

# Gastrointestinal Hemorrhage Mortality Rate

## Inpatient Quality Indicators #18

### Technical Specifications

#### Provider-Level Indicator

#### Medical Condition Mortality Indicator

#### AHRQ Quality Indicators, Version 4.3, August 2011

### Numerator

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

### Denominator

All discharges, age 18 years and older, with a principal diagnosis code for gastrointestinal hemorrhage.

#### ICD-9-CM Gastrointestinal hemorrhage diagnosis codes:

4560	ESOPH VARICES W HEM	53400	AC MARGINAL ULCER W HEM
5307	GASTROESOPH LACER W HEM	53401	AC MARGIN ULC W HEM-OBST
53021	ULCER ESOPHAGUS W BLEED (OCT03)	53420	AC MARGIN ULC W HEM/PERF
53082	ESOPHAGEAL HEMORRHAGE	53421	AC MARG ULC HEM/PERF-OBS
53100	AC STOMACH ULCER W HEM	53440	CHR MARGINAL ULCER W HEM
53101	AC STOMAC ULC W HEM-OBST	53441	CHR MARGIN ULC W HEM-OBS
53120	AC STOMAC ULC W HEM/PERF	53460	CHR MARGIN ULC HEM/PERF
53121	AC STOM ULC HEM/PERF-OBS	53461	CHR MARG ULC HEM/PERF-OB
53140	CHR STOMACH ULC W HEM	53501	ACUTE GASTRITIS W HMRHG
53141	CHR STOM ULC W HEM-OBSTR	53511	ATRPH GASTRITIS W HMRHG
53160	CHR STOMACH ULC HEM/PERF	53521	GSTR MCSL HYPRT W HMRG
53161	CHR STOM ULC HEM/PERF-OB	53531	ALCHL GSTRITIS W HMRHG
53200	AC DUODENAL ULCER W HEM	53541	OTH SPF GASTRT W HMRHG
53201	AC DUODEN ULC W HEM-OBST	53551	GSTR/DDNTS NOS W HMRHG
53220	AC DUODEN ULC W HEM/PERF	53561	DUODENITIS W HMRHG
53221	AC DUOD ULC HEM/PERF-OBS	53783	ANGIO STM/ DUDN W HMRHG
53240	CHR DUODEN ULCER W HEM	53784	DIEULAFOY LES,STOM&DUOD (OCT02)
53241	CHR DUODEN ULC HEM-OBSTR	56202	DVRTCLO SML INT W HMRHG
53260	CHR DUODEN ULC HEM/PERF	56203	DVRTCLI SML INT W HMRHG
53261	CHR DUOD ULC HEM/PERF-OB	56212	DVRTCLO COLON W HMRHG
53300	AC PEPTIC ULCER W HEMORR	56213	DVRTCLI COLON W HMRHG
53301	AC PEPTIC ULC W HEM-OBST	5693	RECTAL & ANAL HEMORRHAGE
53320	AC PEPTIC ULC W HEM/PERF	56985	ANGIO INTES W HMRHG
53321	AC PEPT ULC HEM/PERF-OBS	56986	DIEULAFOY LES, INTESTINE (OCT02)
53340	CHR PEPTIC ULCER W HEM	5780	HEMATEMESIS
53341	CHR PEPTIC ULC W HEM-OBS	5781	BLOOD IN STOOL
53360	CHR PEPT ULC W HEM/PERF	5789	GASTROINTEST HEMORR NOS
53361	CHR PEPT ULC HEM/PERF-OB		

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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)