

Pancreatic Resection Volume

Technical Specifications

Inpatient Quality Indicators #2 (IQI #2)

AHRQ Quality Indicators™, Version 5.0

March 2015

Provider-Level Indicator

Type of Score: Volume

Description

The number of hospital discharges with a procedure of partial or total pancreatic resection for patients 18 years and older or obstetric patients. Excludes acute pancreatitis admissions.

Numerator

Overall:

Discharges, for patients ages 18 years and older or MDC 14 (pregnancy, childbirth, and puerperium), with any-listed ICD-9-CM procedure codes for partial pancreatic resection or any-listed ICD-9-CM procedure codes for total pancreatic resection.

ICD-9-CM Partial pancreatic resection procedure codes:

5251	PROXIMAL PANCREATECTOMY	5253	RAD SUBTOT PANCREATECTOM
5252	DISTAL PANCREATECTOMY	5259	PARTIAL PANCREATECT NEC

ICD-9-CM Total pancreatic resection procedure codes:

526	TOTAL PANCREATECTOMY
527	RAD PANCREATICODUODENECT

Exclude cases:

- with any-listed ICD-9-CM diagnosis codes for acute pancreatitis
- with missing gender (SEX=missing), age (AGE=missing), quarter (DQTR=missing), year (YEAR=missing) or principal diagnosis (DX1=missing)

ICD-9-CM Acute pancreatitis diagnosis code:

5770	ACUTE PANCREATITIS	0723	MUMPS PANCREATITIS
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Stratification of Indicator

The indicator is presented in two strata based on the presence or absence of pancreatic cancer diagnosis.

Stratum A:

Discharges, for patients ages 18 years and older or MDC 14 (pregnancy, childbirth, and puerperium), with either

- any-listed ICD-9-CM procedure codes for partial pancreatic resection (see above) and any-listed ICD-9-CM diagnosis codes for pancreatic cancer; or
- any-listed ICD-9-CM procedure codes for total pancreatic resection (see above) and any-listed ICD-9-CM diagnosis codes for pancreatic cancer

ICD-9-CM Pancreatic cancer diagnosis codes:

1520	MALIGNANT NEOPL DUODENUM	1572	MAL NEO PANCREAS TAIL
1561	MAL NEO EXTRAHEPAT DUCTS	1573	MAL NEO PANCREATIC DUCT
1562	MAL NEO AMPULLA OF VATER	1574	MAL NEO ISLET LANGERHANS
1570	MAL NEO PANCREAS HEAD	1578	MALIG NEO PANCREAS NEC
1571	MAL NEO PANCREAS BODY	1579	MALIG NEO PANCREAS NOS

Exclude cases:

- with any-listed ICD-9-CM diagnosis codes for acute pancreatitis (see above)
- with missing gender (SEX=missing), age (AGE=missing), quarter (DQTR=missing), year (YEAR=missing) or principal diagnosis (DX1=missing)

Stratum B:

Discharges, for patients ages 18 years and older or MDC 14 (pregnancy, childbirth, and puerperium), with either:

- any-listed ICD-9-CM procedure codes for partial pancreatic resection (see above) without any-listed ICD-9-CM diagnosis codes for pancreatic cancer (see above); or
- any-listed ICD-9-CM procedure codes for total pancreatic resection (see above) without any-listed ICD-9-CM diagnosis codes for pancreatic cancer (see above)

Exclude cases:

- with any-listed ICD-9-CM diagnosis codes for acute pancreatitis (see above)
- with missing gender (SEX=missing), age (AGE=missing), quarter (DQTR=missing), year (YEAR=missing) or principal diagnosis (DX1=missing)

Denominator

Overall:

Not applicable.

Stratum A:

Not applicable.

Stratum B:

Not applicable.