

Mortality for Selected Procedures

Inpatient Quality Indicators #90 (IQI #90)

March 2017

Provider-Level Indicator

Type of Score: Ratio

Description

The weighted average of the observed-to-expected ratios for the following component indicators:

- IQI #8 Esophageal Resection Mortality Rate
- IQI #9 Pancreatic Resection Mortality Rate
- IQI #11 Abdominal Aortic Aneurism (AAA) Repair Mortality Rate
- IQI #12 Coronary Artery Bypass Graft (CABG) Mortality Rate
- IQI #13 Craniotomy Mortality Rate
- IQI #14 Hip Replacement Mortality Rate
- IQI #30 Percutaneous Coronary Intervention (PCI) Mortality Rate
- IQI #31 Carotid Endarterectomy Mortality Rate

The weights include component weights and shrinkage weights. The component weights are denominator weights, defined as the relative frequency of the denominators for the component indicators in the reference population. The shrinkage weights are the signal-to-noise ratio, where the signal variance is estimated from the reference population, and the noise variance is estimated from the user's data and is unique to each provider in the user's data.

For more information, see *Quality Indicator Empirical Methods*.