



# **Patient Safety Indicator 16 (PSI 16) Transfusion Reaction Count June 2018 Provider-Level Indicator Type of Score: Count**

## **Prepared by:**

Agency for Healthcare Research and Quality

U.S. Department of Health and Human Services

[www.qualityindicators.ahrq.gov](http://www.qualityindicators.ahrq.gov)

## **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 (*Appendix E: SURGI2R*) and medical discharges (*Appendix C: MEDIC2R*) for patients ages 18 years and older or MDC 14 (pregnancy, childbirth, and puerperium), with any secondary ICD-10-CM diagnosis codes for transfusion reaction (*TRANFID*<sup>\*</sup>). Surgical and medical discharges are defined by specific MS-DRG codes.

[\*Appendix C - Medical Discharge MS-DRGs\*](#)

[\*Appendix E - Surgical Discharge MS-DRGs\*](#)

## **NUMERATOR EXCLUSIONS**

Exclude cases:

- with a principal ICD-10-CM diagnosis code (or secondary diagnosis present on admission) for transfusion reaction (*TRANFID*<sup>\*</sup>)
- with missing gender (SEX=missing), age (AGE=missing), quarter (DQTR=missing), year (YEAR=missing), or principal diagnosis (DX1=missing)

\* See below for code list

***Transfusion reaction diagnosis codes: (TRANFID)***

T8030XA	ABO incompatibility reaction due to transfusion of blood or blood products, unspecified, initial encounter	T8040XA	Rh incompatibility reaction due to transfusion of blood or blood products, unspecified, initial encounter
T80310A	ABO incompatibility with acute hemolytic transfusion reaction, initial encounter	T80410A	Rh incompatibility with acute hemolytic transfusion reaction, initial encounter
T80311A	ABO incompatibility with delayed hemolytic transfusion reaction, initial encounter	T80411A	Rh incompatibility with delayed hemolytic transfusion reaction, initial encounter
T80319A	ABO incompatibility with hemolytic transfusion reaction, unspecified, initial encounter	T80419A	Rh incompatibility with hemolytic transfusion reaction, unspecified, initial encounter
T8039XA	Other ABO incompatibility reaction due to transfusion of blood or blood products, initial encounter	T8049XA	Other Rh incompatibility reaction due to transfusion of blood or blood products, initial encounter