,091	92
2008		0	5	88	68	13
2009		0	17	178	159	13
2010		1	14	149	124	11
2011		0	17	181	146	10
2012		0	20	206	107	8
2013		1	16	195	126	14
2014		2	23	209	116	11
2015		0	17	166	112	8
2016		0	8	126	67	2
2017		1	12	93	52	1
2018		0	1	15	14	1
2019		0	0	0	0	0

Table 3b. Summary of Pregnancy Episodes with Prevalent Hydroxyprogesterone Caproate or Progesterone Use During the Second or Third Trimesters among Women with Live-Birth Deliveries in the Sentinel Distributed Database between January 1, 2008 and April 30, 2019, by Maternal Age at Delivery and Delivery Year

Delivery Year	Total Number of Eligible Pregnant Women	Maternal Age				
		10-17 years	18-24 years	25-34 years	35-44 years	45-54 years
2,912,911						
Total number of eligible pregnancy episodes		37,694	517,776	2,111,486	767,486	16,679
Any Progesterone						
Total		142	3,376	22,653	13,365	608
2008		11	105	703	446	26
2009		8	230	1,770	1,106	61
2010		11	263	1,712	1,069	45
2011		17	259	1,930	1,101	45
2012		18	276	2,097	1,150	44
2013		18	331	2,467	1,376	67
2014		14	390	2,482	1,532	75
2015		15	463	2,750	1,600	88
2016		15	408	2,563	1,458	57
2017		10	454	2,546	1,555	64
2018		5	197	1,631	970	36
2019		0	0	2	2	0
Any Hydroxyprogesterone Caproate or Progesterone						
Total		180	5,518	35,018	20,210	689
2008		17	174	900	544	26
2009		10	325	2,245	1,356	66
2010		20	400	2,355	1,367	50
2011		19	385	2,533	1,407	50
2012		22	454	2,943	1,569	46
2013		26	581	3,614	1,933	73
2014		16	654	3,840	2,311	84
2015		17	697	4,296	2,446	97
2016		17	702	4,368	2,470	67
2017		11	805	4,868	2,904	78
2018		5	338	3,049	1,900	52
2019		0	3	7	3	0

¹Bulk powder products may vary in package size and total dose strength and may be further compounded. These products may not represent the actual dose administered to the patient.

Table 4a. Proportion of Pregnancy Episodes with Related Conditions and Prevalent Hydroxyprogesterone Caproate or Progesterone Use During the Second or Third Trimesters among Women with Live-Birth Deliveries in the Sentinel Distributed Database between January 1, 2008 and April 30, 2019

	Injectable Hydroxyprogesterone Caproate		Bulk Powder Hydroxyprogesterone Caproate ⁵		Injectable Progesterone		Oral Progesterone	
	Number of Episodes	Percent	Number of Episodes	Percent	Number of Episodes	Percent	Number of Episodes	Percent
Number of Pregnancy Episodes with Medical Product Exposure	16,535		7,917		8,561		25,471	
Broadly-Defined Related Conditions								
History of preterm labor or delivery ¹	8,194	49.6%	3,371	42.6%	2,454	28.7%	4,930	19.4%
Recorded personal history of preterm labor during the pregnancy of interest ²	15,112	91.4%	5,498	69.4%	4,850	56.7%	5,280	20.7%
History of preterm labor or delivery ¹ <u>OR</u> Recorded personal history of preterm labor during the pregnancy of interest ²	15,696	94.9%	6,387	80.7%	5,381	62.9%	7,902	31.0%
Preterm labor or delivery during the pregnancy of interest ²	8,861	53.6%	5,811	73.4%	5,710	66.7%	12,875	50.5%
Cervical shortening during the pregnancy of interest or history of cervical shortening ³	3,982	24.1%	1,816	22.9%	1,840	21.5%	8,745	34.3%
Any of the broadly-defined conditions ^{3,4}	16,240	98.2%	7,576	95.7%	7,344	85.8%	18,109	71.1%
Narrowly-Defined Related Conditions								
History of preterm delivery ¹	6,443	39.0%	2,568	32.4%	1,646	19.2%	2,365	9.3%
History of preterm labor ¹	6,000	36.3%	2,360	29.8%	1,654	19.3%	3,074	12.1%
Preterm delivery during the pregnancy of interest ²	4,665	28.2%	2,617	33.1%	2,710	31.7%	6,397	25.1%
Preterm labor during the pregnancy of interest ²	8,137	49.2%	5,050	63.8%	4,734	55.3%	10,337	40.6%
Cervical shortening during the pregnancy of interest ²	3,228	19.5%	1,603	20.2%	1,694	19.8%	8,404	33.0%
History of preterm delivery ¹ <u>OR</u> Preterm labor in the pregnancy of interest ² <u>OR</u> Cervical shortening during the pregnancy of interest ²	12,060	72.9%	6,240	78.8%	5,717	66.8%	14,638	57.5%
Preterm delivery during the pregnancy of interest ² <u>AND</u> history of preterm delivery ¹ <u>OR</u> Preterm delivery during the pregnancy of interest ² <u>AND</u> preterm labor in the pregnancy of interest ² <u>OR</u> Preterm delivery during the pregnancy of interest ² <u>AND</u> cervical shortening during the current pregnancy of interest ²	4,421	26.7%	2,311	29.2%	2,228	26.0%	5,491	21.6%

Table 4a. Proportion of Pregnancy Episodes with Related Conditions and Prevalent Hydroxyprogesterone Caproate or Progesterone Use During the Second or Third Trimesters among Women with Live-Birth Deliveries in the Sentinel Distributed Database between January 1, 2008 and April 30, 2019

	Vaginal Progesterone		Bulk Powder Progesterone ⁵		Any Progesterone		Any Hydroxyprogesterone Caproate or Progesterone	
	Number of Episodes	Percent	Number of Episodes	Percent	Number of Episodes	Percent	Number of Episodes	Percent
Number of Pregnancy Episodes with Medical Product Exposure	5,234		2,944		40,144		61,615	
Broadly-Defined Related Conditions								
History of preterm labor or delivery ¹	760	14.5%	599	20.3%	8,361	20.8%	18,548	30.1%
Recorded personal history of preterm labor during the pregnancy of interest ²	845	16.1%	687	23.3%	11,172	27.8%	29,349	47.6%
History of preterm labor or delivery ¹ <u>OR</u> Recorded personal history of preterm labor during the pregnancy of interest ²	1,285	24.6%	987	33.5%	14,875	37.1%	34,337	55.7%
Preterm labor or delivery during the pregnancy of interest ²	3,226	61.6%	1,781	60.5%	22,256	55.4%	34,809	56.5%
Cervical shortening during the pregnancy of interest or history of cervical shortening ³	2,396	45.8%	1,043	35.4%	13,199	32.9%	17,857	29.0%
Any of the broadly-defined conditions ^{3,4}	4,155	79.4%	2,305	78.3%	30,268	75.4%	51,152	83.0%
Narrowly-Defined Related Conditions								
History of preterm delivery ¹	318	6.1%	292	9.9%	4,449	11.1%	12,416	20.2%
History of preterm labor ¹	402	7.7%	350	11.9%	5,275	13.1%	12,630	20.5%
Preterm delivery during the pregnancy of interest ²	1,815	34.7%	930	31.6%	11,092	27.6%	17,363	28.2%
Preterm labor during the pregnancy of interest ²	2,515	48.1%	1,394	47.4%	17,969	44.8%	29,252	47.5%
Cervical shortening during the pregnancy of interest ²	2,349	44.9%	1,012	34.4%	12,650	31.5%	16,448	26.7%
History of preterm delivery ¹ <u>OR</u> Preterm labor in the pregnancy of interest ² <u>OR</u> Cervical shortening during the pregnancy of interest ²	3,499	66.9%	1,828	62.1%	24,351	60.7%	40,185	65.2%
Preterm delivery during the pregnancy of interest ² <u>AND</u> history of preterm delivery ¹ <u>OR</u> Preterm delivery during the pregnancy of interest ² <u>AND</u> preterm labor in the pregnancy of interest ² <u>OR</u> Preterm delivery during the pregnancy of interest ² <u>AND</u> cervical shortening during the current pregnancy of interest ²	1,505	28.8%	780	26.5%	9,379	23.4%	15,168	24.6%

¹Evaluated throughout available enrollment history until the day before pregnancy start date.

²Evaluated the day after pregnancy start date until 301 days after pregnancy start date.

³Broadly-defined conditions include history of preterm labor or delivery, OR recorded personal history of preterm labor OR preterm labor or delivery during the pregnancy of interest OR cervical shortening during the pregnancy of interest or history of cervical shortening.

⁴Evaluated throughout available enrollment history until 301 days after pregnancy start date.

⁵Bulk powder products may vary in package size and total dose strength and may be further compounded. These products may not represent the actual dose administered to the patient.

Table 4b. Proportion of Pregnancy Episodes with Related Conditions and Prevalent Hydroxyprogesterone Caproate or Progesterone Use During the Second or Third Trimesters among Women with Live-Birth Deliveries in the Sentinel Distributed Database between January 1, 2008 and April 30, 2019, by Delivery Year

Delivery Year	Injectable Hydroxyprogesterone Caproate		Bulk Powder Hydroxyprogesterone Caproate ⁵		Injectable Progesterone		Oral Progesterone	
	Number of Episodes	Percent	Number of Episodes	Percent	Number of Episodes	Percent	Number of Episodes	Percent
Number of Pregnancy Episodes with Medical Product Exposure	16,535		7,917		8,561		25,471	
Broad Definition of Related Conditions								
History of Preterm Labor or Delivery¹								
Total	8,194	49.6%	3,371	42.6%	2,454	28.7%	4,930	19.4%
2008	0	0.0%	139	4.1%	40	1.6%	97	2.0%
2009	0	0.0%	285	8.5%	156	6.4%	185	3.8%
2010	0	0.0%	460	13.6%	292	11.9%	246	5.0%
2011	32	0.4%	511	15.2%	353	14.4%	281	5.7%
2012	332	4.1%	502	14.9%	338	13.8%	348	7.1%
2013	619	7.6%	546	16.2%	339	13.8%	477	9.7%
2014	905	11.0%	535	15.9%	305	12.4%	551	11.2%
2015	1,244	15.2%	252	7.5%	288	11.7%	761	15.4%
2016	1,763	21.5%	87	2.6%	233	9.5%	813	16.5%
2017	2,124	25.9%	38	1.1%	70	2.9%	804	16.3%
2018	1,170	14.3%	16	0.5%	40	1.6%	365	7.4%
2019	5	0.1%	0	0.0%	0	0.0%	2	0.0%
Recorded Personal History of Preterm Labor during the Pregnancy of Interest²								
Total	15,112	91.4%	5,498	69.4%	4,850	56.7%	5,280	20.7%
2008	1	0.0%	253	4.6%	128	2.6%	64	1.2%
2009	0	0.0%	624	11.3%	648	13.4%	194	3.7%
2010	0	0.0%	809	14.7%	594	12.2%	195	3.7%
2011	45	0.3%	761	13.8%	669	13.8%	230	4.4%
2012	519	3.4%	697	12.7%	604	12.5%	281	5.3%
2013	1,006	6.7%	827	15.0%	581	12.0%	434	8.2%
2014	1,606	10.6%	810	14.7%	525	10.8%	543	10.3%
2015	2,261	15.0%	431	7.8%	522	10.8%	846	16.0%
2016	3,062	20.3%	173	3.1%	405	8.4%	989	18.7%
2017	4,093	27.1%	67	1.2%	121	2.5%	1,002	19.0%
2018	2,509	16.6%	46	0.8%	53	1.1%	501	9.5%
2019	10	0.1%	0	0.0%	0	0.0%	1	0.0%

Table 4b. Proportion of Pregnancy Episodes with Related Conditions and Prevalent Hydroxyprogesterone Caproate or Progesterone Use During the Second or Third Trimesters among Women with Live-Birth Deliveries in the Sentinel Distributed Database between January 1, 2008 and April 30, 2019, by Delivery Year

Delivery Year	Vaginal Progesterone		Bulk Powder Progesterone ⁵		Any Progesterone		Any Hydroxyprogesterone Caproate or Progesterone	
	Number of Episodes	Percent	Number of Episodes	Percent	Number of Episodes	Percent	Number of Episodes	Percent
Number of Pregnancy Episodes with Medical Product Exposure	5,234		2,944		40,144		61,615	
Broadly-Defined Related Conditions								
History of Preterm Labor or Delivery¹								
Total	760	14.5%	599	20.3%	8,361	20.8%	18,548	30.1%
2008	11	1.4%	22	3.7%	162	1.9%	288	1.6%
2009	41	5.4%	45	7.5%	396	4.7%	629	3.4%
2010	38	5.0%	46	7.7%	594	7.1%	1,006	5.4%
2011	56	7.4%	60	10.0%	718	8.6%	1,171	6.3%
2012	89	11.7%	66	11.0%	803	9.6%	1,524	8.2%
2013	119	15.7%	65	10.9%	949	11.4%	1,949	10.5%
2014	128	16.8%	71	11.9%	994	11.9%	2,185	11.8%
2015	109	14.3%	94	15.7%	1,203	14.4%	2,499	13.5%
2016	86	11.3%	63	10.5%	1,153	13.8%	2,810	15.1%
2017	59	7.8%	59	9.8%	965	11.5%	2,963	16.0%
2018	24	3.2%	8	1.3%	422	5.0%	1,518	8.2%
2019	0	0.0%	0	0.0%	2	0.0%	6	0.0%
Recorded Personal History of Preterm Labor during the Pregnancy of Interest²								
Total	845	16.1%	687	23.3%	11,172	27.8%	29,349	47.6%
2008	7	0.8%	25	3.6%	215	1.9%	437	1.5%
2009	40	4.7%	54	7.9%	884	7.9%	1,374	4.7%
2010	33	3.9%	44	6.4%	833	7.5%	1,545	5.3%
2011	55	6.5%	51	7.4%	956	8.6%	1,619	5.5%
2012	100	11.8%	60	8.7%	999	8.9%	2,046	7.0%
2013	135	16.0%	70	10.2%	1,161	10.4%	2,726	9.3%
2014	132	15.6%	82	11.9%	1,217	10.9%	3,243	11.0%
2015	111	13.1%	107	15.6%	1,513	13.5%	3,855	13.1%
2016	105	12.4%	91	13.2%	1,535	13.7%	4,431	15.1%
2017	84	9.9%	95	13.8%	1,267	11.3%	5,098	17.4%
2018	43	5.1%	8	1.2%	591	5.3%	2,965	10.1%
2019	0	0.0%	0	0.0%	1	0.0%	10	0.0%

Table 4b. Proportion of Pregnancy Episodes with Related Conditions and Prevalent Hydroxyprogesterone Caproate or Progesterone Use During the Second or Third Trimesters among Women with Live-Birth Deliveries in the Sentinel Distributed Database between January 1, 2008 and April 30, 2019, by Delivery Year

Delivery Year	Injectable Hydroxyprogesterone Caproate		Bulk Powder Hydroxyprogesterone Caproate ⁵		Injectable Progesterone		Oral Progesterone	
	Number of Episodes	Percent	Number of Episodes	Percent	Number of Episodes	Percent	Number of Episodes	Percent
	History of Preterm Labor or Delivery¹ OR Recorded Personal History of Preterm Labor during the Pregnancy of Interest²							
Total	15,696	94.9%	6,387	80.7%	5,381	62.9%	7,902	31.0%
2008	1	0.0%	304	4.8%	148	2.8%	147	1.9%
2009	0	0.0%	723	11.3%	696	12.9%	326	4.1%
2010	0	0.0%	947	14.8%	670	12.5%	373	4.7%
2011	58	0.4%	916	14.3%	739	13.7%	433	5.5%
2012	569	3.6%	846	13.2%	685	12.7%	508	6.4%
2013	1,107	7.1%	957	15.0%	652	12.1%	727	9.2%
2014	1,689	10.8%	925	14.5%	573	10.6%	858	10.9%
2015	2,365	15.1%	472	7.4%	564	10.5%	1,220	15.4%
2016	3,161	20.1%	181	2.8%	437	8.1%	1,319	16.7%
2017	4,172	26.6%	69	1.1%	144	2.7%	1,316	16.7%
2018	2,564	16.3%	47	0.7%	73	1.4%	673	8.5%
2019	10	0.1%	0	0.0%	0	0.0%	2	0.0%
Preterm Labor or Delivery during the Pregnancy of Interest²								
Total	8,861	53.6%	5,811	73.4%	5,710	66.7%	12,875	50.5%
2008	1	0.0%	340	5.9%	238	4.2%	438	3.4%
2009	0	0.0%	851	14.6%	906	15.9%	880	6.8%
2010	0	0.0%	973	16.7%	821	14.4%	913	7.1%
2011	52	0.6%	906	15.6%	790	13.8%	1,011	7.9%
2012	477	5.4%	789	13.6%	718	12.6%	1,123	8.7%
2013	807	9.1%	802	13.8%	643	11.3%	1,456	11.3%
2014	1,188	13.4%	681	11.7%	606	10.6%	1,608	12.5%
2015	1,556	17.6%	319	5.5%	530	9.3%	1,797	14.0%
2016	1,629	18.4%	99	1.7%	277	4.9%	1,409	10.9%
2017	2,013	22.7%	29	0.5%	117	2.0%	1,433	11.1%
2018	1,137	12.8%	22	0.4%	64	1.1%	805	6.3%
2019	1	0.0%	0	0.0%	0	0.0%	2	0.0%

Table 4b. Proportion of Pregnancy Episodes with Related Conditions and Prevalent Hydroxyprogesterone Caproate or Progesterone Use During the Second or Third Trimesters among Women with Live-Birth Deliveries in the Sentinel Distributed Database between January 1, 2008 and April 30, 2019, by Delivery Year

Delivery Year	Vaginal Progesterone		Bulk Powder Progesterone ⁵		Any Progesterone		Any Hydroxyprogesterone Caproate or Progesterone	
	Number of Episodes	Percent	Number of Episodes	Percent	Number of Episodes	Percent	Number of Episodes	Percent
History of Preterm Labor or Delivery¹ OR Recorded Personal History of Preterm Labor during the Pregnancy of Interest²								
Total	1,285	24.6%	987	33.5%	14,875	37.1%	34,337	55.7%
2008	17	1.3%	41	4.2%	336	2.3%	603	1.8%
2009	69	5.4%	90	9.1%	1,111	7.5%	1,678	4.9%
2010	59	4.6%	73	7.4%	1,127	7.6%	1,961	5.7%
2011	92	7.2%	84	8.5%	1,280	8.6%	2,087	6.1%
2012	156	12.1%	100	10.1%	1,381	9.3%	2,601	7.6%
2013	199	15.5%	106	10.7%	1,596	10.7%	3,365	9.8%
2014	204	15.9%	118	12.0%	1,660	11.2%	3,858	11.2%
2015	180	14.0%	153	15.5%	2,026	13.6%	4,488	13.1%
2016	144	11.2%	107	10.8%	1,940	13.0%	4,934	14.4%
2017	114	8.9%	103	10.4%	1,629	11.0%	5,538	16.1%
2018	51	4.0%	12	1.2%	787	5.3%	3,213	9.4%
2019	0	0.0%	0	0.0%	2	0.0%	11	0.0%
Preterm Labor or Delivery during the Pregnancy of Interest²								
Total	3,226	61.6%	1,781	60.5%	22,256	55.4%	34,809	56.5%
2008	87	2.7%	119	6.7%	837	3.8%	1,131	3.2%
2009	202	6.3%	245	13.8%	2,079	9.3%	2,732	7.8%
2010	240	7.4%	192	10.8%	2,035	9.1%	2,879	8.3%
2011	294	9.1%	224	12.6%	2,173	9.8%	2,954	8.5%
2012	434	13.5%	221	12.4%	2,342	10.5%	3,405	9.8%
2013	515	16.0%	227	12.7%	2,666	12.0%	4,009	11.5%
2014	483	15.0%	211	11.8%	2,712	12.2%	4,249	12.2%
2015	468	14.5%	166	9.3%	2,792	12.5%	4,389	12.6%
2016	231	7.2%	92	5.2%	1,932	8.7%	3,461	9.9%
2017	188	5.8%	70	3.9%	1,743	7.8%	3,594	10.3%
2018	84	2.6%	14	0.8%	943	4.2%	2,003	5.8%
2019	0	0.0%	0	0.0%	2	0.0%	3	0.0%

Table 4b. Proportion of Pregnancy Episodes with Related Conditions and Prevalent Hydroxyprogesterone Caproate or Progesterone Use During the Second or Third Trimesters among Women with Live-Birth Deliveries in the Sentinel Distributed Database between January 1, 2008 and April 30, 2019, by Delivery Year

Delivery Year	Injectable Hydroxyprogesterone Caproate		Bulk Powder Hydroxyprogesterone Caproate ⁵		Injectable Progesterone		Oral Progesterone	
	Number of Episodes	Percent	Number of Episodes	Percent	Number of Episodes	Percent	Number of Episodes	Percent
	History of Cervical Shortening or Cervical Shortening during the Pregnancy of Interest³							
Total	3,982	24.1%	1,816	22.9%	1,840	21.5%	8,745	34.3%
2008	0	0.0%	23	1.3%	13	0.7%	22	0.3%
2009	0	0.0%	192	10.6%	189	10.3%	199	2.3%
2010	0	0.0%	290	16.0%	218	11.8%	275	3.1%
2011	17	0.4%	305	16.8%	238	12.9%	390	4.5%
2012	173	4.3%	295	16.2%	254	13.8%	605	6.9%
2013	269	6.8%	263	14.5%	247	13.4%	896	10.2%
2014	480	12.1%	269	14.8%	225	12.2%	1,087	12.4%
2015	620	15.6%	115	6.3%	214	11.6%	1,254	14.3%
2016	823	20.7%	39	2.1%	153	8.3%	1,436	16.4%
2017	1,000	25.1%	17	0.9%	65	3.5%	1,547	17.7%
2018	597	15.0%	8	0.4%	24	1.3%	1,030	11.8%
2019	3	0.1%	0	0.0%	0	0.0%	4	0.0%
Any of the Broadly Defined Conditions^{3,4}								
Total	16,240	98.2%	7,576	95.7%	7,344	85.8%	18,109	71.1%
2008	1	0.0%	401	5.3%	272	3.7%	491	2.7%
2009	0	0.0%	987	13.0%	1,045	14.2%	973	5.4%
2010	0	0.0%	1,193	15.7%	962	13.1%	1,033	5.7%
2011	71	0.4%	1,117	14.7%	970	13.2%	1,178	6.5%
2012	640	3.9%	996	13.1%	908	12.4%	1,361	7.5%
2013	1,180	7.3%	1,056	13.9%	849	11.6%	1,823	10.1%
2014	1,791	11.0%	1,013	13.4%	795	10.8%	2,072	11.4%
2015	2,465	15.2%	504	6.7%	734	10.0%	2,469	13.6%
2016	3,228	19.9%	188	2.5%	508	6.9%	2,500	13.8%
2017	4,249	26.2%	73	1.0%	197	2.7%	2,624	14.5%
2018	2,605	16.0%	48	0.6%	104	1.4%	1,581	8.7%
2019	10	0.1%	0	0.0%	0	0.0%	4	0.0%

Table 4b. Proportion of Pregnancy Episodes with Related Conditions and Prevalent Hydroxyprogesterone Caproate or Progesterone Use During the Second or Third Trimesters among Women with Live-Birth Deliveries in the Sentinel Distributed Database between January 1, 2008 and April 30, 2019, by Delivery Year

Delivery Year	Vaginal Progesterone		Bulk Powder Progesterone ⁵		Any Progesterone		Any Hydroxyprogesterone Caproate or Progesterone	
	Number of Episodes	Percent	Number of Episodes	Percent	Number of Episodes	Percent	Number of Episodes	Percent
Cervical Shortening during the Pregnancy of Interest or History of Cervical Shortening³								
Total	2,396	45.8%	1,043	35.4%	13,199	32.9%	17,857	29.0%
2008	7	0.3%	13	1.2%	52	0.4%	70	0.4%
2009	59	2.5%	70	6.7%	462	3.5%	608	3.4%
2010	96	4.0%	83	8.0%	625	4.7%	861	4.8%
2011	157	6.6%	110	10.5%	820	6.2%	1,079	6.0%
2012	294	12.3%	152	14.6%	1,215	9.2%	1,572	8.8%
2013	353	14.7%	173	16.6%	1,534	11.6%	1,951	10.9%
2014	404	16.9%	153	14.7%	1,746	13.2%	2,321	13.0%
2015	363	15.2%	119	11.4%	1,833	13.9%	2,417	13.5%
2016	312	13.0%	84	8.1%	1,911	14.5%	2,613	14.6%
2017	240	10.0%	68	6.5%	1,844	14.0%	2,695	15.1%
2018	111	4.6%	18	1.7%	1,153	8.7%	1,664	9.3%
2019	0	0.0%	0	0.0%	4	0.0%	6	0.0%
Any of the Broadly-Defined Conditions^{3,4}								
Total	4,155	79.4%	2,305	78.3%	30,268	75.4%	51,152	83.0%
2008	90	2.2%	128	5.6%	932	3.1%	1,282	2.5%
2009	223	5.4%	268	11.6%	2,340	7.7%	3,114	6.1%
2010	262	6.3%	218	9.5%	2,337	7.7%	3,383	6.6%
2011	338	8.1%	252	10.9%	2,569	8.5%	3,548	6.9%
2012	506	12.2%	266	11.5%	2,863	9.5%	4,258	8.3%
2013	615	14.8%	286	12.4%	3,362	11.1%	5,268	10.3%
2014	633	15.2%	287	12.5%	3,548	11.7%	5,896	11.5%
2015	604	14.5%	253	11.0%	3,861	12.8%	6,440	12.6%
2016	404	9.7%	174	7.5%	3,454	11.4%	6,510	12.7%
2017	324	7.8%	149	6.5%	3,181	10.5%	7,160	14.0%
2018	156	3.8%	24	1.0%	1,817	6.0%	4,280	8.4%
2019	0	0.0%	0	0.0%	4	0.0%	13	0.0%

Table 4b. Proportion of Pregnancy Episodes with Related Conditions and Prevalent Hydroxyprogesterone Caproate or Progesterone Use During the Second or Third Trimesters among Women with Live-Birth Deliveries in the Sentinel Distributed Database between January 1, 2008 and April 30, 2019, by Delivery Year

Delivery Year	Injectable Hydroxyprogesterone Caproate		Bulk Powder Hydroxyprogesterone Caproate ⁵		Injectable Progesterone		Oral Progesterone	
	Number of Episodes	Percent	Number of Episodes	Percent	Number of Episodes	Percent	Number of Episodes	Percent
Narrow Definition of Related Conditions								
History of Preterm Delivery¹								
Total	6,443	39.0%	2,568	32.4%	1,646	19.2%	2,365	9.3%
2008	0	0.0%	110	4.3%	16	1.0%	35	1.5%
2009	0	0.0%	219	8.5%	105	6.4%	66	2.8%
2010	0	0.0%	338	13.2%	192	11.7%	99	4.2%
2011	22	0.3%	379	14.8%	239	14.5%	100	4.2%
2012	265	4.1%	379	14.8%	223	13.5%	143	6.0%
2013	512	7.9%	425	16.5%	241	14.6%	209	8.8%
2014	734	11.4%	409	15.9%	217	13.2%	236	10.0%
2015	978	15.2%	195	7.6%	201	12.2%	398	16.8%
2016	1,377	21.4%	73	2.8%	153	9.3%	432	18.3%
2017	1,668	25.9%	28	1.1%	41	2.5%	469	19.8%
2018	883	13.7%	13	0.5%	18	1.1%	177	7.5%
2019	4	0.1%	0	0.0%	0	0.0%	1	0.0%
History of Preterm Labor¹								
Total	6,000	36.3%	2,360	29.8%	1,654	19.3%	3,074	12.1%
2008	0	0.0%	91	3.9%	25	1.5%	54	1.8%
2009	0	0.0%	200	8.5%	97	5.9%	87	2.8%
2010	0	0.0%	312	13.2%	190	11.5%	128	4.2%
2011	22	0.4%	363	15.4%	238	14.4%	150	4.9%
2012	215	3.6%	357	15.1%	234	14.1%	205	6.7%
2013	419	7.0%	379	16.1%	223	13.5%	285	9.3%
2014	623	10.4%	384	16.3%	206	12.5%	314	10.2%
2015	843	14.1%	171	7.2%	195	11.8%	444	14.4%
2016	1,240	20.7%	60	2.5%	165	10.0%	536	17.4%
2017	1,640	27.3%	28	1.2%	47	2.8%	576	18.7%
2018	994	16.6%	15	0.6%	34	2.1%	294	9.6%
2019	4	0.1%	0	0.0%	0	0.0%	1	0.0%

Table 4b. Proportion of Pregnancy Episodes with Related Conditions and Prevalent Hydroxyprogesterone Caproate or Progesterone Use During the Second or Third Trimesters among Women with Live-Birth Deliveries in the Sentinel Distributed Database between January 1, 2008 and April 30, 2019, by Delivery Year

