

How to Generate a Line Listing of COVID-19 Module Data

Guidance for the Dialysis COVID-19 Module

February 2021

Description

A line list is an organized, detailed list of each record entered into NHSN. This quick reference guide describes the process for generating a line listing report of the COVID-19 Module data.

Housekeeping Notes

Prior to generating an analysis reports, such as a line list report, users must generate a recent analysis dataset (ADS). Generating analysis datasets incorporates all data entered into the database into the analysis datasets that are used to generate analysis reports. For a detailed guide on how to generate a data set, please visit <https://www.cdc.gov/nhsn/pdfs/ps-analysis-resources/generatedatasets-psc-508.pdf>

NOTE: The facility and data included in this guide are fictitious and are designed for demonstration and education purposes only.

Line List Report Example

Suppose you are interested in looking at your COVID-19 Module data for the past five weeks in one table. You would like to include a specific set of data points, such as the number of COVID-19 cases and deaths in patients and in staff, among other data points.

To run this report, access it by following Analysis > Reports > Outpatient Dialysis Pathway Data > Line Listing-Reported COVID-19 Dialysis Outpatient and Staff Pathway Data.

The screenshot displays the NHSN Analysis Reports interface. On the left is a navigation menu with the following items: NHSN Home, Alerts, Reporting Plan, Patient, Event, Summary Data, COVID-19, Import/Export, Surveys, Analysis (highlighted with a green circle 1), Users, Facility, Group, Tools, and Logout. A sub-menu is open for 'Analysis', showing 'Generate Data Sets', 'Reports' (highlighted with a green circle 2), and 'Statistics Calculator'. The main content area is titled 'Analysis Reports' and features a tree view of report categories. The tree includes: Dialysis Events, Prevention Process Measures, Central Line Insertion Practices, Patient Vaccination, Data Quality, COVID-19 Module (highlighted with a green circle 3), and Outpatient Dialysis Pathway Data. Under 'Outpatient Dialysis Pathway Data', the report 'Line Listing - Reported COVID-19 Dialysis Outpatient and Staff Pathway Data' is selected (highlighted with a green circle 4). A context menu is open for this report, showing 'Run Report', 'Modify Report' (highlighted with a green circle 5), and 'Export Data Set'.

Modifying the Report

Below is a guide on how to modify analysis reports in NHSN, which also applies for this example.

<https://www.cdc.gov/nhsn/pdfs/ps-analysis-resources/howtomodifyreport.pdf>. On the modify screen, you have the options to make any limitation to the report you want. The more limitations you apply, the fewer the data points on your output report. In our example, the only modification applied is the **Time Period** using the variable **Reporting Period Begin and End Date**.

The screenshot shows the 'Modify "Line Listing - Reported COVID-19 Dialysis Outpatient and Staff Pathway Data"' interface. The top bar displays 'Analysis Data Set: DialysisC19Pathway', 'Type: Line Listing', and 'Last Generated: February 4, 2021 12:39 PM'. The 'Time Period' tab is selected, showing a 'Date Variable' dropdown set to 'Reporting Period Begin Date', with 'Beginning' and 'Ending' date fields set to '12/30/2020' and '01/12/2021' respectively. A 'Clear Time Period' button is also visible. A checked box below the fields indicates that column headings will display the full name of the variable list. A callout box explains that the top bar displays details about the report, including the type and the last time it was generated. At the bottom, a 'Run' button is highlighted with a callout.

The top bar will display details about the report you have selected to run including the type of report and the last time you generated an analysis dataset

The checked box indicates that the column headings on your report output will display the full name of the variable list

Selecting a Time Period will produce a data report for time frame selected. For this example,

Run Save... Export... Close

Interpreting the Report Output

After you select run, as shown the screenshot above, the Line Listing-Reported COVID-19 Dialysis Outpatient and Staff Pathway Data will be generated and appear in a separate HTML window. The example of the line listing report output is shown in the screen shot below.

You will notice the headers on the table are identical to the questions from the COVID-19 Module form. The data entered for each of the questions on the form will appear in the rows show in the screenshot below. **NOTE:** You cannot run analysis reports while datasets are generating.



Centers for Disease Control and Prevention
National Center for Emerging and Zoonotic Infectious Diseases

Line Listing Report – Guidance for Dialysis Component

National Healthcare Safety Network

Line Listing - Reported COVID-19 Dialysis Outpatient and Staff Pathway Data

As of: February 4, 2021 at 1:08 PM

Date Range: All DIALYSIS19PATHWAY

CMS Certification Number=11111

CMS Certification Number	Facility Org ID	Facility Name	Week Number	Date of data collection	Reporting Period Begin Date	Reporting Period End Date	Is your facility a designated COVID unit?	Does your facility have designated COVID shifts?	In-center Patient Census	Number of Patients Receiving Home Hemodialysis	Total Certified Stations	Isolation Stations Included in Total Certified Stations	How many patients on the current in-center census reside in nursing homes	Number of newly confirmed in-center patients since last reporting	Number of newly confirmed in-center patients since last reporting that reside in nursing homes
11111	10001	DIALYSIS TEST FACILITY 1	1	1/5/2021	12/30/2020	1/5/2021	Y	Y	50	100	10	1	2	10	10
11111	10001	DIALYSIS TEST FACILITY 1	2	1/12/2021	1/6/2021	1/12/2021	Y	Y	50	6	10	6	0	0	0

Data contained in this report were last generated on February 4, 2021 at 12:38 PM to include data beginning January 2018 through February 2021.

Based on the modification applied to the report, we see data reported for the reported period beginning on December 30 through January 12, 2021. The screenshot of the report output has been shorted to display part of the data points reported through the COVID-19 Module form.

Additional Resources:

Analysis Quick Reference Guides: <https://www.cdc.gov/nhsn/ps-analysis-resources/reference-guides.html>

How to Modify Analysis Reports: <https://www.cdc.gov/nhsn/pdfs/ps-analysis-resources/howtomodifyreport.pdf>

How to Generate Analysis Datasets in NHSN: <https://www.cdc.gov/nhsn/pdfs/ps-analysis-resources/generatedatasets-psc-508.pdf>

For additional assistance, please reach out to us directly:

NHSN Helpdesk: nhsn@cdc.gov



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