Summary of Patient Safety Component Annual Survey Data, 2016 - 2020

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National Healthcare Safety Network (NHSN) Annual Training 2022
On-demand Presentation
Learning Objectives

- Define the purpose of the NHSN PSC Annual Survey.
- List facility information reported on the NHSN PSC Annual Surveys.
- Describe findings from NHSN PSC Annual Survey data.
NHSN PSC Annual Survey Overview
NHSN PSC Annual Survey

- Collects facility-level data from the previous calendar year
- Completed by all facilities enrolled in the NHSN Patient Safety Component

Annual Survey types include:
- Annual Acute Care Hospital Survey
- Long Term Acute Care (LTAC) Survey
- Inpatient Rehabilitation Facilities (IRF) Survey
NHSN PSC Annual Survey

- Annual Survey sections:
  - Facility characteristics
  - Lab practices
  - Infection control practices
  - Antibiotic stewardship practices
  - Water management and monitoring practices

- Annual Survey data are used:
  - Calculate HAI Standardized Infection Ratio (SIR) risk adjustment models and track HAI incidence in your facility
  - Support decision making, program planning, and research across CDC
NHSN PSC Annual Survey

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  - Facility characteristics
  - Lab practices
  - Infection control practices
  - Antibiotic stewardship practices
  - Water management and monitoring practices

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  - Calculate HAI Standardized Infection Ratio (SIR) risk adjustment models and track HAI incidence in your facility
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Number of Facilities that Completed an Annual Survey by Survey Year and Survey Type

*Rehab includes Rehab units and Rehab Hospitals
Acute Care Hospitals
Hospital Facility Characteristics

- Ownership
- Teaching Hospital Status
- Number of Beds

- Facility Type (part of facility enrollment)
Number of Hospitals that Completed an Annual Survey by Survey Year and Facility Type

<table>
<thead>
<tr>
<th>Survey Year</th>
<th>General Acute Care</th>
<th>Critical Access Hospital</th>
<th>Other Facility Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>3423</td>
<td>1009</td>
<td>499</td>
</tr>
<tr>
<td>2017</td>
<td>3433</td>
<td>1175</td>
<td>544</td>
</tr>
<tr>
<td>2018</td>
<td>3424</td>
<td>1167</td>
<td>528</td>
</tr>
<tr>
<td>2019</td>
<td>3395</td>
<td>1183</td>
<td>542</td>
</tr>
<tr>
<td>2020</td>
<td>3420</td>
<td>1212</td>
<td>536</td>
</tr>
</tbody>
</table>

*Other Facility Types include Oncology, Orthopedic, Children’s, Women’s, Women and Children’s, Military, Veterans Affairs, Psychiatric, and Surgical Hospitals*
Number of Hospitals that Completed an Annual Survey by Survey Year and Ownership Type

*Other Ownership Types include Government, Military, Veterans Affairs, and Physician*
Number of Hospitals that Completed an Annual Survey by Survey Year and Teaching Status

Survey Year

2016 2017 2018 2019 2020

Number of Facilities

No Yes

2016 1966 2965 4931 5168
2017 2316 2836 5152 5120
2018 2738 2381 5119 5168
2019 2783 2337 5120 5168
2020 2856 2312 5168 5168

Teaching Status

Yes  No
Number of Hospitals that Completed an Annual Survey by Survey Year and Teaching Type

Survey Year | Medical | Graduate | Undergraduate
--- | --- | --- | ---
2016 | 841 | 712 | 413
2017 | 984 | 758 | 574
2018 | 1229 | 699 | 810
2019 | 1343 | 681 | 759
2020 | 1429 | 658 | 769
Number of Hospitals that Completed an Annual Survey by Survey Year and Number of Beds

Survey Year | Number of Facilities | Number of Beds
--- | --- | ---
2016 | 4480 | 444
2017 | 4726 | 426
2018 | 4692 | 427
2019 | 4686 | 434
2020 | 4732 | 436
Long-term Acute Care Facilities
LTAC Facility Characteristics

- Ownership
- Affiliation
- Setting
- Number of Beds
Number of LTAC Facilities that Completed an Annual Survey by Survey Year and Ownership Type

*Other Ownership Types include Government, Military, Veterans Affairs, and Physician*
Number of LTAC Facilities that Completed an Annual Survey by Survey Year and Affiliation

Survey Year | Multi-facility organization | Hospital system | Independent
---|---|---|---
2016 | 247 | 142 | 86
2017 | 234 | 132 | 84
2018 | 241 | 116 | 76
2019 | 217 | 122 | 68
2020 | 198 | 124 | 74
Number of LTAC Facilities that Completed an Annual Survey by Survey Year and Setting

<table>
<thead>
<tr>
<th>Survey Year</th>
<th>Free standing</th>
<th>Hospital</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>279</td>
<td>475</td>
</tr>
<tr>
<td>2017</td>
<td>261</td>
<td>450</td>
</tr>
<tr>
<td>2018</td>
<td>253</td>
<td>433</td>
</tr>
<tr>
<td>2019</td>
<td>236</td>
<td>407</td>
</tr>
<tr>
<td>2020</td>
<td>229</td>
<td>396</td>
</tr>
</tbody>
</table>
Number of LTAC Facilities that Completed an Annual Survey by Survey Year and Number of Beds
CMS-certified Inpatient Rehabilitation Facilities
Rehab Facility Characteristics

- Setting
- Ownership
- Affiliation
- Number of Beds
Number of Rehab Facilities that Completed an Annual Survey by Survey Year and Setting

*Includes free-standing rehabilitation facilities and CMS-certified inpatient rehabilitation units
Number of Rehab Facilities that Completed an Annual Survey by Survey Year and Ownership Type

*Ownership type is presented for Free standing or Healthcare-facility based Rehab Facilities
*Other Ownership Types include Government, Military, Veterans Affairs, and Physician
Number of Rehab Facilities that Completed an Annual Survey by Survey Year and Affiliation

*Ownership affiliation is presented for Free standing or Healthcare-facility based Rehab Facilities
Number of Rehab Facilities that Completed an Annual Survey by Survey Year and Number of Beds

*Number of beds is presented for Free standing or Healthcare-facility based Rehab Facilities

Survey Year
- **2016**: 294 facilities, 28 beds
- **2017**: 309 facilities, 29 beds
- **2018**: 322 facilities, 28 beds
- **2019**: 329 facilities, 29 beds
- **2020**: 347 facilities, 27 beds

**Number of Facilities**

- **1 - 100**
- **>100**

*Number of beds is presented for Free standing or Healthcare-facility based Rehab Facilities*
Summary
Summary

- PSC Annual Survey collected facility level data that is used for SIR calculations and decision-making
- Annual Survey includes information about facility characteristics (e.g., ownership, affiliation, setting, number of beds)
- Annual Survey data over the last five years were relatively stable
Resources for the Annual Survey

- NHSN Annual Surveys, Locations & Monthly Reporting Plans Website
  - https://www.cdc.gov/nhsn/psc/locations.html

- Annual Survey FAQs

- Annual Survey Analysis Report Guidance

- Email questions to NHSN@cdc.gov
Thank you for attending the NHSN Annual Training!

For more information, contact CDC
1-800-CDC-INFO (232-4636)

The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.