



AHRQ Quality Indicators™ (AHRQ QI™) ICD-10-CM/PCS Specification Version 6.0

Inpatient Quality Indicator 28 (IQI 28) Hysterectomy Rate

July 2016
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

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 admissions per 100,000 population.]

NUMERATOR

Female discharges, for patients ages 18 years and older, with any-listed ICD-10-PCS procedure codes for hysterectomy.

Hysterectomy procedure codes: (PRHYSTP)

0UT90ZZ Resection of Uterus, Open Approach

0UT98ZZ Resection of Uterus, Via Natural or Artificial Opening Endoscopic

0UT94ZZ Resection of Uterus, Percutaneous Endoscopic Approach

0UT9FZZ Resection of Uterus, Via Natural or Artificial Opening With Percutaneous Endoscopic Assistance

0UT97ZZ Resection of Uterus, Via Natural or Artificial Opening

NUMERATOR EXCLUSIONS

Exclude cases:

- with any-listed ICD-10-CM diagnosis codes for female genital cancer
- with any-listed ICD-10-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)

C510	Malignant neoplasm of labium majus	C5720	Malignant neoplasm of unspecified round ligament
C511	Malignant neoplasm of labium minus	C5721	Malignant neoplasm of right round ligament
C512	Malignant neoplasm of clitoris	C5722	Malignant neoplasm of left round ligament
C518	Malignant neoplasm of overlapping sites of vulva	C573	Malignant neoplasm of parametrium
C519	Malignant neoplasm of vulva, unspecified	C574	Malignant neoplasm of uterine adnexa, unspecified
C52	Malignant neoplasm of vagina	C577	Malignant neoplasm of other specified female genital organs
C530	Malignant neoplasm of endocervix	C578	Malignant neoplasm of overlapping sites of female genital organs
C531	Malignant neoplasm of exocervix	C579	Malignant neoplasm of female genital organ, unspecified
C538	Malignant neoplasm of overlapping sites of cervix uteri	C58	Malignant neoplasm of placenta
C539	Malignant neoplasm of cervix uteri, unspecified	D060	Carcinoma in situ of endocervix
C540	Malignant neoplasm of isthmus uteri	D061	Carcinoma in situ of exocervix
C541	Malignant neoplasm of endometrium	D067	Carcinoma in situ of other parts of cervix
C542	Malignant neoplasm of myometrium	D069	Carcinoma in situ of cervix, unspecified

C543	Malignant neoplasm of fundus uteri	D070	Carcinoma in situ of endometrium
C548	Malignant neoplasm of overlapping sites of corpus uteri	D071	Carcinoma in situ of vulva
C549	Malignant neoplasm of corpus uteri, unspecified	D072	Carcinoma in situ of vagina
C55	Malignant neoplasm of uterus, part unspecified	D0730	Carcinoma in situ of unspecified female genital organs
C561	Malignant neoplasm of right ovary	D0739	Carcinoma in situ of other female genital organs
C562	Malignant neoplasm of left ovary	D390	Neoplasm of uncertain behavior of uterus
C569	Malignant neoplasm of unspecified ovary	D3910	Neoplasm of uncertain behavior of unspecified ovary
C5700	Malignant neoplasm of unspecified fallopian tube	D3911	Neoplasm of uncertain behavior of right ovary
C5701	Malignant neoplasm of right fallopian tube	D3912	Neoplasm of uncertain behavior of left ovary
C5702	Malignant neoplasm of left fallopian tube	D392	Neoplasm of uncertain behavior of placenta
C5710	Malignant neoplasm of unspecified broad ligament	D398	Neoplasm of uncertain behavior of other specified female genital organs
C5711	Malignant neoplasm of right broad ligament	D399	Neoplasm of uncertain behavior of female genital organ, unspecified
C5712	Malignant neoplasm of left broad ligament		

Pelvic or lower abdominal trauma diagnosis codes: (PRHYS2D)

