Inpatient Quality Indicator 09 (IQI 09) Pancreatic Resection Mortality Rate
July 2017
Provider-Level Indicator
Type of Score: Rate

Prepared by:

Agency for Healthcare Research and Quality

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www.qualityindicators.ahrq.gov

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

Strata are mutually exclusive. Patients cannot qualify for more than one stratum.

NUMERATOR

Number of deaths (DISP=20) among cases meeting the inclusion and exclusion rules for the denominator.

Note:The indicator is presented in two strata based on the presence or absence of pancreatic cancer diagnosis; The Numerator definitions for Overall, Stratum A and Stratum B are identical.

DENOMINATOR OVERALL

Discharges, for patients ages 18 years and older, with any-listed ICD-10-PCS procedure codes for partial pancreatic resection (***PRPAN3P*** *) or any-listed ICD-10-PCS procedure codes for total pancreatic resection (***PRPANCP*** *).

DENOMINATOR OVERALL EXCLUSIONS

Exclude cases:

• with any-listed ICD-10-CM diagnosis code for acute pancreatitis (***PRPAN2D*** [*])

• 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)

DENOMINATOR STRATUM A: PRESENCE OF PANCREATIC CANCER

Discharges, for patients ages 18 years and older, with either:

• any-listed ICD-10-PCS procedure codes for partial pancreatic resection (***PRPAN3P*** [*]) and any-listed ICD-10-CM diagnosis codes for pancreatic cancer; (***PRPANCD*** [*]) or

• any-listed ICD-10-PCS procedure codes for total pancreatic resection (***PRPANCP*** [*]) and any-listed ICD-10-CM diagnosis codes for pancreatic cancer (***PRPANCD*** [*])

DENOMINATOR STRATUM B: ABSENCE OF PANCREATIC CANCER

Discharges, for patients ages 18 years and older, with either:

• any-listed ICD-10-PCS procedure codes for partial pancreatic resection (***PRPAN3P*** [*]) without any-listed ICD-10-CM diagnosis codes for pancreatic cancer (***PRPANCD*** [*]); or

• any-listed ICD-10-PCS procedure codes for total pancreatic resection (***PRPANCP*** [*]) without any-listed ICD-10-CM diagnosis codes for pancreatic cancer (***PRPANCD*** [*])

DENOMINATOR STRATA EXCLUSIONS

Exclude cases:

• with any-listed ICD-10-CM diagnosis code for acute pancreatitis (***PRPAN2D*** [*])

• 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)

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

[*] See below for code list

Partial pancreatic resection procedure codes: (PRPAN3P)

0FBG0ZZ   Excision of Pancreas, Open Approach

0FBG4ZZ   Excision of Pancreas, Percutaneous Endoscopic Approach

0FBG3ZZ   Excision of Pancreas, Percutaneous Approach

Total pancreatic resection procedure codes: (PRPANCP)

0FTG0ZZ	Resection of Pancreas, Open Approach	0FTG4ZZ	Resection of Pancreas, Percutaneous Endoscopic Approach

Acute pancreatitis diagnosis codes: (PRPAN2D)

B252	Cytomegaloviral pancreatitis	K8522	Alcohol induced acute pancreatitis with infected necrosis
B263	Mumps pancreatitis	K853	Drug induced acute pancreatitis
K850	Idiopathic acute pancreatitis	K8531	Drug induced acute pancreatitis with uninfected necrosis
K8501	Idiopathic acute pancreatitis with uninfected necrosis	K8532	Drug induced acute pancreatitis with infected necrosis
K8502	Idiopathic acute pancreatitis with infected necrosis	K858	Other acute pancreatitis
K851	Biliary acute pancreatitis	K8581	Other acute pancreatitis with uninfected necrosis
K8511	Biliary acute pancreatitis with uninfected necrosis	K8582	Other acute pancreatitis with infected necrosis
K8512	Biliary acute pancreatitis with infected necrosis	K859	Acute pancreatitis, unspecified
K852	Alcohol induced acute pancreatitis	K8591	Acute pancreatitis with uninfected necrosis, unspecified
K8521	Alcohol induced acute pancreatitis with uninfected necrosis	K8592	Acute pancreatitis with infected necrosis, unspecified

Pancreatic cancer diagnosis codes: (PRPANCD)

C170	Malignant neoplasm of duodenum	C253	Malignant neoplasm of pancreatic duct
C240	Malignant neoplasm of extrahepatic bile duct	C254	Malignant neoplasm of endocrine pancreas
C241	Malignant neoplasm of ampulla of Vater	C257	Malignant neoplasm of other parts of pancreas
C250	Malignant neoplasm of head of pancreas	C258	Malignant neoplasm of overlapping sites of pancreas
C251	Malignant neoplasm of body of pancreas	C259	Malignant neoplasm of pancreas, unspecified
C252	Malignant neoplasm of tail of pancreas		