

New Mexico Healthcare-associated Infections Annual Report for 2017

Facility-specific Addendum

The information presented here supplements the New Mexico Healthcare-associated Infections Annual Report prepared by the New Mexico Healthcare-associated Infections Advisory Committee and released October 2017. The report is available at <http://nmhealth.org/go/hai>.

Facility-specific healthcare-associated infection data can be used in your conversations with your healthcare providers to discuss what is being done to protect your health and what prevention steps you can also take.

Previous year versions of this report included year by year comparisons. The data included in this report is for 2016 only. The National Healthcare Safety Network (NHSN)—the Centers for Disease Control and Prevention (CDC) national healthcare-associated infections (HAI) electronic tracking system—reset the national baseline in 2015, meaning that the target standardized infection ratio (SIR) was changed using updated infection data and risk adjustment methodology. Previously calculated SIRs had different baseline years for each infection and facility type; therefore, the SIRs from previous years cannot be directly compared to the SIRs calculated using the updated baseline. Because the risk adjustment models used to calculate SIRs with 2015 baseline data differ for acute care hospitals and critical access hospitals, and are reported separately by NHSN, the data are presented here in separate tables.

The 2016 data in all tables reflect a snapshot of data available in NHSN as of September 2017.

Facility-specific central line-associated bloodstream infection data

Table 1: Acute care hospital adult and/or pediatric intensive care unit (ICU) central line-associated bloodstream infection (CLABSI) reporting, with or without standardized infection ratios (SIRs)

Table 1a: Critical access hospital adult and/or pediatric intensive care unit (ICU) central line-associated bloodstream infection (CLABSI) reporting, with or without standardized infection ratios (SIRs)

Table 2: Neonatal intensive care unit (NICU) central line-associated bloodstream infection (CLABSI) facility-specific reporting, with or without standardized infection ratios (SIRs)

Table 3: Acute care hospital non-intensive care unit (non-ICU) central line-associated bloodstream infection (CLABSI) facility-specific reporting, with or without standardized infection ratios (SIRs)

Table 3a: Critical access hospital non-intensive care unit (non-ICU) central line-associated bloodstream infection (CLABSI) facility-specific reporting, with or without standardized infection ratios (SIRs)

Facility-specific laboratory-identified *Clostridium difficile* infection and methicillin-resistant *Staphylococcus aureus* bacteremia infection data

Table 4: Acute care hospital facility-wide inpatient laboratory-identified *Clostridium difficile* infections (CDI)

Table 4a: Critical access hospital facility-wide inpatient laboratory-identified *Clostridium difficile* infections (CDI)

Table 5: Acute care hospital facility-wide inpatient laboratory-identified methicillin-resistant *Staphylococcus aureus* (MRSA) infections

Table 5a: Critical access hospital facility-wide inpatient laboratory-identified methicillin-resistant *Staphylococcus aureus* (MRSA) infections

Facility-specific healthcare personnel influenza vaccination rates for influenza seasons 2016-2017, 2015-2016, 2014-2015, and 2013-2014

Table 6: Healthcare personnel (HCP) influenza vaccination rates for facilities participating in voluntary NM HCP influenza vaccination data submission for the 2016-2017 through 2013-2014 seasons, current NM statewide aggregate rate for this group, and national goals

Table 1: Acute care hospital adult and/or pediatric intensive care unit (ICU) central line-associated bloodstream infection (CLABSI) reporting, with or without standardized infection ratios (SIRs)

This table shows the observed and predicted CLABSIs for all acute care hospitals which reported ICU data for January through December 2016. Where NHSN predicted less than one CLABSI, a SIR is not calculated.

