

How to Obtain a Line List Summary Data

Description

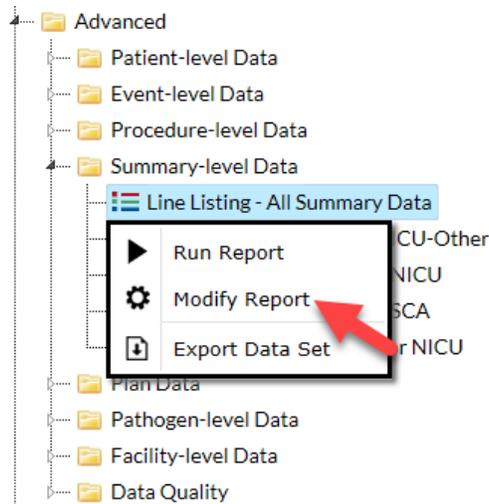
There is an option available in NHSN to produce a line list that includes all summary data of a certain type (e.g., MDRO or CLABSI data).

Example

You are interested in creating a line list for all MDRO summary data in your facility for 2015.

Creating the Line List

1. On the “Analysis Reports” screen, click on the “Advanced” folder. Select the “Summary-level Data” subfolder and click on “Line Listing- All Summary Data”. Choose “Modify Report”.



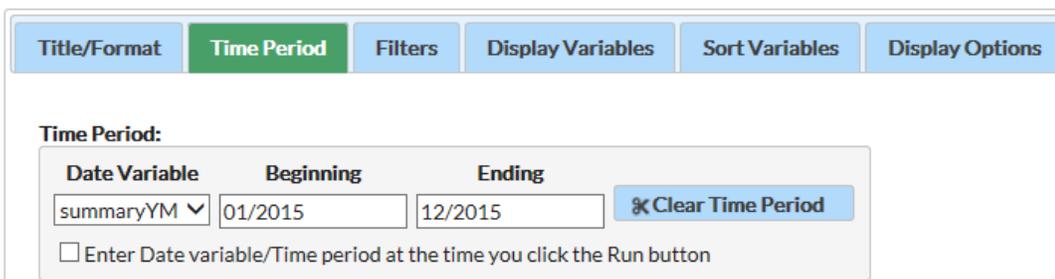
Modification Page

For further information, please visit the Modification Guidelines page: <https://www.cdc.gov/nhsn/pdfs/ps-analysis-resources/howtomodifyreport.pdf>

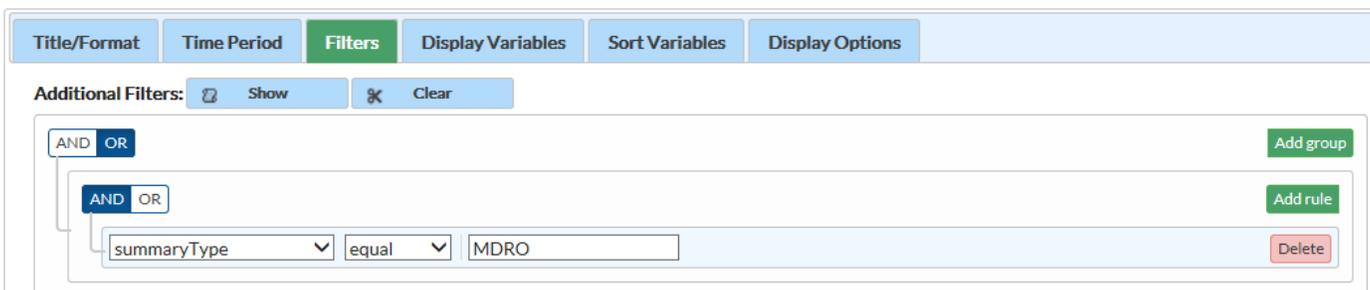
To select a file format, navigate to the “Title/Format” tab of the modification screen and select “xls”.



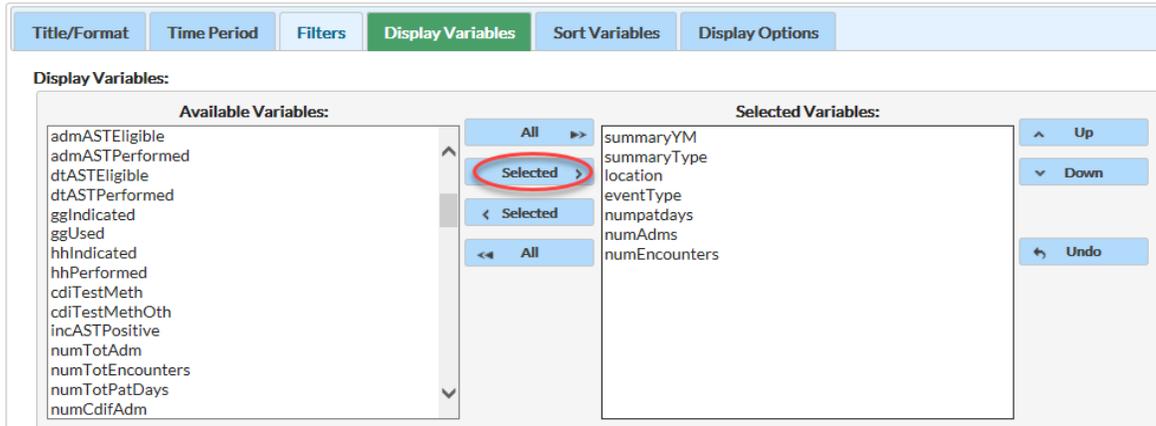
To modify the time period, navigate to the “Time Period” tab of the modifications page. Select “summaryYM” as the date variable and enter the date range 01/2015 to 12/2015.



