

North Carolina Healthcare-Associated Infections Report
Data from January 1 – December 31, 2019
Mission Hospital, Asheville, Buncombe County

2018 Hospital Survey Information

Hospital Type: Acute Care Hospital
 Medical Affiliation: Major
 Admissions in 2018: 54,545
 Patient Days in 2018: 231,572
 Total Number of Beds: 741
 Number of ICU Beds: 131
 FTE* Infection Preventionists: 7.80
 Number of FTEs* per 100 beds: 1.05

(*FTE = Full-time equivalent)



Commentary From Facility:

Mission Health strives to improve the quality and safety of the care we give our patients each and every day. The prevention of infections is one of our highest priorities. By continuously and thoughtfully reviewing processes, procedures and events, we identify opportunities for improvement and address them immediately and appropriately, and share that knowledge internally to avert further issues.

Catheter-Associated Urinary Tract Infections (CAUTI)

Table 1. Number of Observed and Predicted Infections by ICU and Ward Type, Jan-Dec 2019.

Unit Type	Observed Infections	Predicted Infections	How Does This Facility Compare to the National Experience?
Adult/Ped ICUs	15	26	Better
Adult/Ped Wards	6	11	Same
All reporting units	21	37	Better

Note: SIR=Standardized Infection Ratio. SIR is calculated by #Observed/#Predicted.

Note: SIR not calculated if <50 catheter days or <1 predicted infection.

Note: Red line represents the NHSN baseline experience, 2015.

How Does This Facility Compare to the National Experience?

★ **Better:** Fewer infections than predicted by the national baseline experience

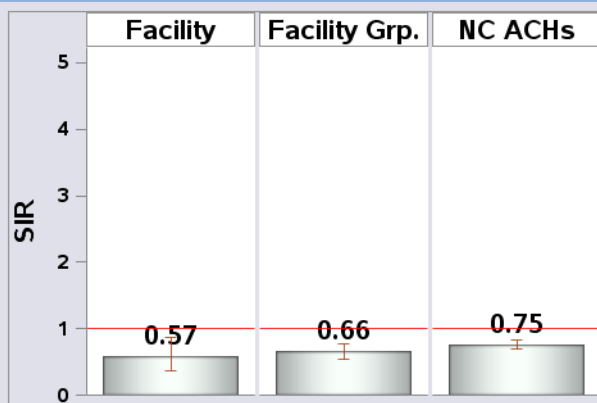


Figure 1: SIRs and 95% confidence intervals, Jan-Dec 2019.

Methicillin-Resistant Staphylococcus aureus Laboratory-Identified Bacteremia (MRSA LabID)

Note: LabID events are based on positive laboratory results only; not all LabID events represent true illnesses. Events reported here may be higher than events based on clinically-defined illness.

Table 2. Number of Observed and Predicted MRSA Events, Jan-Dec 2019

Unit Type	Observed Events	Predicted Events	How Does This Facility Compare to the National Experience?
Facility-wide inpatient	9	20	Better

Note: SIR=Standardized Infection Ratio. SIR is calculated by #Observed/#Predicted.

Note: Red line represents the NHSN baseline experience, 2015.

How Does This Facility Compare to the National Experience?

★ **Better:** Fewer infections than predicted by the national baseline experience

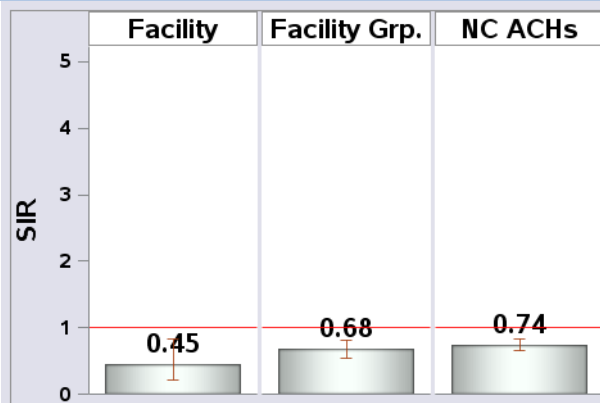


Figure 2: SIRs and 95% Confidence Intervals, Jan-Dec 2019.

Clostridioides difficile Laboratory-Identified Infections (CDI LabID)

Note: LabID events are based on positive laboratory results only - not all LabID events represent true illnesses. Rates reported here may be higher than rates based on clinically-defined illness.

Table 3. Number of Observed and Predicted CDIs, Jan-Dec 2019

Unit Type	Observed Events	Predicted Events	How Does This Facility Compare to the National Experience?
Facility-wide inpatient	141	160	Same

Note: SIR=Standardized Infection Ratio. SIR is calculated by #Observed/#Predicted.

Note: Red line represents the NHSN baseline experience, 2015.

How Does This Facility Compare to the National Experience?

