

**California Department of Public Health
Central Line Associated Bloodstream Infections (CLABSI)
Participation Alert
Quality Assurance/Quality Control Report**

Using NHSN Analysis to Review and Confirm CLABSI Data

To verify the NHSN Participation Alerts included in your CDPH QA/QC report, you should run your own report using NHSN Analysis features. This document demonstrates step-by-step how to run a report to confirm the alerts in NHSN.

“**Participation Alerts**” are an advanced output option in NHSN analysis that allows facility administrators to view CLABSI surveillance that are not compliant with NHSN requirements. Why are Participation Alerts important? If there are potential deficiencies in your data, the Participation Alert Report will indicate the month and year, event type, and alert type in a line listing. It is recommended that the Participation Alert report be run and reviewed regularly by your hospital to find potential reporting deficiencies.

SAMPLE: CLABSI-PA QA/QC Report sent to a hospital by CDPH

<i>QUALITY ASSURANCE/QUALITY CONTROL CENTRAL LINE ASSOCIATED BLOODSTREAM INFECTIONS (CLABSI) PARTICIPATION ALERTS LINE LISTING JANUARY 2013 - AUGUST 2013 (8 MONTHS) NHSN DOWNLOAD DATE: SEPTEMBER 16, 2013*</i>				
MONTH	LOCATION	CDC LOCATION	ALERT TYPE	EVENT TYPE
JAN2013	6MSN	IN:ACUTE:WARD:M	3: Month with denominator and no plan	CLAB
MAR2013	6MSN	IN:ACUTE:WARD:M	4: Month with events and no denominator or no plan	CLAB
JUL2013	6MSN	IN:ACUTE:WARD:M	1: Month with plan and no denominator	CLAB

Please note: the examples provided in this document contain screenshots from a fictitious facility with fictitious data.

Before running this output option, remember to generate your datasets for the most up-to-date data reported to NHSN by your facility! To generate datasets, go to Analysis → Generate Data Sets, and then click “Generate New”.

1. In the NHSN Portal, click Analysis → Output Options → Advanced → Facility-level Data → CDC Defined Output → Line Listing – Participation Alerts → Modify

Patient Safety Component
Analysis Output Options [HELP](#)

Expand All Collapse All

- Device-Associated Module
- Procedure-Associated Module
- MDRO/CDI Module - Infection Surveillance
- MDRO/CDI Module - LABID Event Reporting
- MDRO/CDI Module - Process Measures
- MDRO/CDI Module - Outcome Measures
- Vaccination Module
- Antimicrobial Use and Resistance Module
- Advanced

Navigation Menu:
Patient
Event
Procedure
Summary Data
Import/Export
Analysis
Generate Data Sets
Output Options
Statistics Calculator
Surveys
Users
Facility
Group
Log Out

[Create New custom Option](#)

- CMS Reports
- Patient-level Data
- Event-level Data
- Procedure-level Data
- Summary-level Data
- Plan Data
- Pathogen-level Data
- Facility-level Data
- CDC Defined Output
 - Line Listing - Facility Enrollment Data [Run] [Modify]
 - Line Listing - Conferred Rights [Run] [Modify]
 - Line Listing - Hospital Survey (CDC 57.103, Rev.2) [Run] [Modify]
 - Line Listing - Hospital Survey (CDC 57.103, Rev.3) [Run] [Modify]
 - Line Listing - Dialysis Survey [Run] [Modify]
 - Line Listing - Participation Alerts [Run] [Modify]

- 2. After clicking “Modify”,
 - Check “Use Variable Labels” for ease of reading column headers.
 - Choose your time period (located in the header of QA/QC report)
 - Date Variable: planYM
 - Beginning: 01/2013
 - Ending: 08/2013

