

Using the “SIR – CAU Data for CMS IRF PPS” Output Option – Simplified

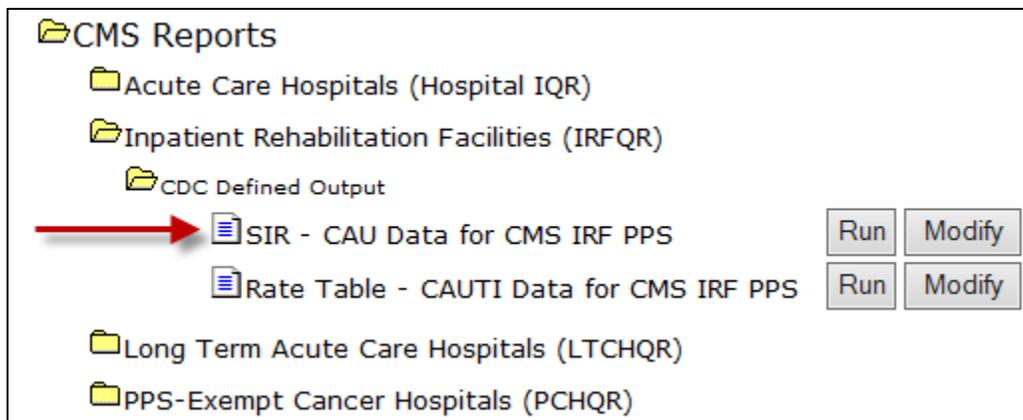
The NHSN Analysis Output Option, “SIR– CAUTI Data for CMS IRF PPS” was created in order to allow both free-standing inpatient rehabilitation facilities (IRFs) and acute care hospital rehabilitation wards designated as CMS IRF units to review those data that would be submitted to CMS on their behalf if they are participating in the CMS IRF Quality Reporting Program.

- a. This report will only include **in-plan CAUTI data for each IRF beginning with January 2014 data**. Note that rates were submitted to CMS through 2013 data.
- b. This output option provides an SIR for each IRF, not each CCN. If your IRF shares a CCN, the rates will only represent the data that your IRF has contributed to the overall rate for all IRFs that share the CCN.
- c. The SIR that will be shared with CMS and presented in this output option is calculated at the overall, IRF level.
- d. The data in this report will represent data current as of the last time you generated datasets. Quarterly data are frozen as of the final submission date for that quarter (e.g., Q4 data will be frozen as of 1am ET on May 16th); any changes made to these data in NHSN after the final submission deadline will not be reflected in data shared with CMS.

Example of the “SIR – CAU Data for CMS IRF PPS” Output Option:

Before running this output option, remember to generate your datasets for the most up-to-date data reported to NHSN by your facility! To generate datasets, go to Analysis > Generate Data Sets, then click “Generate New”.

1. After selecting Analysis > Output Options, navigate through the following folders: CMS Reports > Inpatient Rehabilitation Facilities (IRFQR) > CDC-Defined Output. Click “Run” next to “SIR – CAU Data for CMS IRF PPS”, as shown below:



2. By default, the results will appear in an HTML window. If a second window does not pop-up, please be sure to check your pop-up blocker and allow pop-ups from *.cdc.gov.

January 2015

- The first table, titled "SIR for Urinary Catheter-associated UTI Data for CMS IRF PPS – by OrgID" will be presented in the pop-up HTML window. The table presents an SIR for each calendar-year quarter for the IRF. This is the information that will be submitted to CMS for your facility.

Sample output is displayed below:

National Healthcare Safety Network							
SIR for Urinary Catheter-associated UTI Data for CMS IRF PPS - By OrgID							
Date Range: CAU_RATESIRF summaryYr After and Including 2014 if (((utiPlan = "Y")))							
orgid=10962 CCN=999999							
orgid	summaryYQ	infCount	numExp	numcathdays	SIR	SIR_pval	SIR95CI
10962	2015Q1	1	0.606	129	.	.	.

If infCount in this table is less than you reported, aggregate data are not available to calculate numExp.
Lower bound of 95% Confidence Interval only calculated if infCount > 0. SIR values only calculated if numExp >= 1.
SIR excludes those months and locations where device days are missing.
Source of aggregate data: 2013 NHSN Data

From this output, we can conclude the following:

- For the first quarter of 2015 (*summaryYQ*), this IRF reported 1 CAUTI and 129 urinary catheter days (*numcathdays*).
- Based on the National baseline data, 0.606 CAUTIs were predicted (*numExp*). Because the number of predicted CAUTIs is less than 1, the SIR, p-value (*SIR_pval*), and 95% Confidence Interval (*SIR95CI*) are not calculated.

If these numbers are correct then you can feel confident that your numbers are ready to be sent to CMS on the deadline date. If these numbers are not correct, please see the detailed guidance "Using the 'SIR – CAU Data for CMS IRF PPS' Output Option" to follow step-by-step instructions on how to check your data and identify where information is missing/incomplete. This document is available from:

<http://www.cdc.gov/nhsn/cms/index.html>.