Acute Care Hospital	Number of units in SIR calculation	Number of CLABSIs observed by the facility	Number of CLABSIs predicted by NHSN calculation*	Facility ICU-only SIR [†]	95% confidence interval [‡]		Comparison between facility ICU SIR and NHSN SIR (1.0) [§]
					lower	upper	
Alta Vista Regional Hospital							
2016	1	0	0.05	NC	Not applicable		Not applicable
Carlsbad Medical Center							
2016	1	0	0.17	NC	Not applicable		Not applicable
CHRISTUS St. Vincent Regional Medical Center							
2016	1	7	1.65	4.24	1.85	8.39	● Worse
Cibola General Hospital							
2016	1	0	0.13	NC	Not applicable		Not applicable
Eastern New Mexico Medical Center							
2016	1	0	0.12	NC	Not applicable		Not applicable
Gerald Champion Regional Medical Center							
2016	1	1	0.58	NC	Not applicable		Not applicable
Gila Regional Medical Center							
2016	1	0	0.05	NC	Not applicable		Not applicable

Acute Care Hospital	Number of units in SIR calculation	Number of CLABSIs observed by the facility	Number of CLABSIs predicted by NHSN calculation*	Facility ICU-only SIR†	95% confidence interval‡		Comparison between facility ICU SIR and NHSN SIR (1.0)§
					lower	upper	
Heart Hospital of New Mexico at Lovelace Medical Center							
2016	1	2	1.97	1.017	0.17	3.35	■ No different
Holy Cross Hospital							
2016	1	1	0.13	NC	Not applicable		Not applicable
Lea Regional Medical Center							
2016	1	0	0.09	NC	Not applicable		Not applicable
Los Alamos Medical Center							
2016	1	0	0.01	NC	Not applicable		Not applicable
Lovelace Regional Hospital - Roswell							
2016	1	0	0.2	NC	Not applicable		Not applicable
Lovelace Medical Center							
2016	1	6	4.15	1.44	0.58	3.00	■ No different
Lovelace Westside Hospital							
2016	1	0	0.15	NC	Not applicable		Not applicable
Lovelace Women's Hospital							
2016	1	1	0.53	NC	Not applicable		Not applicable
Memorial Medical Center							
2016	1	0	3.09	0.00	0.04	0.96	★ Better
Mountain View Regional Medical Center							
2016	1	5	2.92	1.70	0.62	3.78	■ No different
Northern Navajo Medical Center							
2016	1	0	0.04	NC	Not applicable		Not applicable
Plains Regional Medical Center							
2016	1	0	0.11	NC	Not applicable		Not applicable
Presbyterian Espanola Hospital							
2016	1	0	0.42	NC	Not applicable		Not applicable
Presbyterian Healthcare Services							
2016	3	16	9.73	1.64	0.97	2.61	■ No different
Presbyterian Rust Medical Center							
2016	1	3	1.05	2.84	0.72	7.74	■ No different
Rehoboth McKinley Christian Health Care Services							
2016	1	0	0.09	NC	Not applicable		Not applicable
Roosevelt General Hospital							
2016	1	0	0.00	NC	Not applicable		Not applicable

Acute Care Hospital	Number of units in SIR calculation	Number of CLABSIs observed by the facility	Number of CLABSIs predicted by NHSN calculation*	Facility ICU-only SIR†	95% confidence interval‡		Comparison between facility ICU SIR and NHSN SIR (1.0)§
					lower	upper	
San Juan Regional Medical Center							
2016	1	0	1.44	0.00	NC	2.07	■ No different
University of New Mexico Hospital							
2016	4	13	16.19	0.80	0.44	1.33	■ No different
University of New Mexico Sandoval Regional Medical Center							
2016	1	0	0.62	NC	Not applicable		Not applicable
New Mexico Acute Care Hospital Statewide Aggregate							
2016	35	55	45.49	1.20	0.92	1.56	■ No different

Table 1a: Critical access hospital adult and/or pediatric intensive care unit (ICU) central line-associated bloodstream infection (CLABSI) reporting, with or without standardized infection ratios (SIRs) This table shows the observed and predicted CLABSIs for all critical access hospitals which reported ICU data for January through December 2016. Where NHSN predicted less than one CLABSI, a SIR is not calculated.

