HAI Reporting In Texas

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Objectives

• Review Current Status of Reporting
• Summarize Results from 2012 Data Audits
• Review 2012 Data summary
• Discuss Frequently Asked Questions
• Review What’s New?
• Discuss the Future of Reporting
# Reporting, Reporting, Reporting!

<table>
<thead>
<tr>
<th>PHASE</th>
<th>HAI</th>
<th>Facility Type/Unit</th>
<th>Start Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st</td>
<td>CLABSI</td>
<td>PEDIATRIC and ADULT General Hospital ICUs</td>
<td>October 1, 2011</td>
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<tr>
<td></td>
<td>KPRO and related SSIs</td>
<td>ADULT General Hospitals and ASCs</td>
<td>October 1, 2011</td>
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<td>VSHN and related SSIs</td>
<td>PEDIATRIC General Hospitals</td>
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<td>2nd (in addition to 1st phase)</td>
<td>HPRO and related SSIs</td>
<td>ADULT General Hospitals and ASCs</td>
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<td>CBGB and related SSIs</td>
<td>ADULT General Hospitals and ASCs</td>
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</tr>
<tr>
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<td>CBGC and related SSIs</td>
<td>ADULT General Hospitals and ASCs</td>
<td>January 1, 2012</td>
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<tr>
<td></td>
<td>CARD and related SSIs</td>
<td>PEDIATRIC General Hospitals</td>
<td>January 1, 2012</td>
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<tr>
<td></td>
<td>HTP and related SSIs</td>
<td>PEDIATRIC General Hospitals</td>
<td>January 1, 2012</td>
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<tr>
<td>3rd (in addition to 2nd phase)</td>
<td>VHYS and related SSIs</td>
<td>ADULT General Hospitals and ASCs</td>
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<td>HYST and related SSIs</td>
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<tr>
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<td>COLO and related SSIs</td>
<td>ADULT General Hospitals and ASCs</td>
<td>January 1, 2013</td>
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<tr>
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<td>PVBY and related SSIs</td>
<td>ADULT General Hospitals and ASCs</td>
<td>January 1, 2013</td>
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<tr>
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<td>CEA and related SSIs</td>
<td>ADULT General Hospitals and ASCs</td>
<td>January 1, 2013</td>
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<td>AAA and related SSIs</td>
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<tr>
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<td>FUSN and related SSIs</td>
<td>PEDIATRIC General Hospitals</td>
<td>January 1, 2013</td>
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<td></td>
<td>RFUSN and related SSIs</td>
<td>PEDIATRIC General Hospitals</td>
<td>January 1, 2013</td>
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<tr>
<td></td>
<td>LAM and related SSIs</td>
<td>PEDIATRIC General Hospitals</td>
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<td></td>
<td>CAUTI</td>
<td>PEDIATRIC and ADULT General Hospital ICUs</td>
<td>July 1, 2013</td>
</tr>
</tbody>
</table>
Publicly Reported Data
2012 HAI Data Audits

• Facilities selected based on 2012 SIRs
  – Site visits for those facilities with significantly high SIRs
  – As of August 1, 2013, 28 health care facilities have had on-site audits.

• Results:
  – 97% of events were reported accurately. Those responsible for reporting, mostly Infection Preventionists, had a good grasp of requirements and definitions.
  – Audits were an excellent opportunity to review HAI reporting and overall identification with staff responsible for surveillance in hospitals.
  – There is a need to expand the selection criteria for auditing to include health care facilities with zero infections.
Texas CLABSI SIR for 2012

Significantly Lower than National Experience

Significance Line

Texas Department of State Health Services
Texas SSI SIR for 2012

Significantly Better than National Experience

SIR

Significance Line

January 2012 to December 2012, SIR values range from 0.7 to 1.058.
Map of Health Service Regions
## CLABSI State Data

