

Line List for LOS/MEN Events and LOS/MEN Denominators

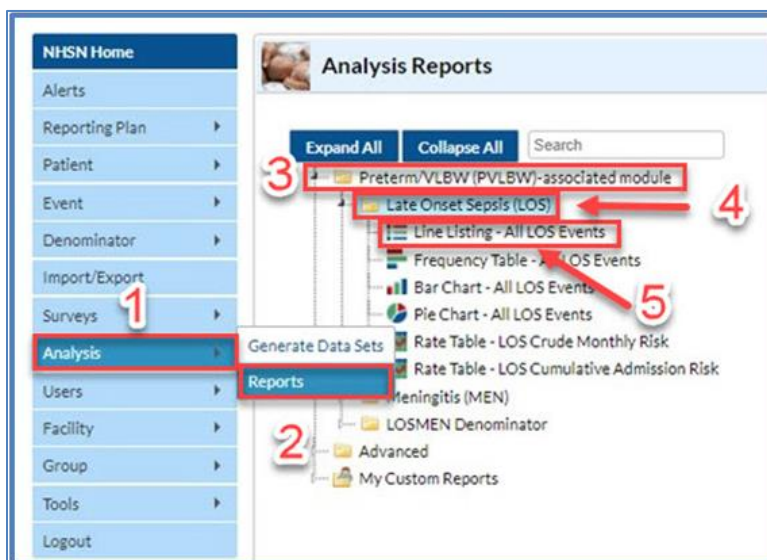
January 2022

Overview

This guide will provide instructions on how to generate a line list for Late Onset Sepsis (LOS) and Meningitis (MEN) events and LOSMEN denominators. This is an option available in NHSN to produce reports each for *Late Onset Sepsis (LOS)*, *all Meningitis (MEN)* events and LOSMEN denominators data from the Neonatal Component of NHSN. Examples below are described for the LOS line list.

Instructions

After generating the datasets, run the report following the next steps:



When you run a report as is, a line list will be generated with default settings. In this example, the line list is sorted by location and specific event type (spcEvent).

National Healthcare Safety Network
Line Listing for All LOS Events
As of: December 14, 2021 at 11:18 AM
Date Range: All NEO_LOS_EVENTS

orgID	eventID	dob	patID	eventType	eventDate	location	locCDC	admitDate	birthWt	spcEvent
14596	152	05/03/2021	200	LOS	02/15/2021	NICU II	IN-ACUTE.CC_STEP-NURS	02/15/2021	5	NLCB1
14596	202	12/31/2020	710	LOS	01/10/2021	NICU II	IN-ACUTE.CC_STEP-NURS	05/12/2021	.	NLCB1
14596	150	05/01/2021	100	LOS	01/30/2021	NICU III	IN-ACUTE.CC-NURS	05/12/2021	.	NLCB1
14596	201	12/30/2020	600	LOS	01/30/2021	NICU IV	IN-ACUTE.CC-NURS_IV	05/12/2021	.	NLCB1

Sorted by location spcEvent
Data contained in this report were last generated on December 14, 2021 at 11:17 AM to include data beginning January 2018.



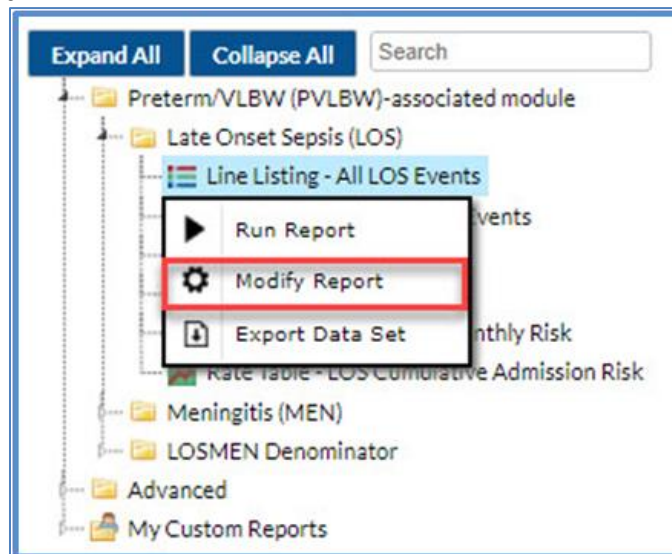
If you would like to customize a report, then please select 'Modify Report' following the general modification guidelines to the report as described <https://www.cdc.gov/nhsn/pdfs/ps-analysis-resources/howtomodifyreport.pdf>.