S31000S	Unspecified open wound of lower back and pelvis without penetration into retroperitoneum, sequela	S3681XS	Injury of peritoneum, sequela
S31001A	Unspecified open wound of lower back and pelvis with penetration into retroperitoneum, initial encounter	S36892A	Contusion of other intra-abdominal organs, initial encounter

S31001S	Unspecified open wound of lower back and pelvis with penetration into retroperitoneum, sequela	S36892S	Contusion of other intra-abdominal organs, sequela
S31010A	Laceration without foreign body of lower back and pelvis without penetration into retroperitoneum, initial encounter	S36893A	Laceration of other intra-abdominal organs, initial encounter
S31010S	Laceration without foreign body of lower back and pelvis without penetration into retroperitoneum, sequela	S36893S	Laceration of other intra-abdominal organs, sequela
S31011A	Laceration without foreign body of lower back and pelvis with penetration into retroperitoneum, initial encounter	S36898A	Other injury of other intra-abdominal organs, initial encounter
S31011S	Laceration without foreign body of lower back and pelvis with penetration into retroperitoneum, sequela	S36898S	Other injury of other intra-abdominal organs, sequela
S31020A	Laceration with foreign body of lower back and pelvis without penetration into retroperitoneum, initial encounter	S36899A	Unspecified injury of other intra-abdominal organs, initial encounter
S31020S	Laceration with foreign body of lower back and pelvis without penetration into retroperitoneum, sequela	S36899S	Unspecified injury of other intra-abdominal organs, sequela
S31021A	Laceration with foreign body of lower back and pelvis with penetration into retroperitoneum, initial encounter	S3690XA	Unspecified injury of unspecified intra-abdominal organ, initial encounter
S31021S	Laceration with foreign body of lower back and pelvis with penetration into retroperitoneum, sequela	S3690XS	Unspecified injury of unspecified intra-abdominal organ, sequela
S31030A	Puncture wound without foreign body of lower back and pelvis without penetration into retroperitoneum, initial encounter	S3692XA	Contusion of unspecified intra-abdominal organ, initial encounter

S31030S	Puncture wound without foreign body of lower back and pelvis without penetration into retroperitoneum, sequela	S3692XS	Contusion of unspecified intra-abdominal organ, sequela
S31031A	Puncture wound without foreign body of lower back and pelvis with penetration into retroperitoneum, initial encounter	S3693XA	Laceration of unspecified intra-abdominal organ, initial encounter
S31031S	Puncture wound without foreign body of lower back and pelvis with penetration into retroperitoneum, sequela	S3693XS	Laceration of unspecified intra-abdominal organ, sequela
S31040A	Puncture wound with foreign body of lower back and pelvis without penetration into retroperitoneum, initial encounter	S3699XA	Other injury of unspecified intra-abdominal organ, initial encounter
S31040S	Puncture wound with foreign body of lower back and pelvis without penetration into retroperitoneum, sequela	S3699XS	Other injury of unspecified intra-abdominal organ, sequela
S31041A	Puncture wound with foreign body of lower back and pelvis with penetration into retroperitoneum, initial encounter	S37401A	Unspecified injury of ovary, unilateral, initial encounter
S31041S	Puncture wound with foreign body of lower back and pelvis with penetration into retroperitoneum, sequela	S37401S	Unspecified injury of ovary, unilateral, sequela
S31050A	Open bite of lower back and pelvis without penetration into retroperitoneum, initial encounter	S37402A	Unspecified injury of ovary, bilateral, initial encounter
S31050S	Open bite of lower back and pelvis without penetration into retroperitoneum, sequela	S37402S	Unspecified injury of ovary, bilateral, sequela
S31051A	Open bite of lower back and pelvis with penetration into retroperitoneum, initial encounter	S37409A	Unspecified injury of ovary, unspecified, initial encounter

