

Cesarean Delivery Rate

Inpatient Quality Indicators #21

Technical Specifications

Provider-Level Indicator

Procedure Utilization Indicator

AHRQ Quality Indicators, Version 4.3, August 2011

Version 4.3a is a maintenance release of Version 4.3. The differences between the two versions are:

- Version 4.3a includes Version 29 of the Limited License edition of the 3M™ APR-DRG Grouper. This grouper corrects an issue found in Version 28 of the Limited License edition of the 3M™ APR-DRG Grouper. The grouper is only used with the Inpatient Quality Indicator (IQI) mortality measures. Version 4.3 includes Version 28 of the Limited License edition of the 3M™ APR-DRG Grouper, which was incorrectly assigning a Risk of Mortality (ROM) subclass for cases dated on or after 10/1/10.
- Version 4.3a allows users to calculate area-level indicators for years 2010 and 2011, correcting an issue previously identified in Version 4.3.

All other aspects of the software, including measure specifications, remain the same. Thus this document (related to Version 4.3) remains unchanged.

Numerator

Number of Cesarean deliveries, identified by DRG, MS-DRG, or by ICD-9-CM procedure codes if they are reported without a hysterotomy procedure, among cases meeting the inclusion and exclusion rules for the denominator.

ICD-9-CM Cesarean delivery DRG codes:

370	CESAREAN SECTION W CC	371	CESAREAN SECTION W/O CC
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ICD-9-CM Cesarean delivery MS-DRG codes:

765	CESAREAN SECTION W CC/MCC	766	CESAREAN SECTION W/O CC/MCC
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ICD-9-CM Cesarean delivery procedure codes:

740	CLASSICAL C-SECTION	744	CESAREAN SECTION NEC
741	LOW CERVICAL C-SECTION	7499	CESAREAN SECTION NOS
742	EXTRAPERITONEAL C-SECT		

Exclude:

ICD-9-CM Hysterotomy procedure code:

7491	HYSTEROTOMY TO TERMIN PG
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Denominator

All deliveries.

ICD-9-CM Delivery DRG codes:

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

ICD-9-CM Delivery MS-DRG codes:

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

Exclude cases:

- any diagnosis of abnormal presentation, preterm, fetal death, multiple gestation diagnosis codes
- breech procedure codes
- with missing discharge disposition (DISP=missing), gender (SEX=missing), age (AGE=missing), quarter (DQTR=missing), year (YEAR=missing) or principal diagnosis (DX1=missing)

ICD-9-CM Abnormal presentation, preterm, fetal death and multiple gestation diagnosis codes:

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 CONJOINED TWINS, UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE (OCT08)
65161	MULT GES W FET LOSS-DEL		
65163	MULT GES W FET LOSS-ANTE	67811	FETAL CONJOINED TWINS, DELIVERED, WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION (OCT08)
65180	MULTI GESTAT NEC-UNSPEC		
65181	MULTI GESTAT NEC-DELIVER	67813	FETAL CONJOINED TWINS, ANTEPARTUM CONDITION OR COMPLICATIONS (OCT08)
65183	MULTI GEST NEC-ANTEPART		
65190	MULTI GESTAT NOS-UNSPEC	7615	MULT PREGNANCY AFF NB
65191	MULT GESTATION NOS-DELIV	V271	DELIVER-SINGLE STILLBORN
65193	MULTI GEST NOS-ANTEPART	V272	DELIVER-TWINS, BOTH LIVE
65220	BREECH PRESENTAT-UNSPEC	V273	DEL-TWINS, 1 NB, 1 SB
65221	BREECH PRESENTAT-DELIVER		
65223	BREECH PRESENT-ANTEPART		

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V274 DELIVER-TWINS, BOTH SB
V275 DEL-MULT BIRTH, ALL LIVE

V276 DEL-MULT BRTH, SOME LIVE
V277 DEL-MULT BIRTH, ALL SB

ICD-9-CM Breech procedure codes:

7251 PART BRCH EXTRAC W FORCP
7252 PART BREECH EXTRACT NEC

7253 TOT BRCH EXTRAC W FORCEP
7254 TOT BREECH EXTRAC NEC