

**North Carolina Healthcare-Associated Infections Report**  
**Data from January 1 – June 30, 2019**  
**Carolinas Medical Center, Charlotte, Mecklenburg County**

**2018 Hospital Survey Information**

Hospital Type: Acute Care Hospital  
 Medical Affiliation: Major  
 Admissions in 2019: 50,381  
 Patient Days in 2019: 287,484  
 Total Number of Beds: 898  
 Number of ICU Beds: 222  
 FTE\* Infection Preventionists: 9.00  
 Number of FTEs\* per 100 beds: 1.00

[\*FTE = Full-time equivalent]



**Commentary From Facility:**  
 No comments provided.

**Catheter-Associated Urinary Tract Infections (CAUTI)**

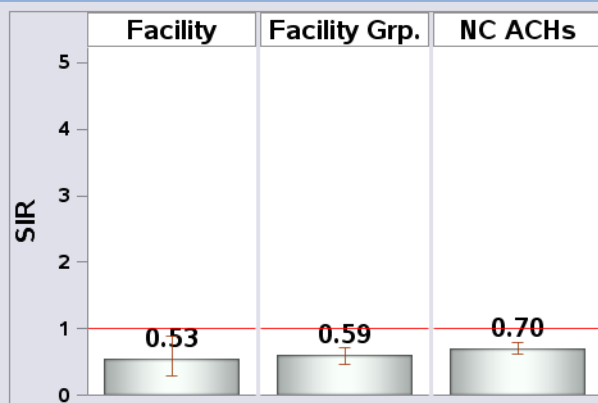


Figure 1: SIRs and 95% confidence intervals, Jan-Jun 2019.

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

Unit Type	Observed Infections	Predicted Infections	How Does This Facility Compare to the National Experience?
Adult/Ped ICUs	10	20	Better
Adult/Ped Wards	3	4.1	Same
All reporting units	13	24	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

**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-Jun 2019

Unit Type	Observed Events	Predicted Events	How Does This Facility Compare to the National Experience?
Facility-wide inpatient	8	12	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

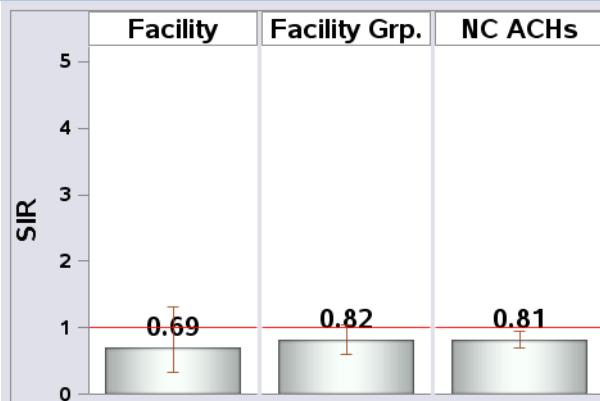


Figure 2: SIRs and 95% Confidence Intervals, Jan-Jun 2019.

**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-Jun 2019

Unit Type	Observed Events	Predicted Events	How Does This Facility Compare to the National Experience?
Facility-wide inpatient	52	102	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

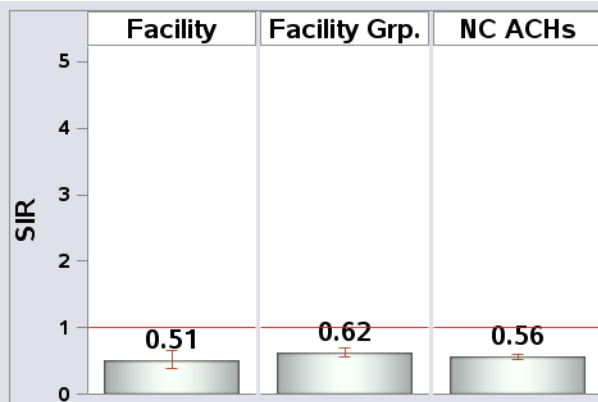


Figure 3: SIRs and 95% Confidence Intervals, Jan-Jun 2019.