Critical Access Hospital	Number of units in SIR calculation	Number of CLABSIs observed by the facility	Number of CLABSIs predicted by NHSN calculation*	Facility ICU-only SIR†	95% confidence interval‡		Comparison between facility ICU SIR and NHSN SIR (1.0)§
					lower	upper	
Lincoln County Medical Center							
2016	1	0	0.004	NC	Not applicable		Not applicable
Mimbres Memorial Hospital							
2016	1	0	0.005	NC	Not applicable		Not applicable
Miners' Colfax Medical Center							
2016	1	0	0.001	NC	Not applicable		Not applicable
New Mexico Critical Access Hospital Aggregate							
2016	3	0	0.122	NC	Not applicable		Note applicable

CLABSI = central line-associated bloodstream infection

ICU = intensive care unit

NHSN = National Healthcare Safety Network

SIR = standardized infection ratio

NC = Not calculated. In alignment with reporting standards followed by NHSN and CDC, facilities with less than one predicted infection does not have an SIR calculated (NC) due to reduced reliability of data. The lower bound of the 95% confidence interval is not calculated (NC) when the observed infections equal zero.

* Calculated from 2015 baseline CLABSI data for corresponding location type and central line days.

†The SIR is a summary statistic used to compare the healthcare-associated infection (HAI) experience of a particular group to a reference population (i.e., NHSN 2015 baseline). The SIR calculation is based on dividing the total number of observed CLABSI events by a "predicted" number of events using the CLABSI rates from the reference population.

‡ The confidence interval indicates that 95% of the time, the true value of the SIR lies somewhere between the upper and lower limits of this range. When the SIR is near zero or equal to zero, the lower bound of the 95% confidence interval is not calculated, therefore shown as "NC."

§Comparison to the NHSN SIR (i.e., the national reference population) is based on a 95% confidence interval. When the confidence interval includes 1.0 it is not considered statistically significant, therefore categorized as "no different" and indicated by a green square. When the confidence interval does not include 1.0 it is considered statistically significant. When the confidence interval is less than 1.0 the categorization is "better" than the national reference population, indicated by a blue star, and when the confidence interval is greater than 1.0 the categorization is "worse," indicated by an orange circle

Table 2: Neonatal intensive care unit (NICU) central line-associated bloodstream infection (CLABSI) facility-specific reporting, with or without standardized infection ratios (SIRs)

This table shows the observed and predicted CLABSIs for all facilities which submitted NICU CLABSI data for January through December 2016. For facilities where NHSN predicted less than one CLABSI, a SIR is not calculated.

Facility	Number of units in SIR calculation	Number of CLABSIs observed by the facility	Number of CLABSIs predicted by NHSN calculation *	Facility NICU-only SIR†	95% confidence interval‡		Comparison between facility NICU SIR and NHSN SIR (1.0)§
					lower	upper	
Carlsbad Medical Center							
2016	1	0	0.004	NC	Not applicable		Not applicable
Lovelace Women's Hospital							
2016	1	0	1.88	0.00	0.15	1.59	■ No different
Memorial Medical Center							
2016	1	0	0.43	NC	Not applicable		Not applicable
Presbyterian Healthcare Services							
2016	1	3	3.62	0.82	0.21	2.25	■ No different
Presbyterian Rust Medical Center							
2016	1	0	0.00	NC	Not applicable		Not applicable
University of New Mexico Hospital							
2016	1	3	3.69	0.81	0.20	2.20	■ No different
New Mexico Acute Care Hospital Aggregate							
2016	6	6	9.64	0.62	0.25	1.29	■ No different

CLABSI = central line-associated bloodstream infection
 NHSN = National Healthcare Safety Network

NICU = neonatal intensive care unit
 SIR = standardized infection ratio

NC = Not calculated. In alignment with reporting standards followed by NHSN and CDC, facilities with less than one predicted infection do not have an SIR calculated (NC) due to reduced reliability of data. The lower bound of the 95% confidence interval is not calculated (NC) when the observed infections equal zero.

*Calculated from 2015 NHSN baseline CLABSI data for corresponding location type and central line days.

†The SIR is a summary statistic used to compare the healthcare-associated infection (HAI) experience of a particular group to a reference population (i.e., NHSN 2015 baseline). The SIR calculation is based on dividing the total number of observed CLABSI events by a "predicted" number of events using the CLABSI rates from the reference population.

