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 HYYS (OCT96) |
| 6831        LAP SCERVIC HYSTERECTOMY   | 686        RADICAL ABD HYSTERECTOMY |
| 6839        OTH SUBTOT ABD HYSTERECT   | 6861       LAP RADICAL ABDOMNL HYST (OCT06) |
| 684         TOTAL ABD HYSTERECTOMY     | 6869        RADICAL ABD HYST NEC/NOS (OCT06) |
| 6841        LAP TOTAL ABDOMINAL HYST   | 6871        LAP RADICAL VAGINAL HYST (OCT06) |
| 6849        TOTAL ABD HYST NEC/NOS    | 6879        RADICAL VAG HYST NEC/NOS (OCT06) |
| 685         VAGINAL HYSTERECTOMY       | 687        RADICAL VAG HYSTERECTOMY |
| 6851        LAPAR ASSIST VAG HYYS (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 MALIG NEOPL OVARY |
| 1809  MAL NEO CERVIX UTERI NOS               | 1832 MAL NEO FALLOPIAN TUBE |
| 181   MALIGNANT NEOPL PLACENTA               | 1833 MAL NEO BROAD LIGAMENT |
AHRQ QI, Inpatient Quality Indicators #28, Technical Specifications,
Hysterectomy Rate
www.qualityindicators.ahrq.gov

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.