

Hysterectomy Rate

Inpatient Quality Indicators #28

Technical Specifications

Area-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

Female discharges age 18 years and older with a hysterectomy procedure.

ICD-9-CM Hysterectomy procedure codes:

683	SUBTOT ABD HYSTERECTOMY	6859	OTH VAG HYS (OCT96)
6831	LAP SCERVIC HYSTERECTOMY (OCT03)	686	RADICAL ABD HYSTERECTOMY
6839	OTH SUBTOT ABD HYSTERECT (OCT03)	6861	LAP RADICAL ABDOMNL HYST (OCT06)
684	TOTAL ABD HYSTERECTOMY	6869	RADICAL ABD HYST NEC/NOS (OCT06)
6841	LAP TOTAL ABDOMINAL HYST (OCT06)	6871	LAP RADICAL VAGINAL HYST (OCT06)
6849	TOTAL ABD HYST NEC/NOS (OCT06)	6879	RADICAL VAG HYST NEC/NOS (OCT06)
685	VAGINAL HYSTERECTOMY (OCT06)	687	RADICAL VAG HYSTERECTOMY
6851	LAPAR ASSIST VAG HYS (OCT06)	689	HYSTERECTOMY NEC/NOS

Exclude cases:

- with genital cancer in any diagnosis field
- with pelvic or lower abdominal trauma in any diagnosis field
- MDC 14 (pregnancy, childbirth, and puerperium)
- 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 Female genital cancer diagnosis codes:

179	MALIG NEOPL UTERUS NOS	1820	MALIG NEO CORPUS UTERI
1800	MALIG NEO ENDOCERVIX	1821	MAL NEO UTERINE ISTHMUS
1801	MALIG NEO EXOCERVIX	1828	MAL NEO BODY UTERUS NEC
1808	MALIG NEO CERVIX NEC	1830	MALIGN NEOPL OVARY
1809	MAL NEO CERVIX UTERI NOS	1832	MAL NEO FALLOPIAN TUBE
181	MALIGNANT NEOPL PLACENTA	1833	MAL NEO BROAD LIGAMENT

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1834	MALIG NEO PARAMETRIUM	2331	CA IN SITU CERVIX UTERI
1835	MAL NEO ROUND LIGAMENT	2332	CA IN SITU UTERUS NEC
1838	MAL NEO ADNEXA NEC	2333	CA IN SITU FEM GEN NEC
1839	MAL NEO ADNEXA NOS	23330	CA IN SITU FEM GEN NOS
1840	MALIGN NEOPL VAGINA	23331	CARCINOMA IN SITU VAGINA
1841	MAL NEO LABIA MAJORA	23332	CARCINOMA IN SITU VULVA
1842	MAL NEO LABIA MINORA	23339	CA IN SITU FEM GEN NEC
1843	MALIGN NEOPL CLITORIS	2360	UNCERT BEHAV NEO UTERUS
1844	MALIGN NEOPL VULVA NOS	2361	UNC BEHAV NEO PLACENTA
1848	MAL NEO FEMALE GENIT NEC	2362	UNC BEHAV NEO OVARY
1849	MAL NEO FEMALE GENIT NOS	2363	UNC BEHAV NEO FEMALE NEC

ICD-9-CM Pelvic or lower abdominal trauma diagnosis codes:

8674	UTERUS INJURY-CLOSED	86819	INTRA-ABDOM INJ NEC-OPEN
8675	UTERUS INJURY-OPEN	8690	INTERNAL INJ NOS-CLOSED
8676	PELVIC ORGAN INJ NEC-CL	8691	INTERNAL INJURY NOS-OPEN
8677	PELVIC ORGAN INJ NEC-OPN	8796	OPEN WOUND OF TRUNK NEC
8678	PELVIC ORGAN INJ NOS-CL	8797	OPEN WND TRUNK NEC-COMPL
8679	PELVIC ORGAN INJ NOS-OPN	8798	OPEN WOUND SITE NOS
86800	INTRA-ABDOM INJ NOS-CLOS	8799	OPN WOUND SITE NOS-COMPL
86803	PERITONEUM INJURY-CLOSED	9060	LT EFF OPN WND HEAD/TRNK
86804	RETROPERITONEUM INJ-CL	9081	LATE EFF INT INJ ABDOMEN
86809	INTRA-ABDOM INJ NEC-CLOS	9082	LATE EFF INT INJURY NEC
86810	INTRA-ABDOM INJ NOS-OPEN	9391	FOREIGN BODY UTERUS
86813	PERITONEUM INJURY-OPEN	9474	BURN OF VAGINA & UTERUS
86814	RETROPERITONEUM INJ-OPEN		

Denominator

Discharges in the numerator are assigned to the denominator based on the Metro Area¹ or county of the patient residence, not the Metro Area or county of the hospital where the discharge occurred.

¹ The term "metropolitan area" (MA) was adopted by the U.S. Census in 1990 and referred collectively to metropolitan statistical areas (MSAs), consolidated metropolitan statistical areas (CMSAs), and primary metropolitan statistical areas (PMSAs). In addition, "area" could refer to either 1) FIPS county, 2) modified FIPS county, 3) 1999 OMB Metropolitan Statistical Area, or 4) 2003 OMB Metropolitan Statistical Area. Micropolitan Statistical Areas are not used in the QI software.