

# Accessing Patient Safety data within the Outpatient Procedure Component

## Outpatient Procedure Component

### Description

Ambulatory Surgery Centers (ASC) that were previously enrolled in the Patient Safety Component (PSC) in NHSN can view PSC data entered before November 1, 2018 in the Outpatient Procedure Component (OPC). The PSC records with a procedure date of Oct 31, 2018 or earlier are accessible in OPC via the Analysis reports. .

### Logging into OPC

- When a facility enrolls in more than one component, the NHSN Landing Page allows selection of a specific NHSN component such as the “Outpatient Procedure” component via the dropdown menu.
- If an individual user has access to multiple facilities, choose the correct facility from the “Select facility/group” dropdown menu; otherwise, your Facility Name and OrgID will automatically populate.

The screenshot shows the NHSN Landing Page interface. At the top, there is a header with a stethoscope icon and the text "Welcome to the NHSN Landing Page". Below this is a user profile icon. The main content area contains two dropdown menus. The first is labeled "Select component:" and has a dropdown arrow. The dropdown list is open, showing three options: "Healthcare Personnel Safety", "Outpatient Procedure" (highlighted with a red box and a red arrow), and "Patient Safety". A yellow circle with the letter "a" is next to the "Outpatient Procedure" option. The second dropdown menu is labeled "Select facility/group:" and has a dropdown arrow. A yellow circle with the letter "b" is next to it. A blue callout box with a pointer to the dropdown arrow contains the text "The facility ID should appear here". Below the dropdown menus is a blue "Submit" button.

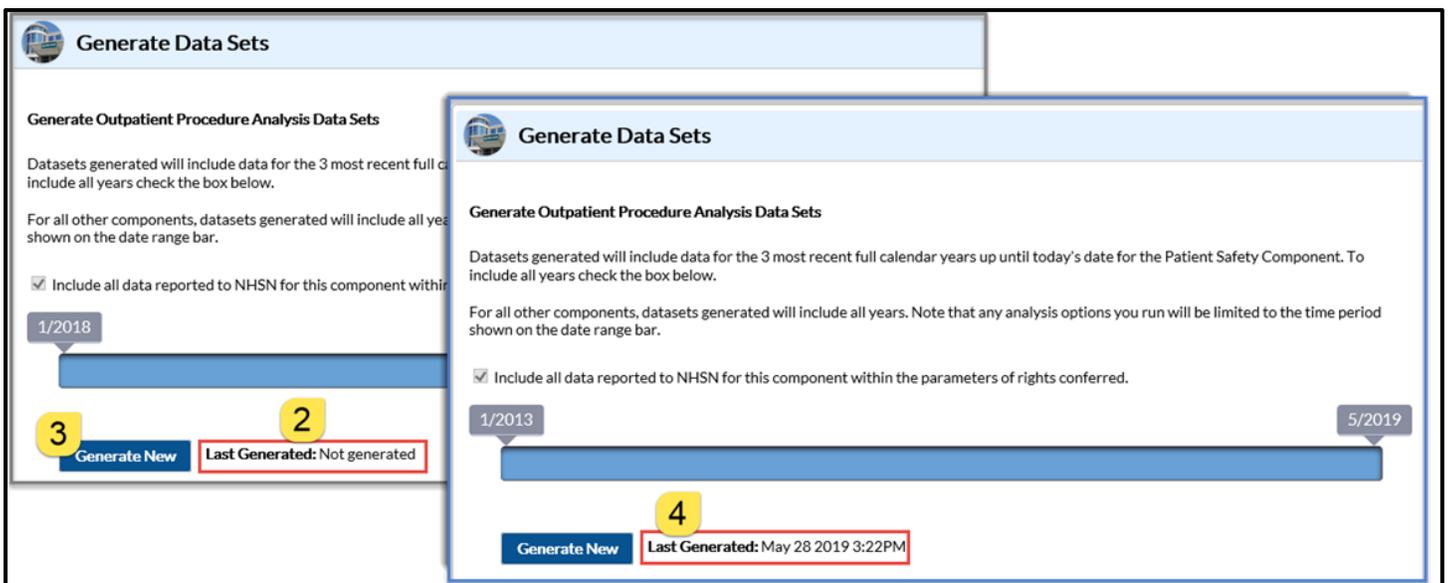
### Generating Data Sets

ASCs that were automatically transitioned to OPC must generate new data sets to use the OPC analysis functions. Generation of data sets is unique to individual users/user IDs. This means that each user within a facility must generate data sets to incorporate any new data or updates to existing data in order for that user to view/analyze the facility’s data.

1. After logging into the OPC, from the left-hand navigation screen under “Analysis,” select “Generate data sets”

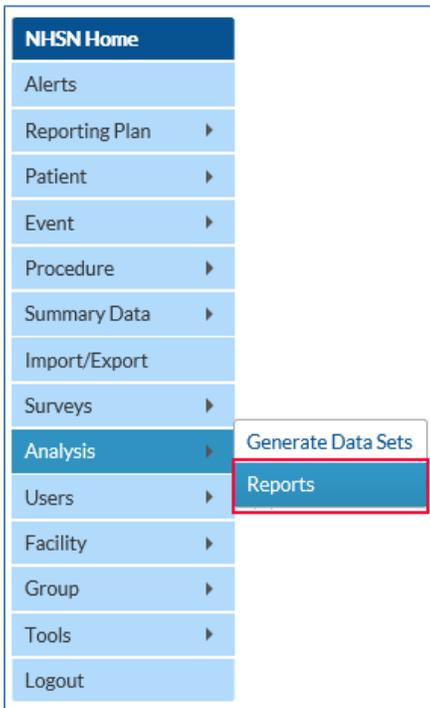


2. The “Generate Data Sets” screen appears showing the last date a data set was generated.
3. Click “Generate New”.
4. When generation of data sets is complete, a date-time stamp will appear and the newly updated data is available for analysis reports.

