Quick Reference Guide to the NHSN PSC Annual Survey Data Quality Dashboard

The NHSN PSC Annual Survey Data Quality Dashboard identifies and displays survey data checked for data quality. The dashboard alerts users to substantial differences that warrant further review to ensure accurate survey data. The dashboard features survey data from the two most recent PSC Annual Surveys, provides recommendations to review specific survey data, and offers functionality for editing the survey data within the dashboard, simplifying the process for editing the Annual Survey.

Purpose

The purpose of the NHSN PSC Annual Survey Data Quality Dashboard is to enhance the accuracy and reliability of survey data collected by NHSN. By identifying and flagging survey data with substantial differences from previous surveys, the dashboard facilitates targeted reviews and ensures that facilities can promptly address any issues. The dashboard provides prompt feedback to facilities regarding survey data that requires further review to enable them to address potential issues swiftly. It serves as a tool for facilities to monitor their data quality and make informed decisions based on accurate information.

Important Considerations

Survey data flagged for further review in the dashboard does not necessarily indicate incorrect data. Operational adjustments, shifts in practices, or other changes implemented within your facility could impact a facility's survey data, resulting in an alert when compared to the prior year's survey data. It is crucial that facilities carefully review both the current and previous survey data before making edits.

Reminder: Survey data are used to calculate standardized ratios, like the SIR, SUR, and SAAR. Changes to the current or prior survey data could change a facility's standardized ratios.
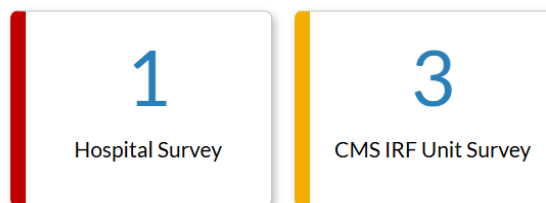
Navigating to the Dashboard

There are multiple ways to the Survey Data Quality Dashboard.

1. Dashboard Data Quality Alert

If there is data from the Annual Survey that needs to be reviewed, an alert will appear on the main page of the NHSN Application.

Patient Safety Component Annual Data Quality Alerts

| 1	3
Hospital Survey	CMS IRF Unit Survey

Click on the alert to go to the dashboard, which will show which variables need to be reviewed.

2. Dashboard menu option on Left Menu Panel

Hover over the Dashboard tab on the menu on the left side of the NHSN application to bring up the available Patient Safety dashboards. From there, click on the **Survey Data Quality Dashboard** option to bring up the dashboard.
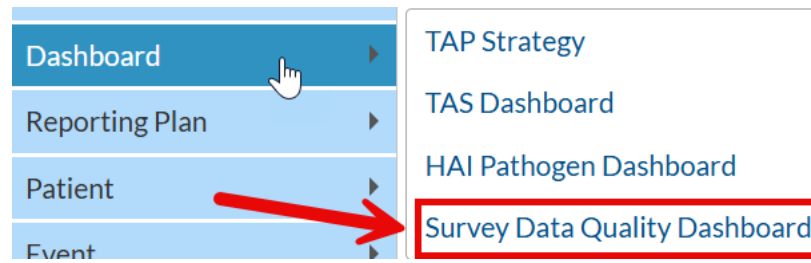
3. NHSN Application Alerts Page

On the alerts page of the NHSN application, the available dashboards will be listed at the top of the page. Click on the **Survey Data Quality Dashboard** tab to open the dashboard.


Viewing Data in the Dashboard

After navigating to the dashboard, you can view the data that is provided. There are four columns in the survey dashboard.

1. Survey Question: this column displays which question corresponds to the data on the dashboard. The survey questions included in the dashboard impact the SIR. It is important that the data for these questions is accurate.
2. (Previous year's) Survey Response: The second column in the dashboard will pull up a previously submitted survey. This column will look at the two most recently completed previous surveys. If the previous year's survey was not submitted, it will display the survey from the year before that. If neither of the previous two surveys were submitted, it will display a message of "Incomplete Survey."
3. (Current) Survey Response: The third column in the dashboard displays survey data from the current survey. If the current survey has not been submitted, it will display the message "Missing Survey."
4. Potential Data Quality Issue: The fourth column in the dashboard will indicate if there is a potential data quality issue that needs to be addressed. The message options for this column are:
   a. Confirm
   b. Resolved
   c. Comparisons cannot be calculated

   See below for more information on what each of these messages mean and action that needs to take.

Reviewing and Updating Data in the Dashboard

If a potential data quality issue has been identified and the data on a survey needs to be updated, you can navigate to the survey directly from the dashboard. Under the survey year that needs to be updated, click on the **Review** button. This will bring you directly to that survey page.
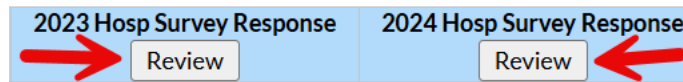
Scroll to the bottom of the page and click "Edit" to begin editing the survey.

After making the needed edits, scroll to the bottom and click "Submit" to have the updated survey submitted. Survey updates will only be reflected on the dashboard after the survey is submitted.
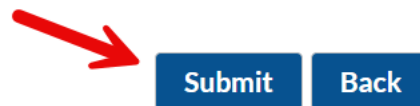
Confirming Data in the Dashboard

If the data reflected in the dashboard is correct, click the **Confirm** button in the "Potential Data Quality Issue" column. This will update the message to say "Resolved." Once the dashboard is displaying the "Resolved" message, the alerts on the alert page will clear. The "Confirm" button should only be clicked once the data reflected in the dashboard is correct.

Survey Question	2023 Hosp Survey Response Review	2024 Hosp Survey Response Review	Potential Data Quality Issue
Number of Beds	150	15	● Resolved
Number of Patient Days	2000	100	● Confirm
Number of Admissions	250	51	● Confirm
Number of ICU Beds	100	5	● Confirm
Medical School Affiliation	GRADUATE	GRADUATE	No Issue Detected
	◄◄ ◄ Page 1 of 1 ► ►►		View 1 - 5 of 5

Key Terms and Definitions:

Missing Survey: This message will be displayed in the second column of the dashboard if there are no surveys for the two previous years. To clear this message, a survey for one of the two previous years will need to be submitted. For example, if the current survey is the 2024 survey, either a 2023 or 2022 survey will need to be submitted to clear this message.

Facility not operational: This message will be displayed in both the second and third columns of the dashboard if the checkbox next to the statement "Facility was not operational in the calendar year of ___" is checked on the survey. This indicates that the facility was not operational in the survey year indicated on the dashboard.

Survey Required: This message will be displayed in the third column of the dashboard if the current survey has not been completed. To clear this message, a current survey must be submitted.

Comparisons cannot be calculated: This message will be displayed in the fourth column of the dashboard if there is not enough data to do a comparison between two years. This could be due to surveys not being submitted or surveys where the facility was not operational. To clear this message, a survey must be submitted for the year in which survey data is missing. If a facility is correctly marked as not operational for a specific survey year, this message is not an error.

Confirm: This message will be displayed in the fourth column of the dashboard if there is a potential data quality issue. To clear this message, click the button next to the message. This button should only be clicked once the data in the dashboard is correct. Only click this button if confirming that no changes need to be made to the data.

Resolved: This message will be displayed in the fourth column of the dashboard when a potential data quality issue has been resolved. This message is only displayed once the "Confirm" button has been clicked. This message will remain in the dashboard for the remainder of the calendar year until new surveys become available in the next year. If the survey data is edited throughout the year and another potential data quality issue is identified, then this message will change back to "Confirm" as another review will be required with the new data.