New Mexico Healthcare-associated Infections Annual Report

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 August 2014. 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.

Facility-specific central line-associated bloodstream infection data for January through December 2013

Table 1: Adult and pediatric intensive care unit (ICU) central line-associated bloodstream infection (CLABSI) facility-specific standardized infection ratios (SIRs)

Table 2: Neonatal intensive care unit (NICU) central line-associated bloodstream infection (CLABSI) facility-specific standardized infection ratios (SIRs)

Table 3: Non-intensive care unit (non-ICU) central line-associated bloodstream infection (CLABSI) facility-specific standardized infection ratios (SIRs)

Table 4: Adult and pediatric intensive care unit (ICU) central line-associated bloodstream infection (CLABSI) facility-specific infection information where no standardized infection ratio (SIR) is calculated

Table 5: Non-intensive care unit (non-ICU) central line-associated bloodstream infection (CLABSI) facility-specific infection information where no standardized infection ratio (SIR) is calculated Table 6: Facilities with multiple-year adult and pediatric intensive care unit (ICU) reporting, with or without standardized infection ratios (SIRs)

The 2013 CLABSI data in these tables reflect a snapshot of data available in National Healthcare Safety Network (NHSN) as of June 24, 2014. NM HAI data prior to 2013 (included in Table 6 below) reflect snapshots of NHSN data available during preparation of the previous NM HAI Annual Reports.

Facility-specific healthcare personnel influenza vaccination rates for influenza seasons 2013-2014, 2012-2013, and 2011-2012

Table 7: Healthcare personnel (HCP) influenza vaccination rates for facilities participating in voluntary NM HCP influenza vaccination data submission for the 2013-2014, 2012-2013, 2011-2012 seasons, current NM statewide aggregate rate for this group, and national goals

Released: August 2014

Table 1: Adult and pediatric intensive care unit (ICU) central line-associated bloodstream infection (CLABSI) facility-specific standardized infection ratios (SIRs)

This table shows the calculated SIR for all facilities which submitted adult and pediatric ICU CLABSI data for January through December 2013 and for which NHSN predicted 1 or more CLABSI.

Facility	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% confic interv		Comparison between facility ICU SIR and NHSN SIR (1.0)§
CHRISTUS St. Vincent Regional Medical Center	1	3	3.11	0.97	0.25	2.63	No different
Eastern New Mexico Medical Center	1	1	1.20	0.83	0.04	4.10	No different
Gerald Champion Regional Medical Center	1	1	1.11	0.90	0.05	4.45	No different
Heart Hospital of NM at Lovelace Medical Center	1	0	4.16	0.00	NC	0.72	★ Better
Lovelace Medical Center	1	4	6.29	0.64	0.20	1.53	No different
Memorial Medical Center	1	0	5.81	0.00	NC	0.52	★ Better
Mountain View Regional Medical Center	2	2	6.23	0.32	0.05	1.06	No different
Presbyterian Healthcare Services	3	9	14.01	0.64	0.31	1.18	No different
San Juan Regional Medical Center	1	2	2.55	0.79	0.13	2.59	No different
University of New Mexico Hospital	4	9	29.39	0.31	0.15	0.56	★ Better

CLABSI = central line-associated bloodstream infection

NHSN = National Healthcare Safety Network

ICU = 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 an SIR is not 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 2006 through 2008 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 data 2006 through 2008). 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."

Table 2: Neonatal intensive care unit (NICU) central line-associated bloodstream infection (CLABSI) facility-specific standardized infection ratios (SIRs)

This table shows the number of CLABSIs observed for all facilities which submitted NICU CLABSI data for January through December 2013. For two of these facilities, NHSN predicted less than one CLABSI and therefore 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% confide interval		Comparison between facility NICU SIR and NHSN SIR (1.0)§
Carlsbad Medical Center	1	0	0.01	NC	N	С	Not applicable
Memorial Medical Center	1	0	0.41	NC	NC		Not applicable
Lovelace Women's Hospital	1	0	2.47	0.00	NC	1.21	No different
Presbyterian Healthcare Services	1	1	3.20	0.31	0.02	1.54	No different
University of New Mexico Hospital	1	5	5.13	0.97	0.36	2.16	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 an SIR is not 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 2006 through 2008 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 data 2006 through 2008). 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: Non-intensive care unit (non-ICU) central line-associated bloodstream infection (CLABSI) facility-specific standardized infection ratios (SIRs)

This table shows the calculated SIR for all facilities which reported non-ICU CLABSI data for January through December 2013 and for which NHSN predicted 1 or more CLABSI.

