



**AHRQ Quality Indicators™ (AHRQ QI™)
ICD-9-CM and ICD-10-CM/PCS
Specification Enhanced Version 5.0**

**Inpatient Quality Indicators #2 (IQI #2)
Pancreatic Resection Volume**

**October 2015
Provider-Level Indicator
Type of Score: Volume**

Prepared by:

Agency for Healthcare Research and Quality
U.S. Department of Health and Human Services
540 Gaither Road
Rockville, MD 20850
www.qualityindicators.ahrq.gov

IQI #2 Pancreatic Resection Volume

| DESCRIPTION |
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| 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. |
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IQI #2 Pancreatic Resection Volume

| NUMERATOR OVERALL | | | |
|--|--------------------------|-------------------|---|
| Discharges, for patients ages 18 years and older or MDC 14 (pregnancy, childbirth, and puerperium), with any-listed ICD-9-CM or ICD-10-PCS procedure codes for partial pancreatic resection or any-listed ICD-9-CM or ICD-10-PCS procedure codes for total pancreatic resection. | | | |
| <i>Partial pancreatic resection procedure codes: (PRPAN3P)</i> | | | |
| ICD-9-CM | Description | ICD-10-PCS | Description |
| 5251 | Proximal pancreatectomy | 0FBG0ZZ | Excision of Pancreas, Open Approach |
| 5252 | Distal pancreatectomy | 0FBG3ZZ | Excision of Pancreas, Percutaneous Approach |
| 5253 | Rad subtot pancreatectom | 0FBG4ZZ | Excision of Pancreas, Percutaneous Endoscopic Approach |
| 5259 | Partial pancreatect NEC | | |
| <i>Total pancreatic resection procedure codes: (PRPANCP)</i> | | | |
| ICD-9-CM | Description | ICD-10-PCS | Description |
| 526 | TOTAL PANCREATECTOMY | 0FTG0ZZ | Resection of Pancreas, Open Approach |
| 527 | RAD PANCREATICODUODENECT | 0FTG4ZZ | Resection of Pancreas, Percutaneous Endoscopic Approach |

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NUMERATOR OVERALL EXCLUSIONS

Exclude cases:

- with any-listed ICD-9-CM or ICD-10-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)

Acute pancreatitis diagnosis code: (PRPAN2D)

| ICD-9-CM | Description | ICD-10-CM | Description |
|----------|--------------------|-----------|------------------------------------|
| 5770 | Acute pancreatitis | B252 | Cytomegaloviral pancreatitis |
| 0723 | Mumps Pancreatitis | B263 | Mumps pancreatitis |
| | | K850 | Idiopathic acute pancreatitis |
| | | K851 | Biliary acute pancreatitis |
| | | K852 | Alcohol induced acute pancreatitis |
| | | K853 | Drug induced acute pancreatitis |
| | | K858 | Other acute pancreatitis |
| | | K859 | Acute pancreatitis, unspecified |

IQI #2 Pancreatic Resection Volume

NUMERATOR STRATUM A

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

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

- any-listed ICD-9-CM or ICD-10-PCS procedure codes for partial pancreatic resection (see above) and any-listed ICD-9-CM or ICD-10-CM diagnosis codes for pancreatic cancer; or
- any-listed ICD-9-CM or ICD-10-PCS procedure codes for total pancreatic resection (see above) and any-listed ICD-9-CM or ICD-10-CM diagnosis codes for pancreatic cancer

Pancreatic cancer diagnosis codes: (PRPANCD)

| ICD-9-CM | Description | ICD-10-CM | Description |
|----------|--------------------------|-----------|---|
| 1520 | MALIGNANT NEOPL DUODENUM | C170 | Malignant neoplasm of duodenum |
| 1561 | MAL NEO EXTRAHEPAT DUCTS | C240 | Malignant neoplasm of extrahepatic bile duct |
| 1562 | MAL NEO AMPULLA OF VATER | C241 | Malignant neoplasm of ampulla of Vater |
| 1570 | MAL NEO PANCREAS HEAD | C250 | Malignant neoplasm of head of pancreas |
| 1571 | MAL NEO PANCREAS BODY | C251 | Malignant neoplasm of body of pancreas |
| 1572 | MAL NEO PANCREAS TAIL | C252 | Malignant neoplasm of tail of pancreas |
| 1573 | MAL NEO PANCREATIC DUCT | C253 | Malignant neoplasm of pancreatic duct |
| 1574 | MAL NEO ISLET LANGERHANS | C254 | Malignant neoplasm of endocrine pancreas |
| 1578 | MALIG NEO PANCREAS NEC | C257 | Malignant neoplasm of other parts of pancreas |
| 1579 | MALIG NEO PANCREAS NOS | C258 | Malignant neoplasm of overlapping sites of pancreas |
| | | C259 | Malignant neoplasm of pancreas, unspecified |

IQI #2 Pancreatic Resection Volume

NUMERATOR STRATUM B

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

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

- any-listed ICD-9-CM or ICD-10-PCS procedure codes for partial pancreatic resection (see above) without any-listed ICD-9-CM or ICD-10-CM diagnosis codes for pancreatic cancer (see above); or
- any-listed ICD-9-CM or ICD-10-PCS procedure codes for total pancreatic resection (see above) without any-listed ICD-9-CM or ICD-10-CM diagnosis codes for pancreatic cancer (see above)

IQI #2 Pancreatic Resection Volume

NUMERATOR STRATA EXCLUSIONS

Note: Numerator Exclusions are identical for Stratum A and Stratum B

Exclude cases:

- with any-listed ICD-9-CM or ICD-10-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)

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| DENOMINATOR |
| Note: Denominator is identical for Overall, Stratum A and Stratum B |
| <i>Not Applicable</i> |

IQI #2 Pancreatic Resection Volume

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| DENOMINATOR EXCLUSIONS |
| Note: Denominator Exclusions are identical for Overall, Stratum A and Stratum B |
| <i>Not Applicable</i> |