**North Carolina Healthcare-Associated Infections Report**  
**Data from January 1 – June 30, 2019**  
**Carolinas Medical Center, Charlotte, Mecklenburg County**

**Central Line-Associated Bloodstream Infections (CLABSI)**

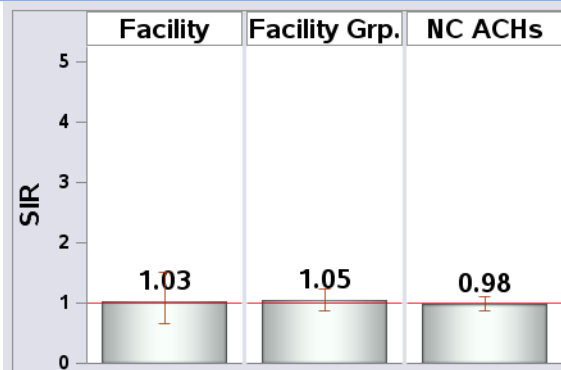


Table 4. Number of Observed and Predicted CLABSI Infections by ICU and Ward Type, Jan-Jun 2019

Unit Type	Observed Infections	Predicted Infections	How Does This Facility Compare to the National Experience?
Adult/Ped ICUs	11	12	Same
Adult/Ped Wards	8	5.3	Same
Neonatal Units	4	5.1	Same
<b>All reporting units</b>	<b>23</b>	<b>22</b>	<b>Same</b>

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

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

**Surgical Site Infections (SSI) after Abdominal Hysterectomies**

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

Unit Type	Observed Infections	Predicted Infections	How Does This Facility Compare to the National Experience?
<b>Facility-wide inpatient</b>	<b>1</b>	<b>2.1</b>	<b>Same</b>

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

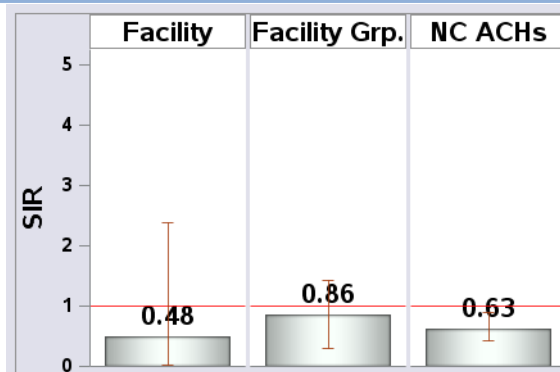


Figure 5: SIRs and 95% Confidence Intervals, Jan-Jun 2019.

**Surgical Site Infections (SSI) after Colon Surgeries**

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

Unit Type	Observed Infections	Predicted Infections	How Does This Facility Compare to the National Experience?
<b>Facility-wide inpatient</b>	<b>9</b>	<b>9.3</b>	<b>Same</b>

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

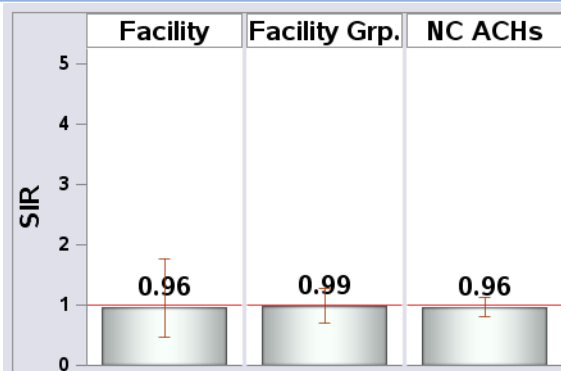


Figure 6: SIRs and 95% Confidence Intervals, Jan-Jun 2019.

**Ventilator-Associated Events (VAE)**

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