

# Transfusion Reaction Volume

## Patient Safety Indicators #16

### Technical Specifications

#### Provider-Level Indicator

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

(Revised September 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

Discharges 18 years and older or in MDC 14 with ICD-9-CM codes for transfusion reaction in any secondary diagnosis field of all medical and surgical discharges defined by specific DRGs or MS-DRGs.

#### ICD-9-CM Transfusion reaction diagnosis codes:

9996	ABO INCOMPATIBILITY REACTION	99970	RH INCOMPAT REACTION NOS
99960	ABO INCOMPATIBILITY REACTION NOS	99971	RH INCOMP/HTR NEC
99961	ABO INCOMP/HTR NEC	99972	RH INCOMPAT/ACUTE HTR
99962	ABO INCOMPAT/ACUTE HTR	99973	RH INCOMPAT/DELAY HTR
99963	ABO INCOMPAT/DELAY HTR	99974	RH INCOMPAT REACTION NEC
99969	ABO INCOMPAT REACTN NEC	E8760	MISMATCHED BLOOD IN TRANSFUSION
9997	RH INCOMPATIBILITY REACTION		

See *Patient Safety Indicators Appendices*:

- Appendix B – Medical Discharge DRGs
- Appendix C – Medical Discharge MS-DRGs
- Appendix D – Surgical Discharge DRGs
- Appendix E – Surgical Discharge MS-DRGs

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Exclude cases:

- with principal diagnosis of transfusion reaction or secondary diagnosis present on admission
- with missing gender (SEX=missing), age (AGE=missing), quarter (DQTR=missing), year (YEAR=missing) or principal diagnosis (DX1=missing)

## **Denominator**

Not applicable.