Delivery Year	Vaginal Progesterone		Bulk Powder Progesterone ⁵		Any Progesterone		Any Hydroxyprogesterone Caproate or Progesterone	
	Number of Episodes	Percent	Number of Episodes	Percent	Number of Episodes	Percent	Number of Episodes	Percent
Narrowly-Defined Related Conditions								
History of Preterm Delivery¹								
Total	318	6.1%	292	9.9%	4,449	11.1%	12,416	20.2%
2008	2	0.6%	8	2.7%	60	1.3%	165	1.3%
2009	15	4.7%	17	5.8%	189	4.2%	366	2.9%
2010	14	4.4%	19	6.5%	310	7.0%	612	4.9%
2011	19	6.0%	22	7.5%	372	8.4%	707	5.7%
2012	29	9.1%	29	9.9%	407	9.1%	973	7.8%
2013	51	16.0%	33	11.3%	512	11.5%	1,319	10.6%
2014	56	17.6%	36	12.3%	515	11.6%	1,466	11.8%
2015	45	14.2%	48	16.4%	668	15.0%	1,687	13.6%
2016	51	16.0%	33	11.3%	644	14.5%	1,939	15.6%
2017	25	7.9%	45	15.4%	568	12.8%	2,140	17.2%
2018	11	3.5%	2	0.7%	203	4.6%	1,037	8.4%
2019	0	0.0%	0	0.0%	1	0.0%	5	0.0%
History of Preterm Labor¹								
Total	402	7.7%	350	11.9%	5,275	13.1%	12,630	20.5%
2008	4	1.0%	9	2.6%	90	1.7%	173	1.4%
2009	19	4.7%	25	7.1%	214	4.1%	379	3.0%
2010	14	3.5%	27	7.7%	346	6.6%	633	5.0%
2011	23	5.7%	37	10.6%	434	8.2%	758	6.0%
2012	42	10.4%	35	10.0%	492	9.3%	984	7.8%
2013	62	15.4%	40	11.4%	583	11.1%	1,266	10.0%
2014	70	17.4%	43	12.3%	603	11.4%	1,436	11.4%
2015	52	12.9%	50	14.3%	715	13.6%	1,587	12.6%
2016	54	13.4%	41	11.7%	769	14.6%	1,920	15.2%
2017	42	10.4%	37	10.6%	686	13.0%	2,224	17.6%
2018	20	5.0%	6	1.7%	342	6.5%	1,266	10.0%
2019	0	0.0%	0	0.0%	1	0.0%	4	0.0%

Table 4b. Proportion of Pregnancy Episodes with Related Conditions and Prevalent Hydroxyprogesterone Caproate or Progesterone Use During the Second or Third Trimesters among Women with Live-Birth Deliveries in the Sentinel Distributed Database between January 1, 2008 and April 30, 2019, by Delivery Year

Delivery Year	Injectable Hydroxyprogesterone Caproate		Bulk Powder Hydroxyprogesterone Caproate ⁵		Injectable Progesterone		Oral Progesterone	
	Number of Episodes	Percent	Number of Episodes	Percent	Number of Episodes	Percent	Number of Episodes	Percent
	Preterm Delivery during the Pregnancy of Interest²							
Total	4,665	28.2%	2,617	33.1%	2,710	31.7%	6,397	25.1%
2008	0	0.0%	154	5.9%	119	4.4%	212	3.3%
2009	0	0.0%	400	15.3%	430	15.9%	439	6.9%
2010	0	0.0%	448	17.1%	391	14.4%	433	6.8%
2011	17	0.4%	406	15.5%	355	13.1%	496	7.8%
2012	232	5.0%	346	13.2%	331	12.2%	513	8.0%
2013	347	7.4%	358	13.7%	313	11.5%	676	10.6%
2014	556	11.9%	299	11.4%	281	10.4%	731	11.4%
2015	674	14.4%	124	4.7%	240	8.9%	815	12.7%
2016	936	20.1%	49	1.9%	143	5.3%	762	11.9%
2017	1,205	25.8%	19	0.7%	66	2.4%	854	13.4%
2018	698	15.0%	14	0.5%	41	1.5%	464	7.3%
2019	0	0.0%	0	0.0%	0	0.0%	2	0.0%
Preterm Labor during the Pregnancy of Interest²								
Total	8,137	49.2%	5,050	63.8%	4,734	55.3%	10,337	40.6%
2008	1	0.0%	290	5.7%	183	3.9%	294	2.8%
2009	0	0.0%	751	14.9%	792	16.7%	640	6.2%
2010	0	0.0%	854	16.9%	697	14.7%	658	6.4%
2011	50	0.6%	806	16.0%	669	14.1%	737	7.1%
2012	393	4.8%	679	13.4%	559	11.8%	821	7.9%
2013	668	8.2%	684	13.5%	504	10.6%	1,079	10.4%
2014	983	12.1%	566	11.2%	450	9.5%	1,178	11.4%
2015	1,348	16.6%	277	5.5%	434	9.2%	1,387	13.4%
2016	1,584	19.5%	94	1.9%	270	5.7%	1,332	12.9%
2017	1,980	24.3%	29	0.6%	113	2.4%	1,415	13.7%
2018	1,129	13.9%	20	0.4%	63	1.3%	794	7.7%
2019	1	0.0%	0	0.0%	0	0.0%	2	0.0%

Table 4b. Proportion of Pregnancy Episodes with Related Conditions and Prevalent Hydroxyprogesterone Caproate or Progesterone Use During the Second or Third Trimesters among Women with Live-Birth Deliveries in the Sentinel Distributed Database between January 1, 2008 and April 30, 2019, by Delivery Year

Delivery Year	Vaginal Progesterone		Bulk Powder Progesterone ⁵		Any Progesterone		Any Hydroxyprogesterone Caproate or Progesterone	
	Number of Episodes	Percent	Number of Episodes	Percent	Number of Episodes	Percent	Number of Episodes	Percent
Preterm Delivery during the Pregnancy of Interest²								
Total	1,815	34.7%	930	31.6%	11,092	27.6%	17,363	28.2%
2008	55	3.0%	64	6.9%	423	3.8%	556	3.2%
2009	122	6.7%	132	14.2%	1,037	9.3%	1,338	7.7%
2010	158	8.7%	107	11.5%	1,007	9.1%	1,398	8.1%
2011	184	10.1%	132	14.2%	1,081	9.7%	1,433	8.3%
2012	249	13.7%	125	13.4%	1,122	10.1%	1,599	9.2%
2013	295	16.3%	101	10.9%	1,281	11.5%	1,871	10.8%
2014	232	12.8%	91	9.8%	1,243	11.2%	1,950	11.2%
2015	229	12.6%	69	7.4%	1,263	11.4%	1,947	11.2%
2016	128	7.1%	60	6.5%	1,047	9.4%	1,921	11.1%
2017	115	6.3%	41	4.4%	1,039	9.4%	2,153	12.4%
2018	48	2.6%	8	0.9%	547	4.9%	1,195	6.9%
2019	0	0.0%	0	0.0%	2	0.0%	2	0.0%
Preterm Labor during the Pregnancy of Interest²								
Total	2,515	48.1%	1,394	47.4%	17,969	44.8%	29,252	47.5%
2008	67	2.7%	93	6.7%	609	3.4%	858	2.9%
2009	141	5.6%	191	13.7%	1,651	9.2%	2,218	7.6%
2010	172	6.8%	145	10.4%	1,573	8.8%	2,313	7.9%
2011	213	8.5%	172	12.3%	1,682	9.4%	2,375	8.1%
2012	336	13.4%	165	11.8%	1,776	9.9%	2,681	9.2%
2013	380	15.1%	174	12.5%	2,004	11.2%	3,127	10.7%
2014	360	14.3%	152	10.9%	2,008	11.2%	3,276	11.2%
2015	356	14.2%	133	9.5%	2,178	12.1%	3,554	12.1%
2016	221	8.8%	85	6.1%	1,834	10.2%	3,324	11.4%
2017	185	7.4%	70	5.0%	1,721	9.6%	3,541	12.1%
2018	84	3.3%	14	1.0%	931	5.2%	1,982	6.8%
2019	0	0.0%	0	0.0%	2	0.0%	3	0.0%

Table 4b. Proportion of Pregnancy Episodes with Related Conditions and Prevalent Hydroxyprogesterone Caproate or Progesterone Use During the Second or Third Trimesters among Women with Live-Birth Deliveries in the Sentinel Distributed Database between January 1, 2008 and April 30, 2019, by Delivery Year

Delivery Year	Injectable Hydroxyprogesterone Caproate		Bulk Powder Hydroxyprogesterone Caproate ⁵		Injectable Progesterone		Oral Progesterone	
	Number of Episodes	Percent	Number of Episodes	Percent	Number of Episodes	Percent	Number of Episodes	Percent
	Cervical Shortening during the Pregnancy of Interest²							
Total	3,228	19.5%	1,603	20.2%	1,694	19.8%	8,404	33.0%
2008	0	0.0%	23	1.4%	13	0.8%	22	0.3%
2009	0	0.0%	191	11.9%	189	11.2%	199	2.4%
2010	0	0.0%	276	17.2%	211	12.5%	273	3.2%
2011	17	0.5%	280	17.5%	221	13.0%	381	4.5%
2012	149	4.6%	255	15.9%	232	13.7%	586	7.0%
2013	232	7.2%	217	13.5%	222	13.1%	863	10.3%
2014	408	12.6%	216	13.5%	202	11.9%	1,043	12.4%
2015	516	16.0%	91	5.7%	194	11.5%	1,206	14.4%
2016	662	20.5%	32	2.0%	131	7.7%	1,382	16.4%
2017	781	24.2%	14	0.9%	58	3.4%	1,463	17.4%
2018	461	14.3%	8	0.5%	21	1.2%	982	11.7%
2019	2	0.1%	0	0.0%	0	0.0%	4	0.0%
History of Preterm Delivery¹ OR Preterm Labor in the Pregnancy of Interest² OR Cervical Shortening during the Pregnancy of Interest²								
Total	12,060	72.9%	6,240	78.8%	5,717	66.8%	14,638	57.5%
2008	1	0.0%	332	5.3%	189	3.3%	311	2.1%
2009	0	0.0%	844	13.5%	853	14.9%	707	4.8%
2010	0	0.0%	994	15.9%	793	13.9%	750	5.1%
2011	62	0.5%	969	15.5%	783	13.7%	877	6.0%
2012	530	4.4%	849	13.6%	694	12.1%	1,077	7.4%
2013	942	7.8%	870	13.9%	648	11.3%	1,453	9.9%
2014	1,399	11.6%	779	12.5%	589	10.3%	1,666	11.4%
2015	1,898	15.7%	394	6.3%	558	9.8%	2,031	13.9%
2016	2,428	20.1%	130	2.1%	377	6.6%	2,107	14.4%
2017	3,045	25.2%	51	0.8%	154	2.7%	2,283	15.6%
2018	1,749	14.5%	28	0.4%	79	1.4%	1,372	9.4%
2019	6	0.0%	0	0.0%	0	0.0%	4	0.0%

Table 4b. Proportion of Pregnancy Episodes with Related Conditions and Prevalent Hydroxyprogesterone Caproate or Progesterone Use During the Second or Third Trimesters among Women with Live-Birth Deliveries in the Sentinel Distributed Database between January 1, 2008 and April 30, 2019, by Delivery Year

Delivery Year	Vaginal Progesterone		Bulk Powder Progesterone ⁵		Any Progesterone		Any Hydroxyprogesterone Caproate or Progesterone	
	Number of Episodes	Percent	Number of Episodes	Percent	Number of Episodes	Percent	Number of Episodes	Percent
Cervical Shortening during the Pregnancy of Interest²								
Total	2,349	44.9%	1,012	34.4%	12,650	31.5%	16,448	26.7%
2008	7	0.3%	13	1.3%	52	0.4%	70	0.4%
2009	59	2.5%	70	6.9%	462	3.7%	607	3.7%
2010	96	4.1%	83	8.2%	616	4.9%	839	5.1%
2011	155	6.6%	110	10.9%	793	6.3%	1,031	6.3%
2012	290	12.3%	150	14.8%	1,170	9.2%	1,474	9.0%
2013	347	14.8%	171	16.9%	1,473	11.6%	1,815	11.0%
2014	390	16.6%	150	14.8%	1,666	13.2%	2,139	13.0%
2015	358	15.2%	111	11.0%	1,753	13.9%	2,218	13.5%
2016	302	12.9%	74	7.3%	1,815	14.3%	2,364	14.4%
2017	235	10.0%	63	6.2%	1,746	13.8%	2,396	14.6%
2018	110	4.7%	17	1.7%	1,100	8.7%	1,490	9.1%
2019	0	0.0%	0	0.0%	4	0.0%	5	0.0%
History of Preterm Delivery¹ OR Preterm Labor in the Pregnancy of Interest² OR Cervical Shortening during the Pregnancy of Interest²								
Total	3,499	66.9%	1,828	62.1%	24,351	60.7%	40,185	65.2%
2008	70	2.0%	96	5.3%	637	2.6%	927	2.3%
2009	160	4.6%	208	11.4%	1,804	7.4%	2,448	6.1%
2010	202	5.8%	170	9.3%	1,796	7.4%	2,661	6.6%
2011	268	7.7%	204	11.2%	1,994	8.2%	2,839	7.1%
2012	424	12.1%	214	11.7%	2,270	9.3%	3,439	8.6%
2013	505	14.4%	234	12.8%	2,662	10.9%	4,191	10.4%
2014	536	15.3%	230	12.6%	2,838	11.7%	4,647	11.6%
2015	515	14.7%	198	10.8%	3,133	12.9%	5,088	12.7%
2016	376	10.7%	136	7.4%	2,885	11.8%	5,162	12.8%
2017	299	8.5%	114	6.2%	2,748	11.3%	5,567	13.9%
2018	144	4.1%	24	1.3%	1,580	6.5%	3,207	8.0%
2019	0	0.0%	0	0.0%	4	0.0%	9	0.0%

Table 4b. Proportion of Pregnancy Episodes with Related Conditions and Prevalent Hydroxyprogesterone Caproate or Progesterone Use During the Second or Third Trimesters among Women with Live-Birth Deliveries in the Sentinel Distributed Database between January 1, 2008 and April 30, 2019, by Delivery Year

Delivery Year	Injectable Hydroxyprogesterone Caproate		Bulk Powder Hydroxyprogesterone Caproate ⁵		Injectable Progesterone		Oral Progesterone	
	Number of Episodes	Percent	Number of Episodes	Percent	Number of Episodes	Percent	Number of Episodes	Percent
	Preterm Delivery during the Pregnancy of Interest² AND History of Preterm Delivery¹ OR Preterm Delivery during the Pregnancy of Interest² AND Preterm Labor in the Pregnancy of Interest² OR Preterm Delivery during the Pregnancy of Interest² AND Cervical Shortening during the Current Pregnancy of Interest²							
Total	4,421	26.7%	2,311	29.2%	2,228	26.0%	5,491	21.6%
2008	0	0.0%	129	5.6%	78	3.5%	145	2.6%
2009	0	0.0%	343	14.8%	352	15.8%	312	5.7%
2010	0	0.0%	390	16.9%	336	15.1%	313	5.7%
2011	17	0.4%	375	16.2%	301	13.5%	374	6.8%
2012	203	4.6%	305	13.2%	252	11.3%	419	7.6%
2013	301	6.8%	314	13.6%	253	11.4%	555	10.1%
2014	479	10.8%	264	11.4%	210	9.4%	605	11.0%
2015	605	13.7%	110	4.8%	200	9.0%	713	13.0%
2016	931	21.1%	49	2.1%	143	6.4%	748	13.6%
2017	1,190	26.9%	19	0.8%	63	2.8%	848	15.4%
2018	695	15.7%	13	0.6%	40	1.8%	457	8.3%
2019	0	0.0%	0	0.0%	0	0.0%	2	0.0%

Table 4b. Proportion of Pregnancy Episodes with Related Conditions and Prevalent Hydroxyprogesterone Caproate or Progesterone Use During the Second or Third Trimesters among Women with Live-Birth Deliveries in the Sentinel Distributed Database between January 1, 2008 and April 30, 2019, by Delivery Year

Delivery Year	Vaginal Progesterone		Bulk Powder Progesterone ⁵		Any Progesterone		Any Hydroxyprogesterone Caproate or Progesterone	
	Number of Episodes	Percent	Number of Episodes	Percent	Number of Episodes	Percent	Number of Episodes	Percent
Preterm Delivery during the Pregnancy of Interest² AND History of Preterm Delivery¹ OR								
Preterm Delivery during the Pregnancy of Interest² AND Preterm Labor in the Pregnancy of Interest² OR								
Preterm Delivery during the Pregnancy of Interest² AND Cervical Shortening during the Current Pregnancy of Interest²								
Total	1,505	28.8%	780	26.5%	9,379	23.4%	15,168	24.6%
2008	47	3.1%	51	6.5%	303	3.2%	415	2.7%
2009	91	6.0%	106	13.6%	800	8.5%	1,049	6.9%
2010	122	8.1%	83	10.6%	785	8.4%	1,124	7.4%
2011	139	9.2%	111	14.2%	854	9.1%	1,181	7.8%
2012	207	13.8%	101	12.9%	905	9.6%	1,324	8.7%
2013	231	15.3%	86	11.0%	1,037	11.1%	1,551	10.2%
2014	188	12.5%	72	9.2%	1,005	10.7%	1,612	10.6%
2015	192	12.8%	61	7.8%	1,087	11.6%	1,694	11.2%
2016	127	8.4%	60	7.7%	1,032	11.0%	1,902	12.5%
2017	113	7.5%	41	5.3%	1,030	11.0%	2,131	14.0%
2018	48	3.2%	8	1.0%	539	5.7%	1,183	7.8%
2019	0	0.0%	0	0.0%	2	0.0%	2	0.0%

¹Evaluated throughout available enrollment history until the day before pregnancy start date.

²Evaluated the day after pregnancy start date until 301 days after pregnancy start date.

³Broadly-defined conditions include history of preterm labor or delivery, OR recorded personal history of preterm labor OR preterm labor or delivery during the pregnancy of interest OR cervical shortening during the pregnancy of interest or history of cervical shortening.

⁴Evaluated throughout available enrollment history until 301 days after pregnancy start date.

⁵Bulk powder products may vary in package size and total dose strength and may be further compounded. These products may not represent the actual dose administered to the patient.

Table 5. Proportion of Total Pregnancy Episodes with Related Conditions and Any Prevalent Hydroxyprogesterone Caproate or Progesterone Use During the Second or Third Trimesters among Women with Live-Birth Deliveries in the Sentinel Distributed Database between January 1, 2008 and April 30, 2019

	Pregnancy Episodes with Any Hydroxyprogesterone Caproate or Progesterone Use in the Second or Third Trimesters	Percentage of Total Pregnancy Episodes with Any Hydroxyprogesterone Caproate or Progesterone Use in the Second or Third Trimesters	Total Number of Pregnancy Episodes with the Related Condition of Interest
	Number of Episodes	Percent	Number of Episodes
Broadly-Defined Related Conditions			
History of preterm labor or delivery ¹	18,548	7.7%	240,957
Recorded personal history of preterm labor during the pregnancy of interest ²	29,349	27.8%	105,659
History of preterm labor or delivery ¹ <u>OR</u> recorded personal history of preterm labor ²	34,337	11.2%	307,269
Preterm labor or delivery during the pregnancy of interest ²	34,809	5.3%	657,719
Cervical shortening during the pregnancy of interest or history of cervical shortening ³	17,857	24.2%	73,899
Any of the broadly-defined conditions ^{3,4}	51,152	5.9%	860,043
Narrowly-Defined Related Conditions			
History of preterm delivery ¹	12,416	15.1%	82,255
History of preterm labor ¹	12,630	7.3%	173,555
Preterm delivery during the pregnancy of interest ²	17,363	6.9%	250,075
Preterm labor during the pregnancy of interest ²	29,252	5.7%	509,832
Cervical shortening during the pregnancy of interest ²	16,448	25.5%	64,557
History of preterm delivery ¹ <u>OR</u> preterm labor in the pregnancy of interest ² <u>OR</u> cervical shortening during the pregnancy of interest ²	40,185	6.8%	591,908

Table 5. Proportion of Total Pregnancy Episodes with Related Conditions and Any Prevalent Hydroxyprogesterone Caproate or Progesterone Use During the Second or Third Trimesters among Women with Live-Birth Deliveries in the Sentinel Distributed Database between January 1, 2008 and April 30, 2019

	Pregnancy Episodes with Any Hydroxyprogesterone Caproate or Progesterone Use in the Second or Third Trimesters	Percentage of Total Pregnancy Episodes with Any Hydroxyprogesterone Caproate or Progesterone Use in the Second or Third Trimesters	Total Number of Pregnancy Episodes with the Related Condition of Interest
	Number of Episodes	Percent	Number of Episodes
Preterm delivery during the pregnancy of interest ² <u>AND</u> history of preterm delivery ¹ <u>OR</u> Preterm delivery during the pregnancy of interest ² <u>AND</u> preterm labor in the pregnancy of interest ² <u>OR</u> Preterm delivery during the pregnancy of interest ² <u>AND</u> cervical shortening during the current pregnancy of interest ²	15,168	10.2%	148,055

¹Evaluated throughout available enrollment history until the day before pregnancy start date.

²Evaluated the day after pregnancy start date until 301 days after pregnancy start date.

³Broadly-defined conditions include history of preterm labor or delivery, OR recorded personal history of preterm labor OR preterm labor or delivery during the pregnancy of interest OR cervical shortening during the pregnancy of interest or history of cervical shortening.

⁴Evaluated throughout available enrollment history until 301 days after pregnancy start date.

Table 6. Proportion of Total Pregnancy Episodes with Related Conditions and Prevalent Injectable Hydroxyprogesterone Caproate Use During the Second or Third Trimesters among Women with Live-Birth Deliveries in the Sentinel Distributed Database between January 1, 2011* and April 30, 2019

	Pregnancy Episodes with Injectable Hydroxyprogesterone Caproate Use in the Second or Third Trimesters	Percentage of Total Pregnancy Episodes with Injectable Hydroxyprogesterone Caproate Use in the Second or Third Trimesters	Total Number of Pregnancy Episodes with the Related Condition of Interest
	Number of Episodes	Percent	Number of Episodes
Broadly-Defined Related Conditions			
History of preterm labor or delivery ¹	8,194	4.3%	190,514
Recorded personal history of preterm labor during the pregnancy of interest ²	15,111	17.9%	84,550
History of preterm labor or delivery ¹ <u>OR</u> recorded personal history of preterm labor ²	15,695	6.5%	241,588
Preterm labor or delivery during the pregnancy of interest ²	8,860	2.0%	448,416
Cervical shortening during the pregnancy of interest or history of cervical shortening ³	3,982	6.3%	63,281
Any of the broadly-defined conditions ^{3,4}	16,239	2.6%	616,200
Narrowly-Defined Related Conditions			
History of preterm delivery ¹	6,443	10.0%	64,622
History of preterm labor ¹	6,000	4.3%	138,954
Preterm delivery during the pregnancy of interest ²	4,665	2.7%	173,980
Preterm labor during the pregnancy of interest ²	8,136	2.3%	353,793
Cervical shortening during the pregnancy of interest ²	3,228	6.0%	54,105
History of preterm delivery ¹ <u>OR</u> preterm labor in the pregnancy of interest ² <u>OR</u> cervical shortening during the pregnancy of interest ²	12,059	2.9%	421,452

Table 6. Proportion of Total Pregnancy Episodes with Related Conditions and Prevalent Injectable Hydroxyprogesterone Caproate Use During the Second or Third Trimesters among Women with Live-Birth Deliveries in the Sentinel Distributed Database between January 1, 2011* and April 30, 2019

	Pregnancy Episodes with Injectable Hydroxyprogesterone Caproate Use in the Second or Third Trimesters	Percentage of Total Pregnancy Episodes with Injectable Hydroxyprogesterone Caproate Use in the Second or Third Trimesters	Total Number of Pregnancy Episodes with the Related Condition of Interest
	Number of Episodes	Percent	Number of Episodes
Preterm delivery during the pregnancy of interest ² <u>AND</u> history of preterm delivery ¹ <u>OR</u> Preterm delivery during the pregnancy of interest ² <u>AND</u> preterm labor in the pregnancy of interest ² <u>OR</u> Preterm delivery during the pregnancy of interest ² <u>AND</u> cervical shortening during the current pregnancy of interest ²	4,421	4.0%	111,363

*The query period for only Table 6 begins in the calendar year during which injectable hydroxyprogesterone caproate was approved.

¹Evaluated throughout available enrollment history until the day before pregnancy start date.

²Evaluated the day after pregnancy start date until 301 days after pregnancy start date.

³Broadly-defined conditions include history of preterm labor or delivery, OR recorded personal history of preterm labor OR preterm labor or delivery during the pregnancy of interest OR cervical shortening during the pregnancy of interest or history of cervical shortening.

⁴Evaluated throughout available enrollment history until 301 days after pregnancy start date.

Appendix A. Dates of Available Data for Each Data Partner (DP) as of Request Distribution Date (August 5, 2019)

DP ID	Start Date ¹	End Date ¹
DP01	06/01/2007	10/31/2018
DP02	01/01/2004	08/31/2018
DP03	01/01/2000	04/30/2019
DP04	01/01/2000	03/31/2018
DP05	01/01/2000	06/30/2018
DP06	01/01/2008	11/30/2018
DP07	01/01/2008	06/30/2018
DP08	01/01/2000	12/31/2017
DP09	01/01/2000	12/31/2017
DP10	01/01/2000	01/31/2019
DP11	01/01/2000	03/31/2016
DP12	01/01/2000	07/31/2017
DP13	01/01/2012	06/30/2017
DP14	01/01/2005	09/30/2017
DP15	01/01/2006	12/31/2018

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

Appendix B. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define the Gestational Age Algorithm

Code	Code Type	Code		Description	Priority Group 1	Priority Group 2	Priority
		Category	Duration				
Gestational Age Look Up							
O48.1	Diagnosis	ICD-10-CM	294	Prolonged pregnancy	0	1	1
P08.22	Diagnosis	ICD-10-CM	294	Prolonged gestation of newborn	0	1	1
Z3A.49	Diagnosis	ICD-10-CM	301	Greater than 42 weeks gestation of pregnancy	1	0	1
O48.0	Diagnosis	ICD-10-CM	287	Post-term pregnancy	0	1	2
P08.21	Diagnosis	ICD-10-CM	287	Post-term newborn	0	1	2
Z3A.42	Diagnosis	ICD-10-CM	298	42 weeks gestation of pregnancy	1	0	2
Z3A.41	Diagnosis	ICD-10-CM	291	41 weeks gestation of pregnancy	1	0	3
Z3A.40	Diagnosis	ICD-10-CM	284	40 weeks gestation of pregnancy	1	0	4
Z3A.39	Diagnosis	ICD-10-CM	277	39 weeks gestation of pregnancy	1	0	5
Z3A.38	Diagnosis	ICD-10-CM	270	38 weeks gestation of pregnancy	1	0	6
Z3A.37	Diagnosis	ICD-10-CM	263	37 weeks gestation of pregnancy	1	0	7
P07.39	Diagnosis	ICD-10-CM	256	Preterm newborn, gestational age 36 completed weeks	1	0	8
Z3A.36	Diagnosis	ICD-10-CM	256	36 weeks gestation of pregnancy	1	0	8
P07.38	Diagnosis	ICD-10-CM	249	Preterm newborn, gestational age 35 completed weeks	1	0	9
Z3A.35	Diagnosis	ICD-10-CM	249	35 weeks gestation of pregnancy	1	0	9
P07.37	Diagnosis	ICD-10-CM	242	Preterm newborn, gestational age 34 completed weeks	1	0	10
Z3A.34	Diagnosis	ICD-10-CM	242	34 weeks gestation of pregnancy	1	0	10
P07.36	Diagnosis	ICD-10-CM	235	Preterm newborn, gestational age 33 completed weeks	1	0	11
Z3A.33	Diagnosis	ICD-10-CM	235	33 weeks gestation of pregnancy	1	0	11
P07.35	Diagnosis	ICD-10-CM	228	Preterm newborn, gestational age 32 completed weeks	1	0	12
Z3A.32	Diagnosis	ICD-10-CM	228	32 weeks gestation of pregnancy	1	0	12
P07.34	Diagnosis	ICD-10-CM	221	Preterm newborn, gestational age 31 completed weeks	1	0	13
Z3A.31	Diagnosis	ICD-10-CM	221	31 weeks gestation of pregnancy	1	0	13
P07.33	Diagnosis	ICD-10-CM	214	Preterm newborn, gestational age 30 completed weeks	1	0	14
Z3A.30	Diagnosis	ICD-10-CM	214	30 weeks gestation of pregnancy	1	0	14
P07.32	Diagnosis	ICD-10-CM	207	Preterm newborn, gestational age 29 completed weeks	1	0	15
Z3A.29	Diagnosis	ICD-10-CM	207	29 weeks gestation of pregnancy	1	0	15
P07.31	Diagnosis	ICD-10-CM	200	Preterm newborn, gestational age 28 completed weeks	1	0	16
Z3A.28	Diagnosis	ICD-10-CM	200	28 weeks gestation of pregnancy	1	0	16

Appendix B. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define the Gestational Age Algorithm

