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).

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.

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. 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.

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.

c. The below step is optional. Let’s move the variables up in order in the “Selected Variables” list.

Use the “Up” button to move the highlighted variables up in the “Selected Variables” list.
d. Make any additional modifications to your report and click the “Run” button. Your output will appear with all appropriate modifications.

<table>
<thead>
<tr>
<th>Facility Org ID</th>
<th>Patient ID</th>
<th>Date of Birth</th>
<th>Gender</th>
<th>bs2_modelRiskAdultAll</th>
<th>bs2_modelRiskAdultCmpx</th>
<th>Procedure ID</th>
<th>Procedure Date</th>
<th>Procedure Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>10000</td>
<td>CM0114-CARD.A</td>
<td>05/05/1955</td>
<td>F</td>
<td>0.0055</td>
<td>0.0006</td>
<td>40240711</td>
<td>12/12/2019</td>
<td>CARD</td>
</tr>
<tr>
<td>10000</td>
<td>CM1219-COLO.A</td>
<td>05/05/1955</td>
<td>F</td>
<td>0.0065</td>
<td>0.0368</td>
<td>39852730</td>
<td>12/05/2019</td>
<td>COLO</td>
</tr>
<tr>
<td>10000</td>
<td>CM1207-HYST.A</td>
<td>05/05/1945</td>
<td>F</td>
<td>0.0181</td>
<td>0.0109</td>
<td>39681378</td>
<td>12/05/2019</td>
<td>HYST</td>
</tr>
</tbody>
</table>

The following footnotes apply to the 2015 Baseline only.
1. The "Line Listing for Procedures Excluded from SSI SR (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_comp30dExcl; 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.