

On the CUSP: STOP BSI Data We Can Count On

Learning Objectives

- To understand the data collection and entry requirements for the STOP-BSI initiative.
- To understand the importance of accurate data collection and entry.

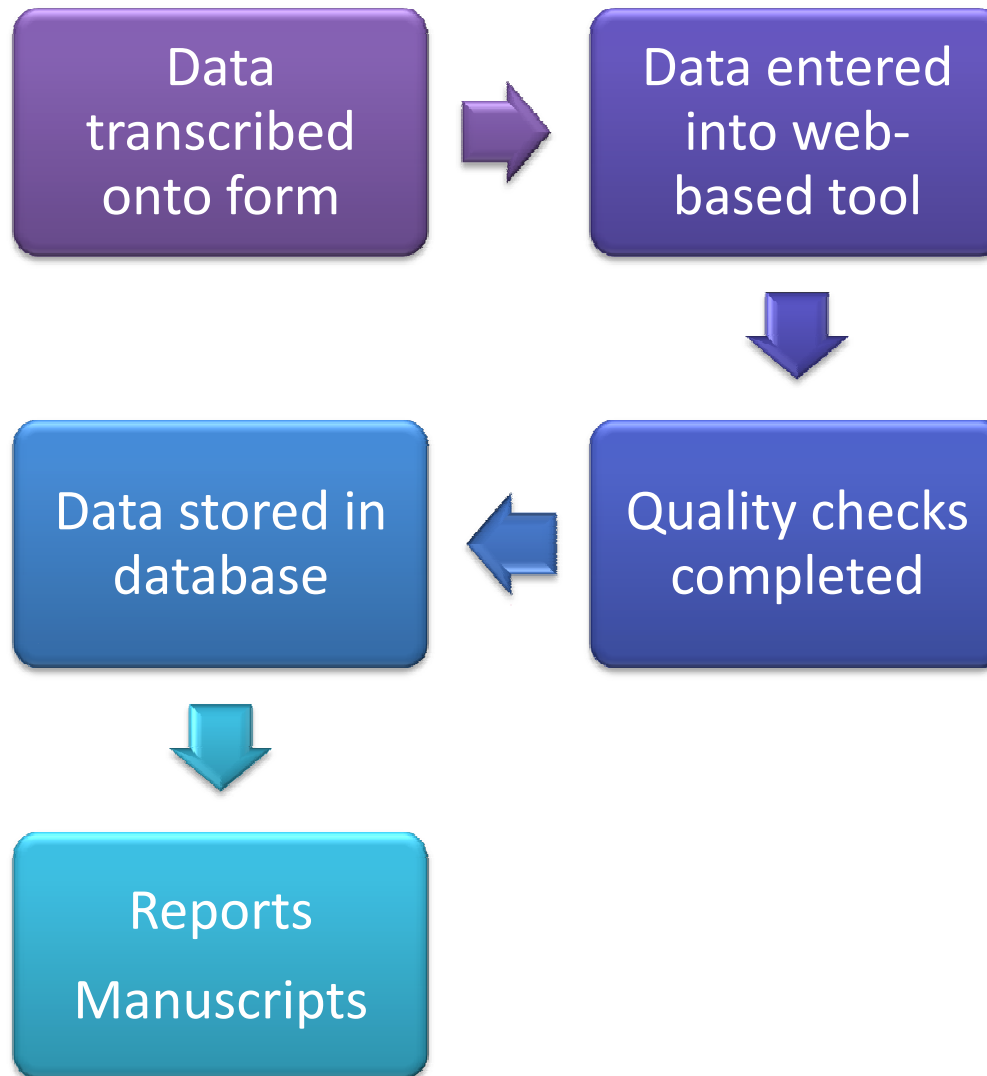
Importance of “Good” Data

- We must ensure that the data we collect are accurate, complete and in the required format.
- The data we collect and enter are the ultimate proof of our success & will be shared broadly (i.e., they will influence care and policy).

Roles of Data

- Baseline – Tells us where we are at the start.
- On-going – Tells us whether and how we are changing our outcomes and performance.
- Overall – Tells us what impact we (i.e., the project and its initiatives) have on the goal of reducing/eliminating CLABSIs.

Data Flow



Required Data

- Baseline Administrative
- Baseline CLABSI
- Monthly CLABSI
- Monthly Team Checkup Tool

Data Entry

- Web-based data entry tool. Tool provides for data entry and reporting
- Data entered by the 15th of each month.
- Users can edit data. Rolling 6-month lock on the data.
- Data quality checks built into the system.

