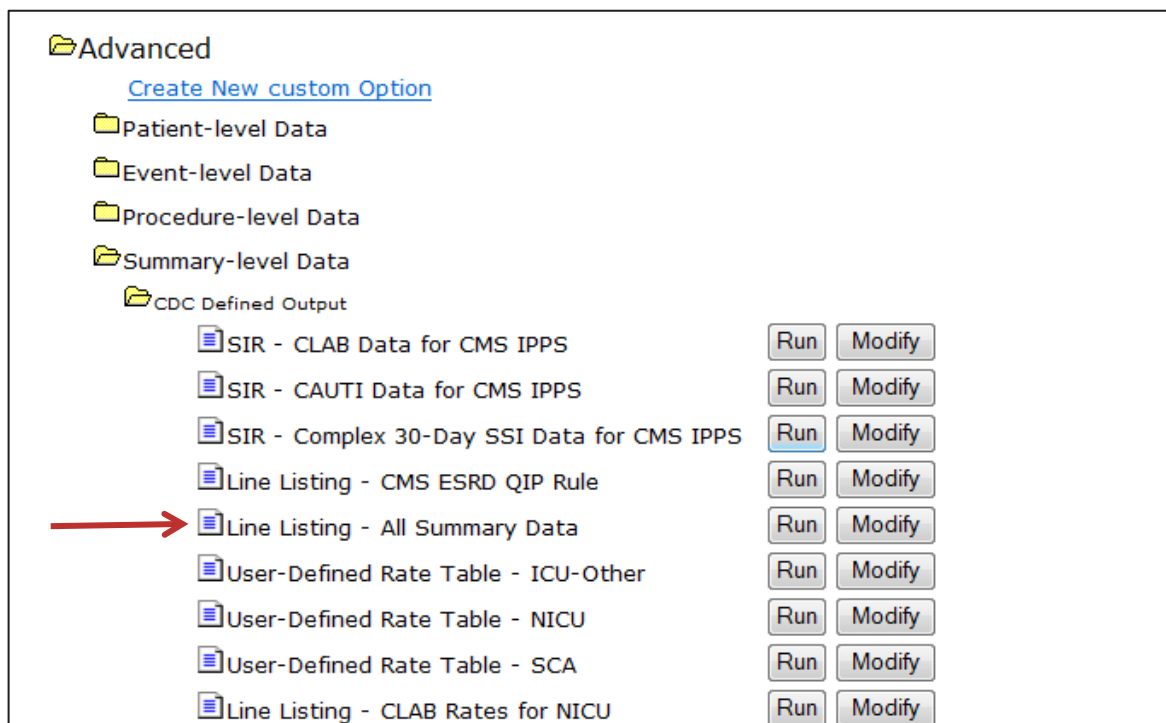# Summary Data Line List

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 2011.

Creating the Line List

1. On the output options screen, go to Advanced > Summary Level Data. Click "Modify" next to 'Line Listing – All Summary Data'.
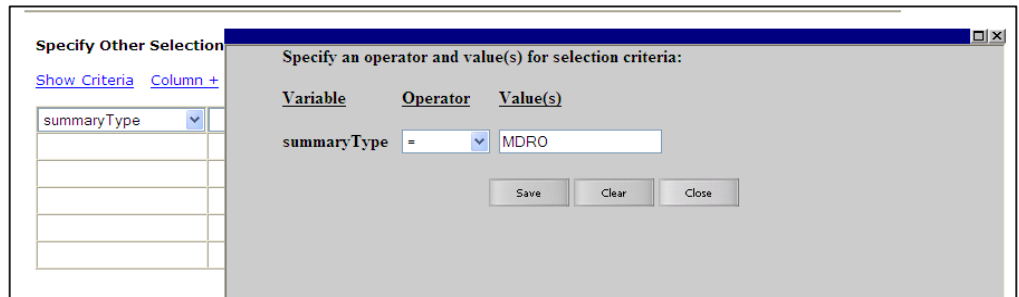

2. On the Modification screen, make any desired changes to the output name/title.

3. To modify the time period, select "SummaryYM" as the date variable and enter the date range 01/2011 to 12/2011.
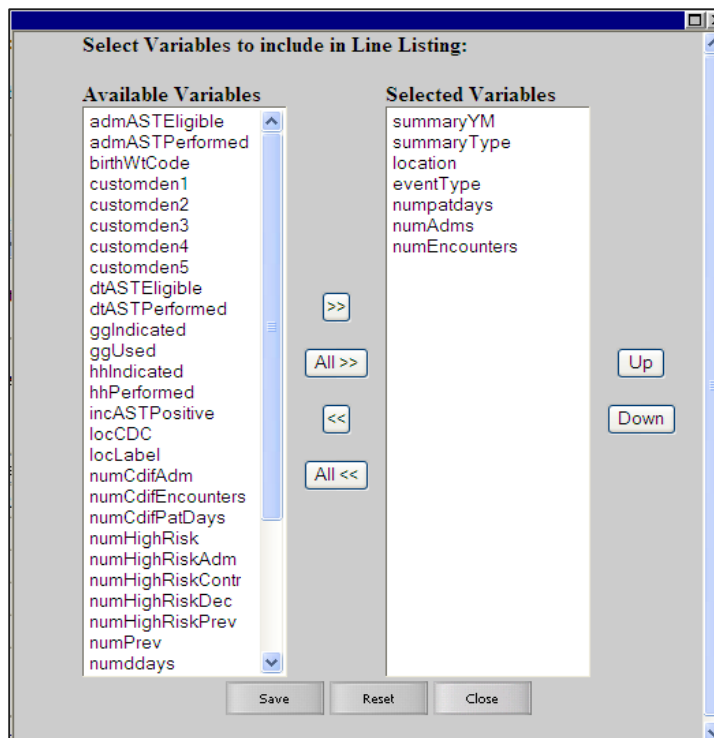
4. In the "specify other selection criteria" section, choose "SummaryType" as the selection variable. By clicking in the cell below the drop-down, you can enter the summary data type. Enter MDRO (be sure to enter it in all caps, as shown here). Click Save.

5. In the next section, click the first "Modify List" link. This will allow you to choose which variables will appear in your output.

6. In the window that pops-up, select the variables that should be included in the line list. This step is not required, but will make it easier to obtain the information you need. 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. To move variables to either list, highlight and use the arrows between the two columns. Once you have made the desired changes, click "Save". The image below illustrates the variables you'll likely need for the line list:

7. After all necessary changes have been made, click "Run". You may also choose to "Export Output Dataset" if you wish to obtain this output in another format (e.g., xls).

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