LEAPFROG’S NHSN GROUP

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Section 7: Managing Serious Errors

- Currently in Section 7 Managing Serious Errors, Leapfrog asks hospitals to report infection data for 5 hospital-acquired infections in Sections 7B and 7C:
  - CLABSI (ICU only)
  - CAUTI (ICU only)
  - SSI:colon
  - MRSA
  - C.difficile

- In 2017, Leapfrog will be making several changes to these sections:
  - Combine Sections 7B and 7C and rename the subsection 7B Healthcare-Associated Infections.
  - Use NHSN facility-wide inpatient measures for CLABSI and CAUTI to collect data on ICUs and select wards.
  - Remove data entry for both Sections 7B and 7C from the online survey and instead obtain the data for these 5 infection measures directly from the CDC’s National Healthcare Safety Network (NHSN).
Obtaining Data from NHSN

- Leapfrog will obtain data directly from NHSN for the five healthcare-associated infections included in Section 7B.
- Participating hospitals will be required to join Leapfrog’s NHSN Group in order for data to be shared with Leapfrog and to be used in their Leapfrog Hospital Survey results.
- This will allow Leapfrog to obtain the hospital’s standardized infection ratios for each of the five applicable infection measures, as well as individual ICU and ward rates for CLABSI and CAUTI, directly from NHSN.
Reporting Periods

- Section 7B will use two reporting periods:
  - Prior to September 1\textsuperscript{st}: CY 2016 NHSN Data
  - On/after September 1\textsuperscript{st}: 2016Q3 – 2017Q2 NHSN Data

- Hospitals must join Leapfrog’s NHSN Group by the end of the month in which they are submitting the section. Otherwise, they will be publicly reported as “Declined to Respond” for all measures in Section 7B.
  - For example, hospitals submitting by the June 30\textsuperscript{th} deadline, must join Leapfrog’s NHSN Group by June 30\textsuperscript{th} or they will be publicly reported as “Declined to Respond” for each of the 5 infections.

- Data will be automatically refreshed after September 1\textsuperscript{st} to reflect the updated reporting period for all facilities that have submitted a Leapfrog Hospital Survey.
Scoring Algorithm – Updated Thresholds

- NHSN updated baselines and the methodology used to calculate standardized infections ratios in December 2016 for each of the five infection measures.

- As such, Leapfrog will recalculate the cut-points used to assign performance categories for these five measures based on the national distribution of SIRs using the CMS national dataset released in December.
For the 2016 Leapfrog Hospital Survey, pediatric hospitals that did not report on MRSA or C. difficile were scored as “Does Not Apply” for both measures.

In 2017, pediatric hospitals will be required to perform NHSN surveillance on all applicable infection measures, including MRSA and C. difficile. Otherwise, they will be reported as “Declined to Respond.”

Pediatric hospitals will be required to join Leapfrog’s NHSN group in order to be scored on this section.
Public Reporting

- Hospitals will be able to review their NHSN data by accessing their Hospital Details Page prior to the first publication of 2017 Leapfrog Survey Results on July 12, 2017.
- The Hospital Details Page will be refreshed monthly thereafter to reflect surveys (re)submitted each month.
- Data will be automatically pulled and refreshed each month from NHSN. Hospitals should expect to see changes to their Section 7B data if they make updates to their data in NHSN for the reporting time period.
- Data will be automatically refreshed after September 1st to reflect the updated reporting period for all facilities that have submitted a Leapfrog Hospital Survey.
Joining Leapfrog’s NHSN Group

- In order for Leapfrog to obtain a hospital’s data, hospitals will need to join Leapfrog’s NHSN Group.
- This will allow Leapfrog to view and download selected shared data.
- It does not allow other members of the group (i.e., other hospitals) to view the data shared by your facility.
- Hospitals should join the group as soon as possible in case they encounter any issues.
- Instructions and FAQs can be found here: www.leapfroggroup.org/survey-materials/join-nhsn
Important Note: Hospitals must provide a valid NHSN ID in the Profile Section of their Leapfrog Hospital Survey.

1. Log into NHSN (needs to be someone with Administrator rights): [https://sams.cdc.gov](https://sams.cdc.gov)
2. Select “Group” and then “Join”

3. Enter the following:
   a) Group ID: **44303**
   b) Group Joining Password: **LeapfrogHospitalSurvey**
4. Select “Join Group” button
Instructions for Joining (cont.)

5. After agreeing to the message, you will be brought to the “Confer Rights-Patient Safety” screen where you will see the data our group is requesting access to.

