

Nevada HAI Task Force – May 18, 2018 NHSN Data as of May 11, 2018

SIR for Central Line-Associated BSI Data for Acute Care Hospitals (2015 Baseline) – Overall

Summary Year	Infection Count	Number Predicted	Number Central Line Days	SIR	SIR_pval	Sir95ci
2015	266	281.37	311,683	0.945	0.3766	0.837, 1.064
2016	258	282.97	308,660	0.912	0.1425	0.806, 1.028
2017	288	288.57	315,107	0.998	1.0000	0.888, 1.118

SIR for MRSA Blood FacwideIN LabID data in Acute Care Hospital (2015 Baseline) – Overall

Summary Year	MRSA_bldInc Count	Number Predicted	Number Patient Days	SIR	SIR_pval	Sir95ci
2015	78	66.085	1,300,577	1.180	0.1493	0.939, 1.465
2016	78	70.688	1,323,153	1.103	0.3825	0.878, 1.370
2017	107	76.342	1,383,027	1.402	0.0011	1.154, 1.687

SIR for Catheter-Associated UTI Data for Acute Care Hospitals (2015 Baseline) – Overall

Summary Year	Infection Count	Number Predicted	Number Catheter Days	SIR	SIR_pval	Sir95ci
2015	215	294.14	281,682	0.731	0.0000	0.638, 0.834
2016	250	297.94	281,667	0.839	0.0049	0.740, 0.948
2017	213	305.83	284,932	0.696	0.0000	0.608, 0.795

Sir for CDI FacwideIN LabID in Acute Care Hospital (2015 Baseline) – Overall

Summary Year	CDIF_facIncHO Count	Number Predicted	Number Patient Days	SIR	SIR_pval	Sir95ci
2015	1071	866.97	1,174,438	1.235	0.0000	1.163, 1.311
2016	1135	936.12	1,209,621	1.212	0.0000	1.143, 1.285
2017	860	918.14	1,276,105	0.937	0.0552	0.876, 1.001

SIR for Adult All SSI Data by Procedure (2015 Baseline) – Overall

This material was prepared by HealthInsight, the Medicare Quality Innovation Network Quality Improvement Organization for Nevada, New Mexico, Oregon and Utah, under contract with the Centers for Medicare & Medicaid Services (CMS), an agency of the U.S. Department of Health and Human Services. The contents presented do not necessarily reflect CMS policy. 11SOW-C3.10-18-06-NV

Summary Year	Procedure Count	Infection Count Adult All	Number Predicted Adult All	SIRAll	SIRAll_pval	SirAll95ci
2015	14,664	234	226.55	1.033	0.6380	0.907, 1.172
2016	14,815	206	231.18	0.891	0.1005	0.776, 1.019
2017	14,835	228	217.88	1.046	0.5104	0.917, 1.189

SIR for Adult All SSI Data by Procedure (2015 Baseline) – Overall, CBGB

Summary Year	Procedure Count	Infection Count Adult All	Number Predicted Adult All	SIRAll	SIRAll_pval	SirAll95ci
2015	1,753	17	17.878	0.951	0.8661	0.572, 1.492
2016	1,648	17	19.235	0.884	0.6325	0.532, 1.386
2017	1,658	18	19.494	0.923	0.7621	0.564, 1.431

SIR for Adult All SSI Data by Procedure (2015 Baseline) – Overall, CBGC

Summary Year	Procedure Count	Infection Count Adult All	Number Predicted Adult All	SIRAll	SIRAll_pval	SirAll95ci
2015	76	1	1.029	0.972	1.0000	0.049, 4.792
2016	155	0	1.955	0.000	0.1416	, 1.532
2017	113	2	1.318	1.518	0.5263	0.255, 5.015

SIR for Adult All SSI Data by Procedure (2015 Baseline) – Overall, COLO

Summary Year	Procedure Count	Infection Count Adult All	Number Predicted Adult All	SIRAll	SIRAll_pval	SirAll95ci
2015	2,490	116	108.39	1.070	0.4891	0.888, 1.279
2016	2,428	113	105.34	1.073	0.4802	0.888, 1.285
2017	2,405	103	99.667	1.033	0.7648	0.848, 1.248

SIR for Adult All SSI Data by Procedure (2015 Baseline) – Overall, HPRO

Summary Year	Procedure Count	Infection Count Adult All	Number Predicted Adult All	SIRAll	SIRAll_pval	SirAll95ci
2015	3,900	46	45.066	1.021	0.8706	0.706, 1.350
2016	4,110	35	50.043	0.699	0.0266	0.495, 0.962
2017	4,042	46	44.181	1.041	0.7673	0.771, 1.377

