“National Action Plan to Prevent Healthcare-Associated Infections: Roadmap to Elimination” Data Update
October 2011

#	Metric Title	Comparison Metric	Measurement System	National Baseline	Baseline Information or Notes	National 2013 Target	Progress Information or Notes
1	Central Line-Associated Bloodstream Infections (CLABSI)	CLABSI Standardized Infection Ratio (SIR)	CDC National Healthcare Safety Network (NHSN)	2006-2008	Baseline: 1,385 facilities, 3,972 locations; 62% ICU • 7,434,389 central line-days reported • 48 states reporting 2009: 1,603 facilities; 4,872 locations; 62% ICU	50% reduction in CLABSI in ICU and ward-located patients or 0.50 SIR	2009: **SIR = 0.82** 2010: **SIR = 0.67** (9,716 observed ÷ 14,521 predicted CLABSIs) • ICU SIR = 0.65; non-ICU SIR = 0.74 • 33% fewer CLABSIs reported than predicted • 2,256 facilities reporting • 52% ICU
2	Central Line Insertion Practices (CLIP) Adherence	CLIP adherence percentage	CDC NHSN	2009	• 345 facilities, 743 locations reporting • 70% ICU • 16 states reporting • **92% CLIP adherence**	100% adherence with central line bundle	2010: **94.5% adherence** • 1,309 locations reporting • 55% ICU
3	*Clostridium difficile* Infections	Hospitalizations with *C. difficile* per 1,000 discharges	AHRQ Healthcare Cost and Utilization Project (HCUP)	2008	• **11.7 per 1,000 discharges** • ~35 million hospitalizations • ~4,300 hospitals • 42 states reporting	30% reduction in hospitalizations with *C. difficile* per 1,000 patient discharges	2009: • **11.3 per 1,000 discharges** 2010 (Projected): • **11.5 per 1,000 discharges** 2011 (Projected): • **11.9 per 1,000 discharges**
4	*Clostridium difficile* Infections	*C. difficile* SIR	CDC NHSN	2009-2010	2009: • 250 facilities, 417 locations reporting • 52% facility-wide inpatient; 15% ICU • 25 states reporting 2010 (through Aug): • 389 facilities, 643 locations reporting • 53% facility-wide inpatient; 14% ICU • 27 states reporting	30% reduction in facility-wide healthcare facility-onset *C. difficile* LabID event or 0.70 SIR	2010: • *Part of baseline period* • *Data not yet available*
5	Catheter-Associated Urinary Tract Infections (CAUTI)	CAUTI SIR	CDC NHSN	2009	• 639 facilities, 2,642 locations reporting • 40% ICU • 3,881,311 catheter-days reported	25% reduction in CAUTI in ICU and ward-located patients or 0.75 SIR	2010: **SIR = 0.93** • SIR = 8,441 (observed) ÷ 9,061 (predicted) CAUTIs = 0.93 • 7% fewer CAUTIs reported than predicted • 1,005 facilities reporting from 3,662 locations; 40% ICU

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6	MRSA Invasive Infections (population)	MRSA incidence rate (healthcare-associated) per 100,000 persons	CDC Emerging Infections Program (EIP) Active Bacterial Core Surveillance (ABCs)	2007-2008	• Active laboratory and population-based surveillance for invasive MRSA infections within 9 EIP ABCs catchment areas (~19 million) • **2007-2008 healthcare-associated rate: 26.24/100,000 persons** • Incidence estimation projected to nation, using U.S. Census data, adjusting for age and race	50% reduction in incidence of healthcare-associated invasive MRSA infections	2009: **23.14 per 100,000** • **11.8% reduction** 2010: **21.46 per 100,000** • **18.2% reduction** • Estimated 13,478 fewer cases than baseline
7	MRSA Bacteremia (hospital)	MRSA bacteremia SIR	CDC NHSN	2009-2010	2009: • 508 facilities, 888 locations reporting • 5% facility-wide inpatient; 56% ICU • 50 states reporting 2010 (through Aug): • 612 facilities, 971 locations reporting • 16% facility-wide inpatient; 48% ICU • 50 states reporting	25% reduction in facility-wide healthcare facility-onset MRSA bacteremia LabID event or 0.75 SIR	2010: • *Part of baseline period* • *Data not yet available*
8	Surgical Site Infections (SSI)	SSI SIR	CDC NHSN	2006-2008	• 801 facilities reporting • 613,263 SCIP procedures reported • 43 states reporting ** 2009 SIR estimate updated from previously reported 0.95 as 3 additional facilities reported since last year's report*	25% reduction in admission and readmission SSI or 0.75 SIR	2009: **SIR = 0.98** • 2% fewer SSIs than predicted • 949 facilities reporting* 2010: **SIR = 0.90** • 10% fewer SSIs than predicted • 1,386 facilities reporting

9	Surgical Care Improvement Project (SCIP) Process Measures Adherence	SCIP adherence percentage (SCIP Inf 1, 2, 3, 4, 6)	CMS SCIP	2006-2008	• Based on 3,600-3,700 hospitals reporting per quarter since mid-2006
					• Calendar quarter hospitals required to report each measure for Reporting Hospital Quality Data for Annual Payment Update (RHQDAPU):
					  ○ SCIP Inf 1 – 3Q 2006
					  ○ *SCIP Inf 2 – 1Q 2007*
					  ○ *SCIP Inf 3 – 3Q 2006*
					  ○ *SCIP Inf 4 – 1Q 2008*
					  ○ *SCIP Inf 6 – 1Q 2008*
						95% adherence to process measures to prevent SSI	2009:
							• ***SCIP Inf 1 – 96%***
							• ***SCIP Inf 2 – 98%***
							• ***SCIP Inf 3 – 92%***
							• ***SCIP Inf 4 – 92%***
							• ***SCIP Inf 6 – 99%***
							2010:
							• *Data not yet available*