



2025 National Healthcare Safety Network (NHSN) Patient Safety Component Annual Training

Henrietta Smith

Lead, NHSN Protocol and Training Team

Andrea Benin

Surveillance Branch Chief

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Henrietta Smith

Opening Remarks & Welcome



Welcome to the 2025 Annual NHSN Training!

Annual Training



Provides opportunity:

- Mutual engagement
- Share details on upcoming measures
- Hear questions on specific aspects of NHSN measures
- Provide answers in real-time

Quick overview of this year's training

Same quality, different format!

- Training is spread out over multiple weeks.
- More opportunity to ask questions via ServiceNow Community AT Forum!
- More time between session-days to accommodate busy schedules.

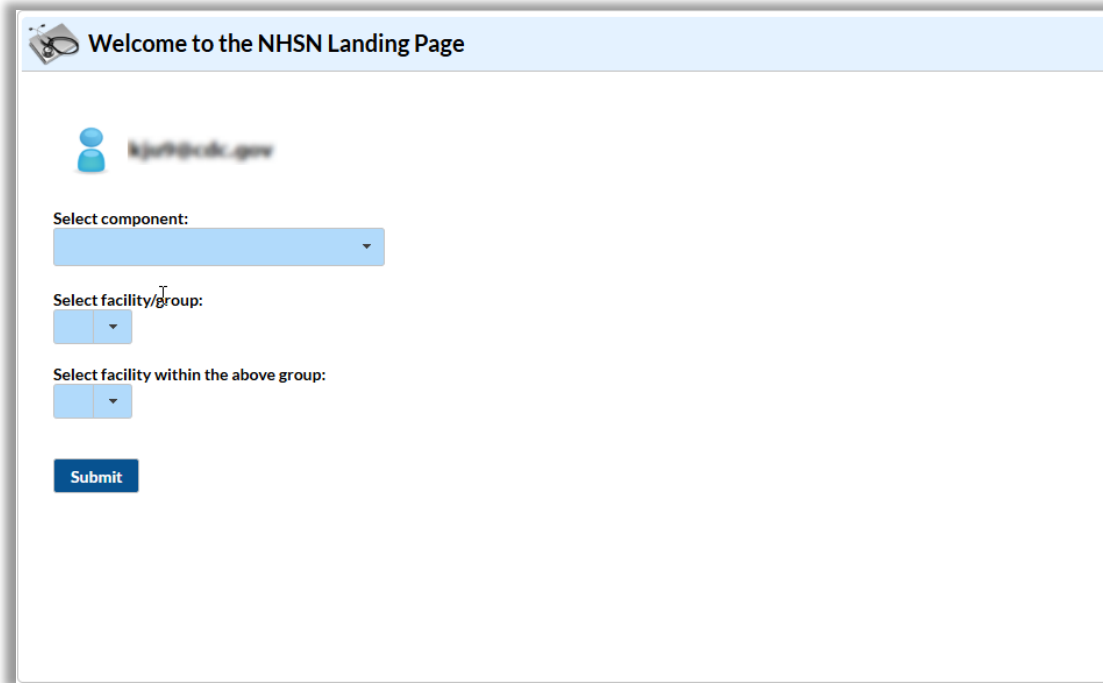
What's included in this year's Annual Training?

- Antibiotic Use and Resistance
- LabID Event Reporting
- Update on Digital Measures
- New Measure Dashboard
- Update on the Outpatient Procedure Component
- CLABSI & CAUTI Rebaseline
- All things BSI
- VAE & Pneumonia
- SSI
- Healthcare Preparedness features

And so much more!!

Exciting New NHSN Interface - Landing Page

Current NHSN Landing Page



The screenshot displays the current NHSN Landing Page interface. At the top, a light blue header bar contains a magnifying glass icon and the text "Welcome to the NHSN Landing Page". Below the header, a user profile section shows a blue person icon and the email address "kjul@cdc.gov". The main content area features three dropdown menus for selection: "Select component:" with a light blue dropdown box; "Select facility/group:" with a light blue dropdown box; and "Select facility within the above group:" with a light blue dropdown box. A dark blue "Submit" button is positioned at the bottom left of the form area.

