

Vaginal Birth After Cesarean (VBAC) Delivery Rate, Uncomplicated Technical Specifications

Inpatient Quality Indicators #22 (IQI #22)

AHRQ Quality Indicators™, Version 5.0

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Provider-Level Indicator

Type of Score: Rate

Description

Vaginal births per 1,000 deliveries by patients with previous Cesarean deliveries. Excludes deliveries with complications (abnormal presentation, preterm delivery, fetal death, multiple gestation diagnoses, or breech procedure).

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

Numerator

Number of vaginal deliveries, identified by DRG or MS-DRG code, among cases meeting the inclusion and exclusion rules for the denominator.

Vaginal delivery DRG codes:

372	VAGINAL DELIVERY W COMPLICATING DIAGNOSES	374	VAGINAL DELIVERY W STERILIZATION &/OR D&C
373	VAGINAL DELIVERY W/O COMPLICATING DIAGNOSES	375	VAGINAL DELIVERY W O.R. PROC EXCEPT STERIL &/OR D&C

Vaginal delivery MS-DRG codes:

767	VAGINAL DELIVERY W STERILIZATION &/OR D&C	774	VAGINAL DELIVERY W COMPLICATING DIAGNOSES
768	VAGINAL DELIVERY W O.R. PROC EXCEPT STERIL &/OR D&C	775	VAGINAL DELIVERY W/O COMPLICATING DIAGNOSES

Denominator

All deliveries identified by DRG or MS-DRG code, with any-listed ICD-9-CM diagnosis codes for previous Cesarean delivery.

Delivery DRG codes:

370	CESAREAN SECTION W CC	373	VAGINAL DELIVERY W/O COMPLICATING
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371	CESAREAN SECTION W/O CC	374	DIAGNOSES VAGINAL DELIVERY W STERILIZATION &/OR D&C
372	VAGINAL DELIVERY W COMPLICATING DIAGNOSES	375	VAGINAL DELIVERY W O.R. PROC EXCEPT STERIL &/OR D&C

Delivery MS-DRG codes:

765	CESAREAN SECTION W CC/MCC	768	VAGINAL DELIVERY W O.R. PROC EXCEPT STERIL &/OR D&C
766	CESAREAN SECTION W/O CC/MCC	774	VAGINAL DELIVERY W COMPLICATING DIAGNOSES
767	VAGINAL DELIVERY W STERILIZATION &/OR D&C	775	VAGINAL DELIVERY W/O COMPLICATING DIAGNOSES

ICD-9-CM Previous Cesarean delivery diagnosis codes:

65420	PREV C-SECT NOS-UNSPEC	65423	PREV C-SECT NOS-ANTEPART
65421	PREV C-SECT NOS-DELIVER		

Exclude cases:

- with any-listed ICD-9-CM diagnosis codes for abnormal presentation, preterm, fetal death, or multiple gestation
- with any-listed ICD-9-CM procedure codes for breech
- with missing gender (SEX=missing), age (AGE=missing), quarter (DQTR=missing), year (YEAR=missing) or principal diagnosis (DX1=missing)

See *Inpatient Quality Indicators Appendices*:

- Appendix A – Abnormal Presentation, Preterm, Fetal Death and Multiple Gestation Diagnosis Codes
- Appendix B – Breech Procedure Codes