

North Carolina Healthcare-Associated Infections Report
Data from January 1 - December 31, 2015
Novant Health Huntersville Medical Center, Huntersville, Mecklenburg County

2015 Hospital Survey Information

Hospital Type: Acute Care Hospital
 Medical Affiliation: No
 Admissions in 2015: 9,438
 Patient Days in 2015: 30,415
 Total Number of Beds: 91
 Number of ICU Beds: 8
 FTE* Infection Preventionists: 0.80
 Number of FTEs* per 100 beds: 0.88



*FTE = Full-time equivalent

Central Line-Associated Bloodstream Infections (CLABSI)

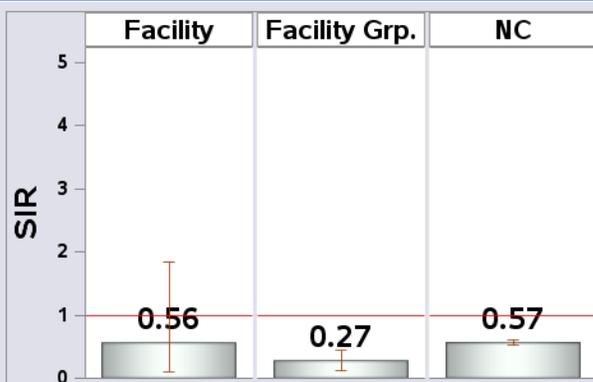


Table 1. Number of Observed and Predicted CLABSI Infections by ICU and Ward Type, Jan-Dec 2015

Unit Type	Observed Infections	Predicted Infections	How Does This Facility Compare to the National Experience?
Adult/Ped Units	2	3.5	Same
Neonatal Units	0	Less than 1.0	No Conclusion
All reporting units	2	3.6	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, 2006-2008.
 Note: In 2015, surveillance was expanded to include the reporting of observed infections in adult and pediatric medical, surgical, and medical/surgical wards locations in addition to ongoing ICU reporting

How Does This Facility Compare to the National Experience?
 = Same: About the same number of infections as predicted by the national baseline experience

Figure 1: SIRs and 95% confidence intervals, Jan-Dec 2015.

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 2015

Unit Type	Observed Events	Predicted Events	How Does This Facility Compare to the National Experience?
Facility-wide inpatient	3	1.2	Same

Note: SIR=Standardized Infection Ratio. SIR is calculated by #Observed/#Predicted.
 Note: Red line represents the NHSN baseline experience, 2010-2011.

How Does This Facility Compare to the National Experience?
 = Same: About the same number of infections as predicted by the national baseline experience

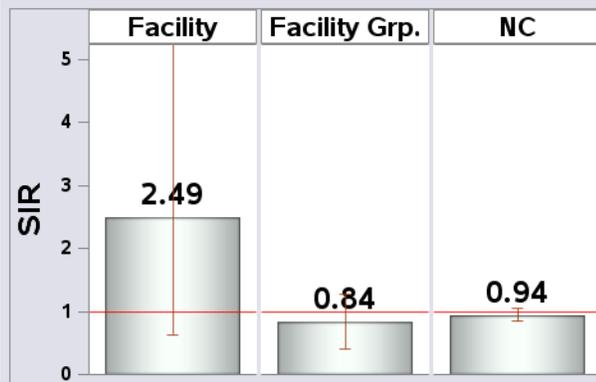


Figure 2: SIRs and 95% Confidence Intervals, Jan-Dec 2015.

Clostridium 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 2015

Unit Type	Observed Events	Predicted Events	How Does This Facility Compare to the National Experience?
Facility-wide inpatient	11	17	Same

Note: SIR=Standardized Infection Ratio. SIR is calculated by #Observed/#Predicted.
 Note: Red line represents the NHSN baseline experience, 2010-2011.

How Does This Facility Compare to the National Experience?
 = Same: About the same number of infections as predicted by the national baseline experience

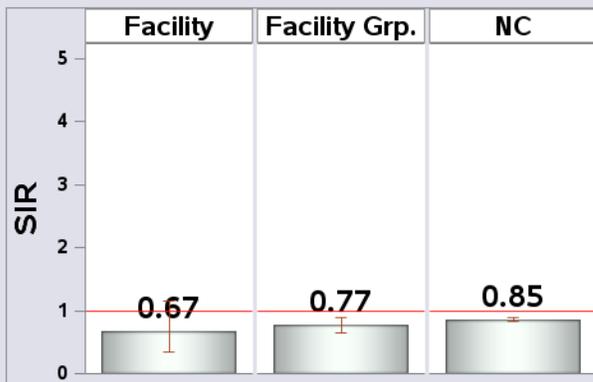


Figure 3: SIRs and 95% Confidence Intervals, Jan-Dec 2015.