Exciting New NHSN Interface - Landing Page

NHSN Landing Page the next release

The image displays a series of overlapping screenshots of the NHSN interface, illustrating the 'Select your view' dialog boxes. The dialog boxes are arranged in a stack, showing the progression of the selection process. The top-most dialog box shows the 'Select your view' dialog with the following fields:

- Select Component: Patient Safety
- Select Group/Facility: Just in Time Group (ID 10671)
- Select a Facility from the above Group: All Facilities

The dialog boxes also show a table of groups and super groups. The table has columns for 'Name', 'Super Group', and 'Group'. The data in the table is as follows:

Name	Super Group	Group
DevTea	202405	A1 Test
Just in		Just in
KOLLA		KOLLA

A 'Submit' button is visible at the bottom right of the dialog boxes.

Andrea Benin

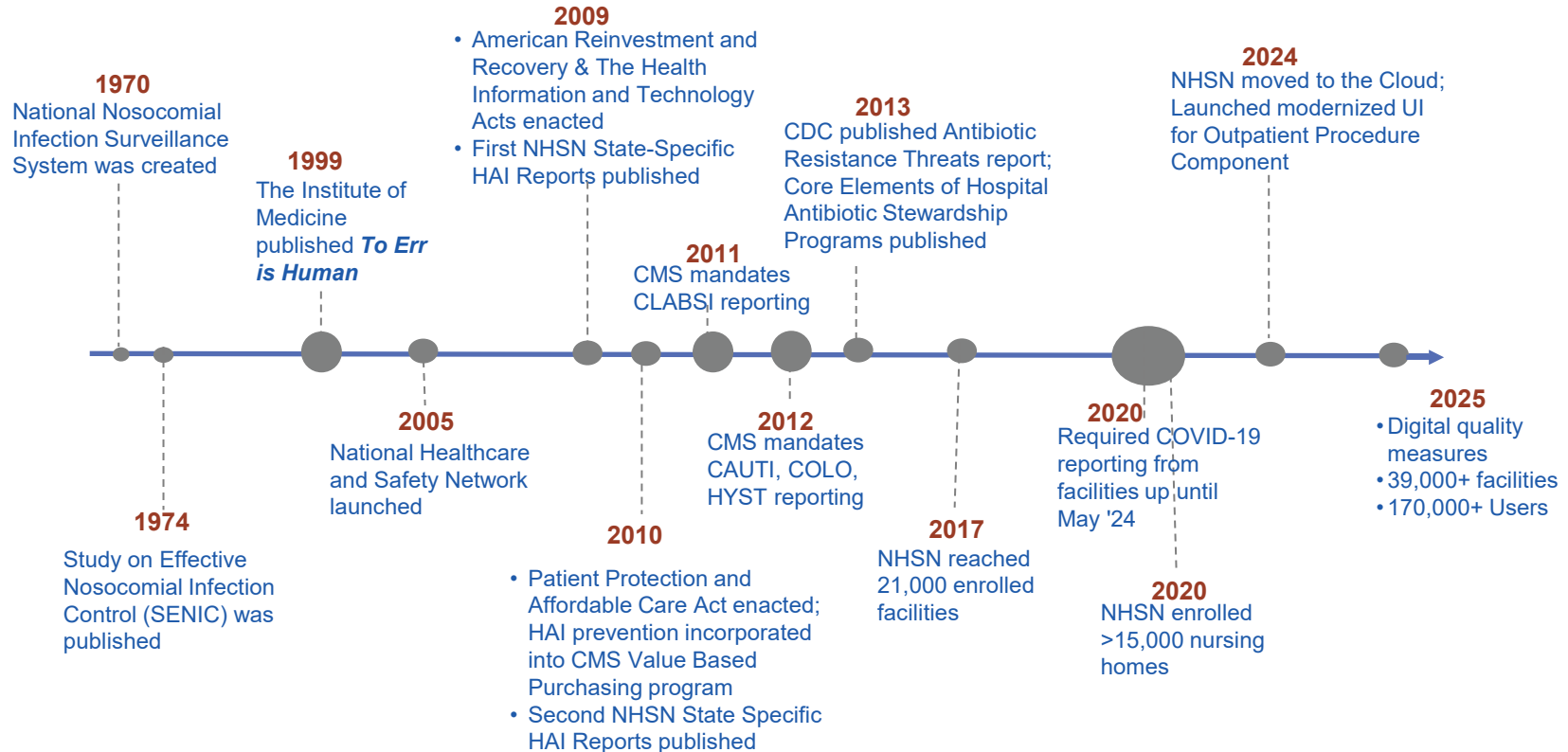
NHSN & Annual Training Address

Mission of CDC's Division of Healthcare Quality Promotion (DHQP)

To protect patients; protect healthcare personnel; and promote safety, quality, and value in both national and international healthcare delivery systems.



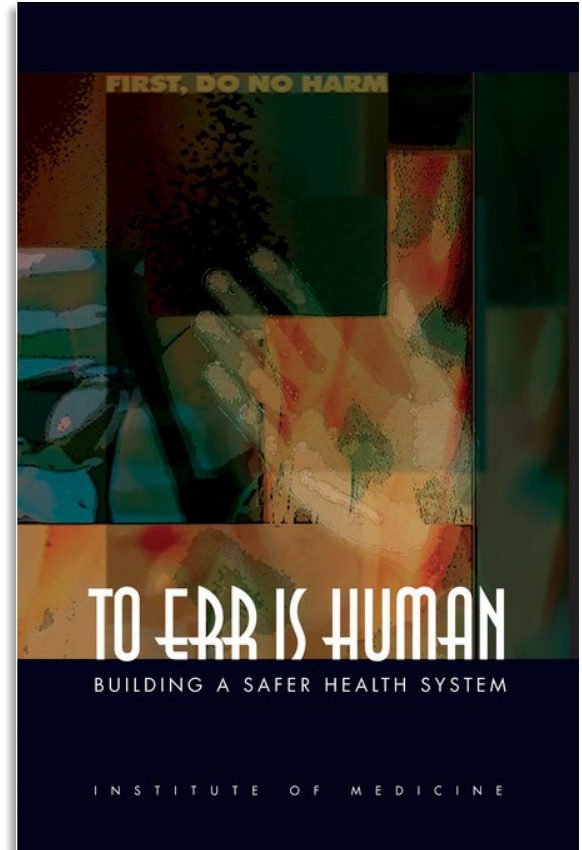
NHSN: 20 Years of Protecting Patients



To Err is Human, The Institute of Medicine

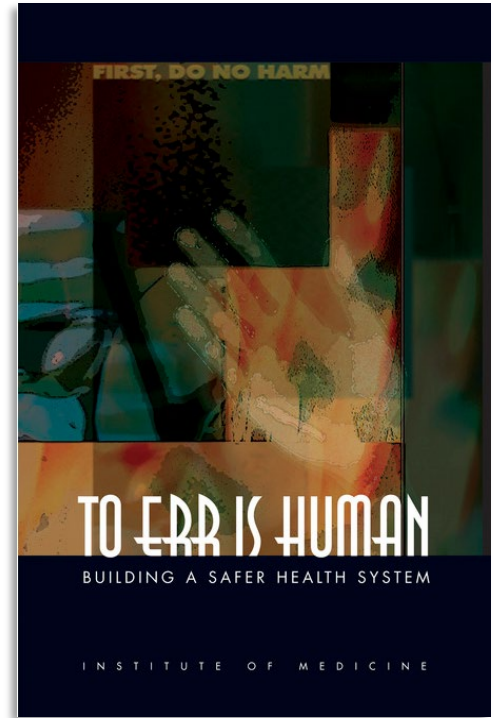
- Published in 1999
- Explored serious concerns in healthcare while raising awareness on the growing number of errors in healthcare
- Cited up to 98,000 deaths annually due to preventable errors - **equivalent of a jumbo jet per day**
- HAIs were found to be the leading cause of preventable harm

[To Err is Human: Building a Safer Health System - PubMed](#)

