

California Department of Public Health *Clostridium difficile* Infection (CDI) Quality Assurance/Quality Control Report

Using NHSN Analysis to Review and Confirm CDI LabID Data

To verify the numbers of CDI LabID data 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 total number of LabID events, patient days, and admissions your hospital entered into NHSN.

SAMPLE: CDI QA/QC Report sent to a hospital by CDPH

MONTHLY REPORTING PLAN COMPLETE	MONTH	CDIF COMMUNITY-ONSET, ADMISSION PREVALENCE COUNT (CO)	CDIF HEALTHCARE FACILITY-ONSET INCIDENT COUNT (HO)	CDIF TOTAL LAB ID COUNT	PATIENT DAYS	NUMBER OF ADMISSIONS
✓	2013M01	0	0	0	874	366
✓	2013M02	0	4	4	4779	28
✓	2013M03	0	0	0	5160	330
✓	2013M04	0	3	3	4849	319
✓	2013M05	0	2	2	5096	310
✓	2013M06	0	2	3	4691	292
✓	2013M07	missing	missing	missing	missing	missing
✓	2013M08	0	1	1	5123	353

NHSN Data Source: Rate Tables for CDIF LabID Data.
Guidance Documents on CDPH website: <http://cdphinternet/programs/hai/Pages/QAQC-CDI.aspx>

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 → MDRO/CDI Module - LABID Event Reporting → All C. difficile LabID Events → CDC Defined Output → Rate Tables for CDIF LabID Data → Modify

2. After clicking “Modify”, go to “Select output format”
 - Check “Use Variable Labels” for ease of reading column headers.

- Go to “Select a time period or Leave Blank for Cumulative Time Period”
 - Choose your time period (located in the header of QA/QC report)
 - Date Variable: summaryYM
 - Beginning: 01/2013
 - Ending: 08/2013

Select a time period or Leave Blank for Cumulative Time Period: [HELP](#)

Date Variable	Beginning	Ending	Clear Time Period
summaryYM ▼	01/2013	08/2013	

Enter Date variable/Time period at the time you click the Run button

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3. Go to “Specify Other Selection Criteria”
 - Column 1: Select “location”, click on the cell below “location”, then chose “FACWIDEIN” as a modifier

Specify Other Selection Criteria: [HELP](#)

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

location	▼
= FACWIDEIN	

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

Variable	Operator	Value(s)
location	= ▼	FACWIDEIN - Facility-wide Inpatient (FacWIDEIn) ▼

4. Scroll down to “Other Options”

- Group by: summaryYM
- Select “Run”

The screenshot shows a software interface with a blue sidebar on the left. The main area is titled "Other Options: HELP" and includes a "Print Variable" link. Below this, there is a "Group by:" dropdown menu set to "summaryYM" with a red arrow pointing to it. A "Show Histogram" checkbox is present and unchecked. At the bottom right, there are three buttons: "Run" (with a red arrow pointing to it), "Save As", and "Reset".

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).

Summary Year/Month	Location	CDIF CO Admission Prevalence LabID Count	Admissions	CDIF Facility CO Prevalence Rate
2013M01	FACWIDEIN	0	366	0.000
2013M02	FACWIDEIN	0	28	0.000
2013M03	FACWIDEIN	0	330	0.000
2013M04	FACWIDEIN	0	319	0.000
2013M05	FACWIDEIN	0	310	0.000
2013M06	FACWIDEIN	0	292	0.000
2013M08	FACWIDEIN	0	353	0.000

MONTHLY REPORTING PLAN COMPLETE	MONTH	CDIF COMMUNITY-ONSET, ADMISSION PREVALENCE COUNT (CO)	CDIF HEALTHCARE FACILITY-ONSET INCIDENT COUNT (HO)	CDIF TOTAL LAB ID COUNT	PATIENT DAYS	NUMBER OF ADMISSIONS
✓	2013M01	0	0	0	874	366
✓	2013M02	0	4	4	4779	28
✓	2013M03	0	0	0	5160	330
✓	2013M04	0	3	3	4849	319
✓	2013M05	0	2	2	5096	310
✓	2013M06	0	2	3	4691	292
✓	2013M07	missing	missing	missing	missing	missing
✓	2013M08	0	1	1	5123	353

Summary Year/Month	Location	CDIF LabID Count	Admissions	Overall CDIF Prevalence Rate
2013M01	FACWIDEIN	0	366	0.000
2013M02	FACWIDEIN	4	28	14.286
2013M03	FACWIDEIN	0	330	0.000
2013M04	FACWIDEIN	3	319	0.940
2013M05	FACWIDEIN	2	310	0.645
2013M06	FACWIDEIN	3	292	1.027
2013M08	FACWIDEIN	1	353	0.283

MONTHLY REPORTING PLAN COMPLETE	MONTH	CDIF COMMUNITY-ONSET, ADMISSION PREVALENCE COUNT (CO)	CDIF HEALTHCARE FACILITY-ONSET INCIDENT COUNT (HO)	CDIF TOTAL LABID COUNT	PATIENT DAYS	NUMBER OF ADMISSIONS
✓	2013M01	0	0	0	874	366
✓	2013M02	0	4	4	4779	28
✓	2013M03	0	0	0	5160	330
✓	2013M04	0	3	3	4849	319
✓	2013M05	0	2	2	5096	310
✓	2013M06	0	2	3	4691	292
✓	2013M07	missing	missing	missing	missing	missing
✓	2013M08	0	1	1	5123	353

You will notice in the NHSN analysis 2013M07 is missing. This could be due to the following reasons:

1. Summary data not entered or not entered under location FACWIDEIN
2. Events not entered or “Report No Events” box was not checked

Summary Year/Month	Location	CDIF Facility Incident HO LabID Event Count	Patient Days	Facility CDIF Healthcare Facility-Onset Incidence Rate
2013M01	FACWIDEIN	0	874	0.000
2013M02	FACWIDEIN	4	4779	8.370
2013M03	FACWIDEIN	0	5160	0.000
2013M04	FACWIDEIN	3	4849	6.187
2013M05	FACWIDEIN	2	5096	3.925
2013M06	FACWIDEIN	2	4691	4.263
2013M08	FACWIDEIN	1	5123	1.952

MONTHLY REPORTING PLAN COMPLETE	MONTH	CDIF COMMUNITY-ONSET, ADMISSION PREVALENCE COUNT (CO)	CDIF HEALTHCARE FACILITY-ONSET INCIDENT COUNT (HO)	CDIF TOTAL LAB ID COUNT	PATIENT DAYS	NUMBER OF ADMISSIONS
✓	2013M01	0	0	0	874	366
✓	2013M02	0	4	4	4779	28
✓	2013M03	0	0	0	5160	330
✓	2013M04	0	3	3	4849	319
✓	2013M05	0	2	2	5096	310
✓	2013M06	0	2	3	4691	292
✓	2013M07	missing	missing	missing	missing	missing
✓	2013M08	0	1	1	5123	353

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

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.

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