Reporting Plan Patient Event Procedure Summary Data Import/Export Analysis Generate Data Sets Output Options Statistics Calculator Surveys Users Facility Group Log Out	Line Listing HELP
	Analysis Data Set: ParticipationAlert Export Analysis Data Set
	Modify Attributes of the Output:
	Last Modified On:
	Output Type: Line Listing
Output Name: <input type="text" value="Line Listing - Participation Alerts"/>	
Output Title: <input type="text" value="Line Listing - Participation Alerts"/>	
Select output format:	
Output Format: <input type="text" value="HTML"/> ▼	

<input checked="" type="checkbox"/> Use Variable Labels
Select a time period or Leave Blank for Cumulative Time Period: HELP
Date Variable Beginning Ending
<input type="text" value="planYM"/> ▼ <input type="text" value="01/2013"/> <input type="text" value="08/2013"/> Clear Time Period
<input type="checkbox"/> Enter Date variable/Time period at the time you click the Run button

**QUALITY ASSURANCE/QUALITY CONTROL
CENTRAL LINE ASSOCIATED BLOODSTREAM INFECTIONS (CLABSI)
PARTICIPATION ALERTS LINE LISTING
JANUARY 2013 - AUGUST 2013 (8 MONTHS) ←
NHSN DOWNLOAD DATE: SEPTEMBER 16, 2013***

3. Go to “Specify Other Selection Criteria”

- Column 1: Select “module”, Click on the cell below “module”, then type “DA” under Value(s).
 - **Note:** DA is case sensitive
- Column 2: Select “eventType”, Click on the cell below “eventType”, then select “CLAB-Central Line-Associated BSI” under Value(s)

Specify Other Selection Criteria: [HELP](#)

[Show Criteria](#) [Column +](#) [Row +](#) [Clear Criteria](#)

module	▼	eventType	▼
= DA		= CLAB	

Specify an operator and value(s) for selection criteria:

<u>Variable</u>	<u>Operator</u>	<u>Value(s)</u>
module	= ▼	DA

Save Clear Close

Specify an operator and value(s) for selection criteria:

<u>Variable</u>	<u>Operator</u>	<u>Value(s)</u>
eventType	= ▼	CLAB - Central Line-Associated BSI ▼

Save Clear Close

4. Scroll down to “Other Options”
 - Select “Run”

Other Options: [HELP](#) [Print Variable Reference List](#)

Modify Variables To Display By Clicking: [Modify List](#)

Specify Sort Variables By Clicking: [Modify List](#)

Select Page by variable: ▼

➔

Results (output) from NHSN are shown below. If a second window does not pop-up, please be sure to check your pop-up blocker and allow pop-ups from *.cdc.gov.

5. Now compare your NHSN report to your QA/QC report (below).

This alert indicates in January 2013, denominator data was entered for location 6MSN and the location is not in the monthly reporting plan.

National Healthcare Safety Network
Line Listing - Participation Alerts
 Module=DA

Module	Plan YM	Alert Type	Event Type	Alert	Birth Wt Code	CDC Location	Location	Location Type
DA	2013M01	3. Month with denom and no plan	CLAB	3		IN:ACUTE:WARD:M	6MSN	WARD
DA	2013M03	4. Month with events and no denom/plan	CLAB	4		IN:ACUTE:WARD:M	6MSN	WARD
DA	2013M06	1. Month with plan and no denom	CLAB	1		IN:ACUTE:WARD:M	6MSN	WARD

MONTH	LOCATION	CDC LOCATION	ALERT TYPE	EVENT TYPE
JAN2013	6MSN	IN:ACUTE:WARD:M	3: Month with denominator and no plan	CLAB
MAR2013	6MSN	IN:ACUTE:WARD:M	4: Month with events and no denominator or no plan	CLAB
JUL2013	6MSN	IN:ACUTE:WARD:M	1: Month with plan and no denominator	CLAB

This alert indicates in March 2013 an event was entered for location 6MSN and no denominator was entered and it is not in the monthly reporting plan.