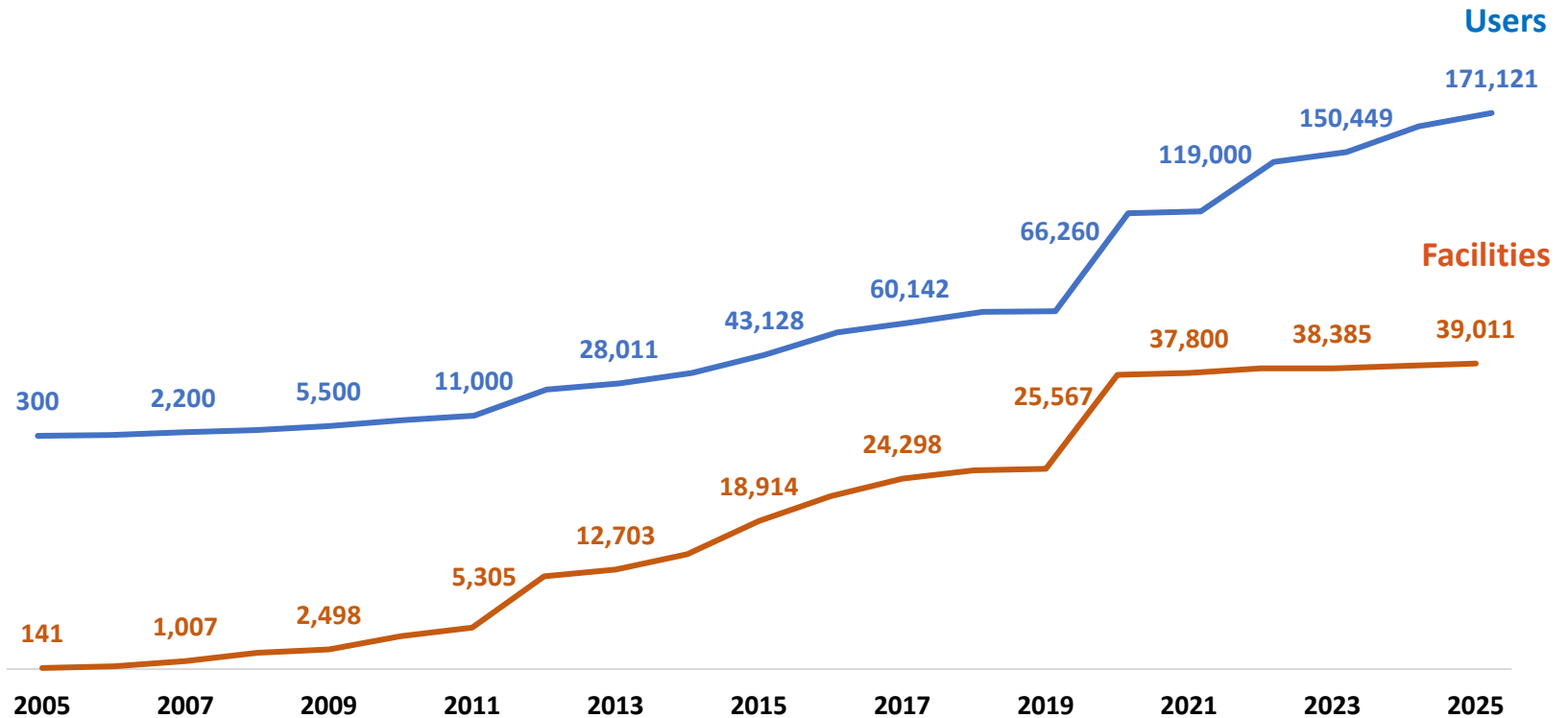


Report Recommended Approach Based on 4 Tightly Woven Tiers

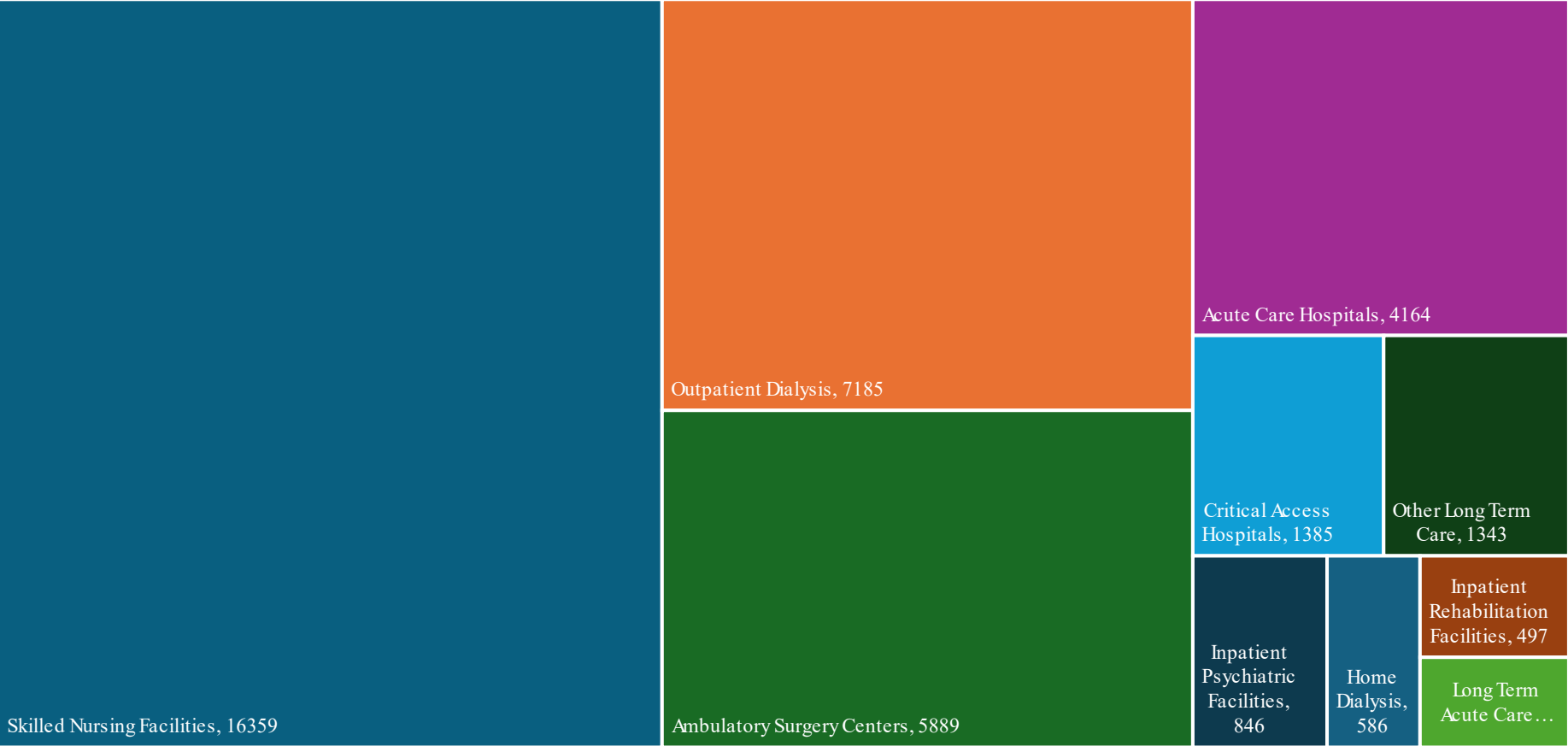
- **Establishing a national focus** to create leadership, research, tools and protocols to enhance the knowledge base **about safety**
- Identifying and learning from errors through immediate and strong **mandatory reporting** efforts, as well as the encouragement of voluntary efforts, both with the aim of making sure the system continues to be made safer for patients
- **Raising standards and expectations for improvements in safety** through the actions of oversight organizations, group purchasers, and professional groups
- **Creating safety systems inside health care organizations** through the implementation of safe practices at the delivery level



Growth of NHSN Since 2005



NHSN Reaches Across the Healthcare Continuum



NHSN's Impact on Patient Safety

>500,000 infections prevented since 2015