<table>
<thead>
<tr>
<th>Health Service Region</th>
<th>Central Line Days</th>
<th># CLABSIs</th>
<th>Predicted # Infections</th>
<th>SIR</th>
<th>SIR p-value</th>
<th>95% Confidence Interval</th>
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</thead>
<tbody>
<tr>
<td>HSR 1</td>
<td>41,119</td>
<td>49</td>
<td>88.89</td>
<td>0.551</td>
<td>0</td>
<td>0.408 - 0.729</td>
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<tr>
<td>HSR 2/3</td>
<td>275,593</td>
<td>256</td>
<td>556.69</td>
<td>0.46</td>
<td>0</td>
<td>0.405 - 0.520</td>
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<tr>
<td>HSR 4/5N</td>
<td>34,371</td>
<td>44</td>
<td>59.60</td>
<td>0.738</td>
<td>0.0214</td>
<td>0.536 - 0.991</td>
</tr>
<tr>
<td>HSR 6/5S</td>
<td>277,632</td>
<td>302</td>
<td>562.81</td>
<td>0.537</td>
<td>0</td>
<td>0.478 - 0.601</td>
</tr>
<tr>
<td>HSR 7</td>
<td>76,924</td>
<td>81</td>
<td>144.43</td>
<td>0.561</td>
<td>0</td>
<td>0.445 - 0.697</td>
</tr>
<tr>
<td>HSR 8</td>
<td>94,192</td>
<td>99</td>
<td>184.54</td>
<td>0.536</td>
<td>0</td>
<td>0.436 - 0.653</td>
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<tr>
<td>HSR 9/10</td>
<td>36,094</td>
<td>44</td>
<td>70.01</td>
<td>0.628</td>
<td>0.0006</td>
<td>0.457 - 0.844</td>
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<tr>
<td>HSR 11</td>
<td>69,325</td>
<td>121</td>
<td>131.86</td>
<td>0.918</td>
<td>0.1841</td>
<td>0.761 - 1.096</td>
</tr>
</tbody>
</table>
# SSI State Data

## Surgical Site Infection SIR by Health Service Region

<table>
<thead>
<tr>
<th>Health Service Region</th>
<th>Procedure Count</th>
<th># of SSIs</th>
<th>Predicted # Infections</th>
<th>SIR</th>
<th>SIR p-value</th>
<th>95% Confidence Interval</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSR 1</td>
<td>4,778</td>
<td>47</td>
<td>66.14</td>
<td>0.711</td>
<td>0.0084</td>
<td>0.519 - 0.950</td>
</tr>
<tr>
<td>HSR 2/3</td>
<td>26,745</td>
<td>287</td>
<td>374.60</td>
<td>0.766</td>
<td>0</td>
<td>0.678 - 0.862</td>
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<tr>
<td>HSR 4/5N</td>
<td>6,608</td>
<td>99</td>
<td>90.12</td>
<td>1.099</td>
<td>0.1874</td>
<td>0.889 - 1.343</td>
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<tr>
<td>HSR 6/5S</td>
<td>19,607</td>
<td>224</td>
<td>309.80</td>
<td>0.723</td>
<td>0</td>
<td>0.630 - 0.826</td>
</tr>
<tr>
<td>HSR 7</td>
<td>9,436</td>
<td>158</td>
<td>124.69</td>
<td>1.267</td>
<td>0.0023</td>
<td>1.074 - 1.485</td>
</tr>
<tr>
<td>HSR 8</td>
<td>8,516</td>
<td>155</td>
<td>119.78</td>
<td>1.294</td>
<td>0.0011</td>
<td>1.095 - 1.519</td>
</tr>
<tr>
<td>HSR 9/10</td>
<td>4,154</td>
<td>35</td>
<td>52.61</td>
<td>0.665</td>
<td>0.0065</td>
<td>0.460 - 0.931</td>
</tr>
<tr>
<td>HSR 11</td>
<td>5,906</td>
<td>68</td>
<td>96.59</td>
<td>0.704</td>
<td>0.0014</td>
<td>0.544 - 0.896</td>
</tr>
</tbody>
</table>
FAQs
#1 Most Common FAQ

- **Password Reset**
  - Resetting, expired, can’t log on, forgot, locked out of TxHSN, etc.
  - Link on HAI Texas website: How to Reset Your TXHSN Password (On *Resources page*)
    
    [http://www.dshs.state.tx.us/WorkArea/linkit.aspx?LinkIdentifier=id&ItemID=8589975173](http://www.dshs.state.tx.us/WorkArea/linkit.aspx?LinkIdentifier=id&ItemID=8589975173)

- **All functions require completing Security Question**
Password Security

- 8 Characters
- At least one number
- At least 3 letters
- At least 1 symbol
- Expires every 60 days
- Do not share your username/password

- **YOU** can reset your password if you forget as long as you set your Security Question!
Password about to expire/Change Password

On main page, click on person icon

• Enter and confirm new password
• Complete Security question, if not done so.
• Save
Expired Password

- Enter current password
- Click Login

- Prompted to enter new password
Forgot Password

• If you forgot your password, you can:
  ➢ If you already answered your Security Question when you were logged on in the past, you will be able to use the “Reset my password” link on the TxHSN Login Page
  ➢ Enter Login Name and Email

• If you have not answered your security question, contact HAITexas@dshs.state.tx.us
Other FAQs

• Facility Error Report
  – Log in to NHSN, Correct any Alerts found in your Action Items list.

• Enrolling Facility in NHSN
  – Link on HAITexas website: Getting Started with NHSN and TXHSN
    http://www.dshs.state.tx.us/WorkArea/linkit.aspx?LinkIdentifier=id&ItemID=8589972760

• Change of Contact
  – Email HAITexas@dshs.texas.gov
  – Sent Change of Contact form, Fax back
  – For NHSN, C-suite letter, fax to 404-929-0131
What comment should I submit?

