



AHRQ Quality Indicators™ (AHRQ QI™) ICD-10-CM/PCS Specification Version 6.0

Inpatient Quality Indicator 18 (IQI 18) Gastrointestinal Hemorrhage Mortality Rate

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Provider-Level Indicator

Type of Score: Rate

Prepared by:

Agency for Healthcare Research and Quality

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DESCRIPTION

In-hospital deaths per 1,000 hospital discharges with gastrointestinal hemorrhage as a principal diagnosis for patients age 18 years and older. Excludes 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

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

DENOMINATOR

Discharges, for patients ages 18 years and older, with a principal ICD-10-CM diagnosis code for gastrointestinal hemorrhage.

Gastrointestinal hemorrhage diagnosis codes: (MRTGIHD)

I8501	Esophageal varices with bleeding	K3182	Dieulafoy lesion (hemorrhagic) of stomach and duodenum
I8511	Secondary esophageal varices with bleeding	K50011	Crohns disease of small intestine with rectal bleeding
K2211	Ulcer of esophagus with bleeding	K50111	Crohns disease of large intestine with rectal bleeding
K226	Gastro-esophageal laceration-hemorrhage syndrome	K50811	Crohns disease of both small and large intestine with rectal bleeding
K250	Acute gastric ulcer with hemorrhage	K50911	Crohns disease, unspecified, with rectal bleeding
K252	Acute gastric ulcer with both hemorrhage and perforation	K51011	Ulcerative (chronic) pancolitis with rectal bleeding
K254	Chronic or unspecified gastric ulcer with hemorrhage	K51211	Ulcerative (chronic) proctitis with rectal bleeding
K256	Chronic or unspecified gastric ulcer with both hemorrhage and perforation	K51311	Ulcerative (chronic) rectosigmoiditis with rectal bleeding
K260	Acute duodenal ulcer with hemorrhage	K51411	Inflammatory polyps of colon with rectal bleeding
K262	Acute duodenal ulcer with both hemorrhage and perforation	K51511	Left sided colitis with rectal bleeding
K264	Chronic or unspecified duodenal ulcer with hemorrhage	K51811	Other ulcerative colitis with rectal bleeding

K266	Chronic or unspecified duodenal ulcer with both hemorrhage and perforation	K51911	Ulcerative colitis, unspecified with rectal bleeding
K270	Acute peptic ulcer, site unspecified, with hemorrhage	K5521	Angiodysplasia of colon with hemorrhage
K272	Acute peptic ulcer, site unspecified, with both hemorrhage and perforation	K5701	Diverticulitis of small intestine with perforation and abscess with bleeding
K274	Chronic or unspecified peptic ulcer, site unspecified, with hemorrhage	K5711	Diverticulosis of small intestine without perforation or abscess with bleeding
K276	Chronic or unspecified peptic ulcer, site unspecified, with both hemorrhage and perforation	K5713	Diverticulitis of small intestine without perforation or abscess with bleeding
K280	Acute gastrojejunal ulcer with hemorrhage	K5721	Diverticulitis of large intestine with perforation and abscess with bleeding
K282	Acute gastrojejunal ulcer with both hemorrhage and perforation	K5731	Diverticulosis of large intestine without perforation or abscess with bleeding
K284	Chronic or unspecified gastrojejunal ulcer with hemorrhage	K5733	Diverticulitis of large intestine without perforation or abscess with bleeding
K286	Chronic or unspecified gastrojejunal ulcer with both hemorrhage and perforation	K5741	Diverticulitis of both small and large intestine with perforation and abscess with bleeding
K2901	Acute gastritis with bleeding	K5751	Diverticulosis of both small and large intestine without perforation or abscess with bleeding
K2921	Alcoholic gastritis with bleeding	K5753	Diverticulitis of both small and large intestine without perforation or abscess with bleeding
K2931	Chronic superficial gastritis with bleeding	K5781	Diverticulitis of intestine, part unspecified, with perforation and abscess with bleeding
K2941	Chronic atrophic gastritis with bleeding	K5791	Diverticulosis of intestine, part unspecified, without perforation or abscess with bleeding

K2951	Unspecified chronic gastritis with bleeding	K5793	Diverticulitis of intestine, part unspecified, without perforation or abscess with bleeding
K2961	Other gastritis with bleeding	K625	Hemorrhage of anus and rectum
K2971	Gastritis, unspecified, with bleeding	K6381	Dieulafoy lesion of intestine
K2981	Duodenitis with bleeding	K920	Hematemesis
K2991	Gastroduodenitis, unspecified, with bleeding	K921	Melena
K31811	Angiodysplasia of stomach and duodenum with bleeding	K922	Gastrointestinal hemorrhage, unspecified

DENOMINATOR EXCLUSIONS

Exclude cases:

- 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)