6. Review the requested information and select “Accept” at the bottom of the screen in order to share your data.

- Users will be prompted to review and accept the Data Rights Template anytime Leapfrog makes updates to the data they are requesting access to.
- Failure to accept these changes means that Leapfrog will no longer be able to obtain data for your facility and your facility will be reported as “Declined to Respond” for all five infection measures in Section 7B.
Instructions for Joining (cont.)

- ☐ and ☑ indicate that the relevant piece of data is being requested by the Group.
- The ⚠️ icon indicates areas of the data rights template that have changed (either a new request or the Group has removed the request).

- The Group will specify criteria for plan status, time period, and event or denominator type for events and denominators.
- The Facility can select the “N/A” box to exclude that item from being shared and can use the drop-downs to include/exclude specific locations.
NHSN Update

- The CDC updated NHSN’s interface and released NHSN Version 8.6 on January 7th.
- Leapfrog’s instructions have been amended to reflect this.
- Details on these updates can be found in the December NHSN Newsletter: https://www.cdc.gov/nhsn/pdfs/newsletters/nhsn-nl-dec-2016.pdf
Multi-Campus Reporting

- Leapfrog requires hospitals within a system to report individually to the Leapfrog Hospital Survey. See our policy here: http://www.leapfroggroup.org/survey-materials/multi-campus-reporting-policy

- This policy also applies to hospitals that share a Medicare Provider Number, tax payer ID, hospital license, etc. that are not within a contiguous geographic location.

- Similarly, hospitals must report separately to NHSN.

- NHSN’s policy aligns with Leapfrog’s: “If free-standing facilities are located in physically separate buildings, whether on the same property or over multiple campuses, each individual facility should be enrolled separately in NHSN. This applies even if physically separate facilities share a single CMS Certification Number (CCN).”
If your facility or system is currently incorrectly enrolled and reporting data from multiple facilities with a single NHSN ID then you will need to have this corrected prior to the opening of the 2017 Leapfrog Hospital Survey in April (by end of 2017, Quarter 2):

1. Continue reporting into one NHSN OrgID for the remainder of the current quarter. For example, if you realize in February 2015 that your healthcare system is incorrectly enrolled, continue reporting this way until all data for 2015 quarter 1 (through March 2015) have been entered.

2. Once all data for the current quarter have been entered, continue to use the established NHSN OrgID for the reporting of data from the largest hospital in the healthcare system. You will need to enroll each of the additional hospitals as separate facilities in NHSN. The process of enrolling separate facilities may begin at any time, however we recommend that facilities wait to enter data into the “new” NHSN facilities until the start of the next quarter. To enroll facilities, you will need to have “NHSN Enrollment” listed as an activity on your SAMS profile. Email the NHSN Helpdesk (NHSN@cdc.gov) if you need to have “NHSN Enrollment” added to your SAMS profile.

3. Once all data for the current quarter have been entered, inactivate all NHSN locations in the established OrgID that represent units in a physically separate facility. For detailed instructions on inactivating a location, please see page 11 from the 2013 NHSN Newsletter: http://www.cdc.gov/nhsn/PDFs/Newsletters/Newsletter-Dec2013.pdf.

4. Complete enrollment and facility set-up for the new NHSN facilities, including proper location mapping. If the facility was using CDA to upload data into NHSN, each new NHSN facility will need a separate OID. The OIDs for the new facilities can be requested using this process: http://www.cdc.gov/nhsn/PDFs/CDA/OID_Assignment_Procedure.pdf. Once the OIDs are obtained, they should be entered into the new NHSN facilities and shared with your vendor.

FAQs

- **Q:** Will the data be shared with other members of the group?
  - **A:** No, a facility that joins a group does not have access to any data from other facilities in the group. Data will only be shared with Leapfrog.

- **Q:** How will the data be used?
  - **A:** The data will be used to score your facility and provide results for Section 7B Healthcare-Associated Infections in the 2017 Leapfrog Hospital Survey.

- **Q:** What data is being requested?
  - **A:** The data being requested by Leapfrog is used to generate individual rates and standardized infections ratios for CLABSI, CAUTI, MRSA, CDI, and SSI: colon within NHSN. Immediately after joining the Group, the facility will be taken to a screen listing the data that the Group is requesting access to, referred to as the Data Rights Template. An “X” in the box indicates that a particular piece of data is being requested by the Group. For events and denominators, the facility can indicate “N/A” if an item is not applicable and can use the drop-down boxes on the template to include or exclude non-applicable locations. Other fields on the template are not editable. The facility must select the “Accept” button at the bottom of the screen in order to accept the template of data rights and share data with Leapfrog.
FAQs

**Q:** Will Leapfrog be collecting patient identifiers?

**A:** No, Leapfrog will not be collecting any patient identifiers. When reviewing the Data Rights Template, hospitals will see that we are requesting patient data “without identifiers.”