CLABSI Data

- Baseline: entered once at start of project. Usually for the year preceding the start of the project.
- Monthly: entered by the 15th of the month. For example, January's data is due for entry by February 15th.
- Total number of CLABSIs in the unit for the period of interest (baseline or month). *Numerator*
- Total number of central line days in the unit for the period of interest(baseline or month). *Denominator*

Sources of CLABSI Data

- Often these data are available from the infectious disease control practitioners in your hospital.
- Team leader needs to arrange to obtain the data from infection control for baseline and monthly thereafter.
- Need to establish a pathway and process for resolving problems, questions with data.

Monthly Team Checkup

- Completed monthly by team leader. Data entry completed by the 15th of the month.
- Form provides a snapshot of team activity during the month.
- Allows team leaders, executives, collaborative sponsor and faculty to identify strengths and weaknesses of teams. Help teams who need help and identify teams who might mentor other teams.

Web-Based Data Entry

The screenshot shows a Microsoft Internet Explorer browser window. The title bar reads "Forms Authentication, Authorization, and User Accounts - Microsoft Internet Explorer". The address bar contains the URL "http://www.jhudisc2.org/qsrq/login.aspx?ReturnUrl=%2fqsrq%2fdefault.aspx". The main content area features a dark grey rectangular box with the text "QUALITY & SAFETY RESEARCH GROUP" and the tagline "Applying science to make healthcare delivery safer & easier." Below this box is a "Log In" form with two input fields: "User Name:" and "Password:". A "Log In" button is positioned to the right of the password field. The browser's status bar at the bottom shows "Done" and "Internet". The Windows taskbar at the very bottom includes the Start button, several open applications (Inbox - Microsoft Out..., RE: Site available to..., Microsoft PowerPoint..., Forms Authentication...), and the system clock showing "12:40 PM".

Data Tool Main Menu



Data Tool Forms Menu

Untitled Page - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites RSS Print Mail News Groups

Address <http://www.jhudisc2.org/qsrq/default.aspx> Go Links Convert Select

QUALITY & SAFETY RESEARCH GROUP
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Logged in as: qsrqtest
[Logout](#)

Welcome to the QSRG site

Please contact [Andre Hackman](#) with webtool questions.

- Home
- ICU
 - Infection Control - CLABSI Baseline
 - Infection Control - CLABSI Monthly
 - Infection Control - CLABSI Monthly UK
 - Team Checkup
- Update User Profile
- Domain Management
- User Management
- Contact Us

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CLABSI Baseline Form

http://www.jhudisc2.org/qsrg/clabsibase.aspx?ENTID=4&formmode=insert - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites

Address http://www.jhudisc2.org/qsrg/clabsibase.aspx?ENTID=4&formmode=insert Go Links Convert Select

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Baseline Central Line-Associated Blood Stream Infection Data (CLABSI)

Home
ICU
Update User Profile
Domain Management
User Management
Contact Us

Entity: Mercy Hospital -> ICU

Please complete the following data **FOR THE PAST 12 Months**
If past 12 months is not available, enter data for the **most recent quarter**.

Time Period

From: **Through:**
mm/dd/yyyy mm/dd/yyyy

During the baseline period:

1. How many central line-associated blood stream infections (*NHSN definition*) were ascribed to this ICU during this time period?

2. Total number of central line days (*NHSN definition*) in this ICU during this time period?

No Data Collected for This Period

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CLABSI Monthly Form 1

http://www.jhudisc2.org/qsrg/CLABSIMONTHLYList.aspx - Microsoft Internet Explorer

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Address http://www.jhudisc2.org/qsrg/CLABSIMONTHLYList.aspx Go Links Convert Select

QUALITY & SAFETY RESEARCH GROUP
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Home
ICU ▶
Update User Profile
Domain Management ▶
User Management ▶
Contact Us

Entity: Mercy Hospital -> ICU

CLABSI Monthly Forms have been entered through current month

Active Monthly CLABSI Forms - Open for edit

Month	Year	Data Not Collected	
March	2009	<input checked="" type="checkbox"/>	Edit data
February	2009	<input type="checkbox"/>	Edit data
January	2009	<input type="checkbox"/>	Edit data
December	2008	<input type="checkbox"/>	Edit data

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CLABSI Monthly Form 2

http://www.jhudisc2.org/qsrg/clabsimonthly.aspx?ENTID=4&CLMMONTH=3&CLMYEAR=2009&formmode=edit - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Print Mail New Tab

Address http://www.jhudisc2.org/qsrg/clabsimonthly.aspx?ENTID=4&CLMMONTH=3&CLMYEAR=2009&formmode=edit Go Links Convert Select

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Monthly Central Line-Associated Blood Stream Infection Data (CLABSI)

Home
ICU
Update User Profile
Domain Management
User Management
Contact Us

Entity: Mercy Hospital -> ICU

Please complete the following data FOR THE PAST MONTH

Month: March **Year:** 2009

During the past month:

1. How many central line-associated blood stream infections (NHSN definition) were ascribed to this ICU during this time period?

