## Central Venous Catheter-Related Blood Stream Infections Rate

## Patient Safety Indicators #7 Technical Specifications Provider-Level Indicator AHRQ Quality Indicators, Version 4.3, August 2011

## Numerator

Discharges with selected infections defined by specific ICD-9-CM codes and secondary diagnosis field among cases meeting the inclusion and exclusion rules for the denominator. For discharges prior to October 1, 2007:

ICD-9-CM Hospital-associated infection diagnosis codes: 99662 DUE TO OTHER VASCULAR DEVICE, 9993 OTHER INFECTION IMPLANT, AND GRAFT For discharges on or after October 1, 2007:

ICD-9-CM Central line-associated blood stream infection diagnosis code:

99931 INFECTION DUE TO CENTRAL VENOUS CATHETER

## Denominator

All surgical and medical discharges, 18 years and older **or** MDC 14 (pregnancy, childbirth, and puerperium), defined by specific DRGs or MS-DRGs.

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 principal diagnosis of selected infections or secondary diagnosis present on admission
- with length of stay less than 2 days
- with any diagnosis or procedure code for immunocompromised state
- with any diagnosis of cancer
- with missing gender (SEX=missing), age (AGE=missing), quarter (DQTR=missing), year (YEAR=missing) or principal diagnosis (DX1=missing)

See Patient Safety Indicators Appendices:

- Appendix H Cancer Diagnosis Codes
- Appendix I Immunocompromised State Diagnosis and Procedure Codes