Facility	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% confid interva		Comparison between facility non-ICU SIR and NHSN SIR (1.0)§
Eastern NM Medical Center	1	3	1.23	2.44	0.62	6.64	No different
Lea Regional Medical Center	1	1	1.14	0.88	0.04	4.32	No different
Plains Regional Medical Center	4	0	1.13	0.00	NC	2.65	No different
Presbyterian Espanola Hospital	1	0	1.07	0.00	NC	2.80	No different
San Juan Regional Medical Center	1	0	2.24	0.00	NC	1.34	No different
University of New Mexico Hospital	10	12	24.21	0.50	0.27	0.84	★ Better

CLABSI = central line-associated bloodstream infection

NHSN = National Healthcare Safety Network

ICU = 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 an SIR is not 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 2006 through 2008 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 data 2006 through 2008). 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.".

Table 4: Adult and pediatric intensive care unit (ICU) central line-associated bloodstream infection (CLABSI) facility-specific infection information where no standardized infection ratio (SIR) is calculated

This table shows the observed and predicted infections for all facilities which reported adult and pediatric ICU CLABSI data for January through December 2013 and for which NHSN predicted less than one CLABSI and therefore 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 ICU-only SIR [†]	Comparison between facility ICU SIR and NHSN SIR (1.0)§
Alta Vista Regional Hospital	1	0	0.38	NC	Not applicable
Carlsbad Medical Center	1	0	0.59	NC	Not applicable
Cibola General Hospital	1	0	0.12	NC	Not applicable
Gila Regional Medical Center	1	0	0.26	NC	Not applicable
Holy Cross Hospital	1	0	0.35	NC	Not applicable
Lea Regional Medical Center	1	0	0.45	NC	Not applicable
Lincoln County Medical Center	1	0	0.12	NC	Not applicable
Los Alamos Medical Center	1	0	0.00	NC	Not applicable
Lovelace Regional Hospital - Roswell	1	0	0.09	NC	Not applicable
Lovelace Westside Hospital	1	0	0.28	NC	Not applicable
Lovelace Women's Hospital	1	0	0.77	NC	Not applicable
Mimbres Memorial Hospital	1	0	0.07	NC	Not applicable
Miners' Colfax Medical Center	1	0	0.01	NC	Not applicable
Plains Regional Medical Center	1	0	0.51	NC	Not applicable
Presbyterian Espanola Hospital	1	0	0.91	NC	Not applicable
Rehoboth McKinley Christian Health Care Services	1	0	0.21	NC	Not applicable
Roosevelt General Hospital	1	0	0.02	NC	Not applicable
UNM Sandoval Regional Medical Center	1	0	0.75	NC	Not applicable

CLABSI = central line-associated bloodstream infection

NHSN = National Healthcare Safety Network

ICU = 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 an SIR is not 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 2006 through 2008 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 data 2006 through 2008). 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."

Table 5: Non-intensive care unit (non-ICU) central line-associated bloodstream infection (CLABSI) facility-specific infection information where no standardized infection ratio (SIR) is calculated. This table shows the observed and predicted infections for all facilities which reported non-ICU CLABSI data for January through December 2013 and for which NHSN predicted less than one CLABSI and therefore 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 non- ICU SIR [†]	Comparison between facility non- ICU SIR and NHSN SIR (1.0)§
Carlsbad Medical Center	1	0	0.06	NC	Not applicable
Cibola General Hospital	1	0	0.07	NC	Not applicable
Dr. Dan C. Trigg Memorial Hospital	1	0	0.01	NC	Not applicable
Guadalupe County Hospital	1	1	0.01	NC	Not applicable
Lovelace Westside Hospital	3	0	0.32	NC	Not applicable
Lovelace Women's Hospital	1	0	0.66	NC	Not applicable
Nor-Lea General Hospital	1	0	0.22	NC	Not applicable
Roosevelt General Hospital	1	0	0.03	NC	Not applicable
Sierra Vista Hospital	1	0	0.02	NC	Not applicable
Socorro General Hospital	1	0	0.06	NC	Not applicable

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

ICU = 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 an SIR is not 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 2006 through 2008 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 data 2006 through 2008). 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."

Table 6: Facilities with multiple-year adult and pediatric intensive care unit (ICU) reporting, with or without standardized infection ratios (SIRs)

This table shows the ICU CLABSI data for all facilities which reported for January through December 2013 and also reported ICU CLABSI data voluntarily for at least one previous year.