‡ The confidence interval indicates that 95% of the time, the true value of the SIR lies somewhere between the upper and lower limits of this range. When the SIR is near zero or equal to zero, the lower bound of the 95% confidence interval is not calculated, therefore shown as "NC."

§Comparison to the NHSN SIR (i.e., the national reference population) is based on a 95% confidence interval. When the confidence interval includes 1.0 it is not considered statistically significant, therefore categorized as "no different" and indicated by a green square. When the confidence interval does not include 1.0 it is considered statistically significant. When the confidence interval is less than 1.0 the categorization is "better" than the national reference population, indicated by a blue star, and when the confidence interval is greater than 1.0 the categorization is "worse," indicated by an orange circle.

Table 3: Acute care hospital non-intensive care unit (non-ICU) central line-associated bloodstream infection (CLABSI) facility-specific reporting, with or without standardized infection ratios (SIRs)

This table shows the observed and predicted CLABSIs for acute care hospitals which reported non-ICU CLABSI data for January through December 2016. For facilities where NHSN predicted less than one CLABSI, a SIR is not calculated.

Acute Care Hospital	Number of units in SIR calculation	Number of CLABSIs observed by the facility	Number of CLABSIs predicted by NHSN calculation *	Facility non-ICU SIR [†]	95% confidence interval [‡]		Comparison between facility non-ICU SIR and NHSN SIR (1.0) [§]
					lower	upper	
Alta Vista							
2016	1	0	0.03	NC	Not applicable		Not applicable
Artesia General							
2016	1	0	0.06	NC	Not applicable		Not applicable
Carlsbad Medical Center							
2016	1	0	0.14	NC	Not applicable		Not applicable
CHRISTUS St. Vincent Regional Medical Center							
2016	7	1	0.36	NC	Not applicable		Not applicable
Cibola General Hospital							
2016	1	0	0.11	NC	Not applicable		Not applicable
Eastern New Mexico Medical Center							
2016	1	0	0.09	NC	Not applicable		Not applicable
Gerald Champion Regional Medical Center							
2016	2	0	0.51	NC	Not applicable		Not applicable
Guadalupe County Hospital							
2016	1	0	0.001	NC	Not applicable		Not applicable
Heart Hospital of New Mexico at Lovelace Medical Center							
2016	1	0	0.61	NC	Not applicable		Not applicable
Holy Cross Hospital							
2016	1	0	0.13	NC	Not applicable		Not applicable
Lea Regional Medical Center							
2016	1	0	0.09	NC	Not applicable		Not applicable
Lovelace Regional Hospital- Roswell							
2016	2	0	0.12	NC	Not applicable		Not applicable
Lovelace Medical Center							
2016	5	5	4.97	1.00	0.36	2.22	■ No different
Lovelace Westside Hospital							
2016	3	0	0.21	NC	Not applicable		Not applicable
Lovelace Women's Hospital							
2016	1	0	0.48	NC	Not applicable		Not applicable
Memorial Medical Center							
2016	2	0	1.67	0.00	0.18	1.78	■ No different
Mountain View Regional Medical Center							
2016	2	3	1.33	2.24	0.57	6.12	■ No different
Northern Navajo Medical Center							
2016	3	0	0.24	NC	Not applicable		Not applicable

