# Healthcare-Associated Infections: The New Kid on the Reporting Block

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# **Presentation Overview**

- . Evolution of HAI Reporting in NC
- II. HAI Reporting & Surveillance
- III. Summary of 2012 HAI Surveillance Data
- IV. Future Directions

Evolution of HAI Reporting in North Carolina

# Burden of HAIs in the US • Estimated in 2002 • 1.7 million infections annually • 99,000 deaths • 1 out of 20 hospitalized patients affected • Estimated costs to be \$124 - \$348 million in NC

### HAI Reporting in NC:A Brief History

#### • April 2008:

 NC General Assembly convenes the Joint Study Committee on Hospital Infection Control and Disclosure

#### • January 2009:

 Joint Study Committee issues recommendations to NC General Assembly

# Joint Study Committee Recommendations:

 "Implement a mandatory, state-operated, statewide hospital acquired infection surveillance and reporting system... operating within the DHHS, Division of Public Health"

### HAI Reporting in NC: A Brief History

- 2009 legislative session:
  - NC House Bill 296/Senate Bill 300 introduced with strong support, but funding was not available
  - NC legislators drafted a Special Provision instructing NC DHHS to apply for HAI funds through the American Recovery & Reinvestment Act

### HAI Reporting in NC: A Brief History

- 2009-2010:
  - HAI Prevention Program
  - HAI Advisory Group convened
  - Designated infrastructure for HAI reporting
  - State HAI Plan drafted

### HAI Prevention Program

- Mission: Eliminate preventable infections in health care settings
- Objectives:
  - Conduct statewide surveillance for HAIs
  - Provide useful, unbiased information to healthcare providers and consumers
  - Promote and coordinate prevention efforts
  - Respond to outbreaks in healthcare settings

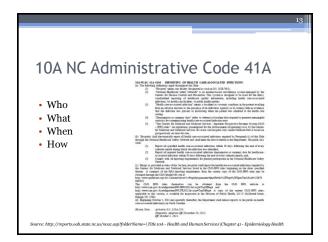
#### HAI Reporting in NC: A Brief History

- 2010–2011 legislative session:
  - Recommendation made by the NC HAI Advisory Group re: reporting platform and targets
  - 2 separate bills introduced (SB 347 & HB 809) with broad bi-partisan support
- June 27, 2011:
  - HB 809 signed by Gov. Purdue following unanimous passage in Senate and House

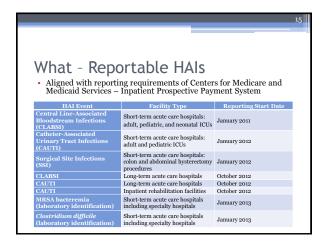
#### NC General Statute 130A-150

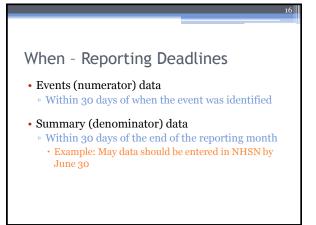
• "By December 31, 2011, the Department, in consultation with the State HAI Advisory Group and in accordance with rules adopted by the Commission... shall establish a statewide surveillance and reporting system for specified healthcare associated infections"