Example for Modify Report

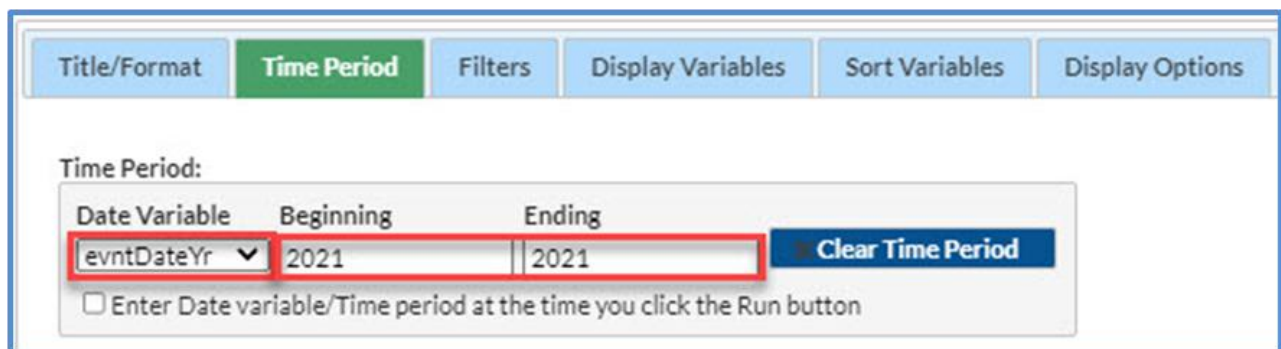
Suppose you are interested in reviewing all Late on Sepsis (LOS) events in 2021 that occurred in the NICU III and NICU IV units. You would like to produce a line list that includes basic patient demographics (patient ID, birth weight), information on the event (date admitted, event ID, event date, event type and specific event) as well as the location of the event, sorted by location.

Step 1 – Go to Analysis → Report → Preterm/VLBW (PVLBW)- associated module → Late Onset Sepsis (LOS) and select Line Listing-All LOS Events

Step 2 – Select Modify Report



Step 3 – Enter the Time period for your data. In this case will be the year 2021.

A screenshot of the 'Time Period' configuration tab in a report settings window. The window has several tabs: 'Title/Format', 'Time Period' (which is active and highlighted in green), 'Filters', 'Display Variables', 'Sort Variables', and 'Display Options'. Under the 'Time Period' tab, there is a section labeled 'Time Period:'. It contains a table with three columns: 'Date Variable', 'Beginning', and 'Ending'. The 'Date Variable' column has a dropdown menu with 'evntDateYr' selected and highlighted with a red box. The 'Beginning' column contains the value '2021' and the 'Ending' column contains '2021'. To the right of the table is a blue button labeled 'Clear Time Period'. Below the table, there is a checkbox with the text 'Enter Date variable/Time period at the time you click the Run button'.

Step 4 – Filter your data (if applicable). In this case you want the report to include events occurring in the NICU III OR NICU IV units.

The screenshot shows the 'Filters' tab of a reporting tool. Under 'Additional Filters', there are two filter rules. The first rule is 'locCDC equal Neonatal Critical Care (Level III)' and the second rule is 'locCDC equal Neonatal Critical Care (Level IV)'. Both rules are highlighted with red boxes. The interface includes buttons for 'Show', 'Clear', 'Add group', 'Add rule', and 'Delete'.

Step 5 – Include the variables to be displayed. In this step you can add variables from the available variables list and remove variables from the Selected variables list as you see it fit. We will add the “locCDCDesc” variable.

