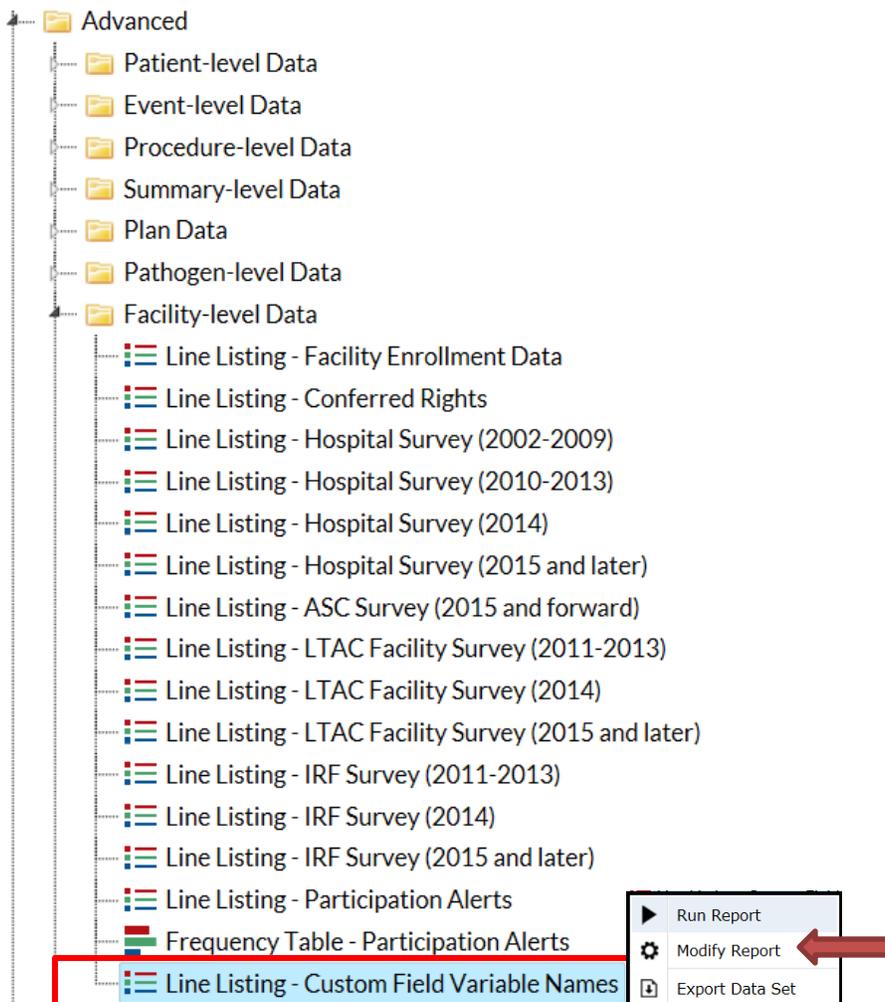# Line List-Custom Field Variable Names

Description

A line list is an organized, detailed list of each record entered into NHSN. This specific line list, which can be used by facilities and groups, will allow you to view a facility's custom field variables and the corresponding variable labels used in NHSN analysis report options.

This guide should be used as a supplement to the basic line list quick reference guide, found here:
http://www.cdc.gov/nhsn/PS-Analysis-resources/PDF/LineLists.pdf
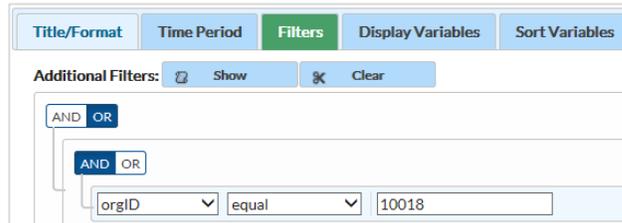
Example

After running several analyses in NHSN, you notice that one of the facilities in your group (org ID=01234) has created several custom field variables for both patient-level and procedure-level data. NHSN is only showing these variables as "custom 1", "custom 2", etc. in the analysis report and you are not sure which custom field variable refers to which data. You need to create a separate line list for each form (i.e. a separate line list for patient-level and procedure-level data) that shows each custom field variable along with its CDC-assigned variable label.

