



Inpatient Quality Indicator 09 (IQI 09) Pancreatic Resection Mortality Rate

March 2017

Provider-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

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.

Stratum assignment

Stratum 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-9-CM procedure codes for partial pancreatic resection or any-listed ICD-9-CM procedure codes for total pancreatic

Partial pancreatic resection procedure codes: (PRPAN3P)

5251	Proximal pancreatectomy	5253	Rad subtot pancreatectom
5252	Distal pancreatectomy	5259	Partial pancreatect NEC

Total pancreatic resection procedure codes: (PRPANCP)

526	TOTAL PANCREATECTOMY	527	RAD PANCREATICODUODENECT
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DENOMINATOR STRATUM A: PRESENCE OF PANCREATIC CANCER

Discharges, for patients ages 18 years and older, 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

Pancreatic cancer diagnosis codes: (PRPANCD)

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

DENOMINATOR STRATUM B: ABSENCE OF PANCREATIC CANCER

Discharges, for patients ages 18 years and older, 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)

DENOMINATOR OVERALL EXCLUSIONS

Exclude cases:

- with any-listed ICD-9-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)

5770	Acute pancreatitis	0723	Mumps Pancreatitis
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DENOMINATOR STRATA EXCLUSIONS

Exclude cases:

- with any-listed ICD-9-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)

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