

How to Run the Priorities for Hospital Core Element Implementation Line List in NHSN

Updated December 2023

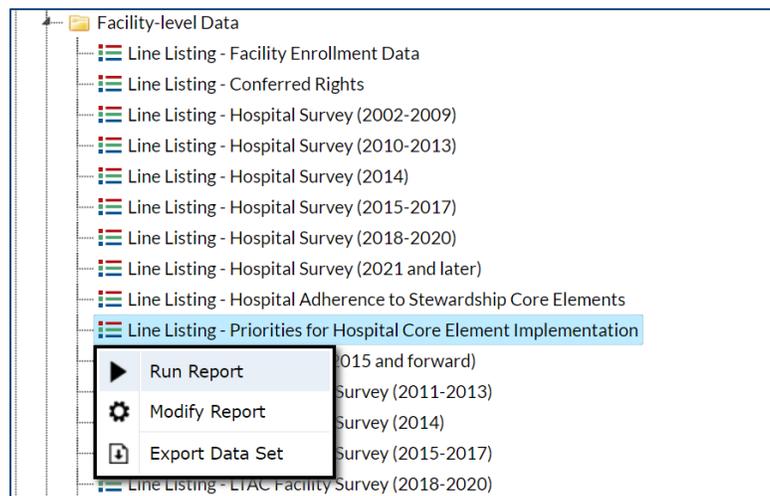
Overview

CDC has outlined **Priorities for Hospital Core Element Implementation (Priorities)** to enhance the quality and impact of hospital antibiotic stewardship programs. The *Priorities* are derived from the **Core Elements of Hospital Antibiotic Stewardship Programs (Core Elements)** and highlight a subset of effective stewardship implementation approaches supported by evidence or recommended by stewardship experts. The *Priorities* have been identified for six of the seven *Core Elements* and provide hospital leadership and antibiotic stewards opportunities to expand their antibiotic stewardship programs. The *Priorities* include hospital leadership commitment, accountability, pharmacy/stewardship expertise, action, tracking, and reporting. For critical access hospitals (CAHs), accountability may be met if the hospital has a physician leader with a pharmacist involved in stewardship (recognizing that some CAHs do not have pharmacists on staff, so co-leadership is not possible).

Responses to the annual hospital survey were used to determine if a hospital meets one or more of the *Priorities*, except for tracking. A hospital meets the Tracking *Priorities* by submitting at least one month of data to the NHSN Antimicrobial Use Option in the calendar year for which the survey was conducted. The *Priorities* Line List can be generated using the 2021 annual hospital survey and forward.

Instructions

We recommend that facilities complete the most recent annual survey before running this report. Once completed, generate new analysis datasets and proceed to the NHSN analysis reports page. In the Supplemental Reports folder, click “Facility-level Data” then “Line Listing - Priorities for Hospital Core Element Implementation” to display the Line Listing. Click “Run Report” to generate the line list in a new window.



Example Line List Report

National Healthcare Safety Network

Line Listing - Priorities for Hospital Core Element Implementation of Hospital Antibiotic Stewardship Program

As of: June 1, 2023 at 4:47 PM
Date Range: All ABX STEWARDSHIP
if ((surveyYear > "2020"))

orgID=15331

orgID	surveyYear	Leadership_Priority	Accountability_Priority	Pharmacy_Priority	Action_Priority	Tracking_Priority	Reporting_Priority	PriorityCEMet
15331	2021	N	Y	Y	N	N	N	2

Sorted by orgID surveyYear

Data contained in this report were last generated on June 1, 2023 at 9:44 AM to include data beginning January 2020 through June 2023 .

1. These are the six Priority Elements recommended by CDC to further enhance hospital antibiotic stewardship programs. Education does not have a Priority Element. More information on Priorities for Hospital Core Element Implementation can be found here: <https://www.cdc.gov/antibiotic-use/core-elements/hospital/priorities.html>
2. Responses to the annual hospital survey were used to determine if a hospital meets one or more of the Priority Elements, except for tracking. A hospital meets the Tracking Priority Element by submitting at least one month of data to the NHSN Antimicrobial Use Option in the calendar year for which the survey was conducted.
3. A critical access hospital (CAH) meets the Accountability Priority Element if there is co-leadership by physician and pharmacist OR if the CAH had a physician leader with a pharmacist involved in stewardship.
4. Review the NHSN data dictionary for information on variables names. We recommend using variable labels when running this report.
5. Adherence to a Priority Element is achieved with a positive ("Y") response to the specified question(s).

Interpretation

The generated report will include completed surveys from 2021 – onward in the “surveyYear” column, followed by the six Priorities. Each of the Priorities will have a “Y” if the element is met or a “N” if not met. Responses from multiple Patient Safety Annual Survey questions are used to determine whether some elements are met; see Mapping section below. The final column labeled “PriorityCEMet” is the total number of Priorities met for a specific survey year.

In the example above, the facility met two Priorities in the survey year 2021 indicated by the “2” in the PriorityCEMet column. Priorities met include Accountability and Pharmacy indicated by a “Y” in the Accountability_Priority and Pharmacy_Priority columns. Priorities not met include Leadership, Action, Tracking, and Reporting indicated by the “N” in the Leadership_Priority Action_Priority, Tracking_Priority, and Reporting_Priority columns. If running this report from a Group in NHSN, all facilities in the Group who have conferred rights to annual survey data will appear in the line list.

Mapping

The *Core Elements* are mapped to the Patient Safety Annual Survey and outlined in the “Crosswalk of Antibiotic Stewardship Practices Mapping from Patient Safety Annual Survey.” More information is available on this webpage - <https://www.cdc.gov/nhsn/xls/mapping-ps-annual-survey-question.xlsx>.

Additional Resources

For more information about the *Priorities for Hospital Core Element Implementation* please visit the webpage here, <https://www.cdc.gov/antibiotic-use/core-elements/hospital/priorities.html>

For more information about the *Core Elements of Hospital Antibiotic Stewardship Programs* please visit the webpage here, <https://www.cdc.gov/antibiotic-use/core-elements/hospital.html>

How to run and modify a Line List within NHSN:

<https://www.cdc.gov/nhsn/pdfs/ps-analysis-resources/linelists.pdf>

How to run the Core Elements Line List:

<https://www.cdc.gov/nhsn/pdfs/ps-analysis-resources/core-elements-linelist.pdf>