



## **Inpatient Quality Indicator 28 (IQI 28) Hysterectomy Rate**

**March 2017**

**Area-Level Indicator**

**Type of Score: Rate**

**Prepared by:**

Agency for Healthcare Research and Quality

U.S. Department of Health and Human Services

[www.qualityindicators.ahrq.gov](http://www.qualityindicators.ahrq.gov)

### **DESCRIPTION**

Hysterectomy discharges per 100,000 female population, ages 18 and older. Excludes genital cancer discharges, pelvic or lower-abdominal trauma discharges, and obstetric discharges.

*[NOTE: The software provides the rate per population. However, common practice reports the measure as per 100,000 population. The user must multiply the rate obtained from the software by 100,000 to report discharges per 100,000 population.]*

**NUMERATOR**

Female discharges, for patients ages 18 years and older, with any-listed ICD-9-CM procedure codes for hysterectomy.

***Hysterectomy procedure codes: (PRHYSTP)***

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

**NUMERATOR EXCLUSIONS**

Exclude cases:

- with any-listed ICD-9-CM diagnosis codes for female genital cancer
- with any-listed ICD-9-CM diagnosis codes for pelvic or lower abdominal trauma
- MDC 14 (pregnancy, childbirth, and puerperium)
- with missing gender (SEX=missing), age (AGE=missing), quarter (DQTR=missing), year (YEAR=missing) or principal diagnosis (DX1=missing)

***Female genital cancer diagnosis codes: (PRHYSID)***

179	MALIG NEOPL UTERUS NOS	1841	MAL NEO LABIA MAJORA
1800	MALIG NEO ENDOCERVIX	1842	MAL NEO LABIA MINORA
1801	MALIG NEO EXOCERVIX	1843	MALIGN NEOPL CLITORIS
1808	MALIG NEO CERVIX NEC	1844	MALIGN NEOPL VULVA NOS
1809	MAL NEO CERVIX UTERI NOS	1848	MAL NEO FEMALE GENIT NEC
181	MALIGNANT NEOPL PLACENTA	1849	MAL NEO FEMALE GENIT NOS
1820	MALIG NEO CORPUS UTERI	2331	CA IN SITU CERVIX UTERI
1821	MAL NEO UTERINE ISTHMUS	2332	CA IN SITU UTERUS NEC
1828	MAL NEO BODY UTERUS NEC	2333	CA IN SITU FEM GEN NEC
1830	MALIGN NEOPL OVARY	23330	CA IN SITU FEM GEN NOS
1832	MAL NEO FALLOPIAN TUBE	23331	CARCINOMA IN SITU VAGINA
1833	MAL NEO BROAD LIGAMENT	23332	CARCINOMA IN SITU VULVA
1834	MALIG NEO PARAMETRIUM	23339	CA IN SITU FEM GEN NEC
1835	MAL NEO ROUND LIGAMENT	2360	UNCERT BEHAV NEO UTERUS
1838	MAL NEO ADNEXA NEC	2361	UNC BEHAV NEO PLACENTA
1839	MAL NEO ADNEXA NOS	2362	UNC BEHAV NEO OVARY
1840	MALIGN NEOPL VAGINA	2363	UNC BEHAV NEO FEMALE NEC

***Pelvic or lower abdominal trauma diagnosis codes: (PRHYS2D)***

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**

Female population ages 18 years and older in metropolitan area<sup>1</sup> or county. Discharges in the numerator are assigned to the denominator based on the metropolitan area or county of the patient residence, not the metropolitan area or county of the hospital where the discharge occurred.

<sup>1</sup> 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.