



AHRQ Quality Indicators™ (AHRQ QI™) ICD-10-CM/PCS Specification Version 6.0

Inpatient Quality Indicator 33 (IQI 33) Primary Cesarean Delivery Rate, Uncomplicated

July 2016

Provider-Level Indicator

Type of Score: Rate

Prepared by:

Agency for Healthcare Research and Quality

U.S. Department of Health and Human Services

www.qualityindicators.ahrq.gov

DESCRIPTION

First-time Cesarean deliveries without a hysterotomy procedure per 1,000 deliveries. Excludes deliveries with complications (abnormal presentation, preterm delivery, fetal death, multiple gestation diagnoses, or breech procedure).

[NOTE: The software provides the rate per delivery. However, common practice reports the measure as per 1,000 deliveries. The user must multiply the rate obtained from the software by 1,000 to report the number of Cesarean deliveries per 1,000 deliveries.]

NUMERATOR

Discharges, among cases meeting the inclusion and exclusion rules for the denominator, with either:

- DRG or MS-DRG codes for Cesarean delivery; or
- any-listed ICD-10-PCS procedure codes for Cesarean delivery without any-listed ICD-10-PCS procedure codes for hysterotomy.

Cesarean delivery MS-DRG codes: (PRCSE2G)

765	Cesarean section w CC/MCC	766	Cesarean section w/o CC/MCC
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Cesarean delivery procedure codes: (PRCSECP)

10D00Z0	Extraction of Products of Conception, Classical, Open Approach	10D00Z2	Extraction of Products of Conception, Extraperitoneal, Open Approach
10D00Z1	Extraction of Products of Conception, Low Cervical, Open Approach		

Hysterotomy procedure code: (PRCSE2P)

10A00ZZ	Abortion of Products of Conception, Open Approach	10A04ZZ	Abortion of Products of Conception, Percutaneous Endoscopic Approach
10A03ZZ	Abortion of Products of Conception, Percutaneous Approach		

DENOMINATOR

All deliveries, identified in ICD-10 by outcome of delivery diagnosis codes.

Outcome of delivery diagnosis codes: (DELOCMD)

Z370	Single live birth	Z3759	Other multiple births, all liveborn
Z371	Single stillbirth	Z3760	Multiple births, unspecified, some liveborn
Z372	Twins, both liveborn	Z3761	Triplets, some liveborn
Z373	Twins, one liveborn and one stillborn	Z3762	Quadruplets, some liveborn
Z374	Twins, both stillborn	Z3763	Quintuplets, some liveborn
Z3750	Multiple births, unspecified, all liveborn	Z3764	Sextuplets, some liveborn
Z3751	Triplets, all liveborn	Z3769	Other multiple births, some liveborn
Z3752	Quadruplets, all liveborn	Z377	Other multiple births, all stillborn
Z3753	Quintuplets, all liveborn	Z379	Outcome of delivery, unspecified
Z3754	Sextuplets, all liveborn		

DENOMINATOR EXCLUSIONS

Exclude cases:

- with any-listed ICD-10-CM diagnosis codes for abnormal presentation, preterm, fetal death, or multiple gestation
- with any-listed ICD-10-CM diagnosis codes for previous Cesarean delivery
- with missing gender (SEX=missing), age (AGE=missing), quarter (DQTR=missing), year (YEAR=missing) or principal diagnosis (DX1=missing)

[Appendix A – Abnormal Presentation,
Preterm, Fetal Death and Multiple
Gestation Diagnosis Codes](#)

Previous Cesarean delivery diagnosis codes: (PRVBACD)

O3421	Maternal care for scar from previous cesarean delivery	O6641	Failed attempted vaginal birth after previous cesarean delivery
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