Acute Care Hospital	Number of units in SIR calculation	Number of CLABSIs observed by the facility	Number of CLABSIs predicted by NHSN calculation *	Facility non-ICU SIR†	95% confidence interval‡		Comparison between facility non-ICU SIR and NHSN SIR (1.0)§
					lower	upper	
Plains Regional Medical Center							
2016	5	0	0.30	NC	Not applicable		Not applicable
Presbyterian Espanola Hospital							
2016	1	0	0.52	NC	Not applicable		Not applicable
Presbyterian Healthcare Services							
2016	18	13	9.48	1.37	0.76	2.28	■ No different
Presbyterian Rust Medical Center							
2016	2	0	0	NC	Not applicable		Not applicable
Rehoboth McKinley Christian Health Care Services							
2016	1	0	0.30	NC	Not applicable		Not applicable
Roosevelt General Hospital							
2016	1	0	0.00	NC	Not applicable		Not applicable
San Juan Regional Medical Center							
2016	1	1	1.47	0.67	0.03	3.34	■ No different
University of New Mexico Hospital							
2016	11	14	14.68	0.95	0.54	1.56	■ No different
University of New Mexico Sandoval Regional Medical Center							
2016	2	0	0.64	NC	Not applicable		Not applicable
New Mexico Acute Care Hospital Aggregate							
2016		37	39.293	0.942	0.673	1.28	■ No different

Table 3a: Critical access hospital non-intensive care unit (non-ICU) central line-associated bloodstream infection (CLABSI) facility-specific reporting, with or without standardized infection ratios (SIRs) This table shows the observed and predicted CLABSIs for critical access hospitals which reported non-ICU CLABSI data for January through December 2016. For facilities where NHSN predicted less than one CLABSI, a SIR is not calculated.

Critical Access Hospital	Number of units in SIR calculation	Number of CLABSIs observed by the facility	Number of CLABSIs predicted by NHSN calculation *	Facility non-ICU SIR†	95% confidence interval‡		Comparison between facility non-ICU SIR and NHSN SIR (1.0)§
					lower	upper	
Dr. Dan C. Trigg Memorial Hospital							
2016	1	0	0.026	NC	Not applicable		Not applicable
Miners Colfax							
2016	1	0	0.001	NC	Not applicable		Not applicable
Nor-Lea General Hospital							
2016	1	0	0.035	NC	Not applicable		Not applicable
Sierra Vista Hospital							
2016	1	0	0.003	NC	Not applicable		Not applicable
Socorro General Hospital							
2016	1	0	0.049	NC	Not applicable		Not applicable
New Mexico Critical Access Hospital Aggregate							
2016	5	0	0.122	NC	Not applicable		Not applicable

CLABSI = central line-associated bloodstream infection

ICU = intensive care unit

NHSN = National Healthcare Safety Network

SIR = standardized infection ratio

NC = Not calculated. In alignment with reporting standards followed by NHSN and CDC, facilities with less than one predicted infection do not have an SIR calculated (NC) due to reduced reliability of data. The lower bound of the 95% confidence interval is not calculated (NC) when the observed infections equal zero.

*Calculated from 2015 baseline NHSN CLABSI data for corresponding location type and central line days.

†The SIR is a summary statistic used to compare the healthcare-associated infection (HAI) experience of a particular group to a reference population (i.e., NHSN 2015 data). The SIR calculation is based on dividing the total number of observed CLABSI events by a "predicted" number of events using the CLABSI rates from the reference population.

‡ The confidence interval indicates that 95% of the time, the true value of the SIR lies somewhere between the upper and lower limits of this range. When the SIR is near zero or equal to zero, the lower bound of the 95% confidence interval is not calculated, therefore shown as "NC."

§Comparison to the NHSN SIR (i.e., the national reference population) is based on a 95% confidence interval. When the confidence interval includes 1.0 it is not considered statistically significant, therefore categorized as "no different" and indicated by a green square. When the confidence interval does not include 1.0 it is considered statistically significant. When the confidence interval is less than 1.0 the categorization is "better" than the national reference population, indicated by a blue star, and when the confidence interval is greater than 1.0 the categorization is "worse," indicated by an orange circle.

Table 4: Acute care hospital facility-wide inpatient laboratory-identified *Clostridium difficile* infections (CDI)

This table shows the number of infections identified through positive laboratory tests of inpatients with healthcare facility-onset (HO) infections (i.e., positive tests on specimens collected more than three days after admission) for 2016 from January through December.