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Catheter-Associated Urinary Tract Infections (CAUTI)

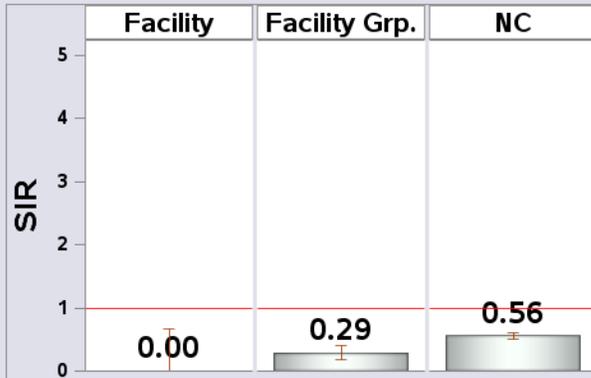


Figure 4: SIRs and 95% confidence intervals, Jan-Dec 2015.

Table 4. Number of Observed and Predicted Infections by ICU and Ward Type, Jan-Dec 2015.

Unit Type	Observed Infections	Predicted Infections	How Does This Facility Compare to the National Experience?
All reporting units	0	4.4	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, 2009.

Note: In 2015, surveillance was expanded to include the reporting of observed infections in adult and pediatric medical, surgical, and medical/surgical wards locations in addition to ongoing ICU reporting

Note: In 2015, CAUTI surveillance was restricted to include only urine cultures with a colony count \geq 100000 CFU/ML for at least one bacteria and to exclude pathogen results with only yeast, mold, dimorphic fungi or parasites

How Does This Facility Compare to the National Experience?

★ Better: Fewer infections than 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 2015.

Unit Type	Observed Infections	Predicted Infections	How Does This Facility Compare to the National Experience?
Facility-wide inpatient	2	1.0	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, 2006-2008.

How Does This Facility Compare to the National Experience?

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

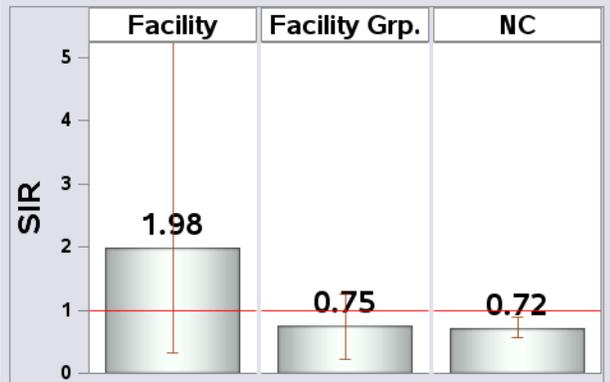


Figure 5: SIRs and 95% Confidence Intervals, Jan-Dec 2015.

Surgical Site Infections (SSI) after Colon Surgeries

Table 6. Number of Observed and Predicted SSI infections (colon surgeries), Jan-Dec 2015.

Unit Type	Observed Infections	Predicted Infections	How Does This Facility Compare to the National Experience?
Facility-wide inpatient	0	3.3	Better

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, 2006-2008.

How Does This Facility Compare to the National Experience?

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

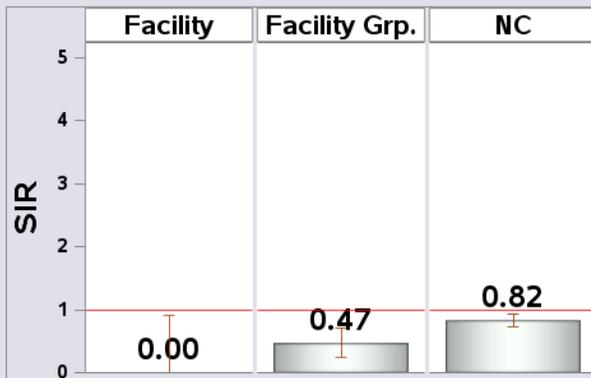


Figure 6: SIRs and 95% Confidence Intervals, Jan-Dec 2015.

Commentary From Facility:

At Novant Health, the safety of our patients comes first. Our goal is to have zero healthcare associated infections and we continually monitor our infection prevention processes for improvement opportunities. We support transparency in reporting infection rates and make common infection data available on our website. More information can be found under "Quality & safety" on NovantHealth.org.