

**Agency for Healthcare Research and Quality  
Inpatient Quality Indicators (IQIs)**

**Updates to Version 2.1, Revision 3 – ICD-9-CM Coding Updates**

**July 21, 2004**

The following changes were implemented in version 2.1, revision 3, of the IQI software (both SAS and SPSS) and reflect changes to indicator definitions based on updates to ICD-9-CM codes for Fiscal Year 2004 (effective 10-1-2003). All changes noted below have been incorporated into the software syntax, software documentation and the Guide to Inpatient Quality Indicators. With this software update, the IQI software definitions now incorporate ICD-9-CM codes valid from October 1, 1994 through September 30, 2004.

<b>Indicator Module</b>	<b>Indicator Name (#)</b>	<b>Component</b>	<b>Change</b>
IQI	Pediatric Heart Surgery Volume (IQI #3)	Numerator (Inclusion, Congenital Heart Disease)	Code (FY 2004) 37.5 “heart transplantation” was modified to require a fourth digit. As a result, new codes 37.51 “heart transplantation” and 37.52 “implantation of total replacement heart system” were added to the base definition (congenital heart disease procedures 1P) for pediatric heart surgery volume. ICD-9 code 37.5 remains in the definition for compatibility with earlier years of data, but is no longer valid as of October 1, 2003.
IQI	Pediatric Heart Surgery Mortality (IQI #10)	Denominator (Exclusion, Heart Transplant)	Code (FY 2004) 37.5 “heart transplantation” was modified to require a fourth digit. As a result, new codes 37.51 “heart transplantation” and 37.52 “implantation of total replacement heart system” were added to the exclusions for pediatric heart surgery mortality.
IQI	Gastrointestinal Hemorrhage Mortality Rate (IQI #18).	Denominator (Inclusion, Gastrointestinal Hemorrhage)	New code (FY 2004) 530.21 “ulcer of esophagus with bleeding” was added to the denominator definition. This change may result in a comparability issue with preceding years since 530.2 was not previously included in the definition of GI hemorrhage.
IQI	Pneumonia Mortality Rate (IQI #20)	Denominator (Inclusion, Pneumonia)	New code (FY 2004) 480.3 “Pneumonia due to SARS-associated coronavirus” was added to the denominator definition for viral pneumonia.

<b>Indicator Module</b>	<b>Indicator Name (#)</b>	<b>Component</b>	<b>Change</b>
IQI	Bilateral Cardiac Cathererization Rate (IQI #25).	Denominator (Inclusion, Coronary Artery Disease)	New code (FY 2004) 414.07 "coronary atherosclerosis of bypass graft of transplanted heart" was added to the denominator definition for coronary artery disease.
IQI	Hysterectomy Area Rate (IQI #28)	Numerator (Inclusion, Hysterectomy)	New category (68.3: subtotal abdominal hysterectomy) and new codes (FY 2004) 68.31 "laparoscopic supracervical hysterectomy" and 68.39 "other subtotal abdominal hysterectomy" were added to the numerator definition for hysterectomy area rate.
IQI	Laminectomy Area Rate (IQI #29)	Numerator (Inclusion, Laminectomy)	New codes (FY 2004) available to specify the number of vertebrae fused (81.62, 81.63 and 81.64) were added to the numerator for laminectomy area rate. These codes should appear when code 81.61 is used, since 81.61 includes a "code also" instruction.