



**AHRQ Quality Indicators™ (AHRQ QI™)
ICD-9-CM and ICD-10-CM/PCS
Specification Enhanced Version 5.0**

**Inpatient Quality Indicators #22 (IQI #22)
Vaginal Birth After Cesarean (VBAC)
Delivery Rate, Uncomplicated**

**October 2015
Provider-Level Indicator
Type of Score: Rate**

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IQI #22 Vaginal Birth After Cesarean (VBAC) Delivery Rate, Uncomplicated

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.]

IQI #22 Vaginal Birth After Cesarean (VBAC) Delivery Rate, Uncomplicated

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: (PRVAGBG)

ICD-9-CM	Description	ICD-10-CM	Description
372	VAGINAL DELIVERY W COMPLICATING DIAGNOSES		<i>Same codes as for ICD-9-CM</i>
373	VAGINAL DELIVERY W/O COMPLICATING DIAGNOSES		
374	VAGINAL DELIVERY W STERILIZATION &/OR D&C		
375	VAGINAL DELIVERY W O.R. PROC EXCEPT STERIL &/OR D&C		

Vaginal delivery MS-DRG codes: (PRVAG2G)

ICD-9-CM	Description	ICD-10-CM	Description
767	VAGINAL DELIVERY W STERILIZATION &/OR D&C		<i>Same codes as for ICD-9-CM</i>
768	VAGINAL DELIVERY W O.R. PROC EXCEPT STERIL &/OR D&C		
774	VAGINAL DELIVERY W COMPLICATING DIAGNOSES		
775	VAGINAL DELIVERY W/O COMPLICATING DIAGNOSES		

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NUMERATOR EXCLUSIONS
<i>Not Applicable</i>

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DENOMINATOR			
All deliveries identified by DRG or MS-DRG code, with any-listed ICD-9-CM or ICD-10-CM diagnosis codes for previous Cesarean delivery.			
<i>Delivery DRG codes: (PRBRTHG)</i>			
ICD-9-CM	Description	ICD-10-CM	Description

370	CESAREAN SECTION W CC		<i>Same codes as for ICD-9-CM</i>
371	CESAREAN SECTION W/O CC		
372	VAGINAL DELIVERY W COMPLICATING DIAGNOSES		
373	VAGINAL DELIVERY W/O COMPLICATING DIAGNOSES		
374	VAGINAL DELIVERY W STERILIZATION &/OR D&C		
375	VAGINAL DELIVERY W O.R. PROC EXCEPT STERIL &/OR D&C		

<i>[Delivery MS-DRG codes: (PRBRT2G)]</i>			
ICD-9-CM	Description	ICD-10-CM	Description

765	Cesarean section w CC/MCC		<i>Same codes as for ICD-9-CM</i>
766	Cesarean section w/o CC/MCC		
767	Vaginal delivery w sterilization &/or D&C		
768	Vaginal delivery w O.R. proc except steril &/or D&C		
774	Vaginal delivery w complicating diagnoses		
775	Vaginal delivery w/o complicating diagnoses		

<i>Previous Cesarean delivery diagnosis codes: (PRVBACD)</i>			
ICD-9-CM	Description	ICD-10-CM	Description
65420	PREV C-SECT NOS-UNSPEC	O3421	Maternal care for scar from previous cesarean delivery
65421	PREV C-SECT NOS-DELIVER	O6641	Failed attempted vaginal birth after previous cesarean delivery
65423	PREV C-SECT NOS-ANTEPART		

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DENOMINATOR EXCLUSIONS

Exclude cases:

- with any-listed ICD-9-CM or ICD-10-CM diagnosis codes for abnormal presentation, preterm, fetal death, or multiple gestation
- with any-listed ICD-9-CM or ICD-10-PCS procedure codes for breech
- 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](#)

[Appendix B – Breech Procedure Codes](#)