Facility	Number of units in SIR calculation	CLABSIs observed	Number of CLABSIs predicted by NHSN calculation*	Facility ICU- only SIR [†]	95% confidence interval [‡]		Comparison between facility ICU SIR and NHSN SIR (1.0)§
Alta Vista Regional Hospital		·					` '
2013	1	0	0.38	NC	Not app	olicable	Not applicable
2012	1	0	0.43	NC	Not app	olicable	Not applicable
Carlsbad Medical Center							
2013	1	0	0.59	NC	Not app	olicable	Not applicable
2012	1	0	0.56	NC	Not app	olicable	Not applicable
CHRISTUS St. Vincent Regional Medical Center							
2013	1	3	3.11	0.97	0.25	2.63	No different
2012	1	0	3.68	0.00	NC	1.00	No different
Cibola General Hospital							
2013	1	0	0.12	NC	Not app	olicable	Not applicable
2012	1	0	0.05	NC	Not app	olicable	Not applicable
Eastern New Mexico Medical Center							
2013	1	1	1.20	0.83	0.04	4.10	No different
2012	1	3	1.38	2.17	0.45	6.35	No different
Gerald Champion Regional Medical Center							
2013	1	1	1.11	0.90	0.05	4.45	No different
2012	1	0	1.20	0.00	NC	3.08	No different
2011	1	0	1.04	0.00	NC	3.54	No different
2010	1	1	1.30	0.77	0.02	4.29	No different
Gila Regional Medical Center							
2013	1	0	0.26	NC	Not app	olicable	Not applicable
2012	1	0	0.28	NC	Not app	olicable	Not applicable
Heart Hospital of New Mexico at Lovelace Medical Center							
2013	1	0	4.16	0.00	NC	0.72	★ Better
2012	1	3	4.38	0.69	0.14	2.00	No different
2011	1	2	3.60	0.56	0.07	2.01	No different
2010	1	1	3.51	0.29	0.01	1.59	No different

Facility	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% confide interva		Comparison between facility ICU SIR and NHSN SIR (1.0)§
Holy Cross Hospital							
2013	1	0	0.35	NC	Not app	olicable	Not applicable
2012	1	0	0.58	NC	Not app	olicable	Not applicable
2011	1	1	0.51	NC	Not app	olicable	Not applicable
2010	1	0	0.59	NC	Not app	olicable	Not applicable
Lea Regional Medical Center							
2013	1	0	0.45	NC	Not app	olicable	Not applicable
2012	1	0	0.43	NC	Not app	olicable	Not applicable
Lincoln County Medical Center							
2013	1	0	0.12	NC	Not app	olicable	Not applicable
2012	1	0	0.06	NC	Not app	olicable	Not applicable
Los Alamos Medical Center							
2013	1	0	0.00	NC	Not applicable		Not applicable
2012	1	0	0.19	NC	Not applicable		Not applicable
Lovelace Regional Hospital - Roswell							
2013	1	0	0.09	NC	Not app	olicable	Not applicable
2012	1	0	0.02	NC	Not app	olicable	Not applicable
Lovelace Medical Center							
2013	1	4	6.29	0.64	0.20	1.53	No different
2012	1	4	7.05	0.57	0.16	1.45	No different
2011	3	2	8.48	0.24	0.03	0.85	★ Better
Lovelace Westside Hospital							
2013	1	0	0.28	NC	Not app	olicable	Not applicable
2012	1	0	0.48	NC	Not applicable		Not applicable
2011	1	0	0.45	NC	Not applicable		Not applicable
2010	1	0	0.58	NC	Not app	olicable	Not applicable
Lovelace Women's Hospital							
2013	1	0	0.77	NC	Not app		Not applicable
2012	1	0	0.65	NC	Not app		Not applicable
2011	1	0	0.95	NC	Not app		Not applicable
2010	1	1	1.10	0.91	0.02	5.09	No different

