

Transfusion Reaction Count

Technical Specifications

Patient Safety Indicators 16 (PSI 16)

AHRQ Quality Indicators™, Version 4.5a, July 2014
Provider-Level Indicator
Type of Score: Count

Description

The number of medical and surgical discharges with a secondary diagnosis of transfusion reaction for patients ages 18 years and older or obstetric patients. Excludes cases with a principal diagnosis of transfusion reaction or cases with a secondary diagnosis of transfusion reaction that is present on admission.

Numerator

Surgical and medical discharges, for patients ages 18 years and older or MDC 14 (pregnancy, childbirth, and puerperium), with any secondary ICD-9-CM diagnosis codes for transfusion reaction. Surgical and medical discharges are defined by specific DRG or MS-DRG codes.

ICD-9-CM Transfusion reaction diagnosis codes¹:

9996	<i>ABO INCOMPATIBILITY REACTION (end 2010)</i>	9997	RH INCOMPATIBILITY REACTION
99960	ABO INCOMPAT REACT NOS	99970	RH INCOMPAT REACTION NOS
99961	ABO INCOMP/HTR NEC	99971	RH INCOMP/HTR NEC
99962	ABO INCOMPAT/ACUTE HTR	99972	RH INCOMPAT/ACUTE HTR
99963	ABO INCOMPAT REACTN NEC	99973	RH INCOMPAT/DELAY HTR
99969	ABO INCOMPAT REACTN NEC	99974	RH INCOMPAT REACTION NEC
		E8760	MISMATCHED BLOODTRANSFUSN

¹The procedure or diagnosis codes are continuously updated. The current list of ICD-9-CM codes is valid for October 2012 through September 2013. Italicized codes are not active in Fiscal Year 2013.

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

Exclude cases:

- with a principal ICD-9-CM diagnosis code (or secondary diagnosis present on admission) for transfusion reaction (see above)
- with missing gender (SEX=missing), age (AGE=missing), quarter (DQTR=missing), year (YEAR=missing), or principal diagnosis (DX1=missing)

Denominator

Not applicable.