**National Healthcare Safety Network
Line Listing - Participation Alerts**

Module=DA

Module	Plan YM	Alert Type	Event Type	Alert	Birth Wt Code	CDC Location	Location	Location Type
DA	2013M01	3. Month with denom and no plan	CLAB	3		IN:ACUTE:WARD:M	6MSN	WARD
DA	2013M03	4. Month with events and no denom/plan	CLAB	4		IN:ACUTE:WARD:M	6MSN	WARD
DA	2013M06	1. Month with plan and no denom	CLAB	1		IN:ACUTE:WARD:M	6MSN	WARD

MONTH	LOCATION	CDC LOCATION	ALERT TYPE	EVENT TYPE
JAN2013	6MSN	IN:ACUTE:WARD:M	3: Month with denominator and no plan	CLAB
MAR2013	6MSN	IN:ACUTE:WARD:M	4: Month with events and no denominator or no plan	CLAB
JUL2013	6MSN	IN:ACUTE:WARD:M	1: Month with plan and no denominator	CLAB

This alert indicates in June 2013, location 6MSN is in the monthly reporting plan but no denominator data has been entered.

**National Healthcare Safety Network
Line Listing - Participation Alerts**

Module=DA

Module	Plan YM	Alert Type	Event Type	Alert	Birth Wt Code	CDC Location	Location	Location Type
DA	2013M01	3. Month with denom and no plan	CLAB	3		IN:ACUTE:WARD:M	6MSN	WARD
DA	2013M03	4. Month with events and no denom/plan	CLAB	4		IN:ACUTE:WARD:M	6MSN	WARD
DA	2013M06	1. Month with plan and no denom	CLAB	1		IN:ACUTE:WARD:M	6MSN	WARD

MONTH	LOCATION	CDC LOCATION	ALERT TYPE	EVENT TYPE
JAN2013	6MSN	IN:ACUTE:WARD:M	3: Month with denominator and no plan	CLAB
MAR2013	6MSN	IN:ACUTE:WARD:M	4: Month with events and no denominator or no plan	CLAB
JUL2013	6MSN	IN:ACUTE:WARD:M	1: Month with plan and no denominator	CLAB

Additionally, we do not include alert type #6 in our QAQC as this alert is intended to be a check-point and does not indicate non-compliance.

Note: The top of your QA/QC report has the date the data was downloaded from NHSN. If you have modified your data (i.e. added or deleted data) since this date, your NHSN report ***could*** be different than the QA/QC report generated by CDPH.

*QUALITY ASSURANCE/QUALITY CONTROL
CENTRAL LINE ASSOCIATED BLOODSTREAM INFECTIONS (CLABSI)
PARTICIPATION ALERTS LINE LISTING
JANUARY 2013 - AUGUST 2013 (8 MONTHS)
NHSN DOWNLOAD DATE: SEPTEMBER 16, 2013* ←*

If you have any questions, please feel free to email, HAI_DATA@cdph.ca.gov

The following are definitions for the alert categories (numbered 1 through 6) that can be found in the Participation Alert Report.

Alert 1: Month with plan and no denominator

This means that you have indicated in your monthly reporting plan that you would follow the event type for the location and month specified, but no denominator data have been entered.

Alert 2: Month with plan and event and denominator = 0

This alert indicates that a plan and at least one event of the type listed for the location and month has been entered, however the denominator has been entered as "0".

Alert 3: Month with denominator and no plan

This alert indicates that you have entered denominator data for the location, month, and event type but you did not indicate that you would be following the event type in your monthly reporting plan.

Alert 4: Month with events and no denominator or no plan

This alert means that you have events of a certain type entered for a month and location in which there is no monthly reporting plan for that event –or– there are no denominator data entered.

Alert 5: Month with 0 rate (no events entered)

This alert indicates that you have denominator data but there are no events entered and the Report No Events box has not been checked.

Alert 6: Month with plan and denominator = 0

This alert indicates that you indicated in your monthly reporting plan that you would conduct CLABSI surveillance for a particular month and location. The denominator (Central line Days) associated with that location has been entered as 0. This alert is intended to be a check-point and does not indicate non-compliance.