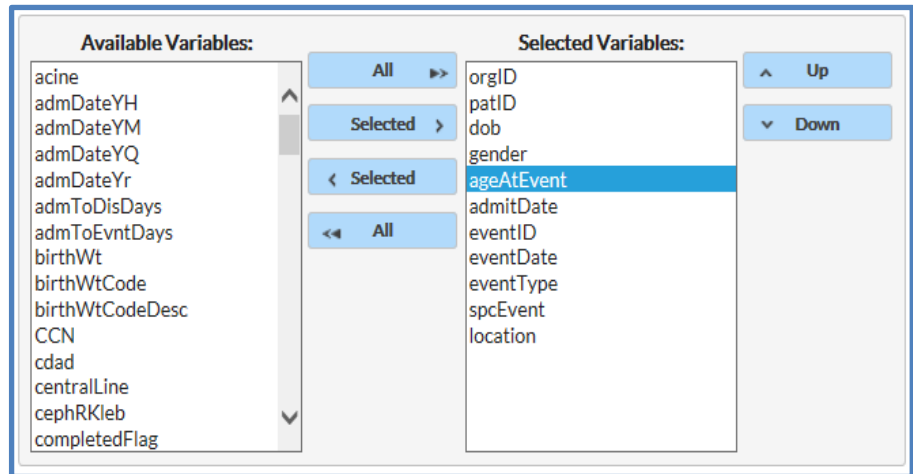
The screenshot shows the 'Display Variables' section. On the left, the 'Available Variables' list includes 'locCDCDesc', which is highlighted with a red box. In the center, there are buttons for 'All', 'Selected', and 'All'. On the right, the 'Selected Variables' list includes 'orgID', 'eventID', 'patID', 'eventType', 'eventDate', 'locCDC', 'admitDate', 'birthWt', and 'spcEvent'. There are also buttons for 'Up', 'Down', and 'Undo'.

Step 6- Include the sorting variables for the report. In this example, the report needs to be sorted by location (locCDC). The default variable spcEvent is moved to the Available Variables list and LocCDC is moved to the Selected Variables list.

The screenshot shows the 'Sort Variables' section. On the left, the 'Available Variables' list includes 'locCDC', which is highlighted with a red box. In the center, there are buttons for 'All', 'Selected', 'Selected', and 'All'. On the right, the 'Selected Variables' list includes 'spcEvent', which is highlighted with a green box. There are also buttons for 'Up', 'Down', and 'Undo'.

About Displaying and Sorting Variables

- Both the “Display Variables” tab and “Sort Variables” tab will produce a similar window, shown on the right, which allows you to move variables from the available list in the left column to the selected list in the right column by using the directional arrows in the center.



- You can also re-order the selected variables using the “up” and “down” button found to the right of the selected variables list.

Report/Results

The example line list shown below is the result of the example modifications. There is one row for each LOS event and one column for each variable. The events are sorted by ascending order based on the CDC location (locCDC) of the event.

National Healthcare Safety Network									
Line Listing for All Late Onset Sepsis Events									
As of: November 12, 2021 at 2:38 PM									
Date Range: NEO_LOS_EVENT & evtDateYr After and Including 2021									
if (((locCDC = "IN:ACUTE:CC:NURS")) OR ((locCDC = "IN:ACUTE:CC:NURS_IV")))									
orgID	eventID	patID	eventType	eventDate	locCDC	admitDate	birthWt	spcEvent	locCDCDesc
14598	150	100	LOS	01/30/2021	IN:ACUTE:CC:NURS	05/12/2021	.	NLCB1	Neonatal Critical Care (Level III)
14598	201	800	LOS	01/30/2021	IN:ACUTE:CC:NURS_IV	05/12/2021	.	NLCB1	Neonatal Critical Care (Level IV)

Sorted by locCDC
Data contained in this report were last generated on November 12, 2021 at 2:26 PM to include data beginning January 2018.

Note: Please follow the same method of analysis for all line lists in the Neonatal component inclusive of MEN events and LOSMEN Denominators.

Additional Resources from Neonatal and non-Neonatal component

1. LOS/MEN Event Overview: https://nhsn.cdc.gov/LOS_MEN/
2. LOS/MEN Module Overview: <https://www.cdc.gov/nhsn/pdfs/training/2021/losmen-508.pdf>
3. Line lists for LOS/MEN events:
4. Introduction to NHSN Analysis: <http://www.cdc.gov/nhsn/PDFs/training/intro-AnalysisBasics-PSC.pdf>
5. General tips for NHSN Analysis: <https://www.cdc.gov/nhsn/pdfs/ps-analysis-resources/General-Tips-NHSN-Analysis.pdf>
6. How to modify a report: <https://www.cdc.gov/nhsn/pdfs/ps-analysis-resources/howtomodifyreport.pdf>
7. How to filter your data by time period: <https://www.cdc.gov/nhsn/pdfs/ps-analysis-resources/filtertimeperiod.pdf>
8. How to filter your data on additional criteria: <https://www.cdc.gov/nhsn/pdfs/ps-analysis-resources/selectioncriteria.pdf>