



Patient Safety Indicator 16 (PSI 16) Transfusion Reaction Count

June 2017

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

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 MS-DRG codes.

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

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

Transfusion reaction diagnosis codes: (TRANFID)

9996	Abo incompatibility reaction	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 incomp/acute htr	99972	Rh incomp/acute htr
99963	Abo incomp/delay htr	99973	Rh incomp/delay htr
99969	Abo incomp reactn nec	99974	Rh incomp reaction nec

NUMERATOR EXCLUSIONS

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)