S31051S	Open bite of lower back and pelvis with penetration into retroperitoneum, sequela	S37409S	Unspecified injury of ovary, unspecified, sequela
S31600A	Unspecified open wound of abdominal wall, right upper quadrant with penetration into peritoneal cavity, initial encounter	S37421A	Contusion of ovary, unilateral, initial encounter
S31600S	Unspecified open wound of abdominal wall, right upper quadrant with penetration into peritoneal cavity, sequela	S37421S	Contusion of ovary, unilateral, sequela
S31601A	Unspecified open wound of abdominal wall, left upper quadrant with penetration into peritoneal cavity, initial encounter	S37422A	Contusion of ovary, bilateral, initial encounter
S31601S	Unspecified open wound of abdominal wall, left upper quadrant with penetration into peritoneal cavity, sequela	S37422S	Contusion of ovary, bilateral, sequela
S31602A	Unspecified open wound of abdominal wall, epigastric region with penetration into peritoneal cavity, initial encounter	S37429A	Contusion of ovary, unspecified, initial encounter
S31602S	Unspecified open wound of abdominal wall, epigastric region with penetration into peritoneal cavity, sequela	S37429S	Contusion of ovary, unspecified, sequela
S31603A	Unspecified open wound of abdominal wall, right lower quadrant with penetration into peritoneal cavity, initial encounter	S37431A	Laceration of ovary, unilateral, initial encounter
S31603S	Unspecified open wound of abdominal wall, right lower quadrant with penetration into peritoneal cavity, sequela	S37431S	Laceration of ovary, unilateral, sequela
S31604A	Unspecified open wound of abdominal wall, left lower quadrant with penetration into peritoneal cavity, initial encounter	S37432A	Laceration of ovary, bilateral, initial encounter

S31604S	Unspecified open wound of abdominal wall, left lower quadrant with penetration into peritoneal cavity, sequela	S37432S	Laceration of ovary, bilateral, sequela
S31605A	Unspecified open wound of abdominal wall, periumbilic region with penetration into peritoneal cavity, initial encounter	S37439A	Laceration of ovary, unspecified, initial encounter
S31605S	Unspecified open wound of abdominal wall, periumbilic region with penetration into peritoneal cavity, sequela	S37439S	Laceration of ovary, unspecified, sequela
S31609A	Unspecified open wound of abdominal wall, unspecified quadrant with penetration into peritoneal cavity, initial encounter	S37491A	Other injury of ovary, unilateral, initial encounter
S31609S	Unspecified open wound of abdominal wall, unspecified quadrant with penetration into peritoneal cavity, sequela	S37491S	Other injury of ovary, unilateral, sequela
S31610A	Laceration without foreign body of abdominal wall, right upper quadrant with penetration into peritoneal cavity, initial encounter	S37492A	Other injury of ovary, bilateral, initial encounter
S31610S	Laceration without foreign body of abdominal wall, right upper quadrant with penetration into peritoneal cavity, sequela	S37492S	Other injury of ovary, bilateral, sequela
S31611A	Laceration without foreign body of abdominal wall, left upper quadrant with penetration into peritoneal cavity, initial encounter	S37499A	Other injury of ovary, unspecified, initial encounter
S31611S	Laceration without foreign body of abdominal wall, left upper quadrant with penetration into peritoneal cavity, sequela	S37499S	Other injury of ovary, unspecified, sequela
S31612A	Laceration without foreign body of abdominal wall, epigastric region with penetration into peritoneal cavity, initial encounter	S37501A	Unspecified injury of fallopian tube, unilateral, initial encounter

