Pancreatic Resection Volume
Technical Specifications

Inpatient Quality Indicators #2 (IQI #2)
AHRQ Quality Indicators™, Version 5.0
March 2015
Provider-Level Indicator
Type of Score: Volume

Description

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.

Numerator

Overall:

Discharges, for patients ages 18 years and older or MDC 14 (pregnancy, childbirth, and puerperium), 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
- 5252 DISTAL PANCREATECTOMY
- 5253 RAD SUBTOT PANCREATECTOM
- 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 codes for acute pancreatitis
- with 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
- 0723 MUMPS PANCREATITIS

Stratification of Indicator

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

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Diagnosis Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1520</td>
<td>MALIGNANT NEOPL DUODENUM</td>
</tr>
<tr>
<td>1561</td>
<td>MAL NEO EXTRAEHPAT DUCTS</td>
</tr>
<tr>
<td>1562</td>
<td>MAL NEO AMPULLA OF VATER</td>
</tr>
<tr>
<td>1570</td>
<td>MAL NEO PANCREAS HEAD</td>
</tr>
<tr>
<td>1571</td>
<td>MAL NEO PANCREAS BODY</td>
</tr>
<tr>
<td>1572</td>
<td>MAL NEO PANCREAS TAIL</td>
</tr>
<tr>
<td>1573</td>
<td>MAL NEO PANCREATIC DUCT</td>
</tr>
<tr>
<td>1574</td>
<td>MAL NEO ISLET LANGERHANS</td>
</tr>
<tr>
<td>1578</td>
<td>MALIG NEO PANCREAS NEC</td>
</tr>
<tr>
<td>1579</td>
<td>MALIG NEO PANCREAS NOS</td>
</tr>
</tbody>
</table>

Exclude cases:
- with any-listed ICD-9-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)

Stratum B:

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

Denominator

Overall:

Not applicable.

Stratum A:

Not applicable.
Stratum B:

Not applicable.