To select a filter, navigate to the “Filters” tab of the modification screen. Select “summaryType” in the first dropdown box, “equal” in the second dropdown box, and type “MDRO” in the text box.



To select variables that should be included in the line list, navigate to the “Display Variables” tab. The list on the left includes all available variables in the dataset, while the list on the right is all of the variables that will be included in the line list. Click the “Selected” button in between the two columns to move “summaryYM”, “summaryType”, “location”, “eventType”, “numpatdays”, “numAdms”, and “numEncounters” to the “Selected Variables” column.



Below is a list of denominator variables for MDRO and device-associated summary data that should be considered when creating a summary line list.

For a description of these variables, please see the NHSN Variable Reference List at http://www.cdc.gov/nhsn/PDFs/pscManual/VarLabelXref-661_PS.pdf

MDRO Denominators	Device-Associated Denominators
numpatdays	numpatdays
numAdms	numddays
numDec	
numEncounters	
prevASTClinicalPositive	
prevASTKnownPositive	
admASTEligible	
asmASTPerformed	
dtASTEligible	
dtASTPerformed	
incASTPositive	
numCdifAdm	
numCdifEncounters	
numCdifPatDays	



Output

Notice that the line list has one row of data for each record.

National Healthcare Safety Network Line Listing for All Summary Data						
As of: July 31, 2012 at 9:51 AM						
Date Range: PSSUMMARY summaryYM 2011M01 to 2011M12						
Summary Year/Month	Type of summary record	Location	Event Type	Patient Days	Admissions	Encounters
2011M01	MDRO	ICU	ACINE	9999	1050	.
2011M01	MDRO	ICU	ACINE	9999	1050	.
2011M01	MDRO	ICU	CDIF	9999	1050	.
2011M01	MDRO	ICU	CDIF	9999	1050	.
2011M01	MDRO	ICU	CEPHRKLEB	9999	1050	.
2011M01	MDRO	ICU	CEPHRKLEB	9999	1050	.
2011M01	MDRO	ICU	CREECOLI	9999	1050	.
2011M01	MDRO	ICU	CREECOLI	9999	1050	.
2011M01	MDRO	ICU	CREKLEB	9999	1050	.
2011M01	MDRO	ICU	CREKLEB	9999	1050	.
2011M01	MDRO	ICU	MRSA	9999	1050	.
2011M01	MDRO	ICU	MRSA	9999	1050	.
2011M01	MDRO	ICU	VRE	9999	1050	.
2011M01	MDRO	ICU	VRE	9999	1050	.
2011M04	MDRO	FACWIDEIN	CDIF	1500	120	.
2011M04	MDRO	FACWIDEIN	MRSA	1500	120	.
2011M05	MDRO	72ORTHO	CDIF	100	36	.
2011M05	MDRO	72ORTHO	MRSA	100	36	.
2011M06	MDRO	INMEDCC	ACINE	10	3	.
2011M06	MDRO	INMEDCC	ACINE	10	3	.
2011M06	MDRO	INMEDCC	CDIF	10	3	.
2011M06	MDRO	INMEDCC	CDIF	10	3	.
2011M06	MDRO	INMEDCC	CREECOLI	10	3	.
2011M06	MDRO	INMEDCC	CREECOLI	10	3	.
2011M06	MDRO	FACWIDEIN	MRSA	180	50	.
2011M06	MDRO	INMEDCC	MRSA	10	3	.
2011M06	MDRO	INMEDCC	MRSA	10	3	.
2011M06	MDRO	INMEDCC	VRE	10	3	.
2011M06	MDRO	INMEDCC	VRE	10	3	.
2011M08	MDRO	72ORTHO	MRSA	100	50	.

Note: If a summary line list was created for device-associated events, there will be one line of data per summary month, for each device type (i.e. there can be up to three rows of data for each summary month).

Additional Resources:

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

How to filter your data by time period:

<http://www.cdc.gov/nhsn/PS-Analysis-resources/PDF/FilterTimePeriod.pdf>

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