2. Total number of central line days (NHSN definition) in this ICU during this time period?

Not Collected

Save Cancel

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Team Checkup Tool 1

http://www.jhudisc2.org/qsrg/teamcheckuplist.aspx - Microsoft Internet Explorer

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Address http://www.jhudisc2.org/qsrg/teamcheckuplist.aspx Go Links Convert Select

QUALITY & SAFETY RESEARCH GROUP
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Home
ICU
Update User Profile
Domain Management
User Management
Contact Us

Entity: Mercy Hospital -> ICU

Click to enter Team Checkup for February 2009

Active Team Checkup Forms - Open for edit

Month	Year	Data not collected	Edit data
January	2009	<input checked="" type="checkbox"/>	Edit data
December	2008	<input type="checkbox"/>	Edit data

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Team Checkup Tool 2

Forms Authentication, Authorization, and User Accounts - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <http://www.jhudisc2.org/qsrq/teamcheckup.aspx?ENTID=4&TCMONTH=2&TCYEAR=2009&formmode=insert>

Entity: Mercy Hospital -> ICU

Insert NEW Team Checkup Tool

Month: **February** Year: **2009** No Data Collected this month

- Please indicate the modules in which your team participated by checking all that apply.
 - CUSP
 - BSI
 - Daily Goals
- How often did your senior executive meet with your team regarding the ICU project (please enter a number)?
- How often did your senior executive review your unit's ICU performance data (please enter a number)?
- Did your team have a chance to present your unit's ICU performance data to senior hospital/health system leadership?
- Did your team have a chance to present your unit's ICU performance data to senior hospital/health system Board of Directors?
- How many times did your team meet (please enter a number)?
- How often did your team review your ICU performance data (please enter a number)?
- How often did your team share your performance results broadly with ICU staff (please enter a number)?
- If data were shared with ICU staff, please indicate how feedback was provided by checking all that apply.
 - Verbal Report
 - Poster
 - Written Report
 - Other

If Other, please describe:

- As part of CUSP activities, did your team learn from a defect this month?

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Team Checkup Tool 3

Forms Authentication, Authorization, and User Accounts - Microsoft Internet Explorer

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Back Forward Stop Home Search Favorites Refresh Print Mail Internet Options

Address <http://www.jhudisc2.org/qsrg/teamcheckup.aspx?ENTID=4&TCMONTH=2&TCYEAR=2009&formmode=insert> Go Links Convert Select

In the past month, did any of the following slow your team's progress?

11a. Insufficient knowledge of evidence supporting interventions	Please select
11b. Lack of team member consensus regarding goals	Please select
11c. Not enough time	Please select
11d. Lack of quality improvement skills	Please select
11e. Not enough buy-in from other staff members in your area	Please select
11f. Not enough buy-in from other physician staff in your area	Please select
11g. Not enough buy-in from other nursing staff in your area	Please select
11h. Burden of data collection	Please select
11i. Not enough leadership support from executives	Please select
11j. Not enough leadership support from physicians	Please select
11k. Not enough leadership support from nurses	Please select
11l. Insufficient autonomy/authority	Please select
11m. Inability of team members to work together	Please select

If the response to 11m is To Some Extent or Yes, please indicate whether any of the following contributed to the team's inability to work together.

m.1. Insufficient participation of one or more team members	Please select
m.2. Some members do not value the contributions of other team members	Please select
m.3. Low or no feeling of being a team	Please select

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Team Checkup Tool 4

Forms Authentication, Authorization, and User Accounts - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Print Mail Internet Options

Address http://www.jhudisc2.org/qsrg/teamcheckup.aspx?ENTID=4&TCMONTH=2&TCYEAR=2009&formmode=insert

11g. Not enough buy-in from other nursing staff in your area

11h. Burden of data collection

11i. Not enough leadership support from executives

11j. Not enough leadership support from physicians

11k. Not enough leadership support from nurses

11l. Insufficient autonomy/authority

11m. Inability of team members to work together

If the response to 11m is To Some Extent or Yes, please indicate whether any of the following contributed to the team's inability to work together.

m.1. Insufficient participation of one or more team members

m.2. Some members do not value the contributions of other team members

m.3. Low or no feeling of being a team

m.4. Personality conflicts

m.5. Poor conflict resolution skills

Please select

Please select

Please select

Please select

Please select

Please select

Please select

Please select

Please select

Please select

Save Cancel

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Action Items

- Identify HOW and from WHOM CLABSI data (numerator & denominator) will be obtained.
- Determine the process for completing the Monthly Team Checkup Tool.
- Identify WHO will be responsible data entry in your ICU.
- Ensure that everyone involved in data entry is trained & understands what they need to do.
- Develop a process for ensuring compliance with data quality control.