

Inpatient Quality Indicator 22 (IQI 22) Vaginal Birth After Cesarean (VBAC) Delivery Rate, Uncomplicated

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Provider-Level Indicator

Type of Score: Rate

Prepared by:

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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

Vaginal deliveries, identified by MS-DRG codes.

Vaginal delivery MS-DRG codes: (PRVAG2G)

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 MS-DRG codes, with any-listed ICD-9-CM diagnosis codes for previous Cesarean delivery.

Delivery MS-DRG codes: (PRBRT2G)

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

Previous Cesarean delivery diagnosis codes: (PRVBACD)

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

DENOMINATOR EXCLUSIONS

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)

Abnormal presentation, preterm, fetal death and multiple gestation diagnosis codes: (PRCSECD)

64420	EARLY ONSET DELIV-UNSPEC	65230	TRANSV/OBLIQ LIE-UNSPEC
64421	EARLY ONSET DELIVERY-DEL	65231	TRANSVER/OBLIQ LIE-DELIV
65100	TWIN PREGNANCY-UNSPEC	65233	TRANSV/OBLIQ LIE-ANTEPAR
65101	TWIN PREGNANCY-DELIVERED	65240	FACE/BROW PRESENT-UNSPEC
65103	TWIN PREGNANCY-ANTEPART	65241	FACE/BROW PRESENT-DELIV
65110	TRIPLET PREGNANCY-UNSPEC	65243	FACE/BROW PRES-ANTEPART
65111	TRIPLET PREGNANCY-DELIV	65260	MULT GEST MALPRESEN-UNSP
65113	TRIPLET PREG-ANTEPARTUM	65261	MULT GEST MALPRES-DELIV
65120	QUADRUPLET PREG-UNSPEC	65263	MULT GES MALPRES-ANTEPAR
65121	QUADRUPLET PREG-DELIVER	65640	INTRAUTERINE DEATH-UNSP
65123	QUADRUPLET PREG-ANTEPART	65641	INTRAUTER DEATH-DELIVER
65130	TWINS W FETAL LOSS-UNSP	65643	INTRAUTER DEATH-ANTEPART
65131	TWINS W FETAL LOSS-DEL	66050	LOCKED TWINS-UNSPECIFIED
65133	TWINS W FETAL LOSS-ANTE	66051	LOCKED TWINS-DELIVERED
65140	TRIPLETS W FET LOSS-UNSP	66053	LOCKED TWINS-ANTEPARTUM
65141	TRIPLETS W FET LOSS-DEL	66230	DELAY DEL 2ND TWIN-UNSP
65143	TRIPLETS W FET LOSS-ANTE	66231	DELAY DEL 2ND TWIN-DELIV
65150	QUADS W FETAL LOSS-UNSP	66233	DELAY DEL 2 TWIN-ANTEPAR
65151	QUADS W FETAL LOSS-DEL	66960	BREECH EXTR NOS-UNSPEC
65153	QUADS W FETAL LOSS-ANTE	66961	BREECH EXTR NOS-DELIVER
65160	MULT GES W FET LOSS-UNSP	67810	FETAL CONJOIN TWINS-UNSP
65161	MULT GES W FET LOSS-DEL	67811	FETAL CONJOIN TWINS-DEL
65163	MULT GES W FET LOSS-ANTE	67813	FETAL CONJOIN TWINS-ANTE
65180	MULTI GESTAT NEC-UNSPEC	7615	MULT PREGNANCY AFF NB
65181	MULTI GESTAT NEC-DELIVER	V271	DELIVER-SINGLE STILLBORN
65183	MULTI GEST NEC-ANTEPART	V272	DELIVER-TWINS, BOTH LIVE
65190	MULTI GESTAT NOS-UNSPEC	V273	DEL-TWINS, 1 NB, 1 SB
65191	MULT GESTATION NOS-DELIV	V274	DELIVER-TWINS, BOTH SB
65193	MULTI GEST NOS-ANTEPART	V275	DEL-MULT BIRTH, ALL LIVE
65220	BREECH PRESENTAT-UNSPEC	V276	DEL-MULT BRTH, SOME LIVE
65221	BREECH PRESENTAT-DELIVER	V277	DEL-MULT BIRTH, ALL SB
65223	BREECH PRESENT-ANTEPART		

Breech procedure codes: (PRCSE3P)

7251	PART BRCH EXTRAC W FORCP	7253	TOT BRCH EXTRAC W FORCEP
7252	PART BREECH EXTRACT NEC	7254	TOT BREECH EXTRAC NEC