

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

Version 4.3a is a maintenance release of Version 4.3. The differences between the two versions are:

- Version 4.3a includes Version 29 of the Limited License edition of the 3M™ APR-DRG Grouper. This grouper corrects an issue found in Version 28 of the Limited License edition of the 3M™ APR-DRG Grouper. The grouper is only used with the Inpatient Quality Indicator (IQI) mortality measures. Version 4.3 includes Version 28 of the Limited License edition of the 3M™ APR-DRG Grouper, which was incorrectly assigning a Risk of Mortality (ROM) subclass for cases dated on or after 10/1/10.
- Version 4.3a allows users to calculate area-level indicators for years 2010 and 2011, correcting an issue previously identified in Version 4.3.

All other aspects of the software, including measure specifications, remain the same. Thus this document (related to Version 4.3) remains unchanged.

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	53240	CHR DUODEN ULCER W HEM
5307	GASTOESOPH LACER W HEM	53241	CHR DUODEN ULC HEM-OBSTR
53021	ULCER ESOPHAGUS W BLEED (OCT03)	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

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53440	CHR MARGINAL ULCER W HEM	53784	DIEULAFOY LES,STOM&DUOD (OCT02)
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 (OCT02)
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)