= **Same:** About the same number of infections as predicted by the national baseline experience

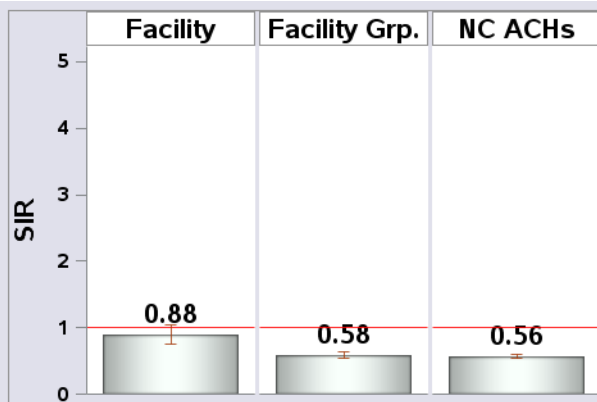


Figure 3: SIRs and 95% Confidence Intervals, Jan-Dec 2019.

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Central Line-Associated Bloodstream Infections (CLABSI)

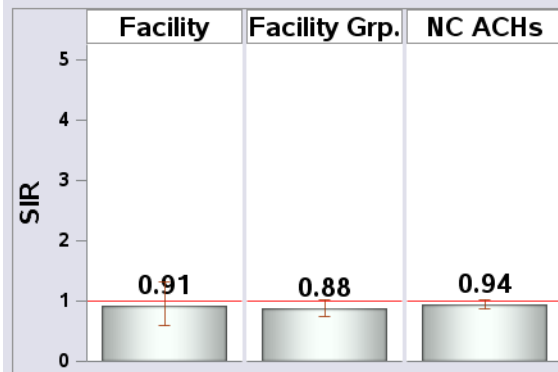


Figure 4: SIRs and 95% confidence intervals, Jan-Dec 2019.

Table 4. Number of Observed and Predicted CLABSI Infections by ICU and Ward Type, Jan-Dec 2019

Unit Type	Observed Infections	Predicted Infections	How Does This Facility Compare to the National Experience?
Adult/Ped ICUs	14	13	Same
Adult/Ped Wards	7	11	Same
Neonatal Units	4	3.3	Same
All reporting units	25	28	Same

Note: SIR=Standardized Infection Ratio. SIR is calculated by #Observed/#Predicted.

Note: SIR not calculated if <50 central line days or <1 predicted infection.

Note: Red line represents the NHSN baseline experience, 2015.

How Does This Facility Compare to the National Experience?

= Same: About the same number of infections as predicted by the national baseline experience

Surgical Site Infections (SSI) after Abdominal Hysterectomies

Table 5. Number of Observed and Predicted SSI Infections (abdominal hysterectomies), Jan-Dec 2019.

Unit Type	Observed Infections	Predicted Infections	How Does This Facility Compare to the National Experience?
Facility-wide inpatient	2	5.9	Same

Note: SIR=Standardized Infection Ratio. SIR is calculated by #Observed/#Predicted.

Note: Infections from deep incisional and/or organ space.

Note: Red line represents the NHSN baseline experience, 2015.

How Does This Facility Compare to the National Experience?

= Same: About the same number of infections as predicted by the national baseline experience

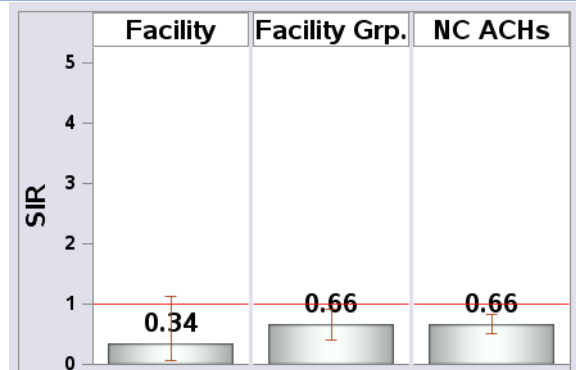


Figure 5: SIRs and 95% Confidence Intervals, Jan-Dec 2019.

Surgical Site Infections (SSI) after Colon Surgeries

Table 6. Number of Observed and Predicted SSI Infections (colon surgeries), Jan-Dec 2019.

Unit Type	Observed Infections	Predicted Infections	How Does This Facility Compare to the National Experience?
Facility-wide inpatient	18	14	Same

Note: SIR=Standardized Infection Ratio. SIR is calculated by #Observed/#Predicted.

Note: Infections from deep incisional and/or organ space.

Note: Red line represents the NHSN baseline experience, 2015.

How Does This Facility Compare to the National Experience?

= Same: About the same number of infections as predicted by the national baseline experience

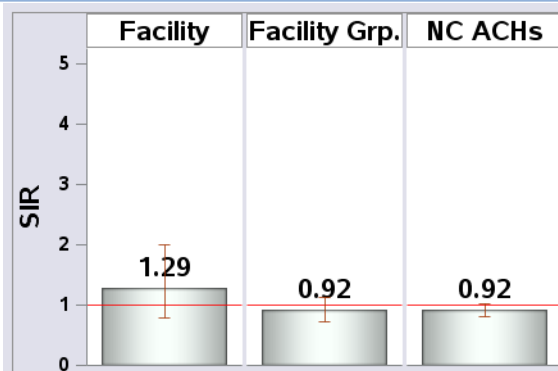


Figure 6: SIRs and 95% Confidence Intervals, Jan-Dec 2019.

Ventilator-Associated Events (VAE)

Note from N.C. Division of Public Health: VAEs are not reportable at this facility type after 2018Q3