Pancreatic Resection Mortality Rate
Technical Specifications

Inpatient Quality Indicators #9 (IQI #9)
AHRQ Quality Indicators™, Version 4.5, May 2013
Provider-Level Indicator
Type of Score: 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.]

Numerator

Overall:

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

[NOTE: Overall numerator may not match the sum of the strata numerators because the strata may not be mutually exclusive.]

Stratum A:

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

Stratum B:

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

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 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 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)

ICD-9-CM Acute pancreatitis diagnosis code:

5770	ACUTE PANCREATITIS

[NOTE: Overall denominator may not match the sum of the strata denominators because the strata may not be mutually exclusive.]

Stratum A:

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

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 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)

Stratum B:

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)

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)