Code	Code Type	Code Category	Duration	Description	Priority Group 1	Priority Group 2	Priority
P07.26	Diagnosis	ICD-10-CM	193	Extreme immaturity of newborn, gestational age 27 completed weeks	1	0	17
Z3A.27	Diagnosis	ICD-10-CM	193	27 weeks gestation of pregnancy	1	0	17
P07.25	Diagnosis	ICD-10-CM	186	Extreme immaturity of newborn, gestational age 26 completed weeks	1	0	18
Z3A.26	Diagnosis	ICD-10-CM	186	26 weeks gestation of pregnancy	1	0	18
P07.24	Diagnosis	ICD-10-CM	179	Extreme immaturity of newborn, gestational age 25 completed weeks	1	0	19
Z3A.25	Diagnosis	ICD-10-CM	179	25 weeks gestation of pregnancy	1	0	19
P07.23	Diagnosis	ICD-10-CM	172	Extreme immaturity of newborn, gestational age 24 completed weeks	1	0	20
Z3A.24	Diagnosis	ICD-10-CM	172	24 weeks gestation of pregnancy	1	0	20
P07.22	Diagnosis	ICD-10-CM	165	Extreme immaturity of newborn, gestational age 23 completed weeks	1	0	21
Z3A.23	Diagnosis	ICD-10-CM	165	23 weeks gestation of pregnancy	1	0	21
P07.21	Diagnosis	ICD-10-CM	158	Extreme immaturity of newborn, gestational age less than 23 completed weeks	1	0	22
Z3A.22	Diagnosis	ICD-10-CM	158	22 weeks gestation of pregnancy	1	0	22
Z3A.21	Diagnosis	ICD-10-CM	151	21 weeks gestation of pregnancy	1	0	23
Z3A.20	Diagnosis	ICD-10-CM	144	20 weeks gestation of pregnancy	1	0	24
P07.20	Diagnosis	ICD-10-CM	196	Extreme immaturity of newborn, unspecified weeks of gestation	1	0	25
O60.13X0	Diagnosis	ICD-10-CM	245	Preterm labor second trimester with preterm delivery third trimester	1	0	26
O60.13X1	Diagnosis	ICD-10-CM	245	Preterm labor second trimester with preterm delivery third trimester	1	0	26
O60.13X2	Diagnosis	ICD-10-CM	245	Preterm labor second trimester with preterm delivery third trimester	1	0	26
O60.13X3	Diagnosis	ICD-10-CM	245	Preterm labor second trimester with preterm delivery third trimester	1	0	26
O60.13X4	Diagnosis	ICD-10-CM	245	Preterm labor second trimester with preterm delivery third trimester	1	0	26
O60.13X5	Diagnosis	ICD-10-CM	245	Preterm labor second trimester with preterm delivery third trimester	1	0	26
O60.13X9	Diagnosis	ICD-10-CM	245	Preterm labor second trimester with preterm delivery third trimester	1	0	26
O60.14X0	Diagnosis	ICD-10-CM	245	Preterm labor third trimester with preterm delivery third trimester	1	0	26
O60.14X1	Diagnosis	ICD-10-CM	245	Preterm labor third trimester with preterm delivery third trimester	1	0	26
O60.14X2	Diagnosis	ICD-10-CM	245	Preterm labor third trimester with preterm delivery third trimester	1	0	26
O60.14X3	Diagnosis	ICD-10-CM	245	Preterm labor third trimester with preterm delivery third trimester	1	0	26
O60.14X4	Diagnosis	ICD-10-CM	245	Preterm labor third trimester with preterm delivery third trimester	1	0	26
O60.14X5	Diagnosis	ICD-10-CM	245	Preterm labor third trimester with preterm delivery third trimester	1	0	26
O60.14X9	Diagnosis	ICD-10-CM	245	Preterm labor third trimester with preterm delivery third trimester	1	0	26
P07.30	Diagnosis	ICD-10-CM	245	Preterm newborn, unspecified weeks of gestation	1	0	26

Appendix B. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define the Gestational Age Algorithm

Code	Code Type	Code Category	Duration	Description	Priority Group 1	Priority Group 2	Priority
O60.12X0	Diagnosis	ICD-10-CM	168	Preterm labor second trimester with preterm delivery second trimester	1	0	27
O60.12X1	Diagnosis	ICD-10-CM	168	Preterm labor second trimester with preterm delivery second trimester	1	0	27
O60.12X2	Diagnosis	ICD-10-CM	168	Preterm labor second trimester with preterm delivery second trimester	1	0	27
O60.12X3	Diagnosis	ICD-10-CM	168	Preterm labor second trimester with preterm delivery second trimester	1	0	27
O60.12X4	Diagnosis	ICD-10-CM	168	Preterm labor second trimester with preterm delivery second trimester	1	0	27
O60.12X5	Diagnosis	ICD-10-CM	168	Preterm labor second trimester with preterm delivery second trimester	1	0	27
O60.12X9	Diagnosis	ICD-10-CM	168	Preterm labor second trimester with preterm delivery second trimester	1	0	27
645.20	Diagnosis	ICD-9-CM	294	Prolonged pregnancy	0	1	28
645.21	Diagnosis	ICD-9-CM	294	Prolonged pregnancy	0	1	28
645.23	Diagnosis	ICD-9-CM	294	Prolonged pregnancy	0	1	28
765.28	Diagnosis	ICD-9-CM	252	35-36 completed weeks of gestation	1	0	28
766.22	Diagnosis	ICD-9-CM	294	Prolonged gestation of infant	0	1	28
645.10	Diagnosis	ICD-9-CM	287	Post term pregnancy	0	1	29
645.11	Diagnosis	ICD-9-CM	287	Post term pregnancy	0	1	29
645.13	Diagnosis	ICD-9-CM	287	Post term pregnancy	0	1	29
765.27	Diagnosis	ICD-9-CM	238	33-34 completed weeks of gestation	1	0	29
766.21	Diagnosis	ICD-9-CM	287	Post-term infant	0	1	29
765.26	Diagnosis	ICD-9-CM	224	31-32 completed weeks of gestation	1	0	30
765.25	Diagnosis	ICD-9-CM	210	29-30 completed weeks of gestation	1	0	31
765.24	Diagnosis	ICD-9-CM	196	27-28 completed weeks of gestation	1	0	32
765.23	Diagnosis	ICD-9-CM	182	25-26 completed weeks of gestation	1	0	33
765.21	Diagnosis	ICD-9-CM	168	Less than 24 completed weeks of gestation	1	0	34
765.22	Diagnosis	ICD-9-CM	168	24 completed weeks of gestation	1	0	34
765.00	Diagnosis	ICD-9-CM	196	Extreme immaturity, by weight	1	0	35
765.01	Diagnosis	ICD-9-CM	196	Extreme immaturity, by weight	1	0	35
765.02	Diagnosis	ICD-9-CM	196	Extreme immaturity, by weight	1	0	35
765.03	Diagnosis	ICD-9-CM	196	Extreme immaturity, by weight	1	0	35
765.04	Diagnosis	ICD-9-CM	196	Extreme immaturity, by weight	1	0	35
765.05	Diagnosis	ICD-9-CM	196	Extreme immaturity, by weight	1	0	35
765.06	Diagnosis	ICD-9-CM	196	Extreme immaturity, by weight	1	0	35

Appendix B. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Define the Gestational Age Algorithm

Code	Code Type	Code Category	Duration	Description	Priority Group 1	Priority Group 2	Priority
765.07	Diagnosis	ICD-9-CM	196	Extreme immaturity, by weight	1	0	35
765.08	Diagnosis	ICD-9-CM	196	Extreme immaturity, by weight	1	0	35
765.09	Diagnosis	ICD-9-CM	196	Extreme immaturity, by weight	1	0	35
644.21	Diagnosis	ICD-9-CM	245	Early onset of delivery, delivered, with or without mention of antepartum condition	1	0	36
765.10	Diagnosis	ICD-9-CM	245	Other preterm infants, by weight	1	0	36
765.11	Diagnosis	ICD-9-CM	245	Other preterm infants, by weight	1	0	36
765.12	Diagnosis	ICD-9-CM	245	Other preterm infants, by weight	1	0	36
765.13	Diagnosis	ICD-9-CM	245	Other preterm infants, by weight	1	0	36
7651.4	Diagnosis	ICD-9-CM	245	Other preterm infants, by weight	1	0	36
765.15	Diagnosis	ICD-9-CM	245	Other preterm infants, by weight	1	0	36
765.16	Diagnosis	ICD-9-CM	245	Other preterm infants, by weight	1	0	36
765.17	Diagnosis	ICD-9-CM	245	Other preterm infants, by weight	1	0	36
765.18	Diagnosis	ICD-9-CM	245	Other preterm infants, by weight	1	0	36
765.19	Diagnosis	ICD-9-CM	245	Other preterm infants, by weight	1	0	36
765.20	Diagnosis	ICD-9-CM	245	Unspecified weeks of gestation	1	0	36

If multiple codes for specific weeks of gestation (Z codes), preterm delivery, and/or postterm delivery are available, the ICD-10 algorithm for gestational age prioritizes the following codes:

- (1) **Codes that specify weeks of gestation, including all Z codes ranging from 20 weeks through ≥ 42 weeks of gestation in one week increments, and codes that indicate preterm delivery with weeks of gestation specified in one week increments (other than Z codes).** If multiple codes are observed, codes indicating longer gestational age are prioritized over those indicating shorter gestational age. We assumed the approximate mid-point of the specified gestational age [e.g., assumption of 263 days (37 weeks and 4 days) for 37 weeks gestation].
- (2) **Codes that indicate preterm delivery without specifying weeks of gestation.** If multiple codes are observed, codes with more specificity (e.g., preterm delivery, 2nd trimester of pregnancy or 'extreme immaturity') are prioritized over those with less specificity (e.g., preterm newborn, unspecified weeks of gestation). Further, codes indicating longer gestational age are prioritized over those indicating shorter gestational age.
- (3) **Codes that indicate postterm delivery without specifying weeks of gestation.** If multiple codes are observed, codes indicating longer gestational age are prioritized over those indicating shorter gestational age.

If no codes for preterm or postterm delivery are observed, then the default assumption for gestational age is 273 days. However, this assumption is user specified and can be modified.

Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Live-Birth Deliveries

Code	Description	Code Category	Code Type
Live-Birth Delivery			
0W8NXZZ	Division of Female Perineum, External Approach	ICD-10-PCS	Procedure
10900ZC	Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Open Approach	ICD-10-PCS	Procedure
10903ZC	Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Percutaneous Approach	ICD-10-PCS	Procedure
10904ZC	Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Percutaneous Endoscopic Approach	ICD-10-PCS	Procedure
10907ZC	Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10908ZC	Drainage of Amniotic Fluid, Therapeutic from Products of Conception, Via Natural or Artificial Opening Endoscopic	ICD-10-PCS	Procedure
10D00Z0	Extraction of Products of Conception, Classical, Open Approach	ICD-10-PCS	Procedure
10D00Z1	Extraction of Products of Conception, Low Cervical, Open Approach	ICD-10-PCS	Procedure
10D00Z2	Extraction of Products of Conception, Extraperitoneal, Open Approach	ICD-10-PCS	Procedure
10D07Z3	Extraction of Products of Conception, Low Forceps, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10D07Z4	Extraction of Products of Conception, Mid Forceps, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10D07Z5	Extraction of Products of Conception, High Forceps, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10D07Z6	Extraction of Products of Conception, Vacuum, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10D07Z7	Extraction of Products of Conception, Internal Version, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10D07Z8	Extraction of Products of Conception, Other, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
10E0XZZ	Delivery of Products of Conception, External Approach	ICD-10-PCS	Procedure
10S07ZZ	Reposition Products of Conception, Via Natural or Artificial Opening	ICD-10-PCS	Procedure
O10.02	Pre-existing essential hypertension complicating childbirth	ICD-10-CM	Diagnosis
O10.12	Pre-existing hypertensive heart disease complicating childbirth	ICD-10-CM	Diagnosis
O10.22	Pre-existing hypertensive chronic kidney disease complicating childbirth	ICD-10-CM	Diagnosis
O10.32	Pre-existing hypertensive heart and chronic kidney disease complicating childbirth	ICD-10-CM	Diagnosis
O10.42	Pre-existing secondary hypertension complicating childbirth	ICD-10-CM	Diagnosis
O10.92	Unspecified pre-existing hypertension complicating childbirth	ICD-10-CM	Diagnosis
O11.4	Pre-existing hypertension with pre-eclampsia, complicating childbirth	ICD-10-CM	Diagnosis
O12.04	Gestational edema, complicating childbirth	ICD-10-CM	Diagnosis
O12.14	Gestational proteinuria, complicating childbirth	ICD-10-CM	Diagnosis
O12.24	Gestational edema with proteinuria, complicating childbirth	ICD-10-CM	Diagnosis
O13.4	Gestational [pregnancy-induced] hypertension without significant proteinuria, complicating childbirth	ICD-10-CM	Diagnosis
O14.04	Mild to moderate pre-eclampsia, complicating childbirth	ICD-10-CM	Diagnosis
O14.14	Severe pre-eclampsia complicating childbirth	ICD-10-CM	Diagnosis
O14.24	HELLP syndrome, complicating childbirth	ICD-10-CM	Diagnosis
O14.94	Unspecified pre-eclampsia, complicating childbirth	ICD-10-CM	Diagnosis
O16.4	Unspecified maternal hypertension, complicating childbirth	ICD-10-CM	Diagnosis

Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Live-Birth Deliveries

Code	Description	Code Category	Code Type
O24.02	Pre-existing type 1 diabetes mellitus, in childbirth	ICD-10-CM	Diagnosis
O24.12	Pre-existing type 2 diabetes mellitus, in childbirth	ICD-10-CM	Diagnosis
O24.32	Unspecified pre-existing diabetes mellitus in childbirth	ICD-10-CM	Diagnosis
O24.420	Gestational diabetes mellitus in childbirth, diet controlled	ICD-10-CM	Diagnosis
O24.424	Gestational diabetes mellitus in childbirth, insulin controlled	ICD-10-CM	Diagnosis
O24.425	Gestational diabetes mellitus in childbirth, controlled by oral hypoglycemic drugs	ICD-10-CM	Diagnosis
O24.429	Gestational diabetes mellitus in childbirth, unspecified control	ICD-10-CM	Diagnosis
O24.82	Other pre-existing diabetes mellitus in childbirth	ICD-10-CM	Diagnosis
O24.92	Unspecified diabetes mellitus in childbirth	ICD-10-CM	Diagnosis
O25.2	Malnutrition in childbirth	ICD-10-CM	Diagnosis
O26.62	Liver and biliary tract disorders in childbirth	ICD-10-CM	Diagnosis
O26.72	Subluxation of symphysis (pubis) in childbirth	ICD-10-CM	Diagnosis
O60.12X0	Preterm labor second trimester with preterm delivery second trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O60.12X1	Preterm labor second trimester with preterm delivery second trimester, fetus 1	ICD-10-CM	Diagnosis
O60.12X2	Preterm labor second trimester with preterm delivery second trimester, fetus 2	ICD-10-CM	Diagnosis
O60.12X3	Preterm labor second trimester with preterm delivery second trimester, fetus 3	ICD-10-CM	Diagnosis
O60.12X4	Preterm labor second trimester with preterm delivery second trimester, fetus 4	ICD-10-CM	Diagnosis
O60.12X5	Preterm labor second trimester with preterm delivery second trimester, fetus 5	ICD-10-CM	Diagnosis
O60.12X9	Preterm labor second trimester with preterm delivery second trimester, other fetus	ICD-10-CM	Diagnosis
O60.13X0	Preterm labor second trimester with preterm delivery third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O60.13X1	Preterm labor second trimester with preterm delivery third trimester, fetus 1	ICD-10-CM	Diagnosis
O60.13X2	Preterm labor second trimester with preterm delivery third trimester, fetus 2	ICD-10-CM	Diagnosis
O60.13X3	Preterm labor second trimester with preterm delivery third trimester, fetus 3	ICD-10-CM	Diagnosis
O60.13X4	Preterm labor second trimester with preterm delivery third trimester, fetus 4	ICD-10-CM	Diagnosis
O60.13X5	Preterm labor second trimester with preterm delivery third trimester, fetus 5	ICD-10-CM	Diagnosis
O60.13X9	Preterm labor second trimester with preterm delivery third trimester, other fetus	ICD-10-CM	Diagnosis
O60.14X0	Preterm labor third trimester with preterm delivery third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O60.14X1	Preterm labor third trimester with preterm delivery third trimester, fetus 1	ICD-10-CM	Diagnosis
O60.14X2	Preterm labor third trimester with preterm delivery third trimester, fetus 2	ICD-10-CM	Diagnosis
O60.14X3	Preterm labor third trimester with preterm delivery third trimester, fetus 3	ICD-10-CM	Diagnosis
O60.14X4	Preterm labor third trimester with preterm delivery third trimester, fetus 4	ICD-10-CM	Diagnosis
O60.14X5	Preterm labor third trimester with preterm delivery third trimester, fetus 5	ICD-10-CM	Diagnosis
O60.14X9	Preterm labor third trimester with preterm delivery third trimester, other fetus	ICD-10-CM	Diagnosis
O60.22X0	Term delivery with preterm labor, second trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O60.22X1	Term delivery with preterm labor, second trimester, fetus 1	ICD-10-CM	Diagnosis

Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Live-Birth Deliveries

Code	Description	Code Category	Code Type
O60.22X2	Term delivery with preterm labor, second trimester, fetus 2	ICD-10-CM	Diagnosis
O60.22X3	Term delivery with preterm labor, second trimester, fetus 3	ICD-10-CM	Diagnosis
O60.22X4	Term delivery with preterm labor, second trimester, fetus 4	ICD-10-CM	Diagnosis
O60.22X5	Term delivery with preterm labor, second trimester, fetus 5	ICD-10-CM	Diagnosis
O60.22X9	Term delivery with preterm labor, second trimester, other fetus	ICD-10-CM	Diagnosis
O60.23X0	Term delivery with preterm labor, third trimester, not applicable or unspecified	ICD-10-CM	Diagnosis
O60.23X1	Term delivery with preterm labor, third trimester, fetus 1	ICD-10-CM	Diagnosis
O60.23X2	Term delivery with preterm labor, third trimester, fetus 2	ICD-10-CM	Diagnosis
O60.23X3	Term delivery with preterm labor, third trimester, fetus 3	ICD-10-CM	Diagnosis
O60.23X4	Term delivery with preterm labor, third trimester, fetus 4	ICD-10-CM	Diagnosis
O60.23X5	Term delivery with preterm labor, third trimester, fetus 5	ICD-10-CM	Diagnosis
O60.23X9	Term delivery with preterm labor, third trimester, other fetus	ICD-10-CM	Diagnosis
O63.2	Delayed delivery of second twin, triplet, etc	ICD-10-CM	Diagnosis
O67.0	Intrapartum hemorrhage with coagulation defect	ICD-10-CM	Diagnosis
O67.8	Other intrapartum hemorrhage	ICD-10-CM	Diagnosis
O67.9	Intrapartum hemorrhage, unspecified	ICD-10-CM	Diagnosis
O68	Labor and delivery complicated by abnormality of fetal acid-base balance	ICD-10-CM	Diagnosis
O69.0XX0	Labor and delivery complicated by prolapse of cord, not applicable or unspecified	ICD-10-CM	Diagnosis
O69.0XX1	Labor and delivery complicated by prolapse of cord, fetus 1	ICD-10-CM	Diagnosis
O69.0XX2	Labor and delivery complicated by prolapse of cord, fetus 2	ICD-10-CM	Diagnosis
O69.0XX3	Labor and delivery complicated by prolapse of cord, fetus 3	ICD-10-CM	Diagnosis
O69.0XX4	Labor and delivery complicated by prolapse of cord, fetus 4	ICD-10-CM	Diagnosis
O69.0XX5	Labor and delivery complicated by prolapse of cord, fetus 5	ICD-10-CM	Diagnosis
O69.0XX9	Labor and delivery complicated by prolapse of cord, other fetus	ICD-10-CM	Diagnosis
O69.1XX0	Labor and delivery complicated by cord around neck, with compression, not applicable or unspecified	ICD-10-CM	Diagnosis
O69.1XX1	Labor and delivery complicated by cord around neck, with compression, fetus 1	ICD-10-CM	Diagnosis
O69.1XX2	Labor and delivery complicated by cord around neck, with compression, fetus 2	ICD-10-CM	Diagnosis
O69.1XX3	Labor and delivery complicated by cord around neck, with compression, fetus 3	ICD-10-CM	Diagnosis
O69.1XX4	Labor and delivery complicated by cord around neck, with compression, fetus 4	ICD-10-CM	Diagnosis
O69.1XX5	Labor and delivery complicated by cord around neck, with compression, fetus 5	ICD-10-CM	Diagnosis
O69.1XX9	Labor and delivery complicated by cord around neck, with compression, other fetus	ICD-10-CM	Diagnosis
O69.2XX0	Labor and delivery complicated by other cord entanglement, with compression, not applicable or unspecified	ICD-10-CM	Diagnosis
O69.2XX1	Labor and delivery complicated by other cord entanglement, with compression, fetus 1	ICD-10-CM	Diagnosis
O69.2XX2	Labor and delivery complicated by other cord entanglement, with compression, fetus 2	ICD-10-CM	Diagnosis
O69.2XX3	Labor and delivery complicated by other cord entanglement, with compression, fetus 3	ICD-10-CM	Diagnosis
O69.2XX4	Labor and delivery complicated by other cord entanglement, with compression, fetus 4	ICD-10-CM	Diagnosis

Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Live-Birth Deliveries

Code	Description	Code Category	Code Type
O69.2XX5	Labor and delivery complicated by other cord entanglement, with compression, fetus 5	ICD-10-CM	Diagnosis
O69.2XX9	Labor and delivery complicated by other cord entanglement, with compression, other fetus	ICD-10-CM	Diagnosis
O69.3XX0	Labor and delivery complicated by short cord, not applicable or unspecified	ICD-10-CM	Diagnosis
O69.3XX1	Labor and delivery complicated by short cord, fetus 1	ICD-10-CM	Diagnosis
O69.3XX2	Labor and delivery complicated by short cord, fetus 2	ICD-10-CM	Diagnosis
O69.3XX3	Labor and delivery complicated by short cord, fetus 3	ICD-10-CM	Diagnosis
O69.3XX4	Labor and delivery complicated by short cord, fetus 4	ICD-10-CM	Diagnosis
O69.3XX5	Labor and delivery complicated by short cord, fetus 5	ICD-10-CM	Diagnosis
O69.3XX9	Labor and delivery complicated by short cord, other fetus	ICD-10-CM	Diagnosis
O69.4XX0	Labor and delivery complicated by vasa previa, not applicable or unspecified	ICD-10-CM	Diagnosis
O69.4XX1	Labor and delivery complicated by vasa previa, fetus 1	ICD-10-CM	Diagnosis
O69.4XX2	Labor and delivery complicated by vasa previa, fetus 2	ICD-10-CM	Diagnosis
O69.4XX3	Labor and delivery complicated by vasa previa, fetus 3	ICD-10-CM	Diagnosis
O69.4XX4	Labor and delivery complicated by vasa previa, fetus 4	ICD-10-CM	Diagnosis
O69.4XX5	Labor and delivery complicated by vasa previa, fetus 5	ICD-10-CM	Diagnosis
O69.4XX9	Labor and delivery complicated by vasa previa, other fetus	ICD-10-CM	Diagnosis
O69.5XX0	Labor and delivery complicated by vascular lesion of cord, not applicable or unspecified	ICD-10-CM	Diagnosis
O69.5XX1	Labor and delivery complicated by vascular lesion of cord, fetus 1	ICD-10-CM	Diagnosis
O69.5XX2	Labor and delivery complicated by vascular lesion of cord, fetus 2	ICD-10-CM	Diagnosis
O69.5XX3	Labor and delivery complicated by vascular lesion of cord, fetus 3	ICD-10-CM	Diagnosis
O69.5XX4	Labor and delivery complicated by vascular lesion of cord, fetus 4	ICD-10-CM	Diagnosis
O69.5XX5	Labor and delivery complicated by vascular lesion of cord, fetus 5	ICD-10-CM	Diagnosis
O69.5XX9	Labor and delivery complicated by vascular lesion of cord, other fetus	ICD-10-CM	Diagnosis
O69.81X0	Labor and delivery complicated by cord around neck, without compression, not applicable or unspecified	ICD-10-CM	Diagnosis
O69.81X1	Labor and delivery complicated by cord around neck, without compression, fetus 1	ICD-10-CM	Diagnosis
O69.81X2	Labor and delivery complicated by cord around neck, without compression, fetus 2	ICD-10-CM	Diagnosis
O69.81X3	Labor and delivery complicated by cord around neck, without compression, fetus 3	ICD-10-CM	Diagnosis
O69.81X4	Labor and delivery complicated by cord around neck, without compression, fetus 4	ICD-10-CM	Diagnosis
O69.81X5	Labor and delivery complicated by cord around neck, without compression, fetus 5	ICD-10-CM	Diagnosis
O69.81X9	Labor and delivery complicated by cord around neck, without compression, other fetus	ICD-10-CM	Diagnosis
O69.82X0	Labor and delivery complicated by other cord entanglement, without compression, not applicable or unspecified	ICD-10-CM	Diagnosis
O69.82X1	Labor and delivery complicated by other cord entanglement, without compression, fetus 1	ICD-10-CM	Diagnosis
O69.82X2	Labor and delivery complicated by other cord entanglement, without compression, fetus 2	ICD-10-CM	Diagnosis

Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Live-Birth Deliveries

Code	Description	Code Category	Code Type
O69.82X3	Labor and delivery complicated by other cord entanglement, without compression, fetus 3	ICD-10-CM	Diagnosis
O69.82X4	Labor and delivery complicated by other cord entanglement, without compression, fetus 4	ICD-10-CM	Diagnosis
O69.82X5	Labor and delivery complicated by other cord entanglement, without compression, fetus 5	ICD-10-CM	Diagnosis
O69.82X9	Labor and delivery complicated by other cord entanglement, without compression, other fetus	ICD-10-CM	Diagnosis
O69.89X0	Labor and delivery complicated by other cord complications, not applicable or unspecified	ICD-10-CM	Diagnosis
O69.89X1	Labor and delivery complicated by other cord complications, fetus 1	ICD-10-CM	Diagnosis
O69.89X2	Labor and delivery complicated by other cord complications, fetus 2	ICD-10-CM	Diagnosis
O69.89X3	Labor and delivery complicated by other cord complications, fetus 3	ICD-10-CM	Diagnosis
O69.89X4	Labor and delivery complicated by other cord complications, fetus 4	ICD-10-CM	Diagnosis
O69.89X5	Labor and delivery complicated by other cord complications, fetus 5	ICD-10-CM	Diagnosis
O69.89X9	Labor and delivery complicated by other cord complications, other fetus	ICD-10-CM	Diagnosis
O69.9XX0	Labor and delivery complicated by cord complication, unspecified, not applicable or unspecified	ICD-10-CM	Diagnosis
O69.9XX1	Labor and delivery complicated by cord complication, unspecified, fetus 1	ICD-10-CM	Diagnosis
O69.9XX2	Labor and delivery complicated by cord complication, unspecified, fetus 2	ICD-10-CM	Diagnosis
O69.9XX3	Labor and delivery complicated by cord complication, unspecified, fetus 3	ICD-10-CM	Diagnosis
O69.9XX4	Labor and delivery complicated by cord complication, unspecified, fetus 4	ICD-10-CM	Diagnosis
O69.9XX5	Labor and delivery complicated by cord complication, unspecified, fetus 5	ICD-10-CM	Diagnosis
O69.9XX9	Labor and delivery complicated by cord complication, unspecified, other fetus	ICD-10-CM	Diagnosis
O70.0	First degree perineal laceration during delivery	ICD-10-CM	Diagnosis
O70.1	Second degree perineal laceration during delivery	ICD-10-CM	Diagnosis
O70.20	Third degree perineal laceration during delivery, unspecified	ICD-10-CM	Diagnosis
O70.21	Third degree perineal laceration during delivery, IIIa	ICD-10-CM	Diagnosis
O70.22	Third degree perineal laceration during delivery, IIIb	ICD-10-CM	Diagnosis
O70.23	Third degree perineal laceration during delivery, IIIc	ICD-10-CM	Diagnosis
O70.3	Fourth degree perineal laceration during delivery	ICD-10-CM	Diagnosis
O70.4	Anal sphincter tear complicating delivery, not associated with third degree laceration	ICD-10-CM	Diagnosis
O70.9	Perineal laceration during delivery, unspecified	ICD-10-CM	Diagnosis
O74.0	Aspiration pneumonitis due to anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O74.1	Other pulmonary complications of anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O74.2	Cardiac complications of anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O74.3	Central nervous system complications of anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O74.4	Toxic reaction to local anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O74.5	Spinal and epidural anesthesia-induced headache during labor and delivery	ICD-10-CM	Diagnosis

