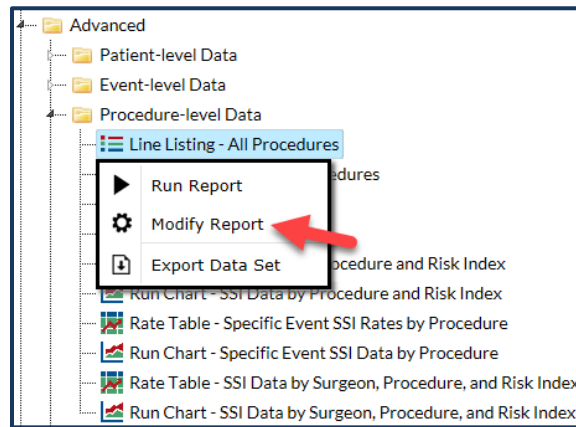
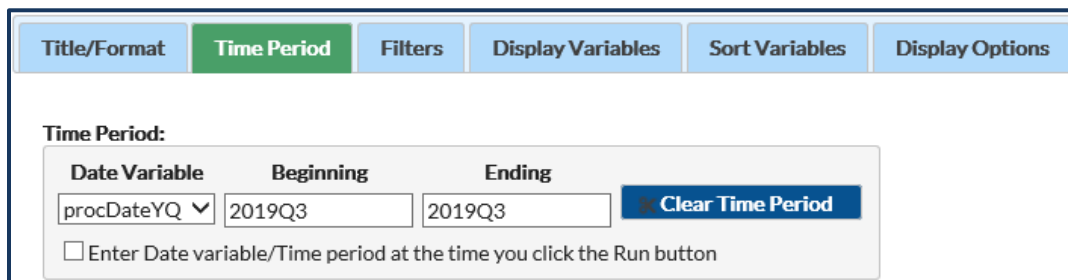


NHSN Analysis FAQs: How do I create a line list of procedures?

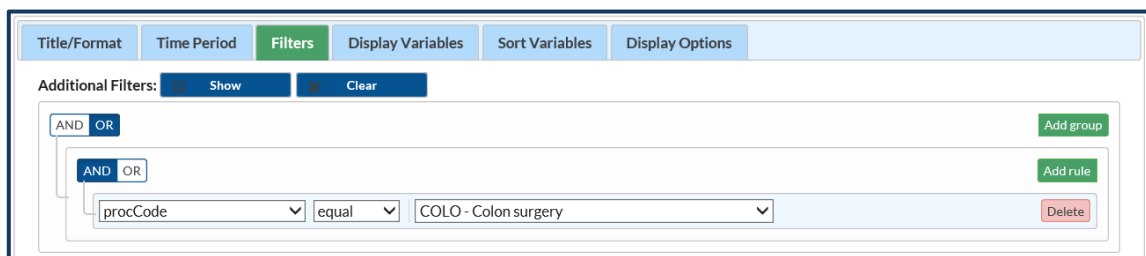
1. Navigate to the “Advanced” → “Procedure-level Data” folder and click “Line Listing – All Procedures”. On the drop-down menu, select “Modify Report”.



2. Make any desired modifications to time period and/or other criteria (e.g., limit to specific procedures).

A screenshot of the 'Time Period' configuration screen in the NHSN interface. The 'Time Period' tab is selected. Below the tabs, there is a section for 'Time Period:' with three input fields: 'Date Variable' (set to 'procDateYQ'), 'Beginning' (set to '2019Q3'), and 'Ending' (set to '2019Q3'). There is a 'Clear Time Period' button to the right of the 'Ending' field. Below these fields is a checkbox labeled 'Enter Date variable/Time period at the time you click the Run button'.

- 2a. To filter to include specific procedure codes in the report. Select the “Filters” tab on the modifications screen, then select the variable “procCode” from the drop-down menu. Select the filter logic “equal”, then select the specific procedure code to include in the report. Please note: To include more than one procedure code change the filter logic from “equal” to “in” to add multiple rows on the Filters page.

A screenshot of the 'Filters' configuration screen in the NHSN interface. The 'Filters' tab is selected. Below the tabs, there is a section for 'Additional Filters:' with 'Show' and 'Clear' buttons. Below this is a filter rule configuration area. It shows a dropdown for 'procCode', a dropdown for 'equal', and a dropdown for 'COLO - Colon surgery'. There are 'Add group', 'Add rule', and 'Delete' buttons.

3. Click the “Display Options” tab and use the options to select variables for your line list, sort your line list, and determine a “Page by variable”. TIP: the “Page by variable” will provide you with one list per value. For example, if “dob” is selected, you will obtain one line list per date of birth.

