

## SPECIFICATIONS: TDAP IMMUNIZATION DURING PREGNANCY

### Description

#### Indicator 1: Receipt of Tdap during pregnancy

Numerator Definition: The number of pregnant women who received Tdap immunization at any point during pregnancy.

Denominator Definition: The number of women who delivered a live birth (HEDIS Delivery Value Set minus the Non-live Births Value Set) in the current year. Multiple births will count as a single event for the denominator.

#### Indicator 2: Receipt of Tdap during the optimal 27-36 week gestational age period

Numerator: The number of pregnant women who received Tdap immunization between 27 and 36 weeks gestation.

Denominator: The number of women who delivered a live birth (HEDIS Delivery Value Set less the Non-live Births Value Set) in the current year. Multiple births will count as a single event for the denominator.

### Eligible Population

<b>Continuous Enrollment</b>	The member must be enrolled prior to the 26 <sup>th</sup> week through delivery. Calculate gestation based on gestational age (GA) at time of birth.
<b>Allowable gap</b>	No allowable gap during the continuous enrollment period.
<b>Eligible Population</b>	All pregnant women.
<b>Exclusion Criteria</b>	Non-live births ( <u>Non-live Births Value Set</u> ).

### Data Sources

Administrative Claims Data - Data codes sets determined collaboratively by Heritage Health MCOs

Tdap CPT Codes:

- 90715
- 90715 SL

Multiple Birth Codes: (with all liveborn & some liveborn)

Z37.2 – Twins, both liveborn	Z37.59 – Other multiple births, all liveborn
Z37.3 – Twins, one liveborn, one stillborn	Z.37.6 – Other multiple births, some liveborn
Z37.5 – Other multiple births, all liveborn	Z37.60 – Multiple births, unspecified, some liveborn
Z37.50 – Multiple births, unspecified, all liveborn	Z37.61 – Triplets, some liveborn
Z37.51 – Triplets, all liveborn	Z37.62 – Quadruplets, some liveborn

Z37.52 – Quadruplets, all liveborn	Z37.63 – Quintuplets, some liveborn
Z37.53 – Quintuplets, all liveborn	Z37.64 – Sextuplets, some liveborn
Z37.54 – Sextuplets, all liveborn	Z37.69 – Other multiple births, some liveborn

HEDIS Value Sets:

HEDIS Deliveries Value Set (2.16.840.1.113883.3.464.1004.1072)  
HEDIS Non-live Births Value Set (2.16.840.1.113883.3.464.1004.1187)

**HOW DATA IS PULLED FOR BASELINE & QUARTERLY REPORT:**

1. Deliveries are identified based on HEDIS (Deliveries Value Set)
2. Exclude non-live births based on HEDIS (Non-live Births Value Set)
3. Exclude women who were not continuously enrolled prior to 26 weeks gestation through delivery
4. Count multiple births as one event:
  - a. Identify the multiple births using the Multiple Birth Codes
  - b. Count each multiple birth with a live birth as one event.
5. For Indicator 1: Pull numerator using Tdap CPT code 90715 or 90715 SL anytime during pregnancy.
6. For Indicator 2: Pull numerator using Tdap CPT code 90715 or 90715 SL and calculate GA at the time of Tdap administration by calculating backwards from the GA at time of birth (including only those members who had Tdap administered between the 27<sup>th</sup> and 36<sup>th</sup> week of gestation).

## Specifications: Initiation of 17- Hydroxyprogesterone in Pregnant Women with a History of Spontaneous Preterm Birth

### Description

**Numerator Definition:** Number of pregnant women with a history of spontaneous preterm birth who received 17-hydroxyprogesterone between the 16<sup>th</sup> and 26<sup>th</sup> week of gestation.

**Denominator Definition:** Number of women who delivered a live birth (HEDIS Deliveries Value Set minus Non-live Births Value Set) in the measurement year, with a history of previous premature birth (as defined by the ICD-10 codes in the Data Sources section below, and in partnership with the NE Department of Public Health).

### Eligible Population

<b>Continuous Enrollment</b>	The member must be enrolled prior to the 26 <sup>th</sup> week through delivery. Calculate gestation based on gestational age (GA) at time of birth.
<b>Allowable gap</b>	No allowable gap during the continuous enrollment period.
<b>Eligible Population</b>	All women with a history of a spontaneous preterm birth (as defined by the ICD-10 codes in the Data Sources section below) who deliver a single live birth in the measurement year.
<b>Exclusion Criteria</b>	Multiple births (per ICD-10 codes below), Non-live births ( <u>Non-live Births Value Set</u> ).

### Data Sources

Administrative Claims Data - Data codes sets determined collaboratively by Heritage Health MCOs

ICD-10 for denominator (women with history of preterm birth/labor):

- O09.212
- O09.213
- O09.219
- Z87.51

J-codes for numerator (17P, Makena and compounded):

- J1725
- J1725TH

NDC Codes for 17P (Makena and compounded):

Makena:	17-P	17-P	17-P	17-P	17-P
64011-247-02	52372-0889-05	38779-2102-03	49452-3639-02	58597-8051-07	38779-2102-09
64011-0247-02	60592-0311-11	49452-3639-01	58597-8051-06	51552-1028-06	49452-3639-04
64011-243-01	51927-2733-00	58597-8051-04	51552-1028-05	60592-0311-05	38779-2102-07

64011-0243-01	58597-8051-02	51552-1028-04	52372-0889-03	62991-2034-04	62559-0540-15
	51552-1028-02	52372-0889-02	60592-0311-01	38779-2102-08	
	52372-0889-01	60592-0311-25	62991-2034-03	58597-8051-08	
	60592-0311-22	62991-2034-02	38799-2102-05	51552-1028-07	
	62991-2034-01	38779-2102-04	49452-3639-03	52372-0889-04	

Multiple Birth Codes: (with all liveborn & some liveborn)

Z37.2 – Twins, both liveborn	Z37.59 – Other multiple births, all liveborn
Z37.3 – Twins, one liveborn, one stillborn	Z37.6 – Other multiple births, some liveborn
Z37.5 – Other multiple births, all liveborn	Z37.60 – Multiple births, unspecified, some liveborn
Z37.50 – Multiple births, unspecified, all liveborn	Z37.61 – Triplets, some liveborn
Z37.51 – Triplets, all liveborn	Z37.62 – Quadruplets, some liveborn
Z37.52 – Quadruplets, all liveborn	Z37.63 – Quintuplets, some liveborn
Z37.53 – Quintuplets, all liveborn	Z37.64 – Sextuplets, some liveborn
Z37.54 – Sextuplets, all liveborn	Z37.69 – Other multiple births, some liveborn

HEDIS Value Sets:

HEDIS Deliveries Value Set (2.16.840.1.113883.3.464.1004.1072)

HEDIS Non-live Births Value Set (2.16.840.1.113883.3.464.1004.1187)

**HOW DATA IS PULLED FOR BASELINE & QUARTERLY REPORT:**

1. Identify deliveries using HEDIS Delivery Value Set
2. Remove multiple births using Multiple Birth Codes
3. Exclude non-live births (stillbirths) using HEDIS Non-Live Births Value Set
4. Exclude women who were not continuously enrolled prior to 26 weeks gestation through delivery
5. Using preterm birth/labor ICD-10 codes identify women with history of preterm birth or labor
6. Pull numerator using 17P J codes & NDC codes, and calculate GA at the time of 17p administration by calculating backwards from the GA at time of birth. Include only those members who had 17p initiated between the 16<sup>th</sup> and 26<sup>th</sup> week of gestation.
7. Ensure the member is only counted once in the numerator