

Catheter-Associated Urinary Tract Infection (CAUTI)

- **Data source:** CDC’s National Healthcare Safety Network (NHSN), Device-Associated Module
- **Definition:** <http://www.cdc.gov/nhsn/pdfs/pscManual/7pscCAUTIcurrent.pdf>
- **5-Year (2013) National Prevention Target:** 25% reduction in CAUTI in intensive care unit (ICU) and ward-located patients [i.e., national Standardized Infection Ratio (SIR) for CAUTI = 0.75]
- **Metric:** SIR
 - The SIR compares the observed number of healthcare-associated infections (HAIs) in the U.S. during a reporting period with the baseline U.S. experience
 - Risk adjustment: this metric adjusts for a variety of predictors of CAUTI
 - SIR < 1.00 means fewer HAIs observed during the reporting period than predicted from baseline data; SIR > 1.00 means more HAIs observed than predicted
- **Baseline period:** 2009
- **Baseline data:** CAUTI data reported to NHSN during 2009 from all acute care hospitals (ICUs and wards only)
 - 639 facilities reporting; 2,642 locations reporting; 40.3% ICU; 3,881,311 catheter-days reported
 - Legislative mandates to report CAUTI data to NHSN was in place at some point before December 2009 in 2 states
- **2010 data:** CAUTI data reported to NHSN during 2010 from all acute care hospitals (excluding neonatal ICUs)
 - 1,005 facilities reporting; 3,662 locations reporting; 40.4% ICU; 4,707,608 catheter-days reported
 - 46 states and Washington, D.C. reporting (42 with >1 facility reporting)
 - 2 states had legislative mandates to report CAUTI data to NHSN that were in place during 2010
 - Validation studies of CAUTI data conducted at state level by 1 state

Measure	Baseline (2009)	2010
National SIR	N/A	0.93 = 8,441 / 9,061 CLABSIs
National % Reduction	N/A	7%

Metric Definitions

A urinary tract infection (UTI) in a patient that had an indwelling urinary catheter at the time of or within 48 hours before onset of the event

UTI: Defined using symptomatic urinary tract infection (SUTI) criteria or Asymptomatic Bacteremic UTI (ABUTI) criteria (*note: criteria were revised Jan 2009*).

Indwelling catheter: A drainage tube that is inserted into the urinary bladder through the urethra, is left in place, and is connected to a closed collection system; also called a Foley catheter.