- 📁 Advanced
  - 📁 Patient-level Data
  - 📁 Event-level Data
  - 📁 Procedure-level Data
  - 📁 Summary-level Data
  - 📁 Plan Data
  - 📁 Pathogen-level Data
  - 📁 Facility-level Data
    - ≔ Line Listing - Facility Enrollment Data
    - ≔ Line Listing - Conferred Rights
    - ≔ Line Listing - Hospital Survey (2002-2009)
    - ≔ Line Listing - Hospital Survey (2010-2013)
    - ≔ Line Listing - Hospital Survey (2014)
    - ≔ Line Listing - Hospital Survey (2015 and later)
    - ≔ Line Listing - ASC Survey (2015 and forward)
    - ≔ Line Listing - LTAC Facility Survey (2011-2013)
    - ≔ Line Listing - LTAC Facility Survey (2014)
    - ≔ Line Listing - LTAC Facility Survey (2015 and later)
    - ≔ Line Listing - IRF Survey (2011-2013)
    - ≔ Line Listing - IRF Survey (2014)
    - ≔ Line Listing - IRF Survey (2015 and later)
    - ≔ Line Listing - Participation Alerts
    - ▬ Frequency Table - Participation Alerts
    - ≔ Line Listing - Custom Field Variable Names

▶	Run Report
⚙	Modify Report
⬇	Export Data Set

CDC

Line List-Custom Field Variable Names

Modifying the Output

Below is the modifications for this example. For basic modification guideline, follow
https://www.cdc.gov/nhsn/pdfs/ps-analysis-resources/howtomodifyreport.pdf

Report Results

The expected line list for this exercise is shown below. There is one line list showing the custom variables created for procedure-level data and a separate line list for patient-level data. Within each line list, there is one row of data for each custom variable.

- custVarName refers to the CDC-assigned variable labels that appear in the NHSN analysis report
- custLabel shows the facility-assigned label that describes the custom variable

Line List-Custom Field Variable Names

National Healthcare Safety Network
Line Listing - Custom Field Variable Names
As of: November 10, 2016 at 3:21 PM
Date Range: All PSCUSTOMLABELS

formType=CDC-Defined - PS - Procedure

orgID	form Type	form Name	location	form Status	custVarName	custLabel	custDataType	fieldStatus
10018	CDC-Defined - PS - Procedure	CBGB		A	custom01	SCRUB NURSE	alpha	A
10018	CDC-Defined - PS - Procedure	CBGB		A	custom02	1ST ASSIST	alpha	A
10018	CDC-Defined - PS - Procedure	CBGB		A	custom03	NO. VESSELS	num	A

Sorted by formName
Data contained in this report were last generated on November 10, 2016 at 3:54 PM.

National Healthcare Safety Network
Line Listing - Custom Field Variable Names
As of: November 14, 2016 at 8:19 AM
Date Range: All PSCUSTOMLABELS

formType=CDC-Defined - Patient

orgID	formType	formName	location	form Status	custVarName	custLabel	custDataType	field Status
10018	CDC-Defined - Patient	PATIENT		A	custom01	DIABETES (Y/N)	alpha	A
10018	CDC-Defined - Patient	PATIENT		A	custom02	DATE OF VISIT	alpha	A

Sorted by formName
Data contained in this report were last generated on November 10, 2016 at 3:54 PM.

All custom variables on the procedure form were created for CBGB procedures (formName). Based on the above report, we can see that "custom01" on the procedure form refers to the name of the Scrub Nurse. This variable is in alpha-numeric format (custDataType) and is currently an active field (fieldStatus). The facility has also added variables for diabetes status and date of visit to the patient form, which are referred to as "custom01" and "custom02", respectively, in NHSN analysis.

Additional Resources

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

Analysis with Custom Field Variables: http://www.cdc.gov/nhsn/PS-Analysis-resources/PDF/CustomFields.pdf

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