Acute Care Hospital	Number of hospital-onset CDI events observed by facility	Number of events predicted by NHSN calculation *	Facility SIR [†]	95% confidence interval [‡]		Comparison between facility SIR and NHSN SIR (1.0) [§]
				lower	upper	
Alta Vista Regional Hospital						
2016	2	2.31	0.86	0.14	2.85	■ No different
Artesia General Hospital						
2016	1	0.70	NC	Not applicable		Not applicable
Carlsbad Medical Center						
2016	6	4.89	1.22	0.497	2.54	■ No different
CHRISTUS St. Vincent Regional Medical Center						
2016	29	28.9	0.96	0.685	1.42	■ No different
Eastern New Mexico Medical Center						
2016	10	13.80	0.30	0.368	1.29	■ No different
Gerald Champion Regional Medical Center						
2016	13	7.91	1.62	0.913	2.73	■ No different
Gila Regional Medical Center						
2016	0	3.69	0	NC	0.81	★ Better
Guadalupe County Hospital						
2016	1	0.11	NC	Not applicable		Not applicable
Heart Hospital of NM at Lovelace Medical Center						
2016	8	7.08	1.12	0.52	2.144	■ No different
Holy Cross Hospital						
2016	1	1.36	0.73	0.037	3.605	■ No different
Lea Regional Medical Center						
2016	0	2.46	0	NC	1.21	■ No different
Los Alamos Medical Center						
2016	4	1.20	3.327	1.057	8.026	● Worse
Lovelace Medical Center						
2016	56	38.63	1.44	1.105	1.186	● Worse
Lovelace Regional Hospital– Roswell						
2016	0	1.28	0	NC	2.32	■ No different
Lovelace Westside Hospital						
2016	6	7.46	0.80	0.326	1.67	■ No different
Lovelace Women’s Hospital						
2016	6	11.56	0.51	0.21	1.07	■ No different
Memorial Medical Center						
2016	18	26.36	0.68	0.41	1.05	■ No different

Acute Care Hospital	Number of hospital-onset CDI events observed by facility	Number of events predicted by NHSN calculation *	Facility SIR [†]	95% confidence interval [‡]		Comparison between facility SIR and NHSN SIR (1.0) [§]
				lower	upper	
Mountain View Regional Medical Center						
2016	37	36.20	1.02	0.73	1.39	■ No different
Northern Navajo Medical Center						
2016	3	3.42	0.87	0.22	2.38	■ No different
Plains Regional Medical Center						
2016	6	6.33	0.94	0.38	1.96	■ No different
Presbyterian Espanola Hospital						
2016	2	3.67	0.54	0.09	1.80	■ No different
Presbyterian Healthcare Services						
2016	110	95.65	1.15	0.95	1.38	■ No different
Presbyterian Kaseman Hospital						
2016	0	1.82	0	NC	1.63	Not applicable
Presbyterian Rust Medical Center						
2016	14	23.62	0.53	0.33	0.97	★ Better
Rehoboth McKinley Christian Health Care Services						
2016	0	4.86	0	NC	0.61	★ Better
Roosevelt General Hospital						
2016	0	0.09	NC	Not applicable	Not applicable	Not applicable
San Juan Regional Medical Center						
2016	51	40.60	1.25	0.94	1.63	■ No different
University of New Mexico Hospital						
2016	109	77.15	1.41	1.16	1.69	● Worse
UNM Sandoval Regional Medical Center						
2016	12	6.50	1.84	1.0	3.13	■ No different
New Mexico Acute Care Hospital Aggregate						
2016	505	460.86	1.096	1.003	1.195	● Worse

Table 4a: Critical access hospital facility-wide inpatient laboratory-identified *Clostridium difficile* infections (CDI)

This table shows the number of infections identified through positive laboratory tests of inpatients with healthcare facility-onset (HO) infections (i.e., positive tests on specimens collected more than three days after admission) for 2016 from January through December.

