

Helpful Tips for CLABSI Reporting for the Centers for Medicare and Medicaid Services' Hospital Inpatient Quality Reporting Program (CMS Reporting Program)

1. Verify Your Facility's CMS Certification Number (CCN)

With the release of NHSN version 6.4, all facilities will have the ability to update their CCN on record with NHSN. An accurate CCN is required for those facilities participating in the CMS Reporting Program, as this is the ID that will be used to submit ICU CLABSI data to CMS on your behalf.

To update the CCN, use the **Facility > Facility Info** option within NHSN. At the top of the screen, verify and update, if necessary, the CCN in the appropriate data entry field. If any changes have been made, remember to click the **"Update"** button at the bottom of screen.

Please be sure to double- and triple-check this number!

2. Check the Monthly Reporting Plan each month

As mentioned in the March 2011 NHSN Newsletter (available at: http://www.cdc.gov/nhsn/PDFs/Newsletters/NHSN_NL_MAR_2011_final.pdf), when NHSN releases 2011 CLABSI data to CMS for those hospitals participating in the CMS Reporting Program, only those months in which the facility included CLABSI in its NHSN monthly reporting plan (MRP) will be included (i.e., in Plan CLABSI). It is the responsibility of each facility to check their monthly reporting plans for compliance with this measure. Please review the March 2011 newsletter for details.

3. Use NHSN Analysis Tools to check for accuracy and completion

Did you know that all data entered into NHSN are immediately available for analysis? By using the Analysis option in NHSN, you can generate datasets and then obtain various reports through the Output Options selection.

CLABSI Rate Tables and the **In-Plan CLABSI SIR** will allow you to review your data for inaccuracies and progress towards meeting the reporting requirements. Additionally, with NHSN version 6.4, you can review a new output option, "Line Listing – Events Reported with 0 Device Days" that will indicate if any CLABSIs have been reported without corresponding denominator data.

REMEMBER: If you make any changes to your data, or add data, you will need to regenerate datasets in order to have those changes reflected in the analysis output options!

Here are some helpful questions to ask yourself as you review your facility's data:

- Is the number of CLABSIs accurate? If No, check the following:
 - Have all CLABSIs been entered into NHSN?

- Is the location correct on each CLABSI?
- Has “Central Line” been answered as ‘No’? Note that when this happens, the event is considered a non-CL primary BSI and would not be included in the CLABSI analyses!
- Are the denominators accurate (i.e., central line days and patient days)?
 - Check if the patient days or central line days seem unusual. For example, 1000 patient days were recorded instead of 100 patient days
 - Have denominator data for NICU locations been entered appropriately (i.e., patient days, CL and UC days by birth weight)?
- Have all months been included for all of your ICU & NICU locations?
 - If a month is missing from the rate table, the summary data have not been entered! You may wish to look at rate table data by bsiPlan = Y to help pinpoint specific issues.
 - If data are missing from the “SIR – In-Plan CLAB Data” report, check that summary data are entered and that the missing locations are included in your monthly reporting plan for the affected month(s).

Example: Missing month from “SIR – In-Plan CLAB Data”

The last table in the CLABSI SIR provides location-level detail that should be reviewed prior to interpreting an overall SIR. Notice in the table below, the “Months” column indicates that only 1 month of data was included in the SIR for the location for the quarter – this could be the result of either missing summary data or an inaccurate monthly reporting plan.

**National Healthcare Safety Network
SIR for In-Plan Central Line-Associated BSI Data - By OrgID/Location**

As of: May 18, 2011 at 10:32 AM
Date Range: CLAB_RATESALL summaryYr 2011 to 2011
if (((bsiPlan = "Y")))

Org ID=10018

Org ID	Location	Summary Yr/Qtr	Months	infcount	Number Expected	Central Line Days	SIR	SIR p-value	95% Confidence Interval
10018	71ICU	2011Q1	1	2	0.280	200	.	.	

If infCount in this table is less than you reported, aggregate data are not available to calculate numExp. Lower bound of 95% Confidence Interval only calculated if infCount > 0. SIR values only calculated if numExp >= 1. Source of aggregate data: NHSN Report, Am J Infect Control 2009;37:783-805

Example: Using the “Line Listing – Events Reported with 0 Device Days” Output Option

This output option will be available with NHSN version 6.4 in the Advanced > Data Quality output options folder. This line list includes those months where at least one device-associated event (i.e., CLABSI, VAP, or CAUTI) was reported with either 0 corresponding device days or a missing summary record. You may wish to limit this output option by time period and event type to drill-down to specific issues.

In the table below:

- The first outlined row (in green) shows that 1CLABSI was reported for 3E, January 2011, yet summary data have not been entered (indicated by the “missing” (.) patient and device days.). A device-associated summary data record would need to be entered into NHSN with the appropriate number of patient and device days.
- This second highlighted row (in purple) shows that 4 CLABSIs were reported for INSURGCC, January 2011, and the CL day count (numddays) was reported as 0. This summary data would have to be edited in NHSN to reflect the appropriate number of device days for the month.

National Healthcare Safety Network

Line Listing of Events Reported with 0 Device Days

As of: April 6, 2011 at 12:49 PM

Date Range: MISSINGDDAYS summaryYM 2011M01 to 2011M01

Carefully review this list, which includes those months where at least one DA event was reported with no corresponding device days. Enter the appropriate summary data or remove the event from your plan

Org ID	summaryYM	summaryType	Location	Event Type	eventCount	Birth Wt Code	Patient Days	numddays	plan
10018	2011M01		3E	CLAB	1		.	.	Y
10018	2011M01		INMEDCC	CLAB	3		.	.	Y
10018	2011M01	ICU	INSURGCC	CLAB	4		100	0	Y
10018	2011M01		NICU	CLAB	1		.	.	N

Sorted by orgID summaryYM

Data contained in this report were last generated on March 21, 2011 at 7:36 AM.