



**AHRQ Quality Indicators™ (AHRQ QI™)
ICD-9-CM and ICD-10-CM/PCS
Specification Enhanced Version 5.0**

**Patient Safety Indicators #16 (PSI #16)
Transfusion Reaction Count**

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Provider-Level Indicator
Type of Score: Count**

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PSI #16 Transfusion Reaction 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.

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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 or ICD-10-CM diagnosis codes for transfusion reaction. Surgical and medical discharges are defined by specific DRG or MS-DRG codes.			
<u>Appendix B - Medical Discharge DRGs</u>			
<u>Appendix C - Medical Discharge MS-DRGs</u>			
<u>Appendix D - Surgical Discharge DRGs</u>			
<u>Appendix E - Surgical Discharge MS-DRGs</u>			
Transfusion reaction diagnosis codes: (TRANFID)			
ICD-9-CM	Description	ICD-10-CM	Description
9996	ABO INCOMPATIBILITY REACTION	T8030XA	ABO incompatibility reaction due to transfusion of blood or blood products, unspecified, initial encounter
99960	ABO INCOMPAT REACT NOS	T80310A	ABO incompatibility with acute hemolytic transfusion reaction, initial encounter
99961	ABO INCOMP/HTR NEC	T80311A	ABO incompatibility with delayed hemolytic transfusion reaction, initial encounter
99962	ABO INCOMPAT/ACUTE HTR	T80319A	ABO incompatibility with hemolytic transfusion reaction, unspecified, initial encounter
99963	ABO INCOMPAT/DELAY HTR	T8039XA	Other ABO incompatibility reaction due to transfusion of blood or blood products, initial encounter
99969	ABO INCOMPAT REACTN NEC	T8040XA	Rh incompatibility reaction due to transfusion of blood or blood products, unspecified, initial encounter
9997	RH INCOMPATIBILITY REACTION	T80410A	Rh incompatibility with acute hemolytic transfusion reaction, initial encounter

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99970	RH INCOMPAT REACTION NOS	T80411A	Rh incompatibility with delayed hemolytic transfusion reaction, initial encounter
99971	RH INCOMP/HTR NEC	T80419A	Rh incompatibility with hemolytic transfusion reaction, unspecified, initial encounter
99972	RH INCOMPAT/ACUTE HTR	T8049XA	Other Rh incompatibility reaction due to transfusion of blood or blood products, initial encounter
99973	RH INCOMPAT/DELAY HTR	Y650	Mismatched blood in transfusion
99974	RH INCOMPAT REACTION NEC		

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NUMERATOR EXCLUSIONS

Exclude cases:

- with a principal ICD-9-CM or ICD-10-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)

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DENOMINATOR
<i>Not Applicable</i>

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DENOMINATOR EXCLUSIONS
<i>Not Applicable</i>