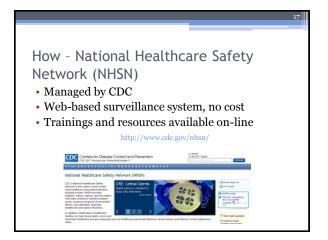
HAI Reporting & Surveillance

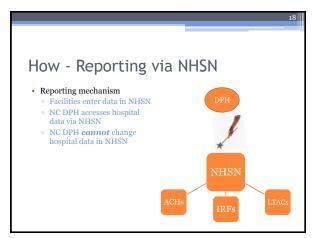






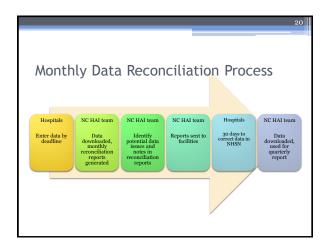


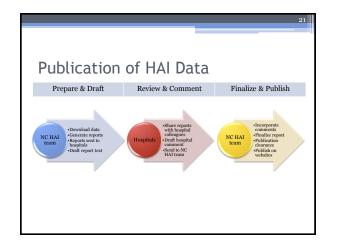


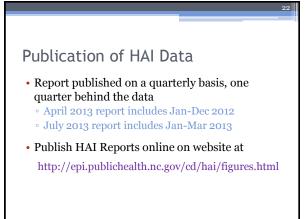


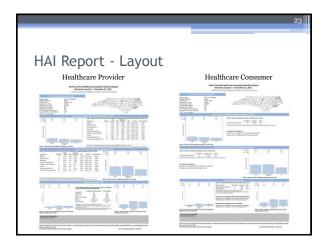
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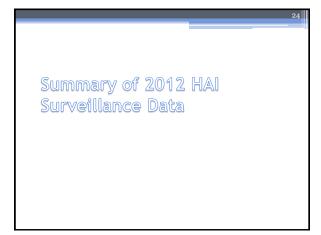
• "The Department shall release to the public aggregated and provider-specific data...if it deems the release of this data to be reliable and necessary to protect the public's health."

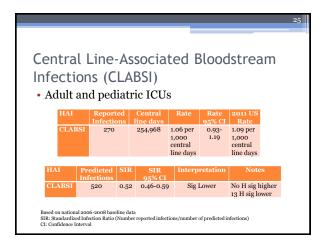


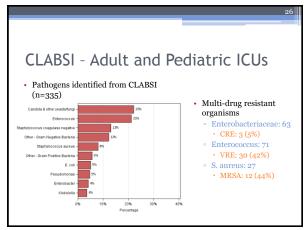


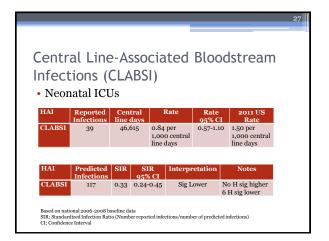


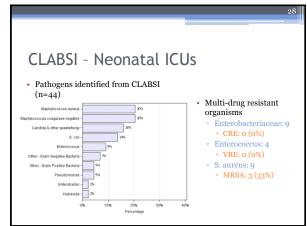


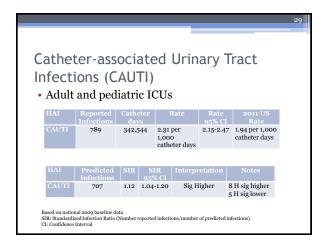


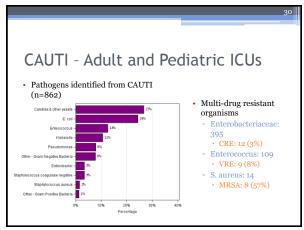


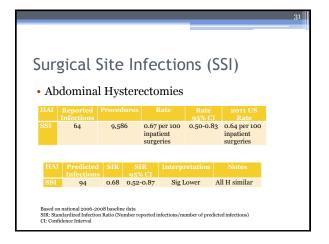


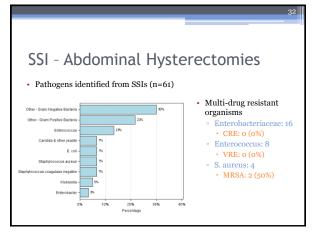


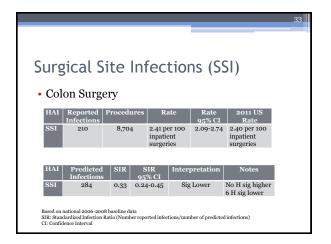


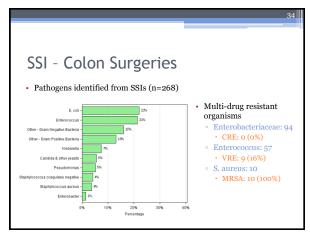














Plans for the Future

• No additional reportable HAIs in foreseeable future

• Among those already reportable

• Data validation

• Assess use of NC baseline versus national baseline

• Assess trends over time

• Continue to partner in HAI collaboratives to reduce HAIs in hospitals

# Other HAI-related Activities

- Carbapenem-resistant Enterobacteriaceae (CRE)
- One and Only Safe Injection Campaign