4. Let's walk through the Display Variables tab of the modifications screen.

Use the "Up" and "Down" buttons to move a variable in the list that has been highlighted. Use the "Undo" button to remove a variable from the list.

Select "Show descriptive variable names" in order to view the complete variable names in the report.

In the "Available Variables" selection box please select the variables to include in the report. To select multiple variables, press, hold, and highlight the selected variables.

The "All" button will move all variables to the "Available Variables" and "Selected Variables" selection boxes. The "Selected" button will move variables that have been highlighted or selected to the "Available Variables" and "Selected Variables" selection boxes.

a. Let's walk through filtering by time period, then adding selected variables.

In this report, "Procedure~Yr/Mon" or the Procedure year and month have been selected for the "Date Variable". The time period used in the report was December 2019.



b. Let's walk through adding selected variables.

Modify "Line Listing - All Procedures"

Show descriptive variable names [\(Print List\)](#) Analysis Data Set: Procedures Type: Line Listing Last Generated: February 3, 2020 2:29 PM

Title/Format Time Period Filters **Display Variables** Sort Variables Display Options

Display Variables:

Available Variables:

- Age on Proc Date
- Approach Description
- ASA Class
- ASA Class Description
- Birth Wt
- Birth Wt Code
- Birth Wt Code Description
- BMI_val
- bs2_modelRiskAdultAll
- bs2_modelRiskAdultCmpx
- bs2_modelRiskComplex30d
- bs2_modelRiskPedAll
- bs2_modelRiskPedCmpx
- Closure Technique
- Closure Technique Description

Selected Variables:

- Facility Org ID
- Patient ID
- Date of Birth
- Gender

Up Down

Add selected variables to the report

Select variables in the "Available Variables" selection box. Click, hold, and scroll to select more than one variable. Then, click on the "Selected" button to move variables over into the "Selected Variables" selection box.

Run Save... Export... Close

c. The below step is optional. Let's move the variables up in order in the "Selected Variables" list

Modify "Line Listing - All Procedures"

Show descriptive variable names [\(Print List\)](#) Analysis Data Set: Procedures Type: Line Listing Last Generated: February 3, 2020 2:29 PM

Title/Format Time Period Filters **Display Variables** Sort Variables Display Options

Display Variables:

Available Variables:

- Age on Proc Date
- Approach Description
- ASA Class
- ASA Class Description
- Birth Wt
- Birth Wt Code
- Birth Wt Code Description
- BMI_val
- bs2_modelRiskComplex30d
- bs2_modelRiskPedAll
- bs2_modelRiskPedCmpx
- Closure Technique
- Closure Technique Description
- CMS Certification Number
- COLO/HYST Excluded from Complex 30 day Model

Selected Variables:

- Facility Org ID
- Patient ID
- Date of Birth
- Gender
- bs2_modelRiskAdultAll
- bs2_modelRiskAdultCmpx
- Procedure ID
- Procedure Date
- Procedure Code

Up Undo

Move selected items up

Use the "Up" button to move the highlighted variables up in the "Selected Variables" list.

Run Save... Export... Close

- d. Make any additional modifications to your report and click the “Run” button. Your output will appear with all appropriate modifications.

National Healthcare Safety Network				Highlighted in the blue box are the variables that were selected for this report.				
Line Listing for All Procedures								
As of: February 6, 2020 at 12:49 PM								
Date Range: PROCEDURE S procDateYM 2019M12 to 2019M12								
Facility Org ID	Patient ID	Date of Birth	Gender	bs2_modelRiskAdultAll	bs2_modelRiskAdultCmpx	Procedure ID	Procedure Date	Procedure Code
10000	CM0114-CARD-A	05/05/1955	F	0.0055	0.0036	40240711	12/12/2019	CARD
10000	CM1219-COLO-A	05/05/1955	F	0.0665	0.0358	39852739	12/05/2019	COLO
10000	CM1207-HYST-A	05/05/1945	F	0.0181	0.0109	39661378	12/05/2019	HYST

The following footnotes apply to the 2015 Baseline only.

1. The "Line Listing for Procedures Excluded from SSI SIR (2015 Baseline)" report contains procedures excluded from one or more SIRs.
2. Variables preceded by excl indicate the reason for exclusion. If excl criterion is set to Y, then the procedure is excluded from the denominator of the related SIR.
3. Please review the Quick Reference Guide on Procedure Exclusion Criteria (<https://www.cdc.gov/nhsn/pdfs/ps-analysis-resources/line-list-procedures-excluded-sir.pdf>) for more information on how to determine which records are included in the SIRs.
4. The variable indicating procedures excluded from the CMS IQR program SIR is bs2_cmpx30dExcl; it applies to COLO and HYST only.

Sorted by procCode

Data contained in this report were last generated on February 3, 2020 at 2:29 PM to include all data .