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Code	Description	Code Category	Code Type
O74.6	Other complications of spinal and epidural anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O74.7	Failed or difficult intubation for anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O74.8	Other complications of anesthesia during labor and delivery	ICD-10-CM	Diagnosis
O74.9	Complication of anesthesia during labor and delivery, unspecified	ICD-10-CM	Diagnosis
O75.0	Maternal distress during labor and delivery	ICD-10-CM	Diagnosis
O75.1	Shock during or following labor and delivery	ICD-10-CM	Diagnosis
O75.5	Delayed delivery after artificial rupture of membranes	ICD-10-CM	Diagnosis
O75.81	Maternal exhaustion complicating labor and delivery	ICD-10-CM	Diagnosis
O75.82	Onset (spontaneous) of labor after 37 completed weeks of gestation but before 39 completed weeks gestation, with delivery by (planned) cesarean section	ICD-10-CM	Diagnosis
O75.89	Other specified complications of labor and delivery	ICD-10-CM	Diagnosis
O75.9	Complication of labor and delivery, unspecified	ICD-10-CM	Diagnosis
O76	Abnormality in fetal heart rate and rhythm complicating labor and delivery	ICD-10-CM	Diagnosis
O77.0	Labor and delivery complicated by meconium in amniotic fluid	ICD-10-CM	Diagnosis
O77.8	Labor and delivery complicated by other evidence of fetal stress	ICD-10-CM	Diagnosis
O77.9	Labor and delivery complicated by fetal stress, unspecified	ICD-10-CM	Diagnosis
O80	Encounter for full-term uncomplicated delivery	ICD-10-CM	Diagnosis
O82	Encounter for cesarean delivery without indication	ICD-10-CM	Diagnosis
O88.02	Air embolism in childbirth	ICD-10-CM	Diagnosis
O88.12	Amniotic fluid embolism in childbirth	ICD-10-CM	Diagnosis
O88.22	Thromboembolism in childbirth	ICD-10-CM	Diagnosis
O88.32	Pyemic and septic embolism in childbirth	ICD-10-CM	Diagnosis
O88.82	Other embolism in childbirth	ICD-10-CM	Diagnosis
O98.02	Tuberculosis complicating childbirth	ICD-10-CM	Diagnosis
O98.12	Syphilis complicating childbirth	ICD-10-CM	Diagnosis
O98.22	Gonorrhea complicating childbirth	ICD-10-CM	Diagnosis
O98.32	Other infections with a predominantly sexual mode of transmission complicating childbirth	ICD-10-CM	Diagnosis
O98.42	Viral hepatitis complicating childbirth	ICD-10-CM	Diagnosis
O98.52	Other viral diseases complicating childbirth	ICD-10-CM	Diagnosis
O98.62	Protozoal diseases complicating childbirth	ICD-10-CM	Diagnosis
O98.72	Human immunodeficiency virus [HIV] disease complicating childbirth	ICD-10-CM	Diagnosis
O98.82	Other maternal infectious and parasitic diseases complicating childbirth	ICD-10-CM	Diagnosis
O98.92	Unspecified maternal infectious and parasitic disease complicating childbirth	ICD-10-CM	Diagnosis
O99.02	Anemia complicating childbirth	ICD-10-CM	Diagnosis
O99.12	Other diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism complicating childbirth	ICD-10-CM	Diagnosis
O99.214	Obesity complicating childbirth	ICD-10-CM	Diagnosis
O99.284	Endocrine, nutritional and metabolic diseases complicating childbirth	ICD-10-CM	Diagnosis

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Code	Description	Code Category	Code Type
O99.314	Alcohol use complicating childbirth	ICD-10-CM	Diagnosis
O99.324	Drug use complicating childbirth	ICD-10-CM	Diagnosis
O99.334	Smoking (tobacco) complicating childbirth	ICD-10-CM	Diagnosis
O99.344	Other mental disorders complicating childbirth	ICD-10-CM	Diagnosis
O99.354	Diseases of the nervous system complicating childbirth	ICD-10-CM	Diagnosis
O99.42	Diseases of the circulatory system complicating childbirth	ICD-10-CM	Diagnosis
O99.52	Diseases of the respiratory system complicating childbirth	ICD-10-CM	Diagnosis
O99.62	Diseases of the digestive system complicating childbirth	ICD-10-CM	Diagnosis
O99.72	Diseases of the skin and subcutaneous tissue complicating childbirth	ICD-10-CM	Diagnosis
O99.814	Abnormal glucose complicating childbirth	ICD-10-CM	Diagnosis
O99.824	Streptococcus B carrier state complicating childbirth	ICD-10-CM	Diagnosis
O99.834	Other infection carrier state complicating childbirth	ICD-10-CM	Diagnosis
O99.844	Bariatric surgery status complicating childbirth	ICD-10-CM	Diagnosis
O9A.12	Malignant neoplasm complicating childbirth	ICD-10-CM	Diagnosis
O9A.22	Injury, poisoning and certain other consequences of external causes complicating childbirth	ICD-10-CM	Diagnosis
O9A.32	Physical abuse complicating childbirth	ICD-10-CM	Diagnosis
O9A.42	Sexual abuse complicating childbirth	ICD-10-CM	Diagnosis
O9A.52	Psychological abuse complicating childbirth	ICD-10-CM	Diagnosis
P03.0	Newborn affected by breech delivery and extraction	ICD-10-CM	Diagnosis
P03.2	Newborn affected by forceps delivery	ICD-10-CM	Diagnosis
P03.3	Newborn affected by delivery by vacuum extractor [ventouse]	ICD-10-CM	Diagnosis
P03.4	Newborn affected by Cesarean delivery	ICD-10-CM	Diagnosis
P03.5	Newborn affected by precipitate delivery	ICD-10-CM	Diagnosis
P07.00	Extremely low birth weight newborn, unspecified weight	ICD-10-CM	Diagnosis
P07.01	Extremely low birth weight newborn, less than 500 grams	ICD-10-CM	Diagnosis
P07.02	Extremely low birth weight newborn, 500-749 grams	ICD-10-CM	Diagnosis
P07.03	Extremely low birth weight newborn, 750-999 grams	ICD-10-CM	Diagnosis
P07.10	Other low birth weight newborn, unspecified weight	ICD-10-CM	Diagnosis
P07.14	Other low birth weight newborn, 1000-1249 grams	ICD-10-CM	Diagnosis
P07.15	Other low birth weight newborn, 1250-1499 grams	ICD-10-CM	Diagnosis
P07.16	Other low birth weight newborn, 1500-1749 grams	ICD-10-CM	Diagnosis
P07.17	Other low birth weight newborn, 1750-1999 grams	ICD-10-CM	Diagnosis
P07.18	Other low birth weight newborn, 2000-2499 grams	ICD-10-CM	Diagnosis
P07.20	Extreme immaturity of newborn, unspecified weeks of gestation	ICD-10-CM	Diagnosis
P07.21	Extreme immaturity of newborn, gestational age less than 23 completed weeks	ICD-10-CM	Diagnosis
P07.22	Extreme immaturity of newborn, gestational age 23 completed weeks	ICD-10-CM	Diagnosis
P07.23	Extreme immaturity of newborn, gestational age 24 completed weeks	ICD-10-CM	Diagnosis

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Code	Description	Code Category	Code Type
P07.24	Extreme immaturity of newborn, gestational age 25 completed weeks	ICD-10-CM	Diagnosis
P07.25	Extreme immaturity of newborn, gestational age 26 completed weeks	ICD-10-CM	Diagnosis
P07.26	Extreme immaturity of newborn, gestational age 27 completed weeks	ICD-10-CM	Diagnosis
P07.30	Preterm newborn, unspecified weeks of gestation	ICD-10-CM	Diagnosis
P07.31	Preterm newborn, gestational age 28 completed weeks	ICD-10-CM	Diagnosis
P07.32	Preterm newborn, gestational age 29 completed weeks	ICD-10-CM	Diagnosis
P07.33	Preterm newborn, gestational age 30 completed weeks	ICD-10-CM	Diagnosis
P07.34	Preterm newborn, gestational age 31 completed weeks	ICD-10-CM	Diagnosis
P07.35	Preterm newborn, gestational age 32 completed weeks	ICD-10-CM	Diagnosis
P07.36	Preterm newborn, gestational age 33 completed weeks	ICD-10-CM	Diagnosis
P07.37	Preterm newborn, gestational age 34 completed weeks	ICD-10-CM	Diagnosis
P07.38	Preterm newborn, gestational age 35 completed weeks	ICD-10-CM	Diagnosis
P07.39	Preterm newborn, gestational age 36 completed weeks	ICD-10-CM	Diagnosis
P08.21	Post-term newborn	ICD-10-CM	Diagnosis
P08.22	Prolonged gestation of newborn	ICD-10-CM	Diagnosis
Z37.0	Single live birth	ICD-10-CM	Diagnosis
Z37.2	Twins, both liveborn	ICD-10-CM	Diagnosis
Z37.3	Twins, one liveborn and one stillborn	ICD-10-CM	Diagnosis
Z37.50	Multiple births, unspecified, all liveborn	ICD-10-CM	Diagnosis
Z37.51	Triplets, all liveborn	ICD-10-CM	Diagnosis
Z37.52	Quadruplets, all liveborn	ICD-10-CM	Diagnosis
Z37.53	Quintuplets, all liveborn	ICD-10-CM	Diagnosis
Z37.54	Sextuplets, all liveborn	ICD-10-CM	Diagnosis
Z37.59	Other multiple births, all liveborn	ICD-10-CM	Diagnosis
Z37.60	Multiple births, unspecified, some liveborn	ICD-10-CM	Diagnosis
Z37.61	Triplets, some liveborn	ICD-10-CM	Diagnosis
Z37.62	Quadruplets, some liveborn	ICD-10-CM	Diagnosis
Z37.63	Quintuplets, some liveborn	ICD-10-CM	Diagnosis
Z37.64	Sextuplets, some liveborn	ICD-10-CM	Diagnosis
Z37.69	Other multiple births, some liveborn	ICD-10-CM	Diagnosis
Z37.9	Outcome of delivery, unspecified	ICD-10-CM	Diagnosis
Z38.00	Single liveborn infant, delivered vaginally	ICD-10-CM	Diagnosis
Z38.01	Single liveborn infant, delivered by cesarean	ICD-10-CM	Diagnosis
Z38.1	Single liveborn infant, born outside hospital	ICD-10-CM	Diagnosis
Z38.2	Single liveborn infant, unspecified as to place of birth	ICD-10-CM	Diagnosis
Z38.30	Twin liveborn infant, delivered vaginally	ICD-10-CM	Diagnosis
Z38.31	Twin liveborn infant, delivered by cesarean	ICD-10-CM	Diagnosis
Z38.4	Twin liveborn infant, born outside hospital	ICD-10-CM	Diagnosis

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Code	Description	Code Category	Code Type
Z38.5	Twin liveborn infant, unspecified as to place of birth	ICD-10-CM	Diagnosis
Z38.61	Triplet liveborn infant, delivered vaginally	ICD-10-CM	Diagnosis
Z38.62	Triplet liveborn infant, delivered by cesarean	ICD-10-CM	Diagnosis
Z38.63	Quadruplet liveborn infant, delivered vaginally	ICD-10-CM	Diagnosis
Z38.64	Quadruplet liveborn infant, delivered by cesarean	ICD-10-CM	Diagnosis
Z38.65	Quintuplet liveborn infant, delivered vaginally	ICD-10-CM	Diagnosis
Z38.66	Quintuplet liveborn infant, delivered by cesarean	ICD-10-CM	Diagnosis
Z38.68	Other multiple liveborn infant, delivered vaginally	ICD-10-CM	Diagnosis
Z38.69	Other multiple liveborn infant, delivered by cesarean	ICD-10-CM	Diagnosis
Z38.7	Other multiple liveborn infant, born outside hospital	ICD-10-CM	Diagnosis
Z38.8	Other multiple liveborn infant, unspecified as to place of birth	ICD-10-CM	Diagnosis
59400	Routine obstetric care including antepartum care, vaginal delivery (with or without episiotomy, and/or forceps) and postpartum care	CPT-4	Procedure
59409	Vaginal delivery only (with or without episiotomy and/or forceps);	CPT-4	Procedure
59410	Vaginal delivery only (with or without episiotomy and/or forceps); including postpartum care	CPT-4	Procedure
59510	Routine obstetric care including antepartum care, cesarean delivery, and postpartum care	CPT-4	Procedure
59514	Cesarean delivery only;	CPT-4	Procedure
59515	Cesarean delivery only; including postpartum care	CPT-4	Procedure
59610	Routine obstetric care including antepartum care, vaginal delivery (with or without episiotomy, and/or forceps) and postpartum care, after previous cesarean delivery	CPT-4	Procedure
59612	Vaginal delivery only, after previous cesarean delivery (with or without episiotomy and/or forceps);	CPT-4	Procedure
59614	Vaginal delivery only, after previous cesarean delivery (with or without episiotomy and/or forceps); including postpartum care	CPT-4	Procedure
59618	Routine obstetric care including antepartum care, cesarean delivery, and postpartum care, following attempted vaginal delivery after previous cesarean delivery	CPT-4	Procedure
59620	Cesarean delivery only, following attempted vaginal delivery after previous cesarean delivery;	CPT-4	Procedure
59622	Cesarean delivery only, following attempted vaginal delivery after previous cesarean delivery; including postpartum care	CPT-4	Procedure
650	Normal delivery	ICD-9-CM	Diagnosis
763.0	Fetus or newborn affected by breech delivery and extraction	ICD-9-CM	Diagnosis
763.2	Fetus or newborn affected by forceps delivery	ICD-9-CM	Diagnosis
763.3	Fetus or newborn affected by delivery by vacuum extractor	ICD-9-CM	Diagnosis
763.4	Fetus or newborn affected by cesarean delivery	ICD-9-CM	Diagnosis
763.6	Fetus or newborn affected by precipitate delivery	ICD-9-CM	Diagnosis
768.0	Fetal death from asphyxia or anoxia before onset of labor or at unspecified time	ICD-9-CM	Diagnosis

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

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

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Code	Description	Code Category	Code Type
647.82	Other specified maternal infectious and parasitic disease with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
647.91	Unspecified maternal infection or infestation with delivery	ICD-9-CM	Diagnosis
647.92	Unspecified maternal infection or infestation with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
648.01	Maternal diabetes mellitus with delivery	ICD-9-CM	Diagnosis
648.02	Maternal diabetes mellitus with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
648.11	Maternal thyroid dysfunction with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
648.12	Maternal thyroid dysfunction with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
648.21	Maternal anemia, with delivery	ICD-9-CM	Diagnosis
648.22	Maternal anemia with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
648.31	Maternal drug dependence, with delivery	ICD-9-CM	Diagnosis
648.32	Maternal drug dependence, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
648.41	Maternal mental disorders, with delivery	ICD-9-CM	Diagnosis
648.42	Maternal mental disorders, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
648.51	Maternal congenital cardiovascular disorders, with delivery	ICD-9-CM	Diagnosis
648.52	Maternal congenital cardiovascular disorders, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
648.61	Other maternal cardiovascular diseases, with delivery	ICD-9-CM	Diagnosis
648.62	Other maternal cardiovascular diseases, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
648.71	Bone and joint disorders of maternal back, pelvis, and lower limbs, with delivery	ICD-9-CM	Diagnosis
648.72	Bone and joint disorders of maternal back, pelvis, and lower limbs, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
648.81	Abnormal maternal glucose tolerance, with delivery	ICD-9-CM	Diagnosis
648.82	Abnormal maternal glucose tolerance, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
648.91	Other current maternal conditions classifiable elsewhere, with delivery	ICD-9-CM	Diagnosis
648.92	Other current maternal conditions classifiable elsewhere, with delivery, with current postpartum complication	ICD-9-CM	Diagnosis
649.01	Tobacco use disorder complicating pregnancy, childbirth, or the puerperium, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
649.02	Tobacco use disorder complicating pregnancy, childbirth, or the puerperium, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
649.11	Obesity complicating pregnancy, childbirth, or the puerperium, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
649.12	Obesity complicating pregnancy, childbirth, or the puerperium, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis

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Code	Description	Code Category	Code Type
649.21	Bariatric surgery status complicating pregnancy, childbirth, or the puerperium, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
649.22	Bariatric surgery status complicating pregnancy, childbirth, or the puerperium, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
649.31	Coagulation defects complicating pregnancy, childbirth, or the puerperium, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
649.32	Coagulation defects complicating pregnancy, childbirth, or the puerperium, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
649.41	Epilepsy complicating pregnancy, childbirth, or the puerperium, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
649.42	Epilepsy complicating pregnancy, childbirth, or the puerperium, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
649.51	Spotting complicating pregnancy, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
649.61	Uterine size date discrepancy, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
649.62	Uterine size date discrepancy, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
649.71	Cervical shortening, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
649.81	Onset (spontaneous) of labor after 37 completed weeks of gestation but before 39 completed weeks gestation, with delivery by (planned) cesarean section, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
649.82	Onset (spontaneous) of labor after 37 completed weeks of gestation but before 39 completed weeks gestation, with delivery by (planned) cesarean section, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
651.01	Twin pregnancy, delivered	ICD-9-CM	Diagnosis
651.11	Triplet pregnancy, delivered	ICD-9-CM	Diagnosis
651.21	Quadruplet pregnancy, delivered	ICD-9-CM	Diagnosis
651.31	Twin pregnancy with fetal loss and retention of one fetus, delivered	ICD-9-CM	Diagnosis
651.41	Triplet pregnancy with fetal loss and retention of one or more, delivered	ICD-9-CM	Diagnosis
651.51	Quadruplet pregnancy with fetal loss and retention of one or more, delivered	ICD-9-CM	Diagnosis
651.61	Other multiple pregnancy with fetal loss and retention of one or more fetus(es), delivered	ICD-9-CM	Diagnosis
651.71	Multiple gestation following (elective) fetal reduction, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
651.81	Other specified multiple gestation, delivered	ICD-9-CM	Diagnosis
651.91	Unspecified multiple gestation, delivered	ICD-9-CM	Diagnosis
652.01	Unstable lie of fetus, delivered	ICD-9-CM	Diagnosis
652.11	Breech or other malpresentation successfully converted to cephalic presentation, delivered	ICD-9-CM	Diagnosis

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Code	Description	Code Category	Code Type
652.21	Breech presentation without mention of version, delivered	ICD-9-CM	Diagnosis
652.31	Transverse or oblique fetal presentation, delivered	ICD-9-CM	Diagnosis
652.41	Fetal face or brow presentation, delivered	ICD-9-CM	Diagnosis
652.51	High fetal head at term, delivered	ICD-9-CM	Diagnosis
652.61	Multiple gestation with malpresentation of one fetus or more, delivered	ICD-9-CM	Diagnosis
652.71	Prolapsed arm of fetus, delivered	ICD-9-CM	Diagnosis
652.81	Other specified malposition or malpresentation of fetus, delivered	ICD-9-CM	Diagnosis
652.91	Unspecified malposition or malpresentation of fetus, delivered	ICD-9-CM	Diagnosis
653.01	Major abnormality of bony pelvis, not further specified, delivered	ICD-9-CM	Diagnosis
653.11	Generally contracted pelvis in pregnancy, delivered	ICD-9-CM	Diagnosis
653.21	Inlet contraction of pelvis in pregnancy, delivered	ICD-9-CM	Diagnosis
653.31	Outlet contraction of pelvis in pregnancy, delivered	ICD-9-CM	Diagnosis
653.41	Fetopelvic disproportion, delivered	ICD-9-CM	Diagnosis
653.51	Unusually large fetus causing disproportion, delivered	ICD-9-CM	Diagnosis
653.61	Hydrocephalic fetus causing disproportion, delivered	ICD-9-CM	Diagnosis
653.71	Other fetal abnormality causing disproportion, delivered	ICD-9-CM	Diagnosis
653.81	Fetal disproportion of other origin, delivered	ICD-9-CM	Diagnosis
653.91	Unspecified fetal disproportion, delivered	ICD-9-CM	Diagnosis
654.01	Congenital abnormalities of pregnant uterus, delivered	ICD-9-CM	Diagnosis
654.02	Congenital abnormalities of pregnant uterus, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
654.11	Tumors of body of uterus, delivered	ICD-9-CM	Diagnosis
654.12	Tumors of body of uterus, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
654.21	Previous cesarean delivery, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
654.31	Retroverted and incarcerated gravid uterus, delivered	ICD-9-CM	Diagnosis
654.32	Retroverted and incarcerated gravid uterus, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
654.41	Other abnormalities in shape or position of gravid uterus and of neighboring structures, delivered	ICD-9-CM	Diagnosis
654.42	Other abnormalities in shape or position of gravid uterus and of neighboring structures, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
654.51	Cervical incompetence, delivered	ICD-9-CM	Diagnosis
654.52	Cervical incompetence, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
654.61	Other congenital or acquired abnormality of cervix, with delivery	ICD-9-CM	Diagnosis
654.62	Other congenital or acquired abnormality of cervix, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
654.71	Congenital or acquired abnormality of vagina, with delivery	ICD-9-CM	Diagnosis
654.72	Congenital or acquired abnormality of vagina, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis

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Code	Description	Code Category	Code Type
654.81	Congenital or acquired abnormality of vulva, with delivery	ICD-9-CM	Diagnosis
654.82	Congenital or acquired abnormality of vulva, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
654.91	Other and unspecified abnormality of organs and soft tissues of pelvis, with delivery	ICD-9-CM	Diagnosis
654.92	Other and unspecified abnormality of organs and soft tissues of pelvis, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
655.01	Central nervous system malformation in fetus, with delivery	ICD-9-CM	Diagnosis
655.11	Chromosomal abnormality in fetus, affecting management of mother, with delivery	ICD-9-CM	Diagnosis
655.21	Hereditary disease in family possibly affecting fetus, affecting management of mother, with delivery	ICD-9-CM	Diagnosis
655.31	Suspected damage to fetus from viral disease in mother, affecting management of mother, with delivery	ICD-9-CM	Diagnosis
655.41	Suspected damage to fetus from other disease in mother, affecting management of mother, with delivery	ICD-9-CM	Diagnosis
655.51	Suspected damage to fetus from drugs, affecting management of mother, delivered	ICD-9-CM	Diagnosis
655.61	Suspected damage to fetus from radiation, affecting management of mother, delivered	ICD-9-CM	Diagnosis
655.71	Decreased fetal movements, affecting management of mother, delivered	ICD-9-CM	Diagnosis
655.81	Other known or suspected fetal abnormality, not elsewhere classified, affecting management of mother, delivery	ICD-9-CM	Diagnosis
655.91	Unspecified fetal abnormality affecting management of mother, delivery	ICD-9-CM	Diagnosis
656.01	Fetal-maternal hemorrhage, with delivery	ICD-9-CM	Diagnosis
656.11	Rhesus isoimmunization affecting management of mother, delivered	ICD-9-CM	Diagnosis
656.21	Isoimmunization from other and unspecified blood-group incompatibility, affecting management of mother, delivered	ICD-9-CM	Diagnosis
656.31	Fetal distress affecting management of mother, delivered	ICD-9-CM	Diagnosis
656.41	Intrauterine death affecting management of mother, delivered	ICD-9-CM	Diagnosis
656.51	Poor fetal growth, affecting management of mother, delivered	ICD-9-CM	Diagnosis
656.61	Excessive fetal growth affecting management of mother, delivered	ICD-9-CM	Diagnosis
656.71	Other placental conditions affecting management of mother, delivered	ICD-9-CM	Diagnosis
656.81	Other specified fetal and placental problems affecting management of mother, delivered	ICD-9-CM	Diagnosis
656.91	Unspecified fetal and placental problem affecting management of mother, delivered	ICD-9-CM	Diagnosis
657.01	Polyhydramnios, with delivery	ICD-9-CM	Diagnosis
658.01	Oligohydramnios, delivered	ICD-9-CM	Diagnosis
658.11	Premature rupture of membranes in pregnancy, delivered	ICD-9-CM	Diagnosis
658.21	Delayed delivery after spontaneous or unspecified rupture of membranes, delivered	ICD-9-CM	Diagnosis
658.31	Delayed delivery after artificial rupture of membranes, delivered	ICD-9-CM	Diagnosis
658.41	Infection of amniotic cavity, delivered	ICD-9-CM	Diagnosis
658.81	Other problem associated with amniotic cavity and membranes, delivered	ICD-9-CM	Diagnosis
658.91	Unspecified problem associated with amniotic cavity and membranes, delivered	ICD-9-CM	Diagnosis

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Code	Description	Code Category	Code Type
659.01	Failed mechanical induction of labor, delivered	ICD-9-CM	Diagnosis
659.11	Failed medical or unspecified induction of labor, delivered	ICD-9-CM	Diagnosis
659.21	Unspecified maternal pyrexia during labor, delivered	ICD-9-CM	Diagnosis
659.31	Generalized infection during labor, delivered	ICD-9-CM	Diagnosis
659.41	Grand multiparity, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
659.51	Elderly primigravida, delivered	ICD-9-CM	Diagnosis
659.61	Elderly multigravida, delivered, with mention of antepartum condition	ICD-9-CM	Diagnosis
659.71	Abnormality in fetal heart rate or rhythm, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
659.81	Other specified indication for care or intervention related to labor and delivery, delivered	ICD-9-CM	Diagnosis
659.91	Unspecified indication for care or intervention related to labor and delivery, delivered	ICD-9-CM	Diagnosis
660.01	Obstruction caused by malposition of fetus at onset of labor, delivered	ICD-9-CM	Diagnosis
660.11	Obstruction by bony pelvis during labor and delivery, delivered	ICD-9-CM	Diagnosis
660.21	Obstruction by abnormal pelvic soft tissues during labor and delivery, delivered	ICD-9-CM	Diagnosis
660.31	Deep transverse arrest and persistent occipitoposterior position during labor and delivery, delivered	ICD-9-CM	Diagnosis
660.41	Shoulder (girdle) dystocia during labor and delivery, delivered	ICD-9-CM	Diagnosis
660.51	Locked twins, delivered	ICD-9-CM	Diagnosis
660.61	Unspecified failed trial of labor, delivered	ICD-9-CM	Diagnosis
660.71	Unspecified failed forceps or vacuum extractor, delivered	ICD-9-CM	Diagnosis
660.81	Other causes of obstructed labor, delivered	ICD-9-CM	Diagnosis
660.91	Unspecified obstructed labor, with delivery	ICD-9-CM	Diagnosis
661.01	Primary uterine inertia, with delivery	ICD-9-CM	Diagnosis
661.11	Secondary uterine inertia, with delivery	ICD-9-CM	Diagnosis
661.21	Other and unspecified uterine inertia, with delivery	ICD-9-CM	Diagnosis
661.31	Precipitate labor, with delivery	ICD-9-CM	Diagnosis
661.41	Hypertonic, incoordinate, or prolonged uterine contractions, with delivery	ICD-9-CM	Diagnosis
661.91	Unspecified abnormality of labor, with delivery	ICD-9-CM	Diagnosis
662.01	Prolonged first stage of labor, delivered	ICD-9-CM	Diagnosis
662.11	Unspecified prolonged labor, delivered	ICD-9-CM	Diagnosis
662.21	Prolonged second stage of labor, delivered	ICD-9-CM	Diagnosis
662.31	Delayed delivery of second twin, triplet, etc., delivered	ICD-9-CM	Diagnosis
663.01	Prolapse of cord, complicating labor and delivery, delivered	ICD-9-CM	Diagnosis
663.11	Cord around neck, with compression, complicating labor and delivery, delivered	ICD-9-CM	Diagnosis
663.21	Other and unspecified cord entanglement, with compression, complicating labor and delivery, delivered	ICD-9-CM	Diagnosis
663.31	Other and unspecified cord entanglement, without mention of compression, complicating labor and delivery, delivered	ICD-9-CM	Diagnosis

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Code	Description	Code Category	Code Type
663.41	Short cord complicating labor and delivery, delivered	ICD-9-CM	Diagnosis
663.51	Vasa previa complicating labor and delivery, delivered	ICD-9-CM	Diagnosis
663.61	Vascular lesions of cord complicating labor and delivery, delivered	ICD-9-CM	Diagnosis
663.81	Other umbilical cord complications during labor and delivery, delivered	ICD-9-CM	Diagnosis
663.91	Unspecified umbilical cord complication during labor and delivery, delivered	ICD-9-CM	Diagnosis
664.01	First-degree perineal laceration, with delivery	ICD-9-CM	Diagnosis
664.11	Second-degree perineal laceration, with delivery	ICD-9-CM	Diagnosis
664.21	Third-degree perineal laceration, with delivery	ICD-9-CM	Diagnosis
664.31	Fourth-degree perineal laceration, with delivery	ICD-9-CM	Diagnosis
664.41	Unspecified perineal laceration, with delivery	ICD-9-CM	Diagnosis
664.51	Vulvar and perineal hematoma, with delivery	ICD-9-CM	Diagnosis
664.61	Anal sphincter tear complicating delivery, not associated with third-degree perineal laceration, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
664.81	Other specified trauma to perineum and vulva, with delivery	ICD-9-CM	Diagnosis
664.91	Unspecified trauma to perineum and vulva, with delivery	ICD-9-CM	Diagnosis
665.01	Rupture of uterus before onset of labor, with delivery	ICD-9-CM	Diagnosis
665.11	Rupture of uterus during labor, with delivery	ICD-9-CM	Diagnosis
665.22	Inversion of uterus, delivered with postpartum complication	ICD-9-CM	Diagnosis
665.31	Laceration of cervix, with delivery	ICD-9-CM	Diagnosis
665.41	High vaginal laceration, with delivery	ICD-9-CM	Diagnosis
665.51	Other injury to pelvic organs, with delivery	ICD-9-CM	Diagnosis
665.61	Damage to pelvic joints and ligaments, with delivery	ICD-9-CM	Diagnosis
665.71	Pelvic hematoma, with delivery	ICD-9-CM	Diagnosis
665.72	Pelvic hematoma, delivered with postpartum complication	ICD-9-CM	Diagnosis
665.81	Other specified obstetrical trauma, with delivery	ICD-9-CM	Diagnosis
665.82	Other specified obstetrical trauma, delivered, with postpartum	ICD-9-CM	Diagnosis
665.91	Unspecified obstetrical trauma, with delivery	ICD-9-CM	Diagnosis
665.92	Unspecified obstetrical trauma, delivered, with postpartum complication	ICD-9-CM	Diagnosis
666.02	Third-stage postpartum hemorrhage, with delivery	ICD-9-CM	Diagnosis
666.12	Other immediate postpartum hemorrhage, with delivery	ICD-9-CM	Diagnosis
666.22	Delayed and secondary postpartum hemorrhage, with delivery	ICD-9-CM	Diagnosis
666.32	Postpartum coagulation defects, with delivery	ICD-9-CM	Diagnosis
667.02	Retained placenta without hemorrhage, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
667.12	Retained portions of placenta or membranes, without hemorrhage, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
668.01	Pulmonary complications of the administration of anesthesia or other sedation in labor and delivery, delivered	ICD-9-CM	Diagnosis