SIR for Adult All SSI Data by Procedure (2015 Baseline) – Overall, HYST

Summary Year	Procedure Count	Infection Count Adult All	Number Predicted Adult All	SIRAll	SIRAll_pval	SirAll95ci
2015	1,804	23	22.592	1.018	0.9047	0.661, 1.503
2016	1,785	18	23.261	0.774	0.2741	0.473, 1.199
2017	1,811	18	22.969	0.784	0.3004	0.479, 1.215

SIR for Adult All SSI Data by Procedure (2015 Baseline) – Overall, KPRO

Summary Year	Procedure Count	Infection Count Adult All	Number Predicted Adult All	SIRAll	SIRAll_pval	SirAll95ci
2015	4,641	31	31.596	0.981	0.9391	0.678, 1.376
2016	4,689	23	31.343	0.734	0.1269	0.476, 1.084
2017	4,806	41	30.254	1.355	0.0608	0.985, 1.821

SIR for Adult Complex AR SSI Data by Procedure (2015 Baseline) – Overall

Summary Year	Procedure Count	Infection Count Adult Complex	Number Predicted Adult Complex	SIRComplex	SIRComplex_pval	SirComplex95ci
2015	14,664	145	120.24	1.206	0.0309	1.021, 1.415
2016	14,815	122	123.543	0.988	0.9371	0.824, 1.175
2017	14,835	128	115.921	1.104	0.2830	0.925, 1.308

SIR for Adult Complex AR SSI Data by Procedure (2015 Baseline) – Overall, CBGB

Summary Year	Procedure Count	Infection Count Adult Complex	Number Predicted Adult Complex	SIRComplex	SIRComplex_pval	SirComplex95ci
2015	1,753	10	9.98	1.002	0.9539	0.509, 1.786
2016	1,648	9	10.89	0.826	0.5945	0.403, 1.517
2017	1,658	8	10.933	0.732	0.3856	0.340, 1.390

SIR for Adult Complex AR SSI Data by Procedure (2015 Baseline) – Overall, CBGC

Summary Year	Procedure Count	Infection Count Adult Complex	Number Predicted Adult Complex	SIRComplex	SIRComplex_pval	SirComplex95ci
2015	76	0	0.58	.	.	
2016	155	0	1.04	0.000	0.3533	, 2.880
2017	113	0	0.687	.	.	

SIR for Adult Complex AR SSI Data by Procedure (2015 Baseline) – Overall, COLO

Summary Year	Procedure Count	Infection Count Adult Complex	Number Predicted Adult Complex	SIRComplex	SIRComplex_pval	SirComplex95ci
2015	2,490	76	54.441	1.396	0.0056	1.108, 1.738
2016	2,428	68	52.956	1.284	0.0458	1.005, 1.618
2017	2,405	61	50.675	1.204	0.1543	0.929, 1.536

SIR for Adult Complex AR SSI Data by Procedure (2015 Baseline) – Overall, HPRO

Summary Year	Procedure Count	Infection Count Adult Complex	Number Predicted Adult Complex	SIRComplex	SIRComplex_pval	SirComplex95ci
2015	3,900	24	24.778	0.969	0.9020	0.635, 1.419
2016	4,110	18	28.224	0.638	0.0436	0.390, 0.988
2017	4,042	25	24.193	1.033	0.8449	0.684, 1.503

SIR for Adult Complex AR SSI Data by Procedure (2015 Baseline) – Overall, HYST

Summary Year	Procedure Count	Infection Count Adult Complex	Number Predicted Adult Complex	SIRComplex	SIRComplex_pval	SirComplex95ci
2015	1,804	14	11.365	1.232	0.4274	0.701, 2.018
2016	1,785	15	11.395	1.316	0.2914	0.765, 2.122
2017	1,811	11	11.249	0.978	0.9801	0.514, 1.700

SIR for Adult Complex AR SSI Data by Procedure (2015 Baseline) – Overall, KPRO

Summary Year	Procedure Count	Infection Count Adult Complex	Number Predicted Adult Complex	SIRComplex	SIRComplex_pval	SirComplex95ci
2015	4,641	21	19.095	1.100	0.6431	0.699, 1.652
2016	4,689	12	19.037	0.630	0.0937	0.342, 1.072
2017	4,806	23	18.184	1.265	0.2658	0.821, 1.868