

**North Carolina Healthcare-Associated Infections Report**  
**Data from January 1 – December 31, 2019**  
**Atrium Health University City, Charlotte, Mecklenburg County**

**2018 Hospital Survey Information**

Hospital Type: Acute Care Hospital  
 Medical Affiliation: Graduate  
 Admissions in 2018: 8,394  
 Patient Days in 2018: 30,465  
 Total Number of Beds: 100  
 Number of ICU Beds: 15  
 FTE\* Infection Preventionists: 0.98  
 Number of FTEs\* per 100 beds: 0.98

(\*FTE = Full-time equivalent)



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

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

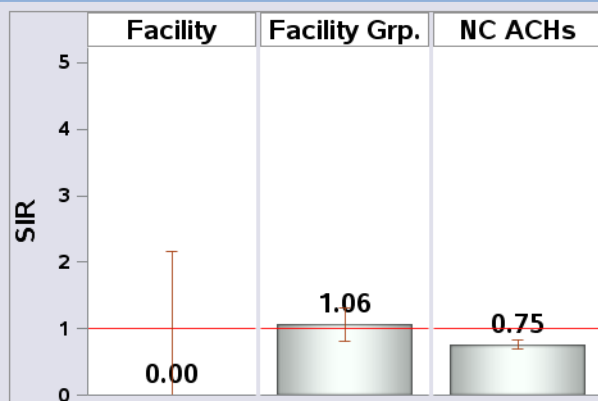


Figure 1: SIRs and 95% confidence intervals, Jan-Dec 2019.

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      | 0                   | Less than 1.0        | No Conclusion  |
| Adult/Ped Wards     | 0                   | Less than 1.0        | No Conclusion  |
| All reporting units | 0                   | 1.4                  | Same   |

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?**

= Same: About the same number of infections as 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-Dec 2019

| Unit Type               | Observed Events | Predicted Events | How Does This Facility Compare to the National Experience? |
|-------------------------|-----------------|------------------|--|
| Facility-wide inpatient | 1               | 1.4              | 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

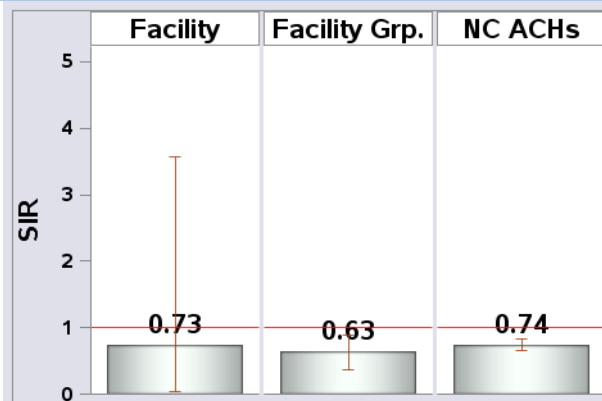


Figure 2: SIRs and 95% Confidence Intervals, Jan-Dec 2019.

**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 | 4               | 14               | 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

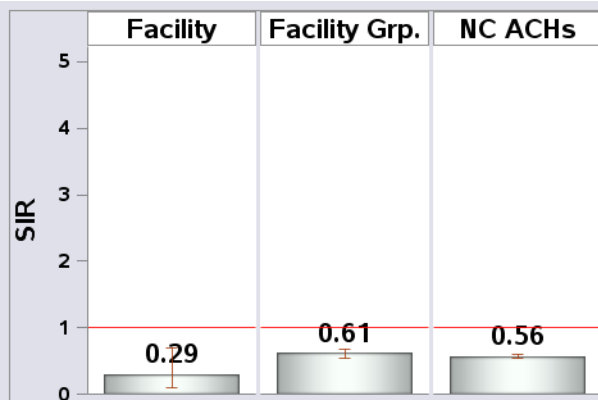


Figure 3: SIRs and 95% Confidence Intervals, Jan-Dec 2019.

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

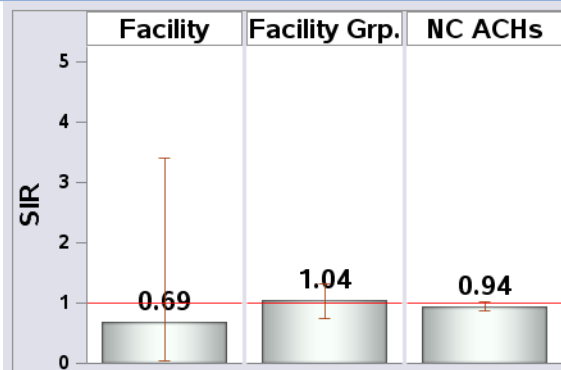


Table 4. Number of Observed and Predicted CLABSI Infections by ICU and Ward Type, Jan-Dec 2019

| Unit Type                  | Observed Infections | Predicted Infections | How Does This Facility Compare to the National Experience? |
|----------------------------|---------------------|----------------------|--|
| Adult/Ped ICUs             | 1                   | Less than 1.0        | No Conclusion  |
| Adult/Ped Wards            | 0                   | Less than 1.0        | No Conclusion  |
| Neonatal Units             | 0                   | Less than 1.0        | No Conclusion  |
| <b>All reporting units</b> | <b>1</b>            | <b>1.5</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-Dec 2019.

**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? |
|--------------------------------|---------------------|----------------------|--|
| <b>Facility-wide inpatient</b> | <b>0</b>            | <b>1.1</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

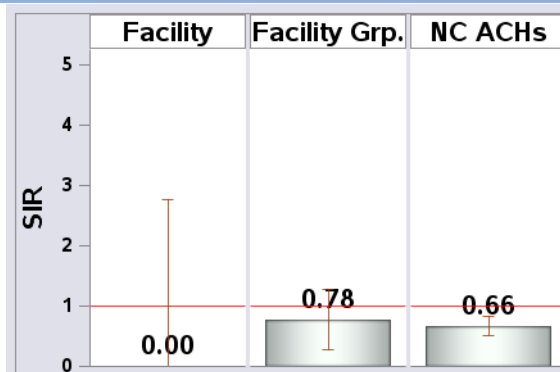


Figure 5: SIRs and 95% Confidence Intervals, Jan-Dec 2019.

**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? |
|--------------------------------|---------------------|----------------------|--|
| <b>Facility-wide inpatient</b> | <b>2</b>            | <b>1.3</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

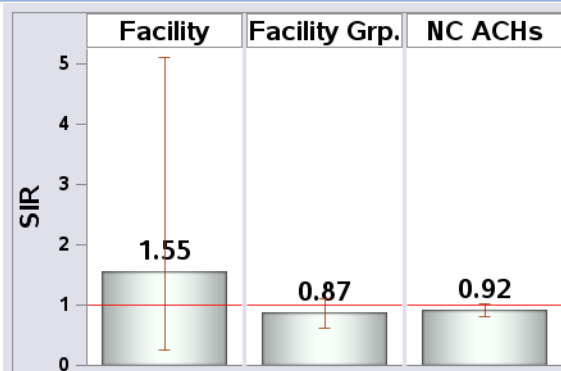


Figure 6: SIRs and 95% Confidence Intervals, Jan-Dec 2019.

**Ventilator-Associated Events (VAE)**

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