

# Line List

## Description

A line list is an organized, detailed list of each record entered into NHSN.

## Example

Suppose you are interested in looking at all CLABSI events in 2010 that occurred in the Pediatric ICU (22ICU) and the Orthopedic Unit (72ORTHO). You would like to produce a line list that includes basic patient demographics (patient ID, DOB, gender, and age at event), information on the event (date admitted, event ID, event date, and event type), as well as the location of the event. You would like the line list to be sorted by patient age at event.

## Modification Page

**Line Listing**

Analysis Data Set: CLAB\_Events [Export Analysis Data Set](#)

**Modify Attributes of the Output:**

Last Modified On: 12/13/2011

Output Type: Line Listing

Output Name: Line Listing - All CLAB Events

Output Title: Line Listing for All Central Line-Associated BSI Events

**Select output format:**

Output Format: HTML

☒ Use Variable Labels

**Select a time period or Leave Blank for Cumulative Time Period:**

Date Variable Beginning Ending

evntDateYr 2010 2010 [Clear Time Period](#)

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

**Specify Other Selection Criteria:**

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

location			
IN (22ICU, 72ORTHO)			

**Other Options:**

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

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

Select Page by variable:

[Run](#) [Save As](#) [Reset](#) [Back](#) [Export Output Data Set](#)

### Top Section of Modification Page:

- In the top section of the modification page, you can modify the name, title, and output format of the line list. **Note:** If you wish to save your modifications as a template for future reports, you will be required to change the output name.

*Tip: For more descriptive variable labels on your line list, check the box to "Use Variable Labels" (recommended).*

### Middle Section of Modification Page:

- In the middle sections of the page, you can filter output by time period or other criteria (e.g., limit to a single location type).
- In this example, we have limited the line list to include only events identified in 2010 (evntDateYr=2010) and from two locations (location IN 22ICU, 72ORTHO).
  - Tip:** For Other Selection Criteria, select 'location' from the drop-down menu. Click in the empty cell below the variable and use the "in" operator to specify more than one value. In this case, set the location to 22ICU and 72ORTHO.
- For additional details about how to use this section, please see the additional resources listed on page 2.

### Bottom Section of Modification Page:

- In the bottom section of the page, you can specify variables to include in the line list by clicking the first "Modify List" link.
- You can select the variables on which you would like to sort the data by clicking the second "Modify List" link.
- The Page by option will create one line list for each value of the variable. Leaving this option blank will create only one line list.

## About “Modify List”

- Both “Modify List” links 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” buttons, found to the right of the selected variables list.
- Tip: Not sure of the meaning of the variables in the list? Use the variable reference list:*  
<http://www.cdc.gov/nhsn/PDFs/pscManual/VarLabelXref6-5-0-PS.pdf>

Select Variables to include in Line Listing:

**Available Variables**

- acine
- admDateYH
- admDateYM
- admDateYQ
- admDateYr
- admToDisDays
- admToEvtDays
- birthWt
- birthWtCode
- birthWtCodeDesc
- cdad
- centralLine
- cephrKleb
- completedFlag
- contribDeath
- cr\_diagTher
- cr\_labNoOrg
- cr\_labPath
- cr\_labSkinCon
- cr\_ssApnea
- cr\_ssBradycard
- cr\_ssChills
- cr\_ssFever
- cr\_ssHypoten
- cr\_ssHypotherm
- creEcoli
- creKleb

**Selected Variables**

- orgID
- patID
- dob
- gender
- ageAtEvent
- admitDate
- eventID
- eventDate
- eventType
- spcEvent
- location

Buttons: >>, <<, All <<, Up, Down, Save, Reset, Close

## Output/Results

The example line list shown below is the result of the example modifications on page 1 of this document. There is one row for each CLABSI event and one column for each variable. The events are sorted by ascending order based on the patient’s age at event.

### National Healthcare Safety Network

#### Line Listing for All Central Line-Associated BSI Events

As of: April 2, 2012 at 1:54 PM

Date Range: CLAB\_EVENTS evntDateYr 2010 to 2010

Org ID	Patient ID	Date of Birth	Gender	Age on Event Date	Fac Admission Date	Event ID	Event Date	Event Type	Specific Event	Location
10018	123444	06/15/2000	M	9	05/19/2010	27681	05/20/2010	BSI	LCBI	22ICU
10018	783464	09/18/1954	F	55	06/01/2010	26216	06/05/2010	BSI	LCBI	72ORTHO
10018	16651	10/11/1950	F	59	03/01/2010	28552	03/15/2010	BSI	LCBI	72ORTHO

Sorted by ageAtEvent

Data contained in this report were last generated on March 21, 2012 at 10:33 AM.

#### Additional Resources:

Introduction to NHSN Analysis: <http://www.cdc.gov/nhsn/PDFs/training/intro-AnalysisBasics-PSC.pdf>

How to filter data by time period: <http://www.cdc.gov/nhsn/PS-Analysis-resources/PDF/FilterTimePeriod.pdf>

How to filter data on additional criteria: <http://www.cdc.gov/nhsn/PS-Analysis-resources/PDF/SelectionCriteria.pdf>