



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

**Inpatient Quality Indicators #9 (IQI #9)
Pancreatic Resection Mortality Rate**

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Provider-Level Indicator
Type of Score: Rate**

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 #9 Pancreatic Resection Mortality Rate

DESCRIPTION

In-hospital deaths per 1,000 discharges with pancreatic resection, ages 18 years and older. Includes metrics for discharges grouped by type of diagnosis and procedure. Excludes acute pancreatitis discharges, obstetric discharges, and transfers to another hospital.

[NOTE: The software provides the rate per hospital discharge. However, common practice reports the measure as per 1,000 discharges. The user must multiply the rate obtained from the software by 1,000 to report in-hospital deaths per 1,000 hospital discharges.]

Stratification of Indicator:

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

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

NUMERATOR
Note: The Numerator definitions for Overall, Stratum A and Stratum B are identical.
Number of deaths (DISP=20) among cases meeting the inclusion and exclusion rules for the denominator.

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NUMERATOR EXCLUSIONS
<i>Not Applicable</i>

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DENOMINATOR OVERALL

Overall:

Discharges, for patients ages 18 years and older, 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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DENOMINATOR OVERALL EXCLUSIONS

Exclude cases:

- with any-listed ICD-9-CM or ICD-10-CM diagnosis code for acute pancreatitis
- transferring to another short-term hospital (DISP=2)
- 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)

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

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DENOMINATOR STRATUM A			
Discharges, for patients ages 18 years and older, with either:			
<ul style="list-style-type: none"> • 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 			
<i>ICD-9-CM Pancreatic cancer diagnosis codes: (PRPANCD)</i>			
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

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DENOMINATOR STRATUM B

Discharges, for patients ages 18 years and older, 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)

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DENOMINATOR STRATA EXCLUSIONS

Note: The Denominator Exclusions for Stratum A and Stratum B are identical.

Exclude cases:

- with any-listed ICD-9-CM or ICD-10-CM diagnosis code for acute pancreatitis (see above)
- transferring to another short-term hospital (DISP=2)
- 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)