Critical Access Hospital	Number of hospital-onset CDI events observed by facility	Number of events predicted by NHSN calculation *	Facility SIR [†]	95% confidence interval [‡]		Comparison between facility SIR and NHSN SIR (1.0) [§]
				lower	upper	
Cibola General Hospital						
2016	0	1.06	0	NC	2.80	■ No different
Dr. Dan C. Trigg Memorial Hospital						
2016	1	0.23	NC	Not applicable		Not applicable
Lincoln County Medical Center						
2016	1	1.60	0.622	0.031	3.06	■ No different
Mimbres Memorial Hospital						
2016	0	1.45	0	0	2.06	■ No different
Miners Colfax Medical Center						
2016	2	1.16	1.71	0.287	5.65	■ No different
Nor Lea General Hospital						
2016	4	0.87	NC	Not applicable		Not applicable
Sierra Vista Hospital						
2016	2	0.886	NC	Not applicable		Not applicable
Socorro General Hospital						
2016	0	0.37	NC	Not applicable		Not applicable
New Mexico Critical Access Hospital Aggregate						
2016	10	6.59	1.51	0.77	2.70	■ No different

NHSN = National Healthcare Safety Network

SIR = standardized infection ratio

NC = Not calculated. In alignment with reporting standards followed by NHSN and CDC, facilities with less than one predicted infection do not have an SIR calculated (NC) due to reduced reliability of data. The lower bound of the 95% confidence interval is not calculated (NC) when the observed infections equal zero.

*Calculated from 2015 NHSN CDI LabID data.





[†]The SIR is a summary statistic used to compare the healthcare-associated infection (HAI) experience of a particular group to a reference population (i.e., NHSN 2015 baseline data). The SIR calculation is based on dividing the total number of observed events by a “predicted” number of events using the rates from the reference population.

[‡] The confidence interval indicates that 95% of the time, the true value of the SIR lies somewhere between the upper and lower limits of this range. When the SIR is near zero or equal to zero, the lower bound of the 95% confidence interval is not calculated, therefore shown as “NC.”

[§]Comparison to the NHSN SIR (i.e., the national reference population) is based on a 95% confidence interval. When the confidence interval includes 1.0 it is not considered statistically significant, therefore categorized as “no different” and indicated by a green square. When the confidence interval does not include 1.0 it is considered statistically significant. When the confidence interval is less than 1.0 the categorization is “better” than the national reference population, indicated by a blue star, and when the confidence interval is greater than 1.0 the categorization is “worse,” indicated by an orange circle.

Table 5: Acute care hospital facility-wide inpatient laboratory-identified methicillin-resistant *Staphylococcus aureus* (MRSA) infections

This table shows the number of MRSA infections identified through positive laboratory tests of inpatients with healthcare facility-onset (HO) infections (i.e., positive tests on specimens collected more than three days after admission) for 2016 from January through December.

Acute Care Hospital	Number of hospital-onset MRSA events observed by facility	Number of events predicted by NHSN calculation *	Facility SIR [†]	95% confidence interval ‡		Comparison between facility SIR and NHSN SIR (1.0) §
				lower	upper	
Carlsbad Medical Center						
2016	0	0.2	NC	Not applicable		Not applicable
CHRISTUS St. Vincent Regional Medical Center						
2016	4	2.23	1.78	0.56	4.3	 No different
Cibola General Hospital						
2016	0	0.06	NC	Not applicable		Not applicable
Gerald Champion Regional Medical Center						
2016	0	0.7	NC	Not applicable		Not applicable
Guadalupe County Hospital						
2016	0	0.01	NC	Not applicable		Not applicable
Heart Hospital of NM at Lovelace Medical Center						
2016	1	0.5	NC	Not applicable		Not applicable
Holy Cross Hospital						
2016	0	0.08	NC	Not applicable		Not applicable
Lovelace Medical Center						
2016	3	2.6	1.11	0.28	3.04	 No different
Lovelace Regional Hospital- Roswell						
2016	0	0.12	NC	Not applicable		Not applicable
Lovelace Westside Hospital						
2016	0	0.25	NC	Not applicable		Not applicable
Lovelace Women's Hospital						
2016	0	0.90	NC	Not applicable		Not applicable
Memorial Medical Center						
2016	1	1.85	0.53	0.02	2.65	 No different
Plains Regional Medical Center						
2016	0	0.52	NC	Not applicable		Not applicable
Presbyterian Espanola Hospital						
2016	0	0.41	NC	Not applicable		Not applicable
Presbyterian Healthcare Services						
2016	6	8.01	0.74	0.30	1.55	 No different
Presbyterian Kaseman Hospital						
2016	0	0.18	NC	Not applicable		Not applicable