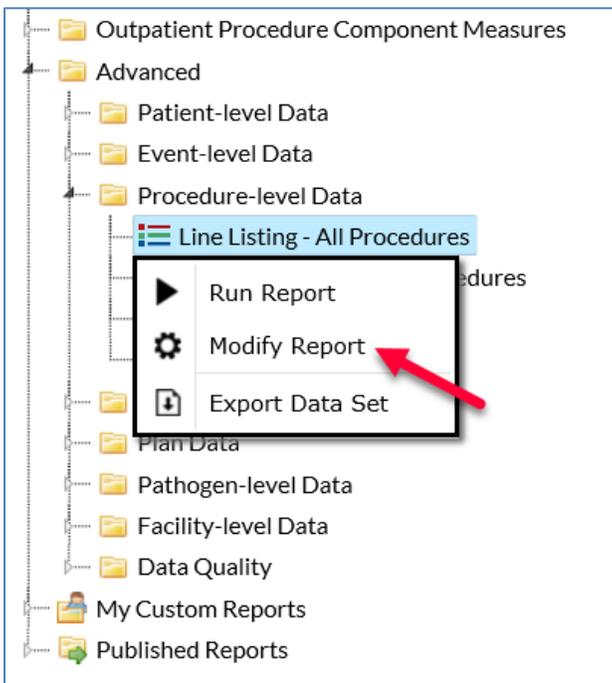


# Accessing Line List of Procedures

On the left-hand navigation pane of the application, you will select “Analysis” and then “Reports”



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



## Modification of Line Listing

1. Make any desired modifications to time period and/or other criteria (e.g., limiting to specific procedures) by navigating through the tabs on the modification window (see example below).

Show descriptive variable names ([Print List](#))

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

**Time Period:**

Date Variable	Beginning	Ending	
procDateYM ▾	06/2018	12/2018	<b>Clear Time Period</b>
<input type="checkbox"/> Enter Date variable/Time period at the time you click the Run button			

**Tip:** Show descriptive variable names = variable labels on the report (e.g., procDateYM=Procedure Date Year Month)

2. Click the “Display Variables” tab and use the options to select variables for your line list. For example, to see which procedures were reported in PSC vs those that were reported in OPC, select the *component* variable.

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

**Display Variables:**

Available Variables:		Selected Variables:	
ageAtProc	<b>All</b> ⇌	orgID	<b>Up</b>
allAdultExcl	<b>Selected</b> ▾	patID	<b>Down</b>
anesthesia	<b>Selected</b> ▾	dob	
asa	<b>All</b> ⇌	gender	
asa_cat		procID	
asaDesc		procDate	
bedsize		procCode	<b>Undo</b>
bmi_val			
CCN			
comment			
completedFlag			
<b>component</b>			
createDate			
createUserID			
custom1			

3. If desired, click “Sort Variables” to sort your line list, and click “Display Options” to determine how to display the report (e.g., page by Procedure/procCode).
4. After making modifications to your report, click the “Run” button. Your output will appear with all appropriate modifications.

# Sample Report

## National Healthcare Safety Network Line Listing of All Procedures

As of: May 31, 2019 at 8:07 AM

Date Range: OP\_PROCEDURES procDateYM 2018M06 to 2018M12



orgID	patID	dob	gender	procID	procDate	procCode	component
14913	1	10/09/1990	M	80779	06/15/2018	AVSD	PS
14913	OPC1874	04/24/1937	F	81728	09/11/2018	BRST	PS
14913	OPC1952	02/12/1960	F	81806	09/08/2018	BRST	PS
14913	OPC1472	06/16/1961	F	81326	09/15/2018	BRST	PS
14913	OPC1737	10/22/1971	F	81591	08/08/2018	BRST	PS
14913	OPC1975	09/27/1975	F	81829	09/08/2018	BRST	PS
14913	OPC1851	11/29/1944	M	81705	09/15/2018	BRST	PS
14913	OPC1048	10/29/1997	F	79843	09/18/2018	HER	PS
14913	OPC1068	10/07/1980	F	79863	09/05/2018	HER	PS
14913	OPC1629	10/29/1949	F	81483	09/13/2018	HER	PS
14913	OPC1070	02/12/1960	F	79865	11/08/2018	KPRO	OP
14913	OPC1036	07/15/1972	F	79831	11/20/2018	KPRO	OP
14913	OPC1799	05/13/1962	F	81653	12/02/2018	LAM	OP

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.

Sorted by *procCode*

Data contained in this report were last generated on May 24, 2019 at 1:03 PM.

Notice in this example, the *component* variable identifies the component the procedures were entered. The Patient Safety Component is designated by "PS" and Outpatient Procedure Component is designated by "OP." The "OP" value is applicable for procedures with procedure dates from November 2018 and forward. This is because starting November 1, 2018, OPC replaced the use of PSC for ASCs.

**TIP:** The footnotes contain information on the date and time that datasets were last generated, as well as any information specific to that report. For example, the footnotes that accompany SIRs will include the source of aggregate data (i.e., baseline report) as well as relevant inclusion criteria.

## Additional Resources

ASC Surveillance Resources: <https://www.cdc.gov/nhsn/ambulatory-surgery/ssi/index.html>

General Tips for NHSN Analysis: <https://www.cdc.gov/nhsn/pdfs/ps-analysis-resources/General-Tips-NHSN-Analysis.pdf>



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