Facility	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)§
Memorial Medical Center		,					(110)
2013	1	0	5.81	0.00	NC	0.52	★ Better
2012	1	2	7.09	0.28	0.03	1.02	No different
2011	1	1	7.53	0.13	0.00	0.74	★ Better
2010	1	2	6.78	0.30	0.04	1.07	No different
Mimbres Memorial Hospital							
2013	1	0	0.07	NC		olicable	Not applicable
2012	1	0	0.06	NC	Not app	olicable	Not applicable
Miners' Colfax Medical Center							
2013	1	0	0.01	NC		olicable	Not applicable
2012	1	0	0.01	NC	Not app	olicable	Not applicable
Mountain View Regional Medical Center							
2013	2	2	6.23	0.32	0.05	1.06	No different
2012	1	1	4.60	0.22	0.01	1.21	No different
Plains Regional Medical Center							
2013	1	0	0.51	NC	Not app	olicable	Not applicable
2012	1	0	0.46	NC	Not app	olicable	Not applicable
2011	1	0	0.40	NC	Not app	olicable	Not applicable
2010	1	0	0.35	NC	Not app	olicable	Not applicable
Presbyterian Espanola Hospital							
2013	1	0	0.91	NC			Not applicable
2012	1	0	0.85	NC	Not app	olicable	Not applicable
Presbyterian Healthcare Services							
2013	3	9	14.01	0.64	0.31	1.18	No different
2012	3	7	12.60	0.56	0.22	1.15	No different
2011	3	15	14.07	1.07	0.60	1.76	No different
2010	3	11	14.26	0.77	0.39	1.38	No different
Rehoboth McKinley Christian Health Care Services							
2013	1	0	0.21	NC	Not app	olicable	Not applicable
2012	1	0	0.29	NC	Not app	olicable	Not applicable
2011	1	0	0.48	NC	Not ap	olicable	Not applicable
2010	1	0	0.48	NC	Not ap	olicable	Not applicable
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Facility	Number of units in SIR calculation	CLABSIs observed	Number of CLABSIs predicted by NHSN calculation*	Facility ICU- only SIR [†]	95% confide interva		Comparison between facility ICU SIR and NHSN SIR (1.0)§
Roosevelt General Hospital							
2013	1	0	0.02	NC	Not app	olicable	Not applicable
2012	1	0	0.04	NC	Not app	olicable	Not applicable
San Juan Regional Medical Center							
2013	1	2	2.55	0.79	0.13	2.59	No different
2012	1	2	2.63	0.76	0.09	2.75	No different
2011	1	2	2.59	0.77	0.09	2.79	No different
2010	1	2	2.36	0.85	0.1	3.07	No different
University of New Mexico Hospital							
2013	4	9	29.39	0.31	0.15	0.56	★ Better
2012	4	18	28.33	0.64	0.38	1.00	No different
2011	4	8	29.44	0.27	0.12	0.54	★ Better
2010	4	9	30.19	0.30	0.14	0.57	★ Better

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

ICU = intensive care unit

SIR = standardized infection ratio

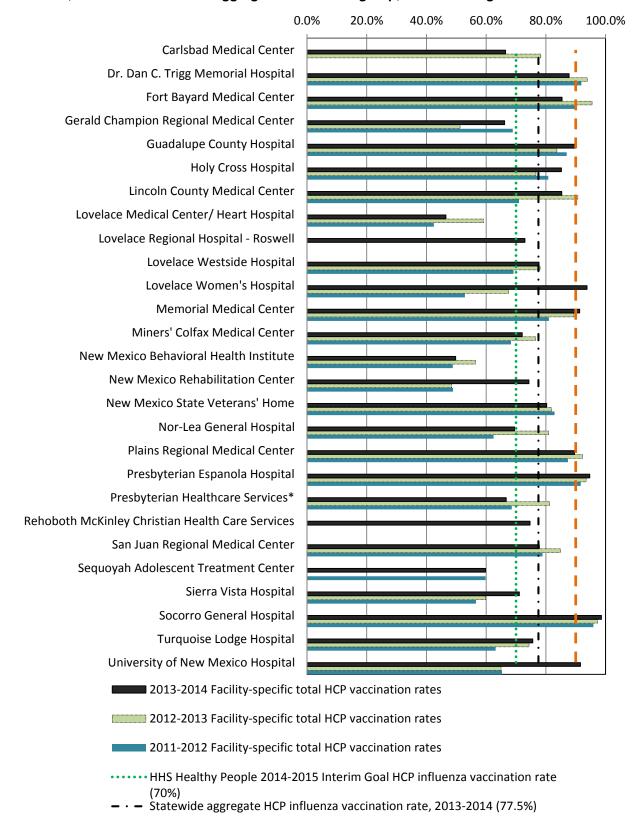
NC = Not calculated. In alignment with reporting standards followed by NHSN and CDC, facilities with less than one predicted infection an SIR is not calculated (NC) due to reduced reliability of data. The lower bound of the 95% confidence interval is not calculated (NC) when the observed infections equal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

^{*} Calculated from 2006 through 2008 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 data 2006 through 2008). 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."

Table 7: Healthcare personnel (HCP) influenza vaccination rates for facilities participating in voluntary NM HCP influenza vaccination data submission for the 2013-2014, 2012-2013, 2011-2012 seasons, current NM statewide aggregate rate for this group, and national goals



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