

California Department of Public Health Vancomycin-resistant Enterococci (VRE) Quality Assurance/Quality Control Report

Using NHSN Analysis to Review and Confirm VRE LabID Data

To verify the numbers of VRE 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: VRE QA/QC Report sent to a hospital by CDPH

| MONTHLY REPORTING PLAN COMPLETE | MONTH | VRE BLOOD INCIDENT COUNT | PATIENT DAYS | NUMBER OF ADMISSIONS |
|---------------------------------|---------|--------------------------|--------------|----------------------|
| ✓ | 2013M01 | 3 | 23992 | 5176 |
| ✓ | 2013M02 | 2 | 21928 | 4488 |
| ✓ | 2013M03 | 8 | 23662 | 4785 |
| ✓ | 2013M04 | 3 | 22617 | 4930 |
| ✓ | 2013M05 | 3 | 22759 | 4746 |
| ✓ | 2013M06 | 2 | 21838 | 4681 |
| ✓ | 2013M07 | 1 | 22185 | 4763 |
| ✓ | 2013M08 | 0 | 22135 | 4953 |

NHSN Data Source: Rate Tables for VRE LabID Data.
Guidance Documents on CDPH website: <http://www.cdph.ca.gov/programs/hai/Pages/QAQC-MRSA-and-VRE.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 VRE LabID Events → CDC Defined Output → Rate Tables for VRE LabID Data → Modify

Summary Data
Import/Export
Analysis ←
 Generate Data Sets ←
 Output Options ←
 Statistics Calculator
Surveys →
Users
Facility
Group
Log Out

Expand All Collapse All

- Device-Associated Module
- Procedure-Associated Module
- MDRO/CDI Module - Infection Surveillance
- MDRO/CDI Module - LABID Event Reporting →
 - All LabID Events
 - All MRSA LabID Events
 - All C. difficile LabID Events
 - All VRE LabID Events →
 - CDC Defined Output →
 - Line Listing for All VRE LabID Events Run Modify
 - Frequency Table for All VRE LabID Events Run Modify
 - Bar Chart for All VRE LabID Events Run Modify
 - Pie Chart for All VRE LabID Events Run Modify
 - Rate Tables for VRE LabID Data → Run Modify

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

Event
Procedure
Summary Data
Analysis
 Generate Data Sets
 Output Options
 Statistics Calculator
Surveys
Users
Group
Log Out

Analysis Rate Table

HELP

Analysis Data Set: LABID_RatesVRE Export Analysis Data Set

Modify Attributes of the Output:

Last Modified On:

Output Type: **Rate Table**

Output Name: Rate Tables for VRE LabID Data

Output Title: Rate Table - All VRE LabID Events by Location

Select output format:

Output Format: HTML

→ Use Variable Labels

- 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

QUALITY ASSURANCE/QUALITY CONTROL
MDRO/CDI MODULE: Vancomycin-resistant Enterococcal (VRE)
JANUARY 2013 - AUGUST 2013 (8 MONTHS) ←
NHSN DOWNLOAD DATE: SEPTEMBER 30, 2013*

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”

Other Options: [HELP](#) Print Variable

Group by: summaryYM ←

Show Histogram

→
Run
Save As
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).

| MONTHLY REPORTING PLAN COMPLETE | MONTH | VRE BLOOD INCIDENT COUNT | PATIENT DAYS | NUMBER OF ADMISSIONS |
|---------------------------------|---------|--------------------------|--------------|----------------------|
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| ✓ | 2013M02 | 2 | 21928 | 4488 |
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| ✓ | 2013M04 | 3 | 22617 | 4930 |
| ✓ | 2013M05 | 3 | 22759 | 4746 |
| ✓ | 2013M06 | 2 | 21838 | 4681 |
| ✓ | 2013M07 | 1 | 22185 | 4763 |
| ✓ | 2013M08 | 0 | 22135 | 4953 |

National Healthcare Safety Network
Rate Table - All VRE LabID Events by Location
MDRO Bloodstream Infection - Inpatient VRE BSI Incidence Rate
 Date Range: LABID_RATESVRE summaryYM 2013M01 to 2013M08

| Summary Year/Month | Location | VRE Blood Incident LabID Count | Admissions | VRE BSI Incidence Rate |
|--------------------|-----------|--------------------------------|------------|------------------------|
| 2013M01 | FACWIDEIN | 3 | 5176 | 0.058 |
| 2013M02 | FACWIDEIN | 2 | 4488 | 0.045 |
| 2013M03 | FACWIDEIN | 8 | 4785 | 0.167 |
| 2013M04 | FACWIDEIN | 3 | 4930 | 0.061 |
| 2013M05 | FACWIDEIN | 3 | 4746 | 0.063 |
| 2013M06 | FACWIDEIN | 2 | 4681 | 0.043 |
| 2013M07 | FACWIDEIN | 1 | 4763 | 0.021 |
| 2013M08 | FACWIDEIN | 0 | 4953 | 0.000 |

| MONTHLY REPORTING PLAN COMPLETE | MONTH | VRE BLOOD INCIDENT COUNT | PATIENT DAYS | NUMBER OF ADMISSIONS |
|---------------------------------|---------|--------------------------|--------------|----------------------|
| ✓ | 2013M01 | 3 | 23992 | 5176 |
| ✓ | 2013M02 | 2 | 21928 | 4488 |
| ✓ | 2013M03 | 8 | 23662 | 4785 |
| ✓ | 2013M04 | 3 | 22617 | 4930 |
| ✓ | 2013M05 | 3 | 22759 | 4746 |
| ✓ | 2013M06 | 2 | 21838 | 4681 |
| ✓ | 2013M07 | 1 | 22185 | 4763 |
| ✓ | 2013M08 | 0 | 22135 | 4953 |

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National Healthcare Safety Network
Rate Table - All VRE LabID Events by Location
MDRO Bloodstream Infection - Inpatient VRE BSI Incidence Density Rate
 Date Range: LABID_RATESVRE summaryYM 2013M01 to 2013M08

| Summary Year/Month | Location | VRE Blood Incident LabID Count | Patient Days | VRE BSI Incidence Density Rate |
|--------------------|-----------|--------------------------------|--------------|--------------------------------|
| 2013M01 | FACWIDEIN | 3 | 23992 | 0.100 |
| 2013M02 | FACWIDEIN | 2 | 21928 | 0.100 |
| 2013M03 | FACWIDEIN | 8 | 23662 | 0.300 |
| 2013M04 | FACWIDEIN | 3 | 22617 | 0.100 |
| 2013M05 | FACWIDEIN | 3 | 22759 | 0.100 |
| 2013M06 | FACWIDEIN | 2 | 21838 | 0.100 |
| 2013M07 | FACWIDEIN | 1 | 22185 | 0.000 |
| 2013M08 | FACWIDEIN | 0 | 22135 | 0.000 |

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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