**Q:** Who from out facility needs to complete the “join group” process within NHSN?

**A:** An administrative-level NHSN user is needed to join a Group within NHSN and complete the “Confer Rights” process.

**Q:** After joining the NHSN group, what else is required?

**A:** When a hospital first joins the group, they are asked to “confer rights” to the Leapfrog Group, which specifies the data that would be shared with Leapfrog. Leapfrog has set up a data rights template, which specifies the data we are requesting. Once a facility joins and accepts the data sharing, there is nothing else that is required. If Leapfrog updates the data rights we are requesting, then the NHSN administrator would be notified when they next log into NHSN. They have the option to accept the updated data sharing request or leave the group. Hospitals will be able to view the data that is being pulled into their Leapfrog Hospital Survey results by accessing their Hospital Details Page from their survey dashboard before Leapfrog first publishes 2017 Leapfrog Hospital Survey results in July. **Important Note:** Hospitals must provide a valid NHSN ID in the Profile Section of their survey.

**Q:** Will Leapfrog notify hospitals if the Data Rights template is updated and they need to re-accept it within NHSN?

**A:** Yes, Leapfrog will send out a newsletter/mass e-mail communication to notify hospitals if we update the data we are requesting access to. Hospitals will be prompted to review the updated Data Rights Template and reaccept it when they next log into NHSN. Failure to do so will result in leaving Leapfrog’s NHSN Group and Leapfrog will no longer be able to obtain NHSN data for your facility on these five infection measures. You will be reported as “Declined to Respond” for all five infection measures in Section 7B Healthcare-Associated Infections.
FAQs

Q: Why is Leapfrog updating the data monthly? Won’t this cause changes to the data?
A: Leapfrog will update NHSN data monthly since we allow hospitals to submit a survey at any point from April to December and will need to obtain NHSN data for any new facilities. The reporting period (CY 2016) will remain the same until September 1st, when we will start pulling data using the updated reporting period (2016 Q3 – 2017Q2). A hospital’s data would only change if they update the surveillance data submitted for that reporting period within NHSN. This should be rare as there is at least a 6 month reporting lag.

Q: When will the Hospital Details Page be published and how often will it be refreshed?
A: It will first be published on July 12th to reflect June 30th submissions before results are published publicly on July 25th. After July, it will be refreshed monthly when Leapfrog publishes Leapfrog Hospital Survey Results within the first five business days of each month following the month of submission.

Q: Will joining the Leapfrog group prohibit us from joining other NHSN Groups?
A: No, facilities may join multiple groups within NHSN.
FAQs

Q: How will older data be handled for facilities that need to go through the process of separating out their multi-campus hospitals and getting new OrgIDs within NHSN? For instance, if a pediatric facility has been reporting with their adult hospital and now needs to be set up with its own OrgID in NHSN, will the facility need to back-fill in the data from 2016 or will there not be any data available for that time period?

A: Hospitals should follow the instructions provided at www.leapfroggroup.org/survey-materials/join-nhsn (also in NHSN’s March 2015 newsletter) to enroll their new facilities in NHSN and start reporting separately at the start of a new quarter. There should be no need to fill in any historical data and doing so would create problems with risk-adjustment and in verifying CMS data. Hospitals with new OrgIDs will likely not have enough data and will be reported as “Unable to Calculate Score” for the 2017 Leapfrog Hospital Survey. It’s important that hospitals start the process of separating their campuses out at the start of a new quarter and as soon as possible.

Q: Why might there be discrepancies between what a hospital pulls from NHSN for the CMS IPPS reports and what is shown on CMS Hospital Compare for the same reporting period?

A: There can be differences for a variety of reasons:
- Hospital shares a Medicare Provider Number and their data is aggregated before it is sent to CMS and displayed on Hospital Compare.
- Hospital Compare is currently using new baselines and risk adjustments, which require running a new report in NHSN.
- Hospital Compare data is frozen based on the quarterly reporting deadline, whereas NHSN is constantly changing if a hospital changes their data. NHSN encourages hospital to save their CMS IPPS report from NHSN at the end of each reporting period.
Questions?

For other questions, please contact Leapfrog’s Survey Help Desk: https://leapfroghospitalsurvey.zendesk.com. Some questions may need to be re-directed to NSHN: NHSN@cdc.gov.