• Facilities may submit comments to be displayed on the report

• Comments will not be approved if it:
  – Contains inappropriate language
  – Refers to another healthcare facility
  – Refers data from a different reporting time period (other than the current)
  – Are submitted after the comment deadline
  – Comments that are not meant to be publically displayed (e.g. “There are no errors to correct in NHSN for the time period of July- December 2012”)

TEXAS Department of State Health Services
Comment Examples:

• “Our ICUs consist of 3 units (2 PICUs and 1 CICU) and includes a total of 64 beds. VSHN surgical site infections include 1 superficial incisional and 1 deep incisional infection. CARD infections include 1 organ space infection.”

• “The majority of patients with infections related to coronary bypass surgery were high risk because of obesity. We have refocused our efforts to improve post op wound care to prevent infections in this high risk patient group.”

• “Facility did not perform any of the reportable procedures from July - December 2012 and therefore had no data to report.”

• “The goal at ***** Medical Center is zero infections. When an infection does occur, we take a proactive approach to identify any issues and ensure that all of our processes of care support quality and safety for our patients.”
What's NEW?
Three NHSN Facility Groups

- HAI!Texas
- HAI!Texas ASC*
- HAI!Texas LTAC*

For instructions on how to Join a Group, go to [www.HAI!Texas.org](http://www.HAI!Texas.org)
New Confer Rights Template

• In November 2013...
  – DSHS to update Confer Rights Templates for HAI-Texas General Hospitals and HAI-Texas LTAC groups in NHSN to include:
    • CAUTI reporting in ICUs
    • Addition of Oncology ICU location types

  – Expect an email with instructions in early November 2013!
NHSN

• NHSN Version 7.1 released February 16, 2013

• Definition changes

• After January 1, 2013, no longer have to monitor implants

• SAMS
A Look Ahead
TxHSN gets a face lift!
Future Reporting

• Preventable Adverse Events (PAE)
  – Examples: Blood Incompatibility, Stage 3 or 4 Pressure Ulcers, Wrong site, wrong patient, wrong procedure surgical event, patient death due to medication error, etc.
  – Anticipate that all data will be entered into TXHSN
  – Currently working to expand TxHSN to accept PAE reports
  – PAE reporting may start around the beginning of 2015.
Future Reporting

- Publically displaying number of deaths associated with HAIs in ~2014 (see example below).
- Currently, death info is already being reported to NHSN; therefore, no additional burden.

<table>
<thead>
<tr>
<th>Unit Type</th>
<th>Observed No. of CLABSI</th>
<th>No. of Central Line Days</th>
<th>Predicted No. of CLABSI</th>
<th>CLABSI SIR</th>
<th>SIR Statistical Interpretation*</th>
<th>No. of CLABSIs that Contributed to the Patient's Death</th>
</tr>
</thead>
<tbody>
<tr>
<td>NICU</td>
<td>0</td>
<td>200</td>
<td>0.579</td>
<td></td>
<td>Not enough data to calculate SIR</td>
<td>0</td>
</tr>
<tr>
<td>ICU-OTHER</td>
<td>2</td>
<td>4726</td>
<td>8.506</td>
<td>0.235</td>
<td>Better than the national experience</td>
<td>2</td>
</tr>
</tbody>
</table>

*NOTE: The SIR Statistical Interpretation only takes into consideration the SIR values. The facility is responsible for providing any additional explanation regarding deaths and if provided, can be found below in the Facility Comments Section.
Carbapenem Resistant *Enterobacteriacea* (CRE)
Future Reporting

• CRE-\textit{Klebsiella}, CRE-\textit{E.coli} and MDR-\textit{Acinetobacter} added to Notifiable Conditions reporting.
  – Currently accepting voluntary reports
  – Anticipated April 2014 start date.

• For case definitions, see NHSN MDRO protocol.

• \textbf{NOTE: This reporting will NOT be done via NHSN/TxHSN.}

CRE Webinar:

Questions? Contact Neil Pascoe at Neil.Pascoe@dshs.state.tx.us or 512-776-2358
HAITexas website
(http://www.dshs.state.tx.us/idcu/health/infection_control/hai/)

In Texas, reporting of selective health care-associated infections is mandatory.

Facility infection rates are published at HAI Data

Send your questions to the HAI Team

Last updated January 07, 2013
Questions?
Contact Information

• David Rhinehart, MT, CIC
  Clinical Specialist, HAI Reporting

• E-mail: HAITexas@dshs.texas.gov
david.rhinehart@dshs.texas.gov

• Phone: 512-776-6878