Acute Care Hospital	Number of hospital-onset MRSA events observed by facility	Number of events predicted by NHSN calculation *	Facility SIR [†]	95% confidence interval ‡		Comparison between facility SIR and NHSN SIR (1.0) §
				lower	upper	
Presbyterian Rust Medical Center						
2016	2	1.4	1.42	0.23	4.71	■ No different
Rehoboth McKinley Christian Health Care Services						
2016	0	0.63	NC	Not applicable		Not applicable
Roosevelt General Hospital						
2016	0	0.04	NC	Not applicable		Not applicable
San Juan Regional Medical Center						
2016	1	1.51	0.66	0.03	3.26	■ No different
University of New Mexico Hospital						
2016	6	10.32	0.58	0.23	1.20	■ No different
UNM Sandoval Regional Medical Center						
2016	1	0.45	NC	Not applicable		Not applicable
New Mexico Acute Care Hospital Aggregate						
2016	25	33.18	0.75	0.49	1.09	■ No different

Table 5a: Critical access hospital facility-wide inpatient laboratory-identified methicillin-resistant *Staphylococcus aureus* (MRSA) infections

This table shows the number of MRSA infections identified through positive laboratory tests of inpatients with healthcare facility-onset (HO) infections (i.e., positive tests on specimens collected more than three days after admission) for 2016 from January through December

Critical Access Hospital	Number of hospital-onset MRSA events observed by facility	Number of events predicted by NHSN calculation *	Facility SIR [†]	95% confidence interval ‡		Comparison between facility SIR and NHSN SIR (1.0) §
				lower	upper	
Dr. Dan C. Trigg Memorial Hospital						
2016	0	0.02	NC	Not applicable		Not applicable
Lincoln County Medical Center						
2016	0	0.2	NC	Not applicable		Not applicable
Miners Colfax Medical Center						
2016	0	0.64	NC	Not applicable		Not applicable
Nor Lea General Hospital						
2016	0	0.47	NC	Not applicable		Not applicable
New Mexico Critical Access Hospital Aggregate						
2016	0	0.22	NC	Not applicable		Not applicable

NHSN = National Healthcare Safety Network

SIR = standardized infection ratio

NC = Not calculated. In alignment with reporting standards followed by NHSN and CDC, facilities with less than one predicted infection do not have an SIR calculated (NC) due to reduced reliability of data. The lower bound of the 95% confidence interval is not calculated (NC) when the observed infections equal zero.

*Calculated from 2015 NHSN CDI LabID data.

[†]The SIR is a summary statistic used to compare the healthcare-associated infection (HAI) experience of a particular group to a reference population (i.e., NHSN 2015 baseline data). The SIR calculation is based on dividing the total number of observed events by a “predicted” number of events using the rates from the reference population.

* The confidence interval indicates that 95% of the time, the true value of the SIR lies somewhere between the upper and lower limits of this range. When the SIR is near zero or equal to zero, the lower bound of the 95% confidence interval is not calculated, therefore shown as “NC.”

[§]Comparison to the NHSN SIR (i.e., the national reference population) is based on a 95% confidence interval. When the confidence interval includes 1.0 it is not considered statistically significant, therefore categorized as “no different” and indicated by a green square. When the confidence interval does not include 1.0 it is considered statistically significant. When the confidence interval is less than 1.0 the categorization is “better” than the national reference population, indicated by a blue star, and when the confidence interval is greater than 1.0 the categorization is “worse,” indicated by an orange circle

Table 6: Healthcare personnel (HCP) influenza vaccination rates for facilities participating in voluntary NM HCP influenza vaccination data submission for the 2013-2014 through 2016-2017 seasons



*Presbyterian Healthcare Services includes Presbyterian Hospital, Rust Medical Center, and Presbyterian Kaseman Hospital