S31612S	Laceration without foreign body of abdominal wall, epigastric region with penetration into peritoneal cavity, sequela	S37501S	Unspecified injury of fallopian tube, unilateral, sequela
S31613A	Laceration without foreign body of abdominal wall, right lower quadrant with penetration into peritoneal cavity, initial encounter	S37502A	Unspecified injury of fallopian tube, bilateral, initial encounter
S31613S	Laceration without foreign body of abdominal wall, right lower quadrant with penetration into peritoneal cavity, sequela	S37502S	Unspecified injury of fallopian tube, bilateral, sequela
S31614A	Laceration without foreign body of abdominal wall, left lower quadrant with penetration into peritoneal cavity, initial encounter	S37509A	Unspecified injury of fallopian tube, unspecified, initial encounter
S31614S	Laceration without foreign body of abdominal wall, left lower quadrant with penetration into peritoneal cavity, sequela	S37509S	Unspecified injury of fallopian tube, unspecified, sequela
S31615A	Laceration without foreign body of abdominal wall, periumbilic region with penetration into peritoneal cavity, initial encounter	S37511A	Primary blast injury of fallopian tube, unilateral, initial encounter
S31615S	Laceration without foreign body of abdominal wall, periumbilic region with penetration into peritoneal cavity, sequela	S37511S	Primary blast injury of fallopian tube, unilateral, sequela
S31619A	Laceration without foreign body of abdominal wall, unspecified quadrant with penetration into peritoneal cavity, initial encounter	S37512A	Primary blast injury of fallopian tube, bilateral, initial encounter
S31619S	Laceration without foreign body of abdominal wall, unspecified quadrant with penetration into peritoneal cavity, sequela	S37512S	Primary blast injury of fallopian tube, bilateral, sequela
S31620A	Laceration with foreign body of abdominal wall, right upper quadrant with penetration into peritoneal cavity, initial encounter	S37519A	Primary blast injury of fallopian tube, unspecified, initial encounter

S31620S	Laceration with foreign body of abdominal wall, right upper quadrant with penetration into peritoneal cavity, sequela	S37519S	Primary blast injury of fallopian tube, unspecified, sequela
S31621A	Laceration with foreign body of abdominal wall, left upper quadrant with penetration into peritoneal cavity, initial encounter	S37521A	Contusion of fallopian tube, unilateral, initial encounter
S31621S	Laceration with foreign body of abdominal wall, left upper quadrant with penetration into peritoneal cavity, sequela	S37521S	Contusion of fallopian tube, unilateral, sequela
S31622A	Laceration with foreign body of abdominal wall, epigastric region with penetration into peritoneal cavity, initial encounter	S37522A	Contusion of fallopian tube, bilateral, initial encounter
S31622S	Laceration with foreign body of abdominal wall, epigastric region with penetration into peritoneal cavity, sequela	S37522S	Contusion of fallopian tube, bilateral, sequela
S31623A	Laceration with foreign body of abdominal wall, right lower quadrant with penetration into peritoneal cavity, initial encounter	S37529A	Contusion of fallopian tube, unspecified, initial encounter
S31623S	Laceration with foreign body of abdominal wall, right lower quadrant with penetration into peritoneal cavity, sequela	S37529S	Contusion of fallopian tube, unspecified, sequela
S31624A	Laceration with foreign body of abdominal wall, left lower quadrant with penetration into peritoneal cavity, initial encounter	S37531A	Laceration of fallopian tube, unilateral, initial encounter
S31624S	Laceration with foreign body of abdominal wall, left lower quadrant with penetration into peritoneal cavity, sequela	S37531S	Laceration of fallopian tube, unilateral, sequela
S31625A	Laceration with foreign body of abdominal wall, periumbilic region with penetration into peritoneal cavity, initial encounter	S37532A	Laceration of fallopian tube, bilateral, initial encounter