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Code	Description	Code Category	Code Type
668.02	Pulmonary complications of the administration of anesthesia or other sedation in labor and delivery, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
668.11	Cardiac complications of the administration of anesthesia or other sedation in labor and delivery, delivered	ICD-9-CM	Diagnosis
668.12	Cardiac complications of the administration of anesthesia or other sedation in labor and delivery, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
668.21	Central nervous system complications of the administration of anesthesia or other sedation in labor and delivery, delivered	ICD-9-CM	Diagnosis
668.22	Central nervous system complications of the administration of anesthesia or other sedation in labor and delivery, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
668.81	Other complications of the administration of anesthesia or other sedation in labor and delivery, delivered	ICD-9-CM	Diagnosis
668.82	Other complications of the administration of anesthesia or other sedation in labor and delivery, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
668.91	Unspecified complication of the administration of anesthesia or other sedation in labor and delivery, delivered	ICD-9-CM	Diagnosis
668.92	Unspecified complication of the administration of anesthesia or other sedation in labor and delivery, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
669.01	Maternal distress, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
669.02	Maternal distress, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
669.11	Shock during or following labor and delivery, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
669.12	Shock during or following labor and delivery, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
669.21	Maternal hypotension syndrome, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
669.22	Maternal hypotension syndrome, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
669.32	Acute kidney failure following labor and delivery, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
669.41	Other complications of obstetrical surgery and procedures, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
669.42	Other complications of obstetrical surgery and procedures, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
669.51	Forceps or vacuum extractor delivery without mention of indication, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
669.61	Breech extraction, without mention of indication, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
669.71	Cesarean delivery, without mention of indication, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis

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Code	Description	Code Category	Code Type
669.81	Other complication of labor and delivery, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
669.82	Other complication of labor and delivery, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
669.91	Unspecified complication of labor and delivery, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
669.92	Unspecified complication of labor and delivery, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
670.02	Major puerperal infection, unspecified, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
670.12	Puerperal endometritis, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
670.22	Puerperal sepsis, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
670.32	Puerperal septic thrombophlebitis, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
670.82	Other major puerperal infection, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
671.01	Varicose veins of legs, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
671.02	Varicose veins of legs, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
671.11	Varicose veins of vulva and perineum, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
671.12	Varicose veins of vulva and perineum, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
671.21	Superficial thrombophlebitis with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
671.22	Superficial thrombophlebitis with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
671.31	Deep phlebothrombosis, antepartum, with delivery	ICD-9-CM	Diagnosis
671.42	Deep phlebothrombosis, postpartum, with delivery	ICD-9-CM	Diagnosis
671.51	Other phlebitis and thrombosis with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
671.52	Other phlebitis and thrombosis with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
671.81	Other venous complication, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
671.82	Other venous complication, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
671.91	Unspecified venous complication, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
671.92	Unspecified venous complication, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
672.02	Puerperal pyrexia of unknown origin, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
673.01	Obstetrical air embolism, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis

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Code	Description	Code Category	Code Type
673.02	Obstetrical air embolism, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
673.11	Amniotic fluid embolism, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
673.12	Amniotic fluid embolism, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
673.21	Obstetrical blood-clot embolism, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
673.22	Obstetrical blood-clot embolism, with mention of postpartum complication	ICD-9-CM	Diagnosis
673.31	Obstetrical pyemic and septic embolism, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
673.32	Obstetrical pyemic and septic embolism, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
673.81	Other obstetrical pulmonary embolism, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
673.82	Other obstetrical pulmonary embolism, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
674.01	Cerebrovascular disorder, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
674.02	Cerebrovascular disorder, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
674.12	Disruption of cesarean wound, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
674.22	Disruption of perineal wound, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
674.32	Other complication of obstetrical surgical wounds, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
674.42	Placental polyp, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
674.51	Peripartum cardiomyopathy, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
674.52	Peripartum cardiomyopathy, delivered, with mention of postpartum condition	ICD-9-CM	Diagnosis
674.82	Other complication of puerperium, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
674.92	Unspecified complications of puerperium, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
675.01	Infection of nipple associated with childbirth, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
675.02	Infection of nipple associated with childbirth, delivered with mention of postpartum complication	ICD-9-CM	Diagnosis
675.11	Abscess of breast associated with childbirth, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
675.12	Abscess of breast associated with childbirth, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
675.21	Nonpurulent mastitis, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
675.22	Nonpurulent mastitis, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis

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Code	Description	Code Category	Code Type
675.81	Other specified infection of the breast and nipple associated with childbirth, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
675.82	Other specified infection of the breast and nipple associated with childbirth, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
675.91	Unspecified infection of the breast and nipple, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
675.92	Unspecified infection of the breast and nipple, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
676.01	Retracted nipple, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
676.02	Retracted nipple, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
676.11	Cracked nipple, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
676.12	Cracked nipple, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
676.21	Engorgement of breasts, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
676.22	Engorgement of breasts, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
676.31	Other and unspecified disorder of breast associated with childbirth, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
676.32	Other and unspecified disorder of breast associated with childbirth, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
676.41	Failure of lactation, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
676.42	Failure of lactation, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
676.51	Suppressed lactation, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
676.52	Suppressed lactation, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
676.61	Galactorrhea, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
676.62	Galactorrhea, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
676.81	Other disorder of lactation, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
676.82	Other disorder of lactation, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
676.91	Unspecified disorder of lactation, with delivery, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
72	Forceps, vacuum, and breech delivery	ICD-9-CM	Procedure
72.0	Other procedures inducing or assisting delivery	ICD-9-CM	Procedure
72.1	Low forceps operation	ICD-9-CM	Procedure
72.2	Low forceps operation with episiotomy	ICD-9-CM	Procedure
72.21	Mid forceps operation	ICD-9-CM	Procedure
72.29	High forceps operation	ICD-9-CM	Procedure
72.3	Forceps rotation of fetal head	ICD-9-CM	Procedure
72.31	Breech extraction	ICD-9-CM	Procedure
72.39	Forceps application to aftercoming head	ICD-9-CM	Procedure
72.4	Vacuum extraction	ICD-9-CM	Procedure

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Code	Description	Code Category	Code Type
72.5	Other specified instrumental delivery	ICD-9-CM	Procedure
72.51	Unspecified instrumental delivery	ICD-9-CM	Procedure
72.52	Artificial rupture of membranes	ICD-9-CM	Procedure
72.53	Other surgical induction of labor	ICD-9-CM	Procedure
72.54	Internal and combined version and extraction	ICD-9-CM	Procedure
72.6	Failed forceps	ICD-9-CM	Procedure
72.7	Medical induction of labor	ICD-9-CM	Procedure
72.71	Manually assisted delivery	ICD-9-CM	Procedure
72.79	Episiotomy	ICD-9-CM	Procedure
72.8	Operations on fetus to facilitate delivery	ICD-9-CM	Procedure
72.9	Other operations assisting delivery	ICD-9-CM	Procedure
73	Classical cesarean section	ICD-9-CM	Procedure
73.0	Low cervical cesarean section	ICD-9-CM	Procedure
73.01	Extraperitoneal cesarean section	ICD-9-CM	Procedure
73.09	Cesarean section of other specified type	ICD-9-CM	Procedure
73.1	Cesarean section of unspecified type	ICD-9-CM	Procedure
73.2	Mid forceps operation with episiotomy	ICD-9-CM	Procedure
73.21	Other mid forceps operation	ICD-9-CM	Procedure
73.22	High forceps operation with episiotomy	ICD-9-CM	Procedure
73.3	Other high forceps operation	ICD-9-CM	Procedure
73.4	Partial breech extraction with forceps to aftercoming head	ICD-9-CM	Procedure
73.5	Other partial breech extraction	ICD-9-CM	Procedure
73.51	Total breech extraction with forceps to aftercoming head	ICD-9-CM	Procedure
73.59	Other total breech extraction	ICD-9-CM	Procedure
73.6	Vacuum extraction with episiotomy	ICD-9-CM	Procedure
73.8	Other vacuum extraction	ICD-9-CM	Procedure
73.9	Induction of labor by artificial rupture of membranes	ICD-9-CM	Procedure
73.91	Other artificial rupture of membranes	ICD-9-CM	Procedure
73.92	Internal and combined version without extraction	ICD-9-CM	Procedure
73.93	Internal and combined version with extraction	ICD-9-CM	Procedure
73.94	Manual rotation of fetal head	ICD-9-CM	Procedure
73.99	Other manually assisted delivery	ICD-9-CM	Procedure
74.0	External version to assist delivery	ICD-9-CM	Procedure
74.1	Replacement of prolapsed umbilical cord	ICD-9-CM	Procedure
74.2	Incision of cervix to assist delivery	ICD-9-CM	Procedure
74.4	Pubiotomy to assist delivery	ICD-9-CM	Procedure
74.9	Other operations to assist delivery	ICD-9-CM	Procedure
74.99	Other cesarean section of unspecified type	ICD-9-CM	Procedure

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Code	Description	Code Category	Code Type
676.92	Unspecified disorder of lactation, with delivery, with mention of postpartum complication	ICD-9-CM	Diagnosis
678.01	Fetal hematologic conditions, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
678.11	Fetal conjoined twins, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
679.01	Maternal complications from in utero procedure, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
679.02	Maternal complications from in utero procedure, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
679.11	Fetal complications from in utero procedure, delivered, with or without mention of antepartum condition	ICD-9-CM	Diagnosis
679.12	Fetal complications from in utero procedure, delivered, with mention of postpartum complication	ICD-9-CM	Diagnosis
V27	Outcome of delivery	ICD-9-CM	Diagnosis
V27.0	Outcome of delivery, single liveborn	ICD-9-CM	Diagnosis
V27.1	Outcome of delivery, single stillborn	ICD-9-CM	Diagnosis
V27.2	Outcome of delivery, twins, both liveborn	ICD-9-CM	Diagnosis
V27.3	Outcome of delivery, twins, one liveborn and one stillborn	ICD-9-CM	Diagnosis
V27.4	Outcome of delivery, twins, both stillborn	ICD-9-CM	Diagnosis
V27.5	Outcome of delivery, other multiple birth, all liveborn	ICD-9-CM	Diagnosis
V27.6	Outcome of delivery, other multiple birth, some liveborn	ICD-9-CM	Diagnosis
V27.7	Outcome of delivery, other multiple birth, all stillborn	ICD-9-CM	Diagnosis
V27.9	Outcome of delivery, unspecified	ICD-9-CM	Diagnosis
V30	Single liveborn	ICD-9-CM	Diagnosis
V30.0	Single liveborn, born in hospital	ICD-9-CM	Diagnosis
V30.00	Single liveborn, born in hospital, delivered without mention of cesarean delivery	ICD-9-CM	Diagnosis
V30.01	Single liveborn, born in hospital, delivered by cesarean delivery	ICD-9-CM	Diagnosis
V30.1	Single liveborn, born before admission to hospital	ICD-9-CM	Diagnosis
V30.2	Single liveborn, born outside hospital and not hospitalized	ICD-9-CM	Diagnosis
V31	Twin birth, mate liveborn	ICD-9-CM	Diagnosis
V31.0	Twin, mate liveborn, born in hospital	ICD-9-CM	Diagnosis
V31.00	Twin, mate liveborn, born in hospital, delivered without mention of cesarean delivery	ICD-9-CM	Diagnosis
V31.01	Twin, mate liveborn, born in hospital, delivered by cesarean delivery	ICD-9-CM	Diagnosis
V31.1	Twin birth, mate liveborn, born before admission to hospital	ICD-9-CM	Diagnosis
V31.2	Twin birth, mate liveborn, born outside hospital and not hospitalized	ICD-9-CM	Diagnosis
V32	Twin birth, mate stillborn	ICD-9-CM	Diagnosis
V32.0	Twin, mate stillborn, born in hospital	ICD-9-CM	Diagnosis
V32.00	Twin, mate stillborn, born in hospital, delivered without mention of cesarean delivery	ICD-9-CM	Diagnosis
V32.01	Twin, mate stillborn, born in hospital, delivered by cesarean delivery	ICD-9-CM	Diagnosis

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

Appendix C. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), and Current Procedural Terminology, Fourth Edition (CPT-4) Diagnosis and Procedure Codes Used to Define Live-Birth Deliveries

Code	Description	Code Category	Code Type
V36.2	Other multiple birth (three or more), mates liveborn and stillborn, born outside hospital and not hospitalized	ICD-9-CM	Diagnosis
V37	Other multiple birth (three or more), unspecified whether mates liveborn or stillborn	ICD-9-CM	Diagnosis
V37.0	Other multiple, unspecified whether mates stillborn or liveborn, born in hospital	ICD-9-CM	Diagnosis
V37.00	Other multiple, unspecified whether mates stillborn or liveborn, born in hospital, delivered without mention of cesarean delivery	ICD-9-CM	Diagnosis
V37.01	Other multiple, unspecified whether mates stillborn or liveborn, born in hospital, delivered by cesarean delivery	ICD-9-CM	Diagnosis
V37.1	Other multiple birth (three or more), unspecified whether mates liveborn or stillborn, born before admission to hospital	ICD-9-CM	Diagnosis
V37.2	Other multiple birth (three or more), unspecified whether mates liveborn or stillborn, born outside of hospital	ICD-9-CM	Diagnosis
V39	Liveborn, unspecified whether single, twin, or multiple	ICD-9-CM	Diagnosis
V39.0	Other liveborn, unspecified whether single, twin, or multiple, born in hospital	ICD-9-CM	Diagnosis
V39.00	Liveborn infant, unspecified whether single, twin, or multiple, born in hospital, delivered without mention of cesarean delivery	ICD-9-CM	Diagnosis
V39.01	Liveborn infant, unspecified whether single, twin, or multiple, born in hospital, delivered by cesarean	ICD-9-CM	Diagnosis
V39.1	Liveborn, unspecified whether single, twin or multiple, born before admission to hospital	ICD-9-CM	Diagnosis
V39.2	Liveborn, unspecified whether single, twin or multiple, born outside hospital and not hospitalized	ICD-9-CM	Diagnosis

Appendix D. List of Generic and Brand Drug Names Used to Define Medical Product Exposures in this Request

Generic Name	Brand Name
Injectable Hydroxyprogesterone Caproate	
hydroxyprogesterone caproate	Makena
hydroxyprogesterone caproate/PF	Makena
hydroxyprogesterone caproate/PF	Makena (PF)
hydroxyprogesterone caproate/PF	hydroxyprogest(PF)(preg presv)
hydroxyprogesterone caproate	hydroxyprogesterone caproate (ppres)
hydroxyprogesterone caproate	hydroxyprogesterone caproate
Bulk Powder Hydroxyprogesterone Caproate	
hydroxyprogesterone caproate	hydroxyprogesterone caproate (bulk)
Injectable Progesterone	
progesterone	progesterone
progesterone	Progesterone in Oil
Oral Progesterone	
progesterone, micronized	progesterone micronized
progesterone, micronized	Prometrium
Vaginal Progesterone	
progesterone, micronized	Crinone
progesterone, micronized	Endometrin
progesterone	FIRST-Progesterone VGS 100
progesterone	FIRST-Progesterone VGS 200
progesterone	FIRST-Progesterone VGS 25
progesterone	First-Progesterone VGS 400
progesterone	FIRST-Progesterone VGS 50
progesterone, micronized	Prochieve
Bulk Powder Progesterone	
progesterone	progesterone (bulk)
progesterone, micronized	progesterone micronized (bulk)
Any Progesterone	
progesterone	progesterone
progesterone	Progesterone in Oil
progesterone, micronized	progesterone micronized
progesterone, micronized	Prometrium
progesterone, micronized	Crinone
progesterone, micronized	Endometrin
progesterone	FIRST-Progesterone VGS 100
progesterone	FIRST-Progesterone VGS 200
progesterone	FIRST-Progesterone VGS 25
progesterone	First-Progesterone VGS 400
progesterone	FIRST-Progesterone VGS 50
progesterone, micronized	Prochieve
progesterone	progesterone (bulk)
progesterone, micronized	progesterone micronized (bulk)

Appendix D. List of Generic and Brand Drug Names Used to Define Medical Product Exposures in this Request

Generic Name	Brand Name
Any Hydroxyprogesterone Caproate or Progesterone	
hydroxyprogesterone caproate	Makena
hydroxyprogesterone caproate/PF	Makena
hydroxyprogesterone caproate/PF	Makena (PF)
hydroxyprogesterone caproate/PF	hydroxyprogest(PF)(preg presv)
hydroxyprogesterone caproate	hydroxyprogesterone caproate (ppres)
hydroxyprogesterone caproate	hydroxyprogesterone caproate
hydroxyprogesterone caproate	hydroxyprogesterone caproate (bulk)
progesterone	progesterone
progesterone	Progesterone in Oil
progesterone, micronized	progesterone micronized
progesterone, micronized	Prometrium
progesterone, micronized	Crinone
progesterone, micronized	Endometrin
progesterone	FIRST-Progesterone VGS 100
progesterone	FIRST-Progesterone VGS 200
progesterone	FIRST-Progesterone VGS 25
progesterone	First-Progesterone VGS 400
progesterone	FIRST-Progesterone VGS 50
progesterone, micronized	Prochieve
progesterone	progesterone (bulk)
progesterone, micronized	progesterone micronized (bulk)

Appendix E. List of Healthcare Common Procedure Coding System (HCPCS) Procedure Codes used to Define Medical Product Exposures in this Request

Code	Description	Code Type	Code Category
Injectable Hydroxyprogesterone Caproate			
J1725	Injection, hydroxyprogesterone caproate, 1 mg	Procedure	HCPCS
J1726	Injection, hydroxyprogesterone caproate, (Makena), 10 mg	Procedure	HCPCS
J1729	Injection, hydroxyprogesterone caproate, not otherwise specified, 10 mg	Procedure	HCPCS
J1739	Injection, hydroxyprogesterone caproate 125 mg/ml	Procedure	HCPCS
Q9985	Injection, hydroxyprogesterone caproate, not otherwise specified, 10 mg	Procedure	HCPCS
Q9986	Injection, hydroxyprogesterone caproate (Makena), 10 mg	Procedure	HCPCS
Injectable Progesterone			
J2675	Injection, progesterone, per 50 mg	Procedure	HCPCS

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Broadly Define Related Conditions of Interest

Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
History of Preterm Labor or Delivery					
V13.21	Personal history of pre-term labor	Diagnosis	ICD-9-CM	(enrollment history, -1)	Any
Z87.51	Personal history of pre-term labor	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
V23.41	Supervision of pregnancy with history of pre-term labor	Diagnosis	ICD-9-CM	(enrollment history, -1)	Any
O09.211	Supervision of pregnancy with history of pre-term labor, first trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O09.212	Supervision of pregnancy with history of pre-term labor, second trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O09.213	Supervision of pregnancy with history of pre-term labor, third trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O09.219	Supervision of pregnancy with history of pre-term labor, unspecified trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X0	Preterm labor second trimester with preterm delivery second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.12X1	Preterm labor second trimester with preterm delivery second trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.12X2	Preterm labor second trimester with preterm delivery second trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.12X3	Preterm labor second trimester with preterm delivery second trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.12X4	Preterm labor second trimester with preterm delivery second trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.12X5	Preterm labor second trimester with preterm delivery second trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.12X9	Preterm labor second trimester with preterm delivery second trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.13X0	Preterm labor second trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.13X1	Preterm labor second trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.13X2	Preterm labor second trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.13X3	Preterm labor second trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.13X4	Preterm labor second trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.13X5	Preterm labor second trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.13X9	Preterm labor second trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.14X0	Preterm labor third trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.14X1	Preterm labor third trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.14X2	Preterm labor third trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.14X3	Preterm labor third trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.14X4	Preterm labor third trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Broadly Define Related Conditions of Interest

Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
O60.14X5	Preterm labor third trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.14X9	Preterm labor third trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.00	Extremely low birth weight newborn, unspecified weight	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.01	Extremely low birth weight newborn, less than 500 grams	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.02	Extremely low birth weight newborn, 500-749 grams	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.03	Extremely low birth weight newborn, 750-999 grams	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.10	Other low birth weight newborn, unspecified weight	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.14	Other low birth weight newborn, 1000-1249 grams	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.15	Other low birth weight newborn, 1250-1499 grams	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.16	Other low birth weight newborn, 1500-1749 grams	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.17	Other low birth weight newborn, 1750-1999 grams	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.18	Other low birth weight newborn, 2000-2499 grams	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.20	Extreme immaturity of newborn, unspecified weeks of gestation	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.21	Extreme immaturity of newborn, gestational age less than 23 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.22	Extreme immaturity of newborn, gestational age 23 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.23	Extreme immaturity of newborn, gestational age 24 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.24	Extreme immaturity of newborn, gestational age 25 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.25	Extreme immaturity of newborn, gestational age 26 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.26	Extreme immaturity of newborn, gestational age 27 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.30	Preterm newborn, unspecified weeks of gestation	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.31	Preterm newborn, gestational age 28 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.32	Preterm newborn, gestational age 29 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.33	Preterm newborn, gestational age 30 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.34	Preterm newborn, gestational age 31 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.35	Preterm newborn, gestational age 32 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.36	Preterm newborn, gestational age 33 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.37	Preterm newborn, gestational age 34 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.38	Preterm newborn, gestational age 35 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.39	Preterm newborn, gestational age 36 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
644.21	Early onset of delivery, delivered, with or without mention of antepartum condition	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Broadly Define Related Conditions of Interest

Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
765.00	Extreme fetal immaturity, unspecified (weight)	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.01	Extreme fetal immaturity, less than 500 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.02	Extreme fetal immaturity, 500-749 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.03	Extreme fetal immaturity, 750-999 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.04	Extreme fetal immaturity, 1,000-1,249 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.05	Extreme fetal immaturity, 1,250-1,499 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.06	Extreme fetal immaturity, 1,500-1,749 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.07	Extreme fetal immaturity, 1,750-1,999 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.08	Extreme fetal immaturity, 2,000-2,499 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.09	Extreme fetal immaturity, 2,500 or more grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.10	Other preterm infants, unspecified (weight)	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.11	Other preterm infants, less than 500 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.12	Other preterm infants, 500-749 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.13	Other preterm infants, 750-999 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.14	Other preterm infants, 1,000-1,249 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.15	Other preterm infants, 1,250-1,499 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.16	Other preterm infants, 1,500-1,749 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.17	Other preterm infants, 1,750-1,999 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.18	Other preterm infants, 2,000-2,499 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.19	Other preterm infants, 2,500 or more grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.20	Unspecified weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.21	Less than 24 completed weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.22	24 completed weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.23	25-26 completed weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.24	27-28 completed weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.25	29-30 completed weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.26	31-32 completed weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.27	33-34 completed weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.28	35-36 completed weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
O60.10X1	Preterm labor with preterm delivery, unspecified trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Broadly Define Related Conditions of Interest

Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
O60.10X2	Preterm labor with preterm delivery, unspecified trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X3	Preterm labor with preterm delivery, unspecified trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X4	Preterm labor with preterm delivery, unspecified trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X5	Preterm labor with preterm delivery, unspecified trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X0	Preterm labor with preterm delivery, unspecified trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X9	Preterm labor with preterm delivery, unspecified trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
644.20	Early onset of delivery, unspecified as to episode of care	Diagnosis	ICD-9-CM	(enrollment history, -1)	Any
644	Early or threatened labor	Diagnosis	ICD-9-CM	(enrollment history, -1)	Any
644.0	Threatened premature labor	Diagnosis	ICD-9-CM	(enrollment history, -1)	Any
644.00	Threatened premature labor, unspecified as to episode of care	Diagnosis	ICD-9-CM	(enrollment history, -1)	Any
644.03	Threatened premature labor, antepartum	Diagnosis	ICD-9-CM	(enrollment history, -1)	Any
644.2	Early onset of delivery	Diagnosis	ICD-9-CM	(enrollment history, -1)	Any
644.20	Early onset of delivery, unspecified as to episode of care	Diagnosis	ICD-9-CM	(enrollment history, -1)	Any
644.21	Early onset of delivery, delivered, with or without mention of antepartum condition	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
646.3	Pregnancy complication, recurrent pregnancy loss	Diagnosis	ICD-9-CM	(enrollment history, -1)	Any
646.30	Pregnancy complication, recurrent pregnancy loss, unspecified as to episode of care	Diagnosis	ICD-9-CM	(enrollment history, -1)	Any
646.31	Pregnancy complication, recurrent pregnancy loss, with or without mention of antepartum condition	Diagnosis	ICD-9-CM	(enrollment history, -1)	Any
646.33	Pregnancy complication, recurrent pregnancy loss, antepartum condition or complication	Diagnosis	ICD-9-CM	(enrollment history, -1)	Any
O60	Preterm labor	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.0	Preterm labor without delivery	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.00	Preterm labor without delivery, unspecified trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.02	Preterm labor without delivery, second trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.03	Preterm labor without delivery, third trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.1	Preterm labor with preterm delivery	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10	Preterm labor with preterm delivery, unspecified trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X0	Preterm labor with preterm delivery, unspecified trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X1	Preterm labor with preterm delivery, unspecified trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X2	Preterm labor with preterm delivery, unspecified trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Broadly Define Related Conditions of Interest

Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
O60.10X3	Preterm labor with preterm delivery, unspecified trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X4	Preterm labor with preterm delivery, unspecified trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X5	Preterm labor with preterm delivery, unspecified trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X9	Preterm labor with preterm delivery, unspecified trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12	Preterm labor second trimester with preterm delivery second trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X0	Preterm labor second trimester with preterm delivery second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X1	Preterm labor second trimester with preterm delivery second trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X2	Preterm labor second trimester with preterm delivery second trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X3	Preterm labor second trimester with preterm delivery second trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X4	Preterm labor second trimester with preterm delivery second trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X5	Preterm labor second trimester with preterm delivery second trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X9	Preterm labor second trimester with preterm delivery second trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13	Preterm labor second trimester with preterm delivery third trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13X0	Preterm labor second trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13X1	Preterm labor second trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13X2	Preterm labor second trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13X3	Preterm labor second trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13X4	Preterm labor second trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13X5	Preterm labor second trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13X9	Preterm labor second trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14	Preterm labor third trimester with preterm delivery third trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14X0	Preterm labor third trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14X1	Preterm labor third trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14X2	Preterm labor third trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14X3	Preterm labor third trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14X4	Preterm labor third trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14X5	Preterm labor third trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Broadly Define Related Conditions of Interest

Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
O60.14X9	Preterm labor third trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.2	Term delivery with preterm labor	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.20	Term delivery with preterm labor, unspecified trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.20X0	Term delivery with preterm labor, unspecified trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.20X1	Term delivery with preterm labor, unspecified trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.20X2	Term delivery with preterm labor, unspecified trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.20X3	Term delivery with preterm labor, unspecified trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.20X4	Term delivery with preterm labor, unspecified trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.20X5	Term delivery with preterm labor, unspecified trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.20X9	Term delivery with preterm labor, unspecified trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.22	Term delivery with preterm labor, second trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.22X0	Term delivery with preterm labor, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.22X1	Term delivery with preterm labor, second trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.22X2	Term delivery with preterm labor, second trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.22X3	Term delivery with preterm labor, second trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.22X4	Term delivery with preterm labor, second trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.22X5	Term delivery with preterm labor, second trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.22X9	Term delivery with preterm labor, second trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.23	Term delivery with preterm labor, third trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.23X0	Term delivery with preterm labor, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.23X1	Term delivery with preterm labor, third trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.23X2	Term delivery with preterm labor, third trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.23X3	Term delivery with preterm labor, third trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.23X4	Term delivery with preterm labor, third trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.23X5	Term delivery with preterm labor, third trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.23X9	Term delivery with preterm labor, third trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
Recorded Personal History of Preterm Labor during the Pregnancy of Interest					
V13.21	Personal history of pre-term labor	Diagnosis	ICD-9-CM	(1, 301)	Any
Z87.51	Personal history of pre-term labor	Diagnosis	ICD-10-CM	(1, 301)	Any
V23.41	Supervision of pregnancy with history of pre-term labor	Diagnosis	ICD-9-CM	(1, 301)	Any

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Code	Description	Code Type	Code		Care Setting
			Category	Evaluation Window	
O09.211	Supervision of pregnancy with history of pre-term labor, first trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
O09.212	Supervision of pregnancy with history of pre-term labor, second trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
O09.213	Supervision of pregnancy with history of pre-term labor, third trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
O09.219	Supervision of pregnancy with history of pre-term labor, unspecified trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
History of Preterm Labor or Delivery OR Recorded Personal History of Preterm Labor during the Pregnancy of Interest					
V13.21	Personal history of pre-term labor	Diagnosis	ICD-9-CM	(enrollment history, -1)	Any
Z87.51	Personal history of pre-term labor	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
V23.41	Supervision of pregnancy with history of pre-term labor	Diagnosis	ICD-9-CM	(enrollment history, -1)	Any
O09.211	Supervision of pregnancy with history of pre-term labor, first trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O09.212	Supervision of pregnancy with history of pre-term labor, second trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O09.213	Supervision of pregnancy with history of pre-term labor, third trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O09.219	Supervision of pregnancy with history of pre-term labor, unspecified trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X0	Preterm labor second trimester with preterm delivery second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.12X1	Preterm labor second trimester with preterm delivery second trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.12X2	Preterm labor second trimester with preterm delivery second trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.12X3	Preterm labor second trimester with preterm delivery second trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.12X4	Preterm labor second trimester with preterm delivery second trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.12X5	Preterm labor second trimester with preterm delivery second trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.12X9	Preterm labor second trimester with preterm delivery second trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.13X0	Preterm labor second trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.13X1	Preterm labor second trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.13X2	Preterm labor second trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.13X3	Preterm labor second trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.13X4	Preterm labor second trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.13X5	Preterm labor second trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.13X9	Preterm labor second trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.14X0	Preterm labor third trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Broadly Define Related Conditions of Interest

Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
O60.14X1	Preterm labor third trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.14X2	Preterm labor third trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.14X3	Preterm labor third trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.14X4	Preterm labor third trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.14X5	Preterm labor third trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.14X9	Preterm labor third trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.00	Extremely low birth weight newborn, unspecified weight	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.01	Extremely low birth weight newborn, less than 500 grams	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.02	Extremely low birth weight newborn, 500-749 grams	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.03	Extremely low birth weight newborn, 750-999 grams	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.10	Other low birth weight newborn, unspecified weight	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.14	Other low birth weight newborn, 1000-1249 grams	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.15	Other low birth weight newborn, 1250-1499 grams	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.16	Other low birth weight newborn, 1500-1749 grams	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.17	Other low birth weight newborn, 1750-1999 grams	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.18	Other low birth weight newborn, 2000-2499 grams	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.20	Extreme immaturity of newborn, unspecified weeks of gestation	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.21	Extreme immaturity of newborn, gestational age less than 23 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.22	Extreme immaturity of newborn, gestational age 23 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.23	Extreme immaturity of newborn, gestational age 24 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.24	Extreme immaturity of newborn, gestational age 25 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.25	Extreme immaturity of newborn, gestational age 26 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.26	Extreme immaturity of newborn, gestational age 27 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.30	Preterm newborn, unspecified weeks of gestation	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.31	Preterm newborn, gestational age 28 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.32	Preterm newborn, gestational age 29 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.33	Preterm newborn, gestational age 30 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.34	Preterm newborn, gestational age 31 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.35	Preterm newborn, gestational age 32 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.36	Preterm newborn, gestational age 33 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient

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Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
P07.37	Preterm newborn, gestational age 34 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.38	Preterm newborn, gestational age 35 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.39	Preterm newborn, gestational age 36 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
644.21	Early onset of delivery, delivered, with or without mention of antepartum condition	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.00	Extreme fetal immaturity, unspecified (weight)	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.01	Extreme fetal immaturity, less than 500 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.02	Extreme fetal immaturity, 500-749 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.03	Extreme fetal immaturity, 750-999 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.04	Extreme fetal immaturity, 1,000-1,249 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.05	Extreme fetal immaturity, 1,250-1,499 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.06	Extreme fetal immaturity, 1,500-1,749 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.07	Extreme fetal immaturity, 1,750-1,999 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.08	Extreme fetal immaturity, 2,000-2,499 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.09	Extreme fetal immaturity, 2,500 or more grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.10	Other preterm infants, unspecified (weight)	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.11	Other preterm infants, less than 500 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.12	Other preterm infants, 500-749 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.13	Other preterm infants, 750-999 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.14	Other preterm infants, 1,000-1,249 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.15	Other preterm infants, 1,250-1,499 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.16	Other preterm infants, 1,500-1,749 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.17	Other preterm infants, 1,750-1,999 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.18	Other preterm infants, 2,000-2,499 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.19	Other preterm infants, 2,500 or more grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.20	Unspecified weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.21	Less than 24 completed weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.22	24 completed weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.23	25-26 completed weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.24	27-28 completed weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.25	29-30 completed weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient

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Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
765.26	31-32 completed weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.27	33-34 completed weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.28	35-36 completed weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
O60.10X1	Preterm labor with preterm delivery, unspecified trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X2	Preterm labor with preterm delivery, unspecified trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X3	Preterm labor with preterm delivery, unspecified trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X4	Preterm labor with preterm delivery, unspecified trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X5	Preterm labor with preterm delivery, unspecified trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X0	Preterm labor with preterm delivery, unspecified trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X9	Preterm labor with preterm delivery, unspecified trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
644.20	Early onset of delivery, unspecified as to episode of care	Diagnosis	ICD-9-CM	(enrollment history, -1)	Any
644	Early or threatened labor	Diagnosis	ICD-9-CM	(enrollment history, -1)	Any
644.0	Threatened premature labor	Diagnosis	ICD-9-CM	(enrollment history, -1)	Any
644.00	Threatened premature labor, unspecified as to episode of care	Diagnosis	ICD-9-CM	(enrollment history, -1)	Any
644.03	Threatened premature labor, antepartum	Diagnosis	ICD-9-CM	(enrollment history, -1)	Any
644.2	Early onset of delivery	Diagnosis	ICD-9-CM	(enrollment history, -1)	Any
644.20	Early onset of delivery, unspecified as to episode of care	Diagnosis	ICD-9-CM	(enrollment history, -1)	Any
644.21	Early onset of delivery, delivered, with or without mention of antepartum condition	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
646.3	Pregnancy complication, recurrent pregnancy loss	Diagnosis	ICD-9-CM	(enrollment history, -1)	Any
646.30	Pregnancy complication, recurrent pregnancy loss, unspecified as to episode of care	Diagnosis	ICD-9-CM	(enrollment history, -1)	Any
646.31	Pregnancy complication, recurrent pregnancy loss, with or without mention of antepartum condition	Diagnosis	ICD-9-CM	(enrollment history, -1)	Any
646.33	Pregnancy complication, recurrent pregnancy loss, antepartum condition or complication	Diagnosis	ICD-9-CM	(enrollment history, -1)	Any
O60	Preterm labor	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.0	Preterm labor without delivery	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.00	Preterm labor without delivery, unspecified trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.02	Preterm labor without delivery, second trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.03	Preterm labor without delivery, third trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.1	Preterm labor with preterm delivery	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10	Preterm labor with preterm delivery, unspecified trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any

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Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
O60.10X0	Preterm labor with preterm delivery, unspecified trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X1	Preterm labor with preterm delivery, unspecified trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X2	Preterm labor with preterm delivery, unspecified trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X3	Preterm labor with preterm delivery, unspecified trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X4	Preterm labor with preterm delivery, unspecified trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X5	Preterm labor with preterm delivery, unspecified trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X9	Preterm labor with preterm delivery, unspecified trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12	Preterm labor second trimester with preterm delivery second trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X0	Preterm labor second trimester with preterm delivery second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X1	Preterm labor second trimester with preterm delivery second trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X2	Preterm labor second trimester with preterm delivery second trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X3	Preterm labor second trimester with preterm delivery second trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X4	Preterm labor second trimester with preterm delivery second trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X5	Preterm labor second trimester with preterm delivery second trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X9	Preterm labor second trimester with preterm delivery second trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13	Preterm labor second trimester with preterm delivery third trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13X0	Preterm labor second trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13X1	Preterm labor second trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13X2	Preterm labor second trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13X3	Preterm labor second trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13X4	Preterm labor second trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13X5	Preterm labor second trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13X9	Preterm labor second trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14	Preterm labor third trimester with preterm delivery third trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14X0	Preterm labor third trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14X1	Preterm labor third trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any

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Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
O60.14X2	Preterm labor third trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14X3	Preterm labor third trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14X4	Preterm labor third trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14X5	Preterm labor third trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14X9	Preterm labor third trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.2	Term delivery with preterm labor	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.20	Term delivery with preterm labor, unspecified trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.20X0	Term delivery with preterm labor, unspecified trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.20X1	Term delivery with preterm labor, unspecified trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.20X2	Term delivery with preterm labor, unspecified trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.20X3	Term delivery with preterm labor, unspecified trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.20X4	Term delivery with preterm labor, unspecified trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.20X5	Term delivery with preterm labor, unspecified trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.20X9	Term delivery with preterm labor, unspecified trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.22	Term delivery with preterm labor, second trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.22X0	Term delivery with preterm labor, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.22X1	Term delivery with preterm labor, second trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.22X2	Term delivery with preterm labor, second trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.22X3	Term delivery with preterm labor, second trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.22X4	Term delivery with preterm labor, second trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.22X5	Term delivery with preterm labor, second trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.22X9	Term delivery with preterm labor, second trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.23	Term delivery with preterm labor, third trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.23X0	Term delivery with preterm labor, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.23X1	Term delivery with preterm labor, third trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.23X2	Term delivery with preterm labor, third trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.23X3	Term delivery with preterm labor, third trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.23X4	Term delivery with preterm labor, third trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.23X5	Term delivery with preterm labor, third trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.23X9	Term delivery with preterm labor, third trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Broadly Define Related Conditions of Interest

Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
V13.21	Personal history of pre-term labor	Diagnosis	ICD-9-CM	(1, 301)	Any
Z87.51	Personal history of pre-term labor	Diagnosis	ICD-10-CM	(1, 301)	Any
V23.41	Supervision of pregnancy with history of pre-term labor	Diagnosis	ICD-9-CM	(1, 301)	Any
O09.211	Supervision of pregnancy with history of pre-term labor, first trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
O09.212	Supervision of pregnancy with history of pre-term labor, second trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
O09.213	Supervision of pregnancy with history of pre-term labor, third trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
O09.219	Supervision of pregnancy with history of pre-term labor, unspecified trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
Preterm Labor or Delivery during the Pregnancy of Interest					
O60.12X0	Preterm labor second trimester with preterm delivery second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
O60.12X1	Preterm labor second trimester with preterm delivery second trimester, fetus 1	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
O60.12X2	Preterm labor second trimester with preterm delivery second trimester, fetus 2	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
O60.12X3	Preterm labor second trimester with preterm delivery second trimester, fetus 3	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
O60.12X4	Preterm labor second trimester with preterm delivery second trimester, fetus 4	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
O60.12X5	Preterm labor second trimester with preterm delivery second trimester, fetus 5	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
O60.12X9	Preterm labor second trimester with preterm delivery second trimester, other fetus	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
O60.13X0	Preterm labor second trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
O60.13X1	Preterm labor second trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
O60.13X2	Preterm labor second trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
O60.13X3	Preterm labor second trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
O60.13X4	Preterm labor second trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
O60.13X5	Preterm labor second trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
O60.13X9	Preterm labor second trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
O60.14X0	Preterm labor third trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
O60.14X1	Preterm labor third trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
O60.14X2	Preterm labor third trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
O60.14X3	Preterm labor third trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
O60.14X4	Preterm labor third trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM	(1, 301)	Inpatient

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Broadly Define Related Conditions of Interest

Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
O60.14X5	Preterm labor third trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
O60.14X9	Preterm labor third trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.00	Extremely low birth weight newborn, unspecified weight	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.01	Extremely low birth weight newborn, less than 500 grams	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.02	Extremely low birth weight newborn, 500-749 grams	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.03	Extremely low birth weight newborn, 750-999 grams	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.10	Other low birth weight newborn, unspecified weight	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.14	Other low birth weight newborn, 1000-1249 grams	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.15	Other low birth weight newborn, 1250-1499 grams	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.16	Other low birth weight newborn, 1500-1749 grams	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.17	Other low birth weight newborn, 1750-1999 grams	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.18	Other low birth weight newborn, 2000-2499 grams	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.20	Extreme immaturity of newborn, unspecified weeks of gestation	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.21	Extreme immaturity of newborn, gestational age less than 23 completed weeks	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.22	Extreme immaturity of newborn, gestational age 23 completed weeks	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.23	Extreme immaturity of newborn, gestational age 24 completed weeks	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.24	Extreme immaturity of newborn, gestational age 25 completed weeks	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.25	Extreme immaturity of newborn, gestational age 26 completed weeks	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.26	Extreme immaturity of newborn, gestational age 27 completed weeks	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.30	Preterm newborn, unspecified weeks of gestation	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.31	Preterm newborn, gestational age 28 completed weeks	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.32	Preterm newborn, gestational age 29 completed weeks	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.33	Preterm newborn, gestational age 30 completed weeks	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.34	Preterm newborn, gestational age 31 completed weeks	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.35	Preterm newborn, gestational age 32 completed weeks	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.36	Preterm newborn, gestational age 33 completed weeks	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.37	Preterm newborn, gestational age 34 completed weeks	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.38	Preterm newborn, gestational age 35 completed weeks	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.39	Preterm newborn, gestational age 36 completed weeks	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
644.21	Early onset of delivery, delivered, with or without mention of antepartum condition	Diagnosis	ICD-9-CM	(1, 301)	Inpatient

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Broadly Define Related Conditions of Interest

Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
765.00	Extreme fetal immaturity, unspecified (weight)	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.01	Extreme fetal immaturity, less than 500 grams	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.02	Extreme fetal immaturity, 500-749 grams	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.03	Extreme fetal immaturity, 750-999 grams	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.04	Extreme fetal immaturity, 1,000-1,249 grams	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.05	Extreme fetal immaturity, 1,250-1,499 grams	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.06	Extreme fetal immaturity, 1,500-1,749 grams	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.07	Extreme fetal immaturity, 1,750-1,999 grams	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.08	Extreme fetal immaturity, 2,000-2,499 grams	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.09	Extreme fetal immaturity, 2,500 or more grams	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.10	Other preterm infants, unspecified (weight)	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.11	Other preterm infants, less than 500 grams	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.12	Other preterm infants, 500-749 grams	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.13	Other preterm infants, 750-999 grams	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.14	Other preterm infants, 1,000-1,249 grams	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.15	Other preterm infants, 1,250-1,499 grams	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.16	Other preterm infants, 1,500-1,749 grams	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.17	Other preterm infants, 1,750-1,999 grams	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.18	Other preterm infants, 2,000-2,499 grams	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.19	Other preterm infants, 2,500 or more grams	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.20	Unspecified weeks of gestation	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.21	Less than 24 completed weeks of gestation	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.22	24 completed weeks of gestation	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.23	25-26 completed weeks of gestation	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.24	27-28 completed weeks of gestation	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.25	29-30 completed weeks of gestation	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.26	31-32 completed weeks of gestation	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.27	33-34 completed weeks of gestation	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.28	35-36 completed weeks of gestation	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
O60.10X1	Preterm labor with preterm delivery, unspecified trimester, fetus 1	Diagnosis	ICD-10-CM	(1, 301)	Any

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Broadly Define Related Conditions of Interest

Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
O60.10X2	Preterm labor with preterm delivery, unspecified trimester, fetus 2	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X3	Preterm labor with preterm delivery, unspecified trimester, fetus 3	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X4	Preterm labor with preterm delivery, unspecified trimester, fetus 4	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X5	Preterm labor with preterm delivery, unspecified trimester, fetus 5	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X0	Preterm labor with preterm delivery, unspecified trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X9	Preterm labor with preterm delivery, unspecified trimester, other fetus	Diagnosis	ICD-10-CM	(1, 301)	Any
644.20	Early onset of delivery, unspecified as to episode of care	Diagnosis	ICD-9-CM	(1, 301)	Any
644	Early or threatened labor	Diagnosis	ICD-9-CM	(1, 301)	Any
644.0	Threatened premature labor	Diagnosis	ICD-9-CM	(1, 301)	Any
644.00	Threatened premature labor, unspecified as to episode of care	Diagnosis	ICD-9-CM	(1, 301)	Any
644.03	Threatened premature labor, antepartum	Diagnosis	ICD-9-CM	(1, 301)	Any
644.2	Early onset of delivery	Diagnosis	ICD-9-CM	(1, 301)	Any
644.20	Early onset of delivery, unspecified as to episode of care	Diagnosis	ICD-9-CM	(1, 301)	Any
644.21	Early onset of delivery, delivered, with or without mention of antepartum condition	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
646.3	Pregnancy complication, recurrent pregnancy loss	Diagnosis	ICD-9-CM	(1, 301)	Any
646.30	Pregnancy complication, recurrent pregnancy loss, unspecified as to episode of care	Diagnosis	ICD-9-CM	(1, 301)	Any
646.31	Pregnancy complication, recurrent pregnancy loss, with or without mention of antepartum condition	Diagnosis	ICD-9-CM	(1, 301)	Any
646.33	Pregnancy complication, recurrent pregnancy loss, antepartum condition or complication	Diagnosis	ICD-9-CM	(1, 301)	Any
O60	Preterm labor	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.0	Preterm labor without delivery	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.00	Preterm labor without delivery, unspecified trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.02	Preterm labor without delivery, second trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.03	Preterm labor without delivery, third trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.1	Preterm labor with preterm delivery	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10	Preterm labor with preterm delivery, unspecified trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X0	Preterm labor with preterm delivery, unspecified trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X1	Preterm labor with preterm delivery, unspecified trimester, fetus 1	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X2	Preterm labor with preterm delivery, unspecified trimester, fetus 2	Diagnosis	ICD-10-CM	(1, 301)	Any

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Broadly Define Related Conditions of Interest

Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
O60.10X3	Preterm labor with preterm delivery, unspecified trimester, fetus 3	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X4	Preterm labor with preterm delivery, unspecified trimester, fetus 4	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X5	Preterm labor with preterm delivery, unspecified trimester, fetus 5	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X9	Preterm labor with preterm delivery, unspecified trimester, other fetus	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.12	Preterm labor second trimester with preterm delivery second trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.12X0	Preterm labor second trimester with preterm delivery second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.12X1	Preterm labor second trimester with preterm delivery second trimester, fetus 1	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.12X2	Preterm labor second trimester with preterm delivery second trimester, fetus 2	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.12X3	Preterm labor second trimester with preterm delivery second trimester, fetus 3	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.12X4	Preterm labor second trimester with preterm delivery second trimester, fetus 4	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.12X5	Preterm labor second trimester with preterm delivery second trimester, fetus 5	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.12X9	Preterm labor second trimester with preterm delivery second trimester, other fetus	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13	Preterm labor second trimester with preterm delivery third trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13X0	Preterm labor second trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13X1	Preterm labor second trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13X2	Preterm labor second trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13X3	Preterm labor second trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13X4	Preterm labor second trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13X5	Preterm labor second trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13X9	Preterm labor second trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14	Preterm labor third trimester with preterm delivery third trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14X0	Preterm labor third trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14X1	Preterm labor third trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14X2	Preterm labor third trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14X3	Preterm labor third trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14X4	Preterm labor third trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14X5	Preterm labor third trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM	(1, 301)	Any

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Broadly Define Related Conditions of Interest

Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
O60.14X9	Preterm labor third trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.2	Term delivery with preterm labor	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.20	Term delivery with preterm labor, unspecified trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.20X0	Term delivery with preterm labor, unspecified trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.20X1	Term delivery with preterm labor, unspecified trimester, fetus 1	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.20X2	Term delivery with preterm labor, unspecified trimester, fetus 2	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.20X3	Term delivery with preterm labor, unspecified trimester, fetus 3	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.20X4	Term delivery with preterm labor, unspecified trimester, fetus 4	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.20X5	Term delivery with preterm labor, unspecified trimester, fetus 5	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.20X9	Term delivery with preterm labor, unspecified trimester, other fetus	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.22	Term delivery with preterm labor, second trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.22X0	Term delivery with preterm labor, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.22X1	Term delivery with preterm labor, second trimester, fetus 1	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.22X2	Term delivery with preterm labor, second trimester, fetus 2	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.22X3	Term delivery with preterm labor, second trimester, fetus 3	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.22X4	Term delivery with preterm labor, second trimester, fetus 4	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.22X5	Term delivery with preterm labor, second trimester, fetus 5	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.22X9	Term delivery with preterm labor, second trimester, other fetus	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.23	Term delivery with preterm labor, third trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.23X0	Term delivery with preterm labor, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.23X1	Term delivery with preterm labor, third trimester, fetus 1	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.23X2	Term delivery with preterm labor, third trimester, fetus 2	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.23X3	Term delivery with preterm labor, third trimester, fetus 3	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.23X4	Term delivery with preterm labor, third trimester, fetus 4	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.23X5	Term delivery with preterm labor, third trimester, fetus 5	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.23X9	Term delivery with preterm labor, third trimester, other fetus	Diagnosis	ICD-10-CM	(1, 301)	Any
History of Cervical Shortening or Cervical Shortening during the Pregnancy of Interest					
649.7	Cervical shortening	Diagnosis	ICD-9-CM	(enrollment history, 301)	Any
649.70	Cervical shortening, unspecified as to episode of care or not applicable	Diagnosis	ICD-9-CM	(enrollment history, 301)	Any
649.71	Cervical shortening, delivered, with or without mention of antepartum condition	Diagnosis	ICD-9-CM	(enrollment history, 301)	Any

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Broadly Define Related Conditions of Interest

Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
649.73	Cervical shortening, antepartum condition or complication	Diagnosis	ICD-9-CM	(enrollment history, 301)	Any
O26.872	Cervical shortening, second trimester	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O26.873	Cervical shortening, third trimester	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O26.879	Cervical shortening, unspecified trimester	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
Any of the Broadly Defined Conditions					
V13.21	Personal history of pre-term labor	Diagnosis	ICD-9-CM	(enrollment history, 301)	Any
Z87.51	Personal history of pre-term labor	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
V23.41	Supervision of pregnancy with history of pre-term labor	Diagnosis	ICD-9-CM	(enrollment history, 301)	Any
O09.211	Supervision of pregnancy with history of pre-term labor, first trimester	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O09.212	Supervision of pregnancy with history of pre-term labor, second trimester	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O09.213	Supervision of pregnancy with history of pre-term labor, third trimester	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O09.219	Supervision of pregnancy with history of pre-term labor, unspecified trimester	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.12X0	Preterm labor second trimester with preterm delivery second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
O60.12X1	Preterm labor second trimester with preterm delivery second trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
O60.12X2	Preterm labor second trimester with preterm delivery second trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
O60.12X3	Preterm labor second trimester with preterm delivery second trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
O60.12X4	Preterm labor second trimester with preterm delivery second trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
O60.12X5	Preterm labor second trimester with preterm delivery second trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
O60.12X9	Preterm labor second trimester with preterm delivery second trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
O60.13X0	Preterm labor second trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
O60.13X1	Preterm labor second trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
O60.13X2	Preterm labor second trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
O60.13X3	Preterm labor second trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
O60.13X4	Preterm labor second trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
O60.13X5	Preterm labor second trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
O60.13X9	Preterm labor second trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
O60.14X0	Preterm labor third trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Broadly Define Related Conditions of Interest

Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
O60.14X1	Preterm labor third trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
O60.14X2	Preterm labor third trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
O60.14X3	Preterm labor third trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
O60.14X4	Preterm labor third trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
O60.14X5	Preterm labor third trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
O60.14X9	Preterm labor third trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
P07.00	Extremely low birth weight newborn, unspecified weight	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
P07.01	Extremely low birth weight newborn, less than 500 grams	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
P07.02	Extremely low birth weight newborn, 500-749 grams	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
P07.03	Extremely low birth weight newborn, 750-999 grams	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
P07.10	Other low birth weight newborn, unspecified weight	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
P07.14	Other low birth weight newborn, 1000-1249 grams	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
P07.15	Other low birth weight newborn, 1250-1499 grams	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
P07.16	Other low birth weight newborn, 1500-1749 grams	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
P07.17	Other low birth weight newborn, 1750-1999 grams	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
P07.18	Other low birth weight newborn, 2000-2499 grams	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
P07.20	Extreme immaturity of newborn, unspecified weeks of gestation	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
P07.21	Extreme immaturity of newborn, gestational age less than 23 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
P07.22	Extreme immaturity of newborn, gestational age 23 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
P07.23	Extreme immaturity of newborn, gestational age 24 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
P07.24	Extreme immaturity of newborn, gestational age 25 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
P07.25	Extreme immaturity of newborn, gestational age 26 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
P07.26	Extreme immaturity of newborn, gestational age 27 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
P07.30	Preterm newborn, unspecified weeks of gestation	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
P07.31	Preterm newborn, gestational age 28 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
P07.32	Preterm newborn, gestational age 29 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
P07.33	Preterm newborn, gestational age 30 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
P07.34	Preterm newborn, gestational age 31 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
P07.35	Preterm newborn, gestational age 32 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
P07.36	Preterm newborn, gestational age 33 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient

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Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
P07.37	Preterm newborn, gestational age 34 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
P07.38	Preterm newborn, gestational age 35 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
P07.39	Preterm newborn, gestational age 36 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, 301)	Inpatient
644.21	Early onset of delivery, delivered, with or without mention of antepartum condition	Diagnosis	ICD-9-CM	(enrollment history, 301)	Inpatient
765.00	Extreme fetal immaturity, unspecified (weight)	Diagnosis	ICD-9-CM	(enrollment history, 301)	Inpatient
765.01	Extreme fetal immaturity, less than 500 grams	Diagnosis	ICD-9-CM	(enrollment history, 301)	Inpatient
765.02	Extreme fetal immaturity, 500-749 grams	Diagnosis	ICD-9-CM	(enrollment history, 301)	Inpatient
765.03	Extreme fetal immaturity, 750-999 grams	Diagnosis	ICD-9-CM	(enrollment history, 301)	Inpatient
765.04	Extreme fetal immaturity, 1,000-1,249 grams	Diagnosis	ICD-9-CM	(enrollment history, 301)	Inpatient
765.05	Extreme fetal immaturity, 1,250-1,499 grams	Diagnosis	ICD-9-CM	(enrollment history, 301)	Inpatient
765.06	Extreme fetal immaturity, 1,500-1,749 grams	Diagnosis	ICD-9-CM	(enrollment history, 301)	Inpatient
765.07	Extreme fetal immaturity, 1,750-1,999 grams	Diagnosis	ICD-9-CM	(enrollment history, 301)	Inpatient
765.08	Extreme fetal immaturity, 2,000-2,499 grams	Diagnosis	ICD-9-CM	(enrollment history, 301)	Inpatient
765.09	Extreme fetal immaturity, 2,500 or more grams	Diagnosis	ICD-9-CM	(enrollment history, 301)	Inpatient
765.10	Other preterm infants, unspecified (weight)	Diagnosis	ICD-9-CM	(enrollment history, 301)	Inpatient
765.11	Other preterm infants, less than 500 grams	Diagnosis	ICD-9-CM	(enrollment history, 301)	Inpatient
765.12	Other preterm infants, 500-749 grams	Diagnosis	ICD-9-CM	(enrollment history, 301)	Inpatient
765.13	Other preterm infants, 750-999 grams	Diagnosis	ICD-9-CM	(enrollment history, 301)	Inpatient
765.14	Other preterm infants, 1,000-1,249 grams	Diagnosis	ICD-9-CM	(enrollment history, 301)	Inpatient
765.15	Other preterm infants, 1,250-1,499 grams	Diagnosis	ICD-9-CM	(enrollment history, 301)	Inpatient
765.16	Other preterm infants, 1,500-1,749 grams	Diagnosis	ICD-9-CM	(enrollment history, 301)	Inpatient
765.17	Other preterm infants, 1,750-1,999 grams	Diagnosis	ICD-9-CM	(enrollment history, 301)	Inpatient
765.18	Other preterm infants, 2,000-2,499 grams	Diagnosis	ICD-9-CM	(enrollment history, 301)	Inpatient
765.19	Other preterm infants, 2,500 or more grams	Diagnosis	ICD-9-CM	(enrollment history, 301)	Inpatient
765.20	Unspecified weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, 301)	Inpatient
765.21	Less than 24 completed weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, 301)	Inpatient
765.22	24 completed weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, 301)	Inpatient
765.23	25-26 completed weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, 301)	Inpatient
765.24	27-28 completed weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, 301)	Inpatient
765.25	29-30 completed weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, 301)	Inpatient

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Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
765.26	31-32 completed weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, 301)	Inpatient
765.27	33-34 completed weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, 301)	Inpatient
765.28	35-36 completed weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, 301)	Inpatient
O60.10X1	Preterm labor with preterm delivery, unspecified trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.10X2	Preterm labor with preterm delivery, unspecified trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.10X3	Preterm labor with preterm delivery, unspecified trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.10X4	Preterm labor with preterm delivery, unspecified trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.10X5	Preterm labor with preterm delivery, unspecified trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.10X0	Preterm labor with preterm delivery, unspecified trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.10X9	Preterm labor with preterm delivery, unspecified trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
644.20	Early onset of delivery, unspecified as to episode of care	Diagnosis	ICD-9-CM	(enrollment history, 301)	Any
644	Early or threatened labor	Diagnosis	ICD-9-CM	(enrollment history, 301)	Any
644.0	Threatened premature labor	Diagnosis	ICD-9-CM	(enrollment history, 301)	Any
644.00	Threatened premature labor, unspecified as to episode of care	Diagnosis	ICD-9-CM	(enrollment history, 301)	Any
644.03	Threatened premature labor, antepartum	Diagnosis	ICD-9-CM	(enrollment history, 301)	Any
644.2	Early onset of delivery	Diagnosis	ICD-9-CM	(enrollment history, 301)	Any
644.20	Early onset of delivery, unspecified as to episode of care	Diagnosis	ICD-9-CM	(enrollment history, 301)	Any
644.21	Early onset of delivery, delivered, with or without mention of antepartum condition	Diagnosis	ICD-9-CM	(enrollment history, 301)	Inpatient
646.3	Pregnancy complication, recurrent pregnancy loss	Diagnosis	ICD-9-CM	(enrollment history, 301)	Any
646.30	Pregnancy complication, recurrent pregnancy loss, unspecified as to episode of care	Diagnosis	ICD-9-CM	(enrollment history, 301)	Any
646.31	Pregnancy complication, recurrent pregnancy loss, with or without mention of antepartum condition	Diagnosis	ICD-9-CM	(enrollment history, 301)	Any
646.33	Pregnancy complication, recurrent pregnancy loss, antepartum condition or complication	Diagnosis	ICD-9-CM	(enrollment history, 301)	Any
O60	Preterm labor	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.0	Preterm labor without delivery	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.00	Preterm labor without delivery, unspecified trimester	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.02	Preterm labor without delivery, second trimester	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.03	Preterm labor without delivery, third trimester	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.1	Preterm labor with preterm delivery	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.10	Preterm labor with preterm delivery, unspecified trimester	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any

Appendix F. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Broadly Define Related Conditions of Interest

Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
O60.10X0	Preterm labor with preterm delivery, unspecified trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.10X1	Preterm labor with preterm delivery, unspecified trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.10X2	Preterm labor with preterm delivery, unspecified trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.10X3	Preterm labor with preterm delivery, unspecified trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.10X4	Preterm labor with preterm delivery, unspecified trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.10X5	Preterm labor with preterm delivery, unspecified trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.10X9	Preterm labor with preterm delivery, unspecified trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.12	Preterm labor second trimester with preterm delivery second trimester	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.12X0	Preterm labor second trimester with preterm delivery second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.12X1	Preterm labor second trimester with preterm delivery second trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.12X2	Preterm labor second trimester with preterm delivery second trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.12X3	Preterm labor second trimester with preterm delivery second trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.12X4	Preterm labor second trimester with preterm delivery second trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.12X5	Preterm labor second trimester with preterm delivery second trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.12X9	Preterm labor second trimester with preterm delivery second trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.13	Preterm labor second trimester with preterm delivery third trimester	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.13X0	Preterm labor second trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.13X1	Preterm labor second trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.13X2	Preterm labor second trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.13X3	Preterm labor second trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.13X4	Preterm labor second trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.13X5	Preterm labor second trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.13X9	Preterm labor second trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.14	Preterm labor third trimester with preterm delivery third trimester	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.14X0	Preterm labor third trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.14X1	Preterm labor third trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.14X2	Preterm labor third trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any

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Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
O60.14X3	Preterm labor third trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.14X4	Preterm labor third trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.14X5	Preterm labor third trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.14X9	Preterm labor third trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.2	Term delivery with preterm labor	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.20	Term delivery with preterm labor, unspecified trimester	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.20X0	Term delivery with preterm labor, unspecified trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.20X1	Term delivery with preterm labor, unspecified trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.20X2	Term delivery with preterm labor, unspecified trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.20X3	Term delivery with preterm labor, unspecified trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.20X4	Term delivery with preterm labor, unspecified trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.20X5	Term delivery with preterm labor, unspecified trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.20X9	Term delivery with preterm labor, unspecified trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.22	Term delivery with preterm labor, second trimester	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.22X0	Term delivery with preterm labor, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.22X1	Term delivery with preterm labor, second trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.22X2	Term delivery with preterm labor, second trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.22X3	Term delivery with preterm labor, second trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.22X4	Term delivery with preterm labor, second trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.22X5	Term delivery with preterm labor, second trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.22X9	Term delivery with preterm labor, second trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.23	Term delivery with preterm labor, third trimester	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.23X0	Term delivery with preterm labor, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.23X1	Term delivery with preterm labor, third trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.23X2	Term delivery with preterm labor, third trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.23X3	Term delivery with preterm labor, third trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.23X4	Term delivery with preterm labor, third trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.23X5	Term delivery with preterm labor, third trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O60.23X9	Term delivery with preterm labor, third trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
649.7	Cervical shortening	Diagnosis	ICD-9-CM	(enrollment history, 301)	Any

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Code	Description	Code Type	Code		Care Setting
			Category	Evaluation Window	
649.70	Cervical shortening, unspecified as to episode of care or not applicable	Diagnosis	ICD-9-CM	(enrollment history, 301)	Any
649.71	Cervical shortening, delivered, with or without mention of antepartum condition	Diagnosis	ICD-9-CM	(enrollment history, 301)	Any
649.73	Cervical shortening, antepartum condition or complication	Diagnosis	ICD-9-CM	(enrollment history, 301)	Any
O26.872	Cervical shortening, second trimester	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O26.873	Cervical shortening, third trimester	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any
O26.879	Cervical shortening, unspecified trimester	Diagnosis	ICD-10-CM	(enrollment history, 301)	Any

Appendix G. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Narrowly Define Related Conditions of Interest

Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
History of Preterm Delivery					
O60.12X0	Preterm labor second trimester with preterm delivery second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.12X1	Preterm labor second trimester with preterm delivery second trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.12X2	Preterm labor second trimester with preterm delivery second trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.12X3	Preterm labor second trimester with preterm delivery second trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.12X4	Preterm labor second trimester with preterm delivery second trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.12X5	Preterm labor second trimester with preterm delivery second trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.12X9	Preterm labor second trimester with preterm delivery second trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.13X0	Preterm labor second trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.13X1	Preterm labor second trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.13X2	Preterm labor second trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.13X3	Preterm labor second trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.13X4	Preterm labor second trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.13X5	Preterm labor second trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.13X9	Preterm labor second trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.14X0	Preterm labor third trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.14X1	Preterm labor third trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.14X2	Preterm labor third trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.14X3	Preterm labor third trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.14X4	Preterm labor third trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.14X5	Preterm labor third trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.14X9	Preterm labor third trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.00	Extremely low birth weight newborn, unspecified weight	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.01	Extremely low birth weight newborn, less than 500 grams	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.02	Extremely low birth weight newborn, 500-749 grams	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.03	Extremely low birth weight newborn, 750-999 grams	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient

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Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
P07.10	Other low birth weight newborn, unspecified weight	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.14	Other low birth weight newborn, 1000-1249 grams	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.15	Other low birth weight newborn, 1250-1499 grams	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.16	Other low birth weight newborn, 1500-1749 grams	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.17	Other low birth weight newborn, 1750-1999 grams	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.18	Other low birth weight newborn, 2000-2499 grams	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.20	Extreme immaturity of newborn, unspecified weeks of gestation	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.21	Extreme immaturity of newborn, gestational age less than 23 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.22	Extreme immaturity of newborn, gestational age 23 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.23	Extreme immaturity of newborn, gestational age 24 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.24	Extreme immaturity of newborn, gestational age 25 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.25	Extreme immaturity of newborn, gestational age 26 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.26	Extreme immaturity of newborn, gestational age 27 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.30	Preterm newborn, unspecified weeks of gestation	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.31	Preterm newborn, gestational age 28 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.32	Preterm newborn, gestational age 29 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.33	Preterm newborn, gestational age 30 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.34	Preterm newborn, gestational age 31 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.35	Preterm newborn, gestational age 32 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.36	Preterm newborn, gestational age 33 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.37	Preterm newborn, gestational age 34 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.38	Preterm newborn, gestational age 35 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.39	Preterm newborn, gestational age 36 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
644.21	Early onset of delivery, delivered, with or without mention of antepartum condition	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.00	Extreme fetal immaturity, unspecified (weight)	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.01	Extreme fetal immaturity, less than 500 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.02	Extreme fetal immaturity, 500-749 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.03	Extreme fetal immaturity, 750-999 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.04	Extreme fetal immaturity, 1,000-1,249 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient

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Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
765.05	Extreme fetal immaturity, 1,250-1,499 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.06	Extreme fetal immaturity, 1,500-1,749 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.07	Extreme fetal immaturity, 1,750-1,999 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.08	Extreme fetal immaturity, 2,000-2,499 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.09	Extreme fetal immaturity, 2,500 or more grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.10	Other preterm infants, unspecified (weight)	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.11	Other preterm infants, less than 500 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.12	Other preterm infants, 500-749 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.13	Other preterm infants, 750-999 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.14	Other preterm infants, 1,000-1,249 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.15	Other preterm infants, 1,250-1,499 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.16	Other preterm infants, 1,500-1,749 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.17	Other preterm infants, 1,750-1,999 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.18	Other preterm infants, 2,000-2,499 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.19	Other preterm infants, 2,500 or more grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.20	Unspecified weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.21	Less than 24 completed weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.22	24 completed weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.23	25-26 completed weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.24	27-28 completed weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.25	29-30 completed weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.26	31-32 completed weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.27	33-34 completed weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.28	35-36 completed weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
O60.10X1	Preterm labor with preterm delivery, unspecified trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X2	Preterm labor with preterm delivery, unspecified trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X3	Preterm labor with preterm delivery, unspecified trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X4	Preterm labor with preterm delivery, unspecified trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X5	Preterm labor with preterm delivery, unspecified trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any

Appendix G. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Narrowly Define Related Conditions of Interest

Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
O60.10X0	Preterm labor with preterm delivery, unspecified trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X9	Preterm labor with preterm delivery, unspecified trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
644.20	Early onset of delivery, unspecified as to episode of care	Diagnosis	ICD-9-CM	(enrollment history, -1)	Any
644.2	Early onset of delivery	Diagnosis	ICD-9-CM	(enrollment history, -1)	Any
644.20	Early onset of delivery, unspecified as to episode of care	Diagnosis	ICD-9-CM	(enrollment history, -1)	Any
644.21	Early onset of delivery, delivered, with or without mention of antepartum condition	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
O60.1	Preterm labor with preterm delivery	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10	Preterm labor with preterm delivery, unspecified trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X0	Preterm labor with preterm delivery, unspecified trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X1	Preterm labor with preterm delivery, unspecified trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X2	Preterm labor with preterm delivery, unspecified trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X3	Preterm labor with preterm delivery, unspecified trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X4	Preterm labor with preterm delivery, unspecified trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X5	Preterm labor with preterm delivery, unspecified trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X9	Preterm labor with preterm delivery, unspecified trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12	Preterm labor second trimester with preterm delivery second trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X0	Preterm labor second trimester with preterm delivery second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X1	Preterm labor second trimester with preterm delivery second trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X2	Preterm labor second trimester with preterm delivery second trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X3	Preterm labor second trimester with preterm delivery second trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X4	Preterm labor second trimester with preterm delivery second trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X5	Preterm labor second trimester with preterm delivery second trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X9	Preterm labor second trimester with preterm delivery second trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13	Preterm labor second trimester with preterm delivery third trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13X0	Preterm labor second trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13X1	Preterm labor second trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13X2	Preterm labor second trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any

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Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
O60.13X3	Preterm labor second trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13X4	Preterm labor second trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13X5	Preterm labor second trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13X9	Preterm labor second trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14	Preterm labor third trimester with preterm delivery third trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14X0	Preterm labor third trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14X1	Preterm labor third trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14X2	Preterm labor third trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14X3	Preterm labor third trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14X4	Preterm labor third trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14X5	Preterm labor third trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14X9	Preterm labor third trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
History of Preterm Labor					
V13.21	Personal history of pre-term labor	Diagnosis	ICD-9-CM	(enrollment history, -1)	Any
Z87.51	Personal history of pre-term labor	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
V23.41	Supervision of pregnancy with history of pre-term labor	Diagnosis	ICD-9-CM	(enrollment history, -1)	Any
O09.211	Supervision of pregnancy with history of pre-term labor, first trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O09.212	Supervision of pregnancy with history of pre-term labor, second trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O09.213	Supervision of pregnancy with history of pre-term labor, third trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O09.219	Supervision of pregnancy with history of pre-term labor, unspecified trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X0	Preterm labor second trimester with preterm delivery second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X1	Preterm labor second trimester with preterm delivery second trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X2	Preterm labor second trimester with preterm delivery second trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X3	Preterm labor second trimester with preterm delivery second trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X4	Preterm labor second trimester with preterm delivery second trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X5	Preterm labor second trimester with preterm delivery second trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X9	Preterm labor second trimester with preterm delivery second trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any

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Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
O60.13X0	Preterm labor second trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13X1	Preterm labor second trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13X2	Preterm labor second trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13X3	Preterm labor second trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13X4	Preterm labor second trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13X5	Preterm labor second trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13X9	Preterm labor second trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14X0	Preterm labor third trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14X1	Preterm labor third trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14X2	Preterm labor third trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14X3	Preterm labor third trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14X4	Preterm labor third trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14X5	Preterm labor third trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14X9	Preterm labor third trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X1	Preterm labor with preterm delivery, unspecified trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X2	Preterm labor with preterm delivery, unspecified trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X3	Preterm labor with preterm delivery, unspecified trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X4	Preterm labor with preterm delivery, unspecified trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X5	Preterm labor with preterm delivery, unspecified trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X0	Preterm labor with preterm delivery, unspecified trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X9	Preterm labor with preterm delivery, unspecified trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
644.20	Early onset of delivery, unspecified as to episode of care	Diagnosis	ICD-9-CM	(enrollment history, -1)	Any
644	Early or threatened labor	Diagnosis	ICD-9-CM	(enrollment history, -1)	Any
644.0	Threatened premature labor	Diagnosis	ICD-9-CM	(enrollment history, -1)	Any
644.00	Threatened premature labor, unspecified as to episode of care	Diagnosis	ICD-9-CM	(enrollment history, -1)	Any
644.03	Threatened premature labor, antepartum	Diagnosis	ICD-9-CM	(enrollment history, -1)	Any
O60	Preterm labor	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any

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Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
O60.0	Preterm labor without delivery	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.00	Preterm labor without delivery, unspecified trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.02	Preterm labor without delivery, second trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.03	Preterm labor without delivery, third trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.1	Preterm labor with preterm delivery	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10	Preterm labor with preterm delivery, unspecified trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X0	Preterm labor with preterm delivery, unspecified trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X1	Preterm labor with preterm delivery, unspecified trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X2	Preterm labor with preterm delivery, unspecified trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X3	Preterm labor with preterm delivery, unspecified trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X4	Preterm labor with preterm delivery, unspecified trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X5	Preterm labor with preterm delivery, unspecified trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X9	Preterm labor with preterm delivery, unspecified trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12	Preterm labor second trimester with preterm delivery second trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X0	Preterm labor second trimester with preterm delivery second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X1	Preterm labor second trimester with preterm delivery second trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X2	Preterm labor second trimester with preterm delivery second trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X3	Preterm labor second trimester with preterm delivery second trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X4	Preterm labor second trimester with preterm delivery second trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X5	Preterm labor second trimester with preterm delivery second trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X9	Preterm labor second trimester with preterm delivery second trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13	Preterm labor second trimester with preterm delivery third trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13X0	Preterm labor second trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13X1	Preterm labor second trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13X2	Preterm labor second trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13X3	Preterm labor second trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13X4	Preterm labor second trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any

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Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
O60.13X5	Preterm labor second trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13X9	Preterm labor second trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14	Preterm labor third trimester with preterm delivery third trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14X0	Preterm labor third trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14X1	Preterm labor third trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14X2	Preterm labor third trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14X3	Preterm labor third trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14X4	Preterm labor third trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14X5	Preterm labor third trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14X9	Preterm labor third trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.2	Term delivery with preterm labor	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.20	Term delivery with preterm labor, unspecified trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.20X0	Term delivery with preterm labor, unspecified trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.20X1	Term delivery with preterm labor, unspecified trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.20X2	Term delivery with preterm labor, unspecified trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.20X3	Term delivery with preterm labor, unspecified trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.20X4	Term delivery with preterm labor, unspecified trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.20X5	Term delivery with preterm labor, unspecified trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.20X9	Term delivery with preterm labor, unspecified trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.22	Term delivery with preterm labor, second trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.22X0	Term delivery with preterm labor, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.22X1	Term delivery with preterm labor, second trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.22X2	Term delivery with preterm labor, second trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.22X3	Term delivery with preterm labor, second trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.22X4	Term delivery with preterm labor, second trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.22X5	Term delivery with preterm labor, second trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.22X9	Term delivery with preterm labor, second trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.23	Term delivery with preterm labor, third trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any

Appendix G. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Narrowly Define Related Conditions of Interest

Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
O60.23X0	Term delivery with preterm labor, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.23X1	Term delivery with preterm labor, third trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.23X2	Term delivery with preterm labor, third trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.23X3	Term delivery with preterm labor, third trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.23X4	Term delivery with preterm labor, third trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.23X5	Term delivery with preterm labor, third trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.23X9	Term delivery with preterm labor, third trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
Preterm Delivery during the Pregnancy of Interest					
O60.12X0	Preterm labor second trimester with preterm delivery second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
O60.12X1	Preterm labor second trimester with preterm delivery second trimester, fetus 1	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
O60.12X2	Preterm labor second trimester with preterm delivery second trimester, fetus 2	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
O60.12X3	Preterm labor second trimester with preterm delivery second trimester, fetus 3	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
O60.12X4	Preterm labor second trimester with preterm delivery second trimester, fetus 4	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
O60.12X5	Preterm labor second trimester with preterm delivery second trimester, fetus 5	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
O60.12X9	Preterm labor second trimester with preterm delivery second trimester, other fetus	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
O60.13X0	Preterm labor second trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
O60.13X1	Preterm labor second trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
O60.13X2	Preterm labor second trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
O60.13X3	Preterm labor second trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
O60.13X4	Preterm labor second trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
O60.13X5	Preterm labor second trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
O60.13X9	Preterm labor second trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
O60.14X0	Preterm labor third trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
O60.14X1	Preterm labor third trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
O60.14X2	Preterm labor third trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
O60.14X3	Preterm labor third trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM	(1, 301)	Inpatient

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Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
O60.14X4	Preterm labor third trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
O60.14X5	Preterm labor third trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
O60.14X9	Preterm labor third trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.00	Extremely low birth weight newborn, unspecified weight	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.01	Extremely low birth weight newborn, less than 500 grams	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.02	Extremely low birth weight newborn, 500-749 grams	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.03	Extremely low birth weight newborn, 750-999 grams	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.10	Other low birth weight newborn, unspecified weight	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.14	Other low birth weight newborn, 1000-1249 grams	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.15	Other low birth weight newborn, 1250-1499 grams	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.16	Other low birth weight newborn, 1500-1749 grams	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.17	Other low birth weight newborn, 1750-1999 grams	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.18	Other low birth weight newborn, 2000-2499 grams	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.20	Extreme immaturity of newborn, unspecified weeks of gestation	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.21	Extreme immaturity of newborn, gestational age less than 23 completed weeks	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.22	Extreme immaturity of newborn, gestational age 23 completed weeks	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.23	Extreme immaturity of newborn, gestational age 24 completed weeks	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.24	Extreme immaturity of newborn, gestational age 25 completed weeks	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.25	Extreme immaturity of newborn, gestational age 26 completed weeks	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.26	Extreme immaturity of newborn, gestational age 27 completed weeks	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.30	Preterm newborn, unspecified weeks of gestation	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.31	Preterm newborn, gestational age 28 completed weeks	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.32	Preterm newborn, gestational age 29 completed weeks	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.33	Preterm newborn, gestational age 30 completed weeks	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.34	Preterm newborn, gestational age 31 completed weeks	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.35	Preterm newborn, gestational age 32 completed weeks	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.36	Preterm newborn, gestational age 33 completed weeks	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.37	Preterm newborn, gestational age 34 completed weeks	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
P07.38	Preterm newborn, gestational age 35 completed weeks	Diagnosis	ICD-10-CM	(1, 301)	Inpatient

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Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
P07.39	Preterm newborn, gestational age 36 completed weeks	Diagnosis	ICD-10-CM	(1, 301)	Inpatient
644.21	Early onset of delivery, delivered, with or without mention of antepartum condition	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.00	Extreme fetal immaturity, unspecified (weight)	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.01	Extreme fetal immaturity, less than 500 grams	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.02	Extreme fetal immaturity, 500-749 grams	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.03	Extreme fetal immaturity, 750-999 grams	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.04	Extreme fetal immaturity, 1,000-1,249 grams	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.05	Extreme fetal immaturity, 1,250-1,499 grams	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.06	Extreme fetal immaturity, 1,500-1,749 grams	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.07	Extreme fetal immaturity, 1,750-1,999 grams	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.08	Extreme fetal immaturity, 2,000-2,499 grams	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.09	Extreme fetal immaturity, 2,500 or more grams	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.10	Other preterm infants, unspecified (weight)	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.11	Other preterm infants, less than 500 grams	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.12	Other preterm infants, 500-749 grams	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.13	Other preterm infants, 750-999 grams	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.14	Other preterm infants, 1,000-1,249 grams	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.15	Other preterm infants, 1,250-1,499 grams	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.16	Other preterm infants, 1,500-1,749 grams	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.17	Other preterm infants, 1,750-1,999 grams	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.18	Other preterm infants, 2,000-2,499 grams	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.19	Other preterm infants, 2,500 or more grams	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.20	Unspecified weeks of gestation	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.21	Less than 24 completed weeks of gestation	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.22	24 completed weeks of gestation	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.23	25-26 completed weeks of gestation	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.24	27-28 completed weeks of gestation	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.25	29-30 completed weeks of gestation	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.26	31-32 completed weeks of gestation	Diagnosis	ICD-9-CM	(1, 301)	Inpatient

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Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
765.27	33-34 completed weeks of gestation	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
765.28	35-36 completed weeks of gestation	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
O60.10X1	Preterm labor with preterm delivery, unspecified trimester, fetus 1	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X2	Preterm labor with preterm delivery, unspecified trimester, fetus 2	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X3	Preterm labor with preterm delivery, unspecified trimester, fetus 3	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X4	Preterm labor with preterm delivery, unspecified trimester, fetus 4	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X5	Preterm labor with preterm delivery, unspecified trimester, fetus 5	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X0	Preterm labor with preterm delivery, unspecified trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X9	Preterm labor with preterm delivery, unspecified trimester, other fetus	Diagnosis	ICD-10-CM	(1, 301)	Any
644.20	Early onset of delivery, unspecified as to episode of care	Diagnosis	ICD-9-CM	(1, 301)	Any
644.2	Early onset of delivery	Diagnosis	ICD-9-CM	(1, 301)	Any
644.20	Early onset of delivery, unspecified as to episode of care	Diagnosis	ICD-9-CM	(1, 301)	Any
644.21	Early onset of delivery, delivered, with or without mention of antepartum condition	Diagnosis	ICD-9-CM	(1, 301)	Inpatient
O60.1	Preterm labor with preterm delivery	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10	Preterm labor with preterm delivery, unspecified trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X0	Preterm labor with preterm delivery, unspecified trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X1	Preterm labor with preterm delivery, unspecified trimester, fetus 1	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X2	Preterm labor with preterm delivery, unspecified trimester, fetus 2	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X3	Preterm labor with preterm delivery, unspecified trimester, fetus 3	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X4	Preterm labor with preterm delivery, unspecified trimester, fetus 4	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X5	Preterm labor with preterm delivery, unspecified trimester, fetus 5	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X9	Preterm labor with preterm delivery, unspecified trimester, other fetus	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.12	Preterm labor second trimester with preterm delivery second trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.12X0	Preterm labor second trimester with preterm delivery second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.12X1	Preterm labor second trimester with preterm delivery second trimester, fetus 1	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.12X2	Preterm labor second trimester with preterm delivery second trimester, fetus 2	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.12X3	Preterm labor second trimester with preterm delivery second trimester, fetus 3	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.12X4	Preterm labor second trimester with preterm delivery second trimester, fetus 4	Diagnosis	ICD-10-CM	(1, 301)	Any

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Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
O60.12X5	Preterm labor second trimester with preterm delivery second trimester, fetus 5	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.12X9	Preterm labor second trimester with preterm delivery second trimester, other fetus	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13	Preterm labor second trimester with preterm delivery third trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13X0	Preterm labor second trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13X1	Preterm labor second trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13X2	Preterm labor second trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13X3	Preterm labor second trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13X4	Preterm labor second trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13X5	Preterm labor second trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13X9	Preterm labor second trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14	Preterm labor third trimester with preterm delivery third trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14X0	Preterm labor third trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14X1	Preterm labor third trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14X2	Preterm labor third trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14X3	Preterm labor third trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14X4	Preterm labor third trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14X5	Preterm labor third trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14X9	Preterm labor third trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM	(1, 301)	Any
Preterm Labor during the Pregnancy of Interest					
O60.12X0	Preterm labor second trimester with preterm delivery second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.12X1	Preterm labor second trimester with preterm delivery second trimester, fetus 1	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.12X2	Preterm labor second trimester with preterm delivery second trimester, fetus 2	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.12X3	Preterm labor second trimester with preterm delivery second trimester, fetus 3	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.12X4	Preterm labor second trimester with preterm delivery second trimester, fetus 4	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.12X5	Preterm labor second trimester with preterm delivery second trimester, fetus 5	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.12X9	Preterm labor second trimester with preterm delivery second trimester, other fetus	Diagnosis	ICD-10-CM	(1, 301)	Any

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Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
O60.13X0	Preterm labor second trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13X1	Preterm labor second trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13X2	Preterm labor second trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13X3	Preterm labor second trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13X4	Preterm labor second trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13X5	Preterm labor second trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13X9	Preterm labor second trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14X0	Preterm labor third trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14X1	Preterm labor third trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14X2	Preterm labor third trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14X3	Preterm labor third trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14X4	Preterm labor third trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14X5	Preterm labor third trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14X9	Preterm labor third trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X1	Preterm labor with preterm delivery, unspecified trimester, fetus 1	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X2	Preterm labor with preterm delivery, unspecified trimester, fetus 2	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X3	Preterm labor with preterm delivery, unspecified trimester, fetus 3	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X4	Preterm labor with preterm delivery, unspecified trimester, fetus 4	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X5	Preterm labor with preterm delivery, unspecified trimester, fetus 5	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X0	Preterm labor with preterm delivery, unspecified trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X9	Preterm labor with preterm delivery, unspecified trimester, other fetus	Diagnosis	ICD-10-CM	(1, 301)	Any
644.20	Early onset of delivery, unspecified as to episode of care	Diagnosis	ICD-9-CM	(1, 301)	Any
644	Early or threatened labor	Diagnosis	ICD-9-CM	(1, 301)	Any
644.0	Threatened premature labor	Diagnosis	ICD-9-CM	(1, 301)	Any
644.00	Threatened premature labor, unspecified as to episode of care	Diagnosis	ICD-9-CM	(1, 301)	Any
644.03	Threatened premature labor, antepartum	Diagnosis	ICD-9-CM	(1, 301)	Any
O60	Preterm labor	Diagnosis	ICD-10-CM	(1, 301)	Any

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Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
O60.0	Preterm labor without delivery	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.00	Preterm labor without delivery, unspecified trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.02	Preterm labor without delivery, second trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.03	Preterm labor without delivery, third trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.1	Preterm labor with preterm delivery	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10	Preterm labor with preterm delivery, unspecified trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X0	Preterm labor with preterm delivery, unspecified trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X1	Preterm labor with preterm delivery, unspecified trimester, fetus 1	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X2	Preterm labor with preterm delivery, unspecified trimester, fetus 2	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X3	Preterm labor with preterm delivery, unspecified trimester, fetus 3	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X4	Preterm labor with preterm delivery, unspecified trimester, fetus 4	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X5	Preterm labor with preterm delivery, unspecified trimester, fetus 5	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X9	Preterm labor with preterm delivery, unspecified trimester, other fetus	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.12	Preterm labor second trimester with preterm delivery second trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.12X0	Preterm labor second trimester with preterm delivery second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.12X1	Preterm labor second trimester with preterm delivery second trimester, fetus 1	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.12X2	Preterm labor second trimester with preterm delivery second trimester, fetus 2	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.12X3	Preterm labor second trimester with preterm delivery second trimester, fetus 3	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.12X4	Preterm labor second trimester with preterm delivery second trimester, fetus 4	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.12X5	Preterm labor second trimester with preterm delivery second trimester, fetus 5	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.12X9	Preterm labor second trimester with preterm delivery second trimester, other fetus	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13	Preterm labor second trimester with preterm delivery third trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13X0	Preterm labor second trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13X1	Preterm labor second trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13X2	Preterm labor second trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13X3	Preterm labor second trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13X4	Preterm labor second trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM	(1, 301)	Any

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Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
O60.13X5	Preterm labor second trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13X9	Preterm labor second trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14	Preterm labor third trimester with preterm delivery third trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14X0	Preterm labor third trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14X1	Preterm labor third trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14X2	Preterm labor third trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14X3	Preterm labor third trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14X4	Preterm labor third trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14X5	Preterm labor third trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14X9	Preterm labor third trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.2	Term delivery with preterm labor	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.20	Term delivery with preterm labor, unspecified trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.20X0	Term delivery with preterm labor, unspecified trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.20X1	Term delivery with preterm labor, unspecified trimester, fetus 1	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.20X2	Term delivery with preterm labor, unspecified trimester, fetus 2	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.20X3	Term delivery with preterm labor, unspecified trimester, fetus 3	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.20X4	Term delivery with preterm labor, unspecified trimester, fetus 4	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.20X5	Term delivery with preterm labor, unspecified trimester, fetus 5	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.20X9	Term delivery with preterm labor, unspecified trimester, other fetus	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.22	Term delivery with preterm labor, second trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.22X0	Term delivery with preterm labor, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.22X1	Term delivery with preterm labor, second trimester, fetus 1	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.22X2	Term delivery with preterm labor, second trimester, fetus 2	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.22X3	Term delivery with preterm labor, second trimester, fetus 3	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.22X4	Term delivery with preterm labor, second trimester, fetus 4	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.22X5	Term delivery with preterm labor, second trimester, fetus 5	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.22X9	Term delivery with preterm labor, second trimester, other fetus	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.23	Term delivery with preterm labor, third trimester	Diagnosis	ICD-10-CM	(1, 301)	Any

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Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
O60.23X0	Term delivery with preterm labor, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.23X1	Term delivery with preterm labor, third trimester, fetus 1	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.23X2	Term delivery with preterm labor, third trimester, fetus 2	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.23X3	Term delivery with preterm labor, third trimester, fetus 3	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.23X4	Term delivery with preterm labor, third trimester, fetus 4	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.23X5	Term delivery with preterm labor, third trimester, fetus 5	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.23X9	Term delivery with preterm labor, third trimester, other fetus	Diagnosis	ICD-10-CM	(1, 301)	Any
Cervical Shortening during the Pregnancy of Interest					
649.7	Cervical shortening	Diagnosis	ICD-9-CM	(1, 301)	Any
649.70	Cervical shortening, unspecified as to episode of care or not applicable	Diagnosis	ICD-9-CM	(1, 301)	Any
649.71	Cervical shortening, delivered, with or without mention of antepartum condition	Diagnosis	ICD-9-CM	(1, 301)	Any
649.73	Cervical shortening, antepartum condition or complication	Diagnosis	ICD-9-CM	(1, 301)	Any
O26.872	Cervical shortening, second trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
O26.873	Cervical shortening, third trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
O26.879	Cervical shortening, unspecified trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
History of Preterm Delivery <u>OR</u> Preterm Labor in the Pregnancy of Interest <u>OR</u> Cervical Shortening during the Current Pregnancy of Interest					
O60.12X0	Preterm labor second trimester with preterm delivery second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.12X1	Preterm labor second trimester with preterm delivery second trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.12X2	Preterm labor second trimester with preterm delivery second trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.12X3	Preterm labor second trimester with preterm delivery second trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.12X4	Preterm labor second trimester with preterm delivery second trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.12X5	Preterm labor second trimester with preterm delivery second trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.12X9	Preterm labor second trimester with preterm delivery second trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.13X0	Preterm labor second trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.13X1	Preterm labor second trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.13X2	Preterm labor second trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient

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Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
O60.13X3	Preterm labor second trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.13X4	Preterm labor second trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.13X5	Preterm labor second trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.13X9	Preterm labor second trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.14X0	Preterm labor third trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.14X1	Preterm labor third trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.14X2	Preterm labor third trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.14X3	Preterm labor third trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.14X4	Preterm labor third trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.14X5	Preterm labor third trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
O60.14X9	Preterm labor third trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.00	Extremely low birth weight newborn, unspecified weight	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.01	Extremely low birth weight newborn, less than 500 grams	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.02	Extremely low birth weight newborn, 500-749 grams	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.03	Extremely low birth weight newborn, 750-999 grams	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.10	Other low birth weight newborn, unspecified weight	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.14	Other low birth weight newborn, 1000-1249 grams	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.15	Other low birth weight newborn, 1250-1499 grams	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.16	Other low birth weight newborn, 1500-1749 grams	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.17	Other low birth weight newborn, 1750-1999 grams	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.18	Other low birth weight newborn, 2000-2499 grams	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.20	Extreme immaturity of newborn, unspecified weeks of gestation	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.21	Extreme immaturity of newborn, gestational age less than 23 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.22	Extreme immaturity of newborn, gestational age 23 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.23	Extreme immaturity of newborn, gestational age 24 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.24	Extreme immaturity of newborn, gestational age 25 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.25	Extreme immaturity of newborn, gestational age 26 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.26	Extreme immaturity of newborn, gestational age 27 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient

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Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
P07.30	Preterm newborn, unspecified weeks of gestation	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.31	Preterm newborn, gestational age 28 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.32	Preterm newborn, gestational age 29 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.33	Preterm newborn, gestational age 30 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.34	Preterm newborn, gestational age 31 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.35	Preterm newborn, gestational age 32 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.36	Preterm newborn, gestational age 33 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.37	Preterm newborn, gestational age 34 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.38	Preterm newborn, gestational age 35 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
P07.39	Preterm newborn, gestational age 36 completed weeks	Diagnosis	ICD-10-CM	(enrollment history, -1)	Inpatient
644.21	Early onset of delivery, delivered, with or without mention of antepartum condition	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.00	Extreme fetal immaturity, unspecified (weight)	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.01	Extreme fetal immaturity, less than 500 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.02	Extreme fetal immaturity, 500-749 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.03	Extreme fetal immaturity, 750-999 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.04	Extreme fetal immaturity, 1,000-1,249 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.05	Extreme fetal immaturity, 1,250-1,499 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.06	Extreme fetal immaturity, 1,500-1,749 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.07	Extreme fetal immaturity, 1,750-1,999 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.08	Extreme fetal immaturity, 2,000-2,499 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.09	Extreme fetal immaturity, 2,500 or more grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.10	Other preterm infants, unspecified (weight)	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.11	Other preterm infants, less than 500 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.12	Other preterm infants, 500-749 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.13	Other preterm infants, 750-999 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.14	Other preterm infants, 1,000-1,249 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.15	Other preterm infants, 1,250-1,499 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.16	Other preterm infants, 1,500-1,749 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.17	Other preterm infants, 1,750-1,999 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient

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Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
765.18	Other preterm infants, 2,000-2,499 grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.19	Other preterm infants, 2,500 or more grams	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.20	Unspecified weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.21	Less than 24 completed weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.22	24 completed weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.23	25-26 completed weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.24	27-28 completed weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.25	29-30 completed weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.26	31-32 completed weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.27	33-34 completed weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
765.28	35-36 completed weeks of gestation	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
O60.10X1	Preterm labor with preterm delivery, unspecified trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X2	Preterm labor with preterm delivery, unspecified trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X3	Preterm labor with preterm delivery, unspecified trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X4	Preterm labor with preterm delivery, unspecified trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X5	Preterm labor with preterm delivery, unspecified trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X0	Preterm labor with preterm delivery, unspecified trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X9	Preterm labor with preterm delivery, unspecified trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
644.20	Early onset of delivery, unspecified as to episode of care	Diagnosis	ICD-9-CM	(enrollment history, -1)	Any
644.2	Early onset of delivery	Diagnosis	ICD-9-CM	(enrollment history, -1)	Any
644.20	Early onset of delivery, unspecified as to episode of care	Diagnosis	ICD-9-CM	(enrollment history, -1)	Any
644.21	Early onset of delivery, delivered, with or without mention of antepartum condition	Diagnosis	ICD-9-CM	(enrollment history, -1)	Inpatient
O60.1	Preterm labor with preterm delivery	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10	Preterm labor with preterm delivery, unspecified trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X0	Preterm labor with preterm delivery, unspecified trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X1	Preterm labor with preterm delivery, unspecified trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X2	Preterm labor with preterm delivery, unspecified trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X3	Preterm labor with preterm delivery, unspecified trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X4	Preterm labor with preterm delivery, unspecified trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any

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Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
O60.10X5	Preterm labor with preterm delivery, unspecified trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.10X9	Preterm labor with preterm delivery, unspecified trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12	Preterm labor second trimester with preterm delivery second trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X0	Preterm labor second trimester with preterm delivery second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X1	Preterm labor second trimester with preterm delivery second trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X2	Preterm labor second trimester with preterm delivery second trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X3	Preterm labor second trimester with preterm delivery second trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X4	Preterm labor second trimester with preterm delivery second trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X5	Preterm labor second trimester with preterm delivery second trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.12X9	Preterm labor second trimester with preterm delivery second trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13	Preterm labor second trimester with preterm delivery third trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13X0	Preterm labor second trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13X1	Preterm labor second trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13X2	Preterm labor second trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13X3	Preterm labor second trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13X4	Preterm labor second trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13X5	Preterm labor second trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.13X9	Preterm labor second trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14	Preterm labor third trimester with preterm delivery third trimester	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14X0	Preterm labor third trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14X1	Preterm labor third trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14X2	Preterm labor third trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14X3	Preterm labor third trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14X4	Preterm labor third trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14X5	Preterm labor third trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any
O60.14X9	Preterm labor third trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM	(enrollment history, -1)	Any

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Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
O60.12X0	Preterm labor second trimester with preterm delivery second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.12X1	Preterm labor second trimester with preterm delivery second trimester, fetus 1	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.12X2	Preterm labor second trimester with preterm delivery second trimester, fetus 2	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.12X3	Preterm labor second trimester with preterm delivery second trimester, fetus 3	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.12X4	Preterm labor second trimester with preterm delivery second trimester, fetus 4	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.12X5	Preterm labor second trimester with preterm delivery second trimester, fetus 5	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.12X9	Preterm labor second trimester with preterm delivery second trimester, other fetus	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13X0	Preterm labor second trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13X1	Preterm labor second trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13X2	Preterm labor second trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13X3	Preterm labor second trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13X4	Preterm labor second trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13X5	Preterm labor second trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13X9	Preterm labor second trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14X0	Preterm labor third trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14X1	Preterm labor third trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14X2	Preterm labor third trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14X3	Preterm labor third trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14X4	Preterm labor third trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14X5	Preterm labor third trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14X9	Preterm labor third trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X1	Preterm labor with preterm delivery, unspecified trimester, fetus 1	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X2	Preterm labor with preterm delivery, unspecified trimester, fetus 2	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X3	Preterm labor with preterm delivery, unspecified trimester, fetus 3	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X4	Preterm labor with preterm delivery, unspecified trimester, fetus 4	Diagnosis	ICD-10-CM	(1, 301)	Any

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Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
O60.10X5	Preterm labor with preterm delivery, unspecified trimester, fetus 5	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X0	Preterm labor with preterm delivery, unspecified trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X9	Preterm labor with preterm delivery, unspecified trimester, other fetus	Diagnosis	ICD-10-CM	(1, 301)	Any
644.20	Early onset of delivery, unspecified as to episode of care	Diagnosis	ICD-9-CM	(1, 301)	Any
644	Early or threatened labor	Diagnosis	ICD-9-CM	(1, 301)	Any
644.0	Threatened premature labor	Diagnosis	ICD-9-CM	(1, 301)	Any
644.00	Threatened premature labor, unspecified as to episode of care	Diagnosis	ICD-9-CM	(1, 301)	Any
644.03	Threatened premature labor, antepartum	Diagnosis	ICD-9-CM	(1, 301)	Any
O60	Preterm labor	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.0	Preterm labor without delivery	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.00	Preterm labor without delivery, unspecified trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.02	Preterm labor without delivery, second trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.03	Preterm labor without delivery, third trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.1	Preterm labor with preterm delivery	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10	Preterm labor with preterm delivery, unspecified trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X0	Preterm labor with preterm delivery, unspecified trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X1	Preterm labor with preterm delivery, unspecified trimester, fetus 1	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X2	Preterm labor with preterm delivery, unspecified trimester, fetus 2	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X3	Preterm labor with preterm delivery, unspecified trimester, fetus 3	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X4	Preterm labor with preterm delivery, unspecified trimester, fetus 4	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X5	Preterm labor with preterm delivery, unspecified trimester, fetus 5	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.10X9	Preterm labor with preterm delivery, unspecified trimester, other fetus	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.12	Preterm labor second trimester with preterm delivery second trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.12X0	Preterm labor second trimester with preterm delivery second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.12X1	Preterm labor second trimester with preterm delivery second trimester, fetus 1	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.12X2	Preterm labor second trimester with preterm delivery second trimester, fetus 2	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.12X3	Preterm labor second trimester with preterm delivery second trimester, fetus 3	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.12X4	Preterm labor second trimester with preterm delivery second trimester, fetus 4	Diagnosis	ICD-10-CM	(1, 301)	Any

Appendix G. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Narrowly Define Related Conditions of Interest

Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
O60.12X5	Preterm labor second trimester with preterm delivery second trimester, fetus 5	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.12X9	Preterm labor second trimester with preterm delivery second trimester, other fetus	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13	Preterm labor second trimester with preterm delivery third trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13X0	Preterm labor second trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13X1	Preterm labor second trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13X2	Preterm labor second trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13X3	Preterm labor second trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13X4	Preterm labor second trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13X5	Preterm labor second trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.13X9	Preterm labor second trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14	Preterm labor third trimester with preterm delivery third trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14X0	Preterm labor third trimester with preterm delivery third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14X1	Preterm labor third trimester with preterm delivery third trimester, fetus 1	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14X2	Preterm labor third trimester with preterm delivery third trimester, fetus 2	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14X3	Preterm labor third trimester with preterm delivery third trimester, fetus 3	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14X4	Preterm labor third trimester with preterm delivery third trimester, fetus 4	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14X5	Preterm labor third trimester with preterm delivery third trimester, fetus 5	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.14X9	Preterm labor third trimester with preterm delivery third trimester, other fetus	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.2	Term delivery with preterm labor	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.20	Term delivery with preterm labor, unspecified trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.20X0	Term delivery with preterm labor, unspecified trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.20X1	Term delivery with preterm labor, unspecified trimester, fetus 1	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.20X2	Term delivery with preterm labor, unspecified trimester, fetus 2	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.20X3	Term delivery with preterm labor, unspecified trimester, fetus 3	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.20X4	Term delivery with preterm labor, unspecified trimester, fetus 4	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.20X5	Term delivery with preterm labor, unspecified trimester, fetus 5	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.20X9	Term delivery with preterm labor, unspecified trimester, other fetus	Diagnosis	ICD-10-CM	(1, 301)	Any

Appendix G. List of International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) and International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) Diagnosis Codes Used to Narrowly Define Related Conditions of Interest

Code	Description	Code Type	Code Category	Evaluation Window	Care Setting
O60.22	Term delivery with preterm labor, second trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.22X0	Term delivery with preterm labor, second trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.22X1	Term delivery with preterm labor, second trimester, fetus 1	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.22X2	Term delivery with preterm labor, second trimester, fetus 2	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.22X3	Term delivery with preterm labor, second trimester, fetus 3	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.22X4	Term delivery with preterm labor, second trimester, fetus 4	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.22X5	Term delivery with preterm labor, second trimester, fetus 5	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.22X9	Term delivery with preterm labor, second trimester, other fetus	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.23	Term delivery with preterm labor, third trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.23X0	Term delivery with preterm labor, third trimester, not applicable or unspecified	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.23X1	Term delivery with preterm labor, third trimester, fetus 1	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.23X2	Term delivery with preterm labor, third trimester, fetus 2	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.23X3	Term delivery with preterm labor, third trimester, fetus 3	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.23X4	Term delivery with preterm labor, third trimester, fetus 4	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.23X5	Term delivery with preterm labor, third trimester, fetus 5	Diagnosis	ICD-10-CM	(1, 301)	Any
O60.23X9	Term delivery with preterm labor, third trimester, other fetus	Diagnosis	ICD-10-CM	(1, 301)	Any
649.7	Cervical shortening	Diagnosis	ICD-9-CM	(1, 301)	Any
649.70	Cervical shortening, unspecified as to episode of care or not applicable	Diagnosis	ICD-9-CM	(1, 301)	Any
649.71	Cervical shortening, delivered, with or without mention of antepartum condition	Diagnosis	ICD-9-CM	(1, 301)	Any
649.73	Cervical shortening, antepartum condition or complication	Diagnosis	ICD-9-CM	(1, 301)	Any
O26.872	Cervical shortening, second trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
O26.873	Cervical shortening, third trimester	Diagnosis	ICD-10-CM	(1, 301)	Any
O26.879	Cervical shortening, unspecified trimester	Diagnosis	ICD-10-CM	(1, 301)	Any

Appendix H. Specifications Detailing Parameters Used in this Request

We used the Cohort Identification and Descriptive Analysis (CIDA) module, version 7.3.3, to estimate use of hydroxyprogesterone caproate and progesterone among pregnant women with live birth deliveries and related conditions in the Sentinel Distributed Database (SDD).

Query Period (Binds Delivery Date): January 1, 2008 - April 30, 2019
Coverage Requirement: Medical & Drug Coverage
Enrollment Requirement (Prior to Delivery): 301 days (longest duration 301 days)
Enrollment Requirement (After Delivery): 0 days
Enrollment Gap: 45 days
Age Groups (calculated at age at delivery date): 10-17, 18-24, 25-34, 35-44, 45-54 years
Sex: Females
Stratifications: Calendar year; Trimester; Trimester by Calendar year; Maternal age; Maternal age by Calendar year

Pregnancy Episode Creation							Exposure Episode Creation						Inclusion Criteria						
Scenario	Pre-Pregnancy Period	Delivery Definition	Delivery Washout Period (days)	Pregnancy Duration Definition (Preterm/Postterm Codes)	Pregnancy Duration in Absence of Preterm/Postterm Codes (days)	Preterm/Postterm Evaluation Window (days)	Medical Product Exposures (MOI)	Incident with Respect to	Washout (days)	Exposure Length	Forced Days Supply Value	Start Date for Removing Exposures Relative to Pregnancy Start	End Date for Removing Exposures Relative to Pregnancy Start	Cohort Definition	Condition	Evaluation Window	Caresetting	Include or Exclude	Minimum Number of Instances the Condition Should be Found in Evaluation Window
1	0	Use Algorithm Codes (Appendix C)	301	Use Algorithm Codes (Appendix B)	273	7	1) injectable hydroxyprogesterone caproate 2) bulk powder hydroxyprogesterone caproate 3) injectable progesterone 4) oral progesterone 5) vaginal progesterone 6) bulk powder progesterone 7) any progesterone 8) any hydroxyprogesterone caproate or progesterone	N/A	0	1	1	0	90	Include all valid medical product exposures	--	--	--	--	--
2	0	Use Algorithm Codes (Appendix C)	301	Use Algorithm Codes (Appendix B)	273	7	MOI 1-8 (see scenario #1)	N/A	0	1	1	0	90	Include all valid medical product exposures	History of preterm labor or delivery	(enrollment history, -1)	See Appendices F and G	Inclusion	1
3	0	Use Algorithm Codes (Appendix C)	301	Use Algorithm Codes (Appendix B)	273	7	MOI 1-8 (see scenario #1)	N/A	0	1	1	0	90	Include all valid medical product exposures	Recorded personal history of preterm labor	(1, 301)	See Appendices F and G	Inclusion	1

Appendix H. Specifications Detailing Parameters Used in this Request

Scenario	Pregnancy Episode Creation						Exposure Episode Creation						Inclusion Criteria						
	Pre-Pregnancy Period	Delivery Definition	Delivery Washout Period (days)	Pregnancy Duration Definition (Preterm/Postterm Codes)	Pregnancy Duration in Absence of Preterm/Postterm Codes (days)	Preterm/Postterm Evaluation Window (days)	Medical Product Exposures (MOI)	Incident with Respect to	Washout (days)	Exposure Length	Forced Days Supply Value	Start Date for Removing MOI Exposures Relative to Pregnancy Start	End Date for Removing MOI Exposures Relative to Pregnancy Start	Cohort Definition	Condition	Evaluation Window	Caresetting	Include or Exclude	Minimum Number of Instances the Condition Should be Found in Evaluation Window
4	0	Use Algorithm Codes (Appendix C)	301	Use Algorithm Codes (Appendix B)	273	7	MOI 1-8 (see scenario #1)	N/A	0	1	1	0	90	Include all valid medical product exposures	History of preterm labor or delivery <u>OR</u> Recorded personal history of preterm labor	(enrollment history, -1) ——— (1, 301)	See Appendices F and G	Inclusion	1
5	0	Use Algorithm Codes (Appendix C)	301	Use Algorithm Codes (Appendix B)	273	7	MOI 1-8 (see scenario #1)	N/A	0	1	1	0	90	Include all valid medical product exposures	Preterm labor or delivery during the pregnancy of interest	(1, 301)	See Appendices F and G	Inclusion	1
6	0	Use Algorithm Codes (Appendix C)	301	Use Algorithm Codes (Appendix B)	273	7	MOI 1-8 (see scenario #1)	N/A	0	1	1	0	90	Include all valid medical product exposures	Cervical shortening during the pregnancy of interest or history of cervical shortening	(enrollment history, 301)	See Appendices F and G	Inclusion	1
7	0	Use Algorithm Codes (Appendix C)	301	Use Algorithm Codes (Appendix B)	273	7	MOI 1-8 (see scenario #1)	N/A	0	1	1	0	90	Include all valid medical product exposures	Any of the broadly-defined search conditions defined in scenarios 2-6	(enrollment history, 301)	See Appendices F and G	Inclusion	1
8	0	Use Algorithm Codes (Appendix C)	301	Use Algorithm Codes (Appendix B)	273	7	MOI 1-8 (see scenario #1)	N/A	0	1	1	0	90	Include all valid medical product exposures	History of preterm delivery	(enrollment history, -1)	See Appendices F and G	Inclusion	1
9	0	Use Algorithm Codes (Appendix C)	301	Use Algorithm Codes (Appendix B)	273	7	MOI 1-8 (see scenario #1)	N/A	0	1	1	0	90	Include all valid medical product exposures	History of preterm labor	(enrollment history, -1)	See Appendices F and G	Inclusion	1

Appendix H. Specifications Detailing Parameters Used in this Request

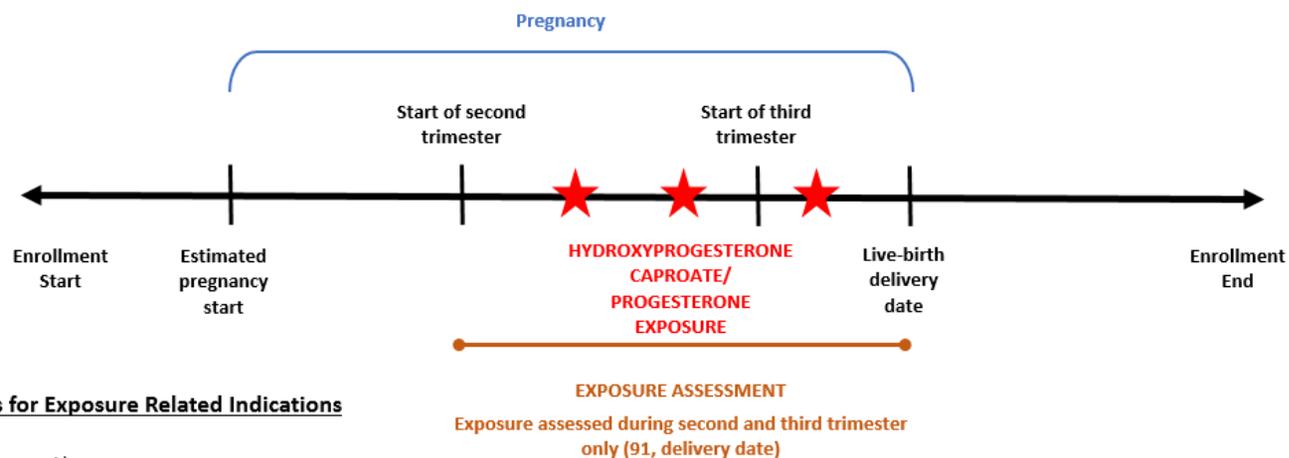
Scenario	Pregnancy Episode Creation						Exposure Episode Creation						Inclusion Criteria						
	Pre-Pregnancy Period	Delivery Definition	Delivery Washout Period (days)	Pregnancy Duration Definition (Preterm/Postterm Codes)	Pregnancy Duration in Absence of Preterm/Postterm Codes (days)	Preterm/Postterm Evaluation Window (days)	Medical Product Exposures (MOI)	Incident with Respect to	Washout (days)	Exposure Length	Forced Days Supply Value	Start Date for Removing MOI Exposed Relative to Pregnancy Start	End Date for Removing MOI Exposed Relative to Pregnancy Start	Cohort Definition	Condition	Evaluation Window	Caresetting	Include or Exclude	Minimum Number of Instances the Condition Should be Found in Evaluation Window
10	0	Use Algorithm Codes (Appendix C)	301	Use Algorithm Codes (Appendix B)	273	7	MOI 1-8 (see scenario #1)	N/A	0	1	1	0	90	Include all valid medical product exposures	Preterm delivery during the pregnancy of interest	(1, 301)	See Appendices F and G	Inclusion	1
11	0	Use Algorithm Codes (Appendix C)	301	Use Algorithm Codes (Appendix B)	273	7	MOI 1-8 (see scenario #1)	N/A	0	1	1	0	90	Include all valid medical product exposures	Preterm labor during the pregnancy of interest	(1, 301)	See Appendices F and G	Inclusion	1
12	0	Use Algorithm Codes (Appendix C)	301	Use Algorithm Codes (Appendix B)	273	7	MOI 1-8 (see scenario #1)	N/A	0	1	1	0	90	Include all valid medical product exposures	Cervical shortening during the pregnancy of interest	(1, 301)	See Appendices F and G	Inclusion	1
13	0	Use Algorithm Codes (Appendix C)	301	Use Algorithm Codes (Appendix B)	273	7	MOI 1-8 (see scenario #1)	N/A	0	1	1	0	90	Include all valid medical product exposures	History of preterm delivery <u>OR</u> Preterm labor during the pregnancy of interest <u>OR</u> Cervical shortening during the current pregnancy of interest	(enrollment history, -1) ----- (1, 301) ----- (1, 301)	See Appendices F and G	Inclusion	1

Appendix H. Specifications Detailing Parameters Used in this Request

Pregnancy Episode Creation							Exposure Episode Creation							Inclusion Criteria					
Scenario	Pre-Pregnancy Period	Delivery Definition	Delivery Washout Period (days)	Pregnancy Duration Definition (Preterm/Postterm Codes)	Pregnancy Duration in Absence of Preterm/Postterm Codes (days)	Preterm/Postterm Evaluation Window (days)	Medical Product Exposures (MOI)	Incident with Respect to	Washout (days)	Exposure Length	Forced Days Supply Value	Start Date for Removing MOI Relative to Pregnancy Start	End Date for Removing MOI Relative to Pregnancy Start	Cohort Definition	Condition	Evaluation Window	Caresetting	Include or Exclude	Minimum Number of Instances the Condition Should be Found in Evaluation Window
14	0	Use Algorithm Codes (Appendix C)	301	Use Algorithm Codes (Appendix B)	273	7	MOI 1-8 (see scenario #1)	N/A	0	1	1	0	90	Include all valid medical product exposures	Preterm delivery during the pregnancy of interest AND history of preterm delivery OR Preterm delivery during the pregnancy of interest AND preterm labor during the pregnancy of interest OR Preterm delivery during the pregnancy of interest AND cervical shortening during the current pregnancy of interest	(1, 301) AND (enrollment history, -1) (1, 301) AND (1, 301)	Appendices F and G	Inclusion	1

International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM), International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology, Fourth Edition (CPT-4) codes are provided by Optum360.
National Drug Codes (NDCs) are checked against First Data Bank's "National Drug Data File (NDDF®) Plus."

Appendix I. Design Diagram Detailing Medical Product Exposure Assessment and Related Conditions of Interest



Assessment Windows for Exposure Related Indications

Broadly-defined search of conditions

- History of preterm delivery/labor – (ever, -1)
- Recorded personal history of preterm labor- (ever, 301)
- History of preterm delivery/labor – (ever, -1) OR recorded personal history of preterm labor- (ever, 301)
- Preterm delivery/labor during pregnancy of interest– (1, 301)
- Cervical shortening during the pregnancy of interest or history of cervical shortening– (ever, 301)
- Any of conditions listed above – (ever, 301)

Narrowly-defined search of conditions

- History of preterm delivery – (ever, -1)
- History of preterm labor – (ever, -1)
- Preterm delivery during pregnancy – (1, 301)
- Preterm labor during pregnancy – (1, 301)
- Short cervix/decreased cervical length during pregnancy – (1, 301)
- Any of the narrowly-defined search conditions above during corresponding evaluation windows (history of preterm delivery OR preterm-labor in the pregnancy of interest OR cervical shortening during the current pregnancy of interest)
- Preterm delivery during the pregnancy of interest (1, 301) AND [history of preterm delivery (ever, -1) OR preterm labor in the pregnancy of interest (1, 301) OR cervical shortening during the pregnancy of interest (1, 301)]