

Congestive Heart Failure (CHF) Mortality Rate

Inpatient Quality Indicators #16 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 of CHF.

ICD-9-CM CHF diagnosis codes:

39891	RHEUMATIC HEART FAILURE	42821	AC SYSTOLIC HRT FAILURE (OCT02)
40201	MAL HYPERT HRT DIS W CHF	42822	CHR SYSTOLIC HRT FAILURE (OCT02)
40211	BENIGN HYP HRT DIS W CHF	42823	AC ON CHR SYST HRT FAIL (OCT02)
40291	HYPERTEN HEART DIS W CHF	4289	HEART FAILURE NOS
40401	MAL HYPER HRT/REN W CHF	42830	DIASTOLIC HRT FAILURE NOS (OCT02)
40403	MAL HYP HRT/REN W CHF&RF	42831	AC DIASTOLIC HRT FAILURE (OCT02)
40411	BEN HYPER HRT/REN W CHF	42832	CHR DIASTOLIC HRT FAIL (OCT02)
40413	BEN HYP HRT/REN W CHF&RF	42833	AC ON CHR DIAST HRT FAIL (OCT02)
40491	HYPER HRT/REN NOS W CHF	42840	SYST/DIAST HRT FAIL NOS (OCT02)
40493	HYP HT/REN NOS W CHF&RF	42841	AC SYST/DIASTOL HRT FAIL (OCT02)
4280	CONGESTIVE HEART FAILURE	42842	CHR SYST/DIASTL HRT FAIL (OCT02)
4281	LEFT HEART FAILURE	42843	AC/CHR SYST/DIA HRT FAIL (OCT02)
42820	SYSTOLIC HEART FAILURE NOS (OCT02)		

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)