S31625S	Laceration with foreign body of abdominal wall, periumbilic region with penetration into peritoneal cavity, sequela	S37532S	Laceration of fallopian tube, bilateral, sequela
S31629A	Laceration with foreign body of abdominal wall, unspecified quadrant with penetration into peritoneal cavity, initial encounter	S37539A	Laceration of fallopian tube, unspecified, initial encounter
S31629S	Laceration with foreign body of abdominal wall, unspecified quadrant with penetration into peritoneal cavity, sequela	S37539S	Laceration of fallopian tube, unspecified, sequela
S31630A	Puncture wound without foreign body of abdominal wall, right upper quadrant with penetration into peritoneal cavity, initial encounter	S37591A	Other injury of fallopian tube, unilateral, initial encounter
S31630S	Puncture wound without foreign body of abdominal wall, right upper quadrant with penetration into peritoneal cavity, sequela	S37591S	Other injury of fallopian tube, unilateral, sequela
S31631A	Puncture wound without foreign body of abdominal wall, left upper quadrant with penetration into peritoneal cavity, initial encounter	S37592A	Other injury of fallopian tube, bilateral, initial encounter
S31631S	Puncture wound without foreign body of abdominal wall, left upper quadrant with penetration into peritoneal cavity, sequela	S37592S	Other injury of fallopian tube, bilateral, sequela
S31632A	Puncture wound without foreign body of abdominal wall, epigastric region with penetration into peritoneal cavity, initial encounter	S37599A	Other injury of fallopian tube, unspecified, initial encounter
S31632S	Puncture wound without foreign body of abdominal wall, epigastric region with penetration into peritoneal cavity, sequela	S37599S	Other injury of fallopian tube, unspecified, sequela
S31633A	Puncture wound without foreign body of abdominal wall, right lower quadrant with penetration into peritoneal cavity, initial encounter	S3760XA	Unspecified injury of uterus, initial encounter

S31633S	Puncture wound without foreign body of abdominal wall, right lower quadrant with penetration into peritoneal cavity, sequela	S3760XS	Unspecified injury of uterus, sequela
S31634A	Puncture wound without foreign body of abdominal wall, left lower quadrant with penetration into peritoneal cavity, initial encounter	S3762XA	Contusion of uterus, initial encounter
S31634S	Puncture wound without foreign body of abdominal wall, left lower quadrant with penetration into peritoneal cavity, sequela	S3762XS	Contusion of uterus, sequela
S31635A	Puncture wound without foreign body of abdominal wall, periumbilic region with penetration into peritoneal cavity, initial encounter	S3763XA	Laceration of uterus, initial encounter
S31635S	Puncture wound without foreign body of abdominal wall, periumbilic region with penetration into peritoneal cavity, sequela	S3763XS	Laceration of uterus, sequela
S31639A	Puncture wound without foreign body of abdominal wall, unspecified quadrant with penetration into peritoneal cavity, initial encounter	S3769XA	Other injury of uterus, initial encounter
S31639S	Puncture wound without foreign body of abdominal wall, unspecified quadrant with penetration into peritoneal cavity, sequela	S3769XS	Other injury of uterus, sequela
S31640A	Puncture wound with foreign body of abdominal wall, right upper quadrant with penetration into peritoneal cavity, initial encounter	S37892A	Contusion of other urinary and pelvic organ, initial encounter
S31640S	Puncture wound with foreign body of abdominal wall, right upper quadrant with penetration into peritoneal cavity, sequela	S37892S	Contusion of other urinary and pelvic organ, sequela
S31641A	Puncture wound with foreign body of abdominal wall, left upper quadrant with penetration into peritoneal cavity, initial encounter	S37893A	Laceration of other urinary and pelvic organ, initial encounter

S31641S	Puncture wound with foreign body of abdominal wall, left upper quadrant with penetration into peritoneal cavity, sequela	S37893S	Laceration of other urinary and pelvic organ, sequela
S31642A	Puncture wound with foreign body of abdominal wall, epigastric region with penetration into peritoneal cavity, initial encounter	S37898A	Other injury of other urinary and pelvic organ, initial encounter
S31642S	Puncture wound with foreign body of abdominal wall, epigastric region with penetration into peritoneal cavity, sequela	S37898S	Other injury of other urinary and pelvic organ, sequela
S31643A	Puncture wound with foreign body of abdominal wall, right lower quadrant with penetration into peritoneal cavity, initial encounter	S37899A	Unspecified injury of other urinary and pelvic organ, initial encounter
S31643S	Puncture wound with foreign body of abdominal wall, right lower quadrant with penetration into peritoneal cavity, sequela	S37899S	Unspecified injury of other urinary and pelvic organ, sequela
S31644A	Puncture wound with foreign body of abdominal wall, left lower quadrant with penetration into peritoneal cavity, initial encounter	S3790XA	Unspecified injury of unspecified urinary and pelvic organ, initial encounter
S31644S	Puncture wound with foreign body of abdominal wall, left lower quadrant with penetration into peritoneal cavity, sequela	S3790XS	Unspecified injury of unspecified urinary and pelvic organ, sequela
S31645A	Puncture wound with foreign body of abdominal wall, periumbilic region with penetration into peritoneal cavity, initial encounter	S3792XA	Contusion of unspecified urinary and pelvic organ, initial encounter
S31645S	Puncture wound with foreign body of abdominal wall, periumbilic region with penetration into peritoneal cavity, sequela	S3792XS	Contusion of unspecified urinary and pelvic organ, sequela
S31649A	Puncture wound with foreign body of abdominal wall, unspecified quadrant with penetration into peritoneal cavity, initial encounter	S3793XA	Laceration of unspecified urinary and pelvic organ, initial encounter

S31649S	Puncture wound with foreign body of abdominal wall, unspecified quadrant with penetration into peritoneal cavity, sequela	S3793XS	Laceration of unspecified urinary and pelvic organ, sequela
S31650A	Open bite of abdominal wall, right upper quadrant with penetration into peritoneal cavity, initial encounter	S3799XA	Other injury of unspecified urinary and pelvic organ, initial encounter
S31650S	Open bite of abdominal wall, right upper quadrant with penetration into peritoneal cavity, sequela	S3799XS	Other injury of unspecified urinary and pelvic organ, sequela
S31651A	Open bite of abdominal wall, left upper quadrant with penetration into peritoneal cavity, initial encounter	S38211S	Complete traumatic amputation of female external genital organs, sequela
S31651S	Open bite of abdominal wall, left upper quadrant with penetration into peritoneal cavity, sequela	S38212S	Partial traumatic amputation of female external genital organs, sequela
S31652A	Open bite of abdominal wall, epigastric region with penetration into peritoneal cavity, initial encounter	S383XXA	Transection (partial) of abdomen, initial encounter
S31652S	Open bite of abdominal wall, epigastric region with penetration into peritoneal cavity, sequela	S383XXS	Transection (partial) of abdomen, sequela
S31653A	Open bite of abdominal wall, right lower quadrant with penetration into peritoneal cavity, initial encounter	S39021A	Laceration of muscle, fascia and tendon of abdomen, initial encounter
S31653S	Open bite of abdominal wall, right lower quadrant with penetration into peritoneal cavity, sequela	S39021S	Laceration of muscle, fascia and tendon of abdomen, sequela
S31654A	Open bite of abdominal wall, left lower quadrant with penetration into peritoneal cavity, initial encounter	S39022A	Laceration of muscle, fascia and tendon of lower back, initial encounter

S31654S	Open bite of abdominal wall, left lower quadrant with penetration into peritoneal cavity, sequela	S39022S	Laceration of muscle, fascia and tendon of lower back, sequela
S31655A	Open bite of abdominal wall, periumbilic region with penetration into peritoneal cavity, initial encounter	S39023A	Laceration of muscle, fascia and tendon of pelvis, initial encounter
S31655S	Open bite of abdominal wall, periumbilic region with penetration into peritoneal cavity, sequela	S39023S	Laceration of muscle, fascia and tendon of pelvis, sequela
S31659A	Open bite of abdominal wall, unspecified quadrant with penetration into peritoneal cavity, initial encounter	T193XXA	Foreign body in uterus, initial encounter
S31659S	Open bite of abdominal wall, unspecified quadrant with penetration into peritoneal cavity, sequela	T283XXA	Burn of internal genitourinary organs, initial encounter
S3681XA	Injury of peritoneum, initial encounter	T288XXA	Corrosion of internal genitourinary organs, initial encounter

DENOMINATOR

Female population ages 18 years and older in metropolitan area† 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.

† 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.