

Gastrointestinal Hemorrhage Mortality Rate Technical Specifications

Inpatient Quality Indicators #18 (IQI #18) AHRQ Quality Indicators™, Version 4.5, May 2013 Provider-Level Indicator Type of Score: Rate

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-9-CM diagnosis code for gastrointestinal hemorrhage.

ICD-9-CM Gastrointestinal hemorrhage diagnosis codes:

4560	ESOPHAG VARICES W BLEED	53240	CHR DUODEN ULCER W HEM
5307	MALLORY-WEISS SYNDROME	53241	CHR DUODEN ULC HEM-OBSTR
53021	ULCER ESOPHAGUS W BLEED	53260	CHR DUODEN ULC HEM/PERF
53082	ESOPHAGEAL HEMORRHAGE	53261	CHR DUOD ULC HEM/PERF-OB
53100	AC STOMACH ULCER W HEM	53300	AC PEPTIC ULCER W HEMORR
53101	AC STOMAC ULC W HEM-OBST	53301	AC PEPTIC ULC W HEM-OBST
53120	AC STOMAC ULC W HEM/PERF	53320	AC PEPTIC ULC W HEM/PERF
53121	AC STOM ULC HEM/PERF-OBS	53321	AC PEPT ULC HEM/PERF-OBS
53140	CHR STOMACH ULC W HEM	53340	CHR PEPTIC ULCER W HEM
53141	CHR STOM ULC W HEM-OBSTR	53341	CHR PEPTIC ULC W HEM-OBS
53160	CHR STOMACH ULC HEM/PERF	53360	CHR PEPT ULC W HEM/PERF
53161	CHR STOM ULC HEM/PERF-OB	53361	CHR PEPT ULC HEM/PERF-OB
53200	AC DUODENAL ULCER W HEM	53400	AC MARGINAL ULCER W HEM
53201	AC DUODEN ULC W HEM-OBST	53401	AC MARGIN ULC W HEM-OBST
53220	AC DUODEN ULC W HEM/PERF	53420	AC MARGIN ULC W HEM/PERF
53221	AC DUOD ULC HEM/PERF-OBS	53421	AC MARG ULC HEM/PERF-OBS

**AHRQ QI™ Version 4.5, Inpatient Quality Indicators #18, Technical Specifications,
Gastrointestinal Hemorrhage Mortality Rate
www.qualityindicators.ahrq.gov**

53440	CHR MARGINAL ULCER W HEM	53784	DIEULAFOY LES,STOM&DUOD
53441	CHR MARGIN ULC W HEM-OBS	56202	DVRTCLO SML INT W HMRHG
53460	CHR MARGIN ULC HEM/PERF	56203	DVRTCLI SML INT W HMRHG
53461	CHR MARG ULC HEM/PERF-OB	56212	DVRTCLO COLON W HMRHG
53501	ACUTE GASTRITIS W HMRHG	56213	DVRTCLI COLON W HMRHG
53511	ATRPH GASTRITIS W HMRHG	5693	RECTAL & ANAL HEMORRHAGE
53521	GSTR MCSL HYPRT W HMRG	56985	ANGIO INTES W HMRHG
53531	ALCHL GSTRITIS W HMRHG	56986	DIEULAFOY LES, INTESTINE
53541	OTH SPF GASTRT W HMRHG	5780	HEMATEMESIS
53551	GSTR/DDNTS NOS W HMRHG	5781	BLOOD IN STOOL
53561	DUODENITIS W HMRHG	5789	GASTROINTEST HEMORR NOS
53783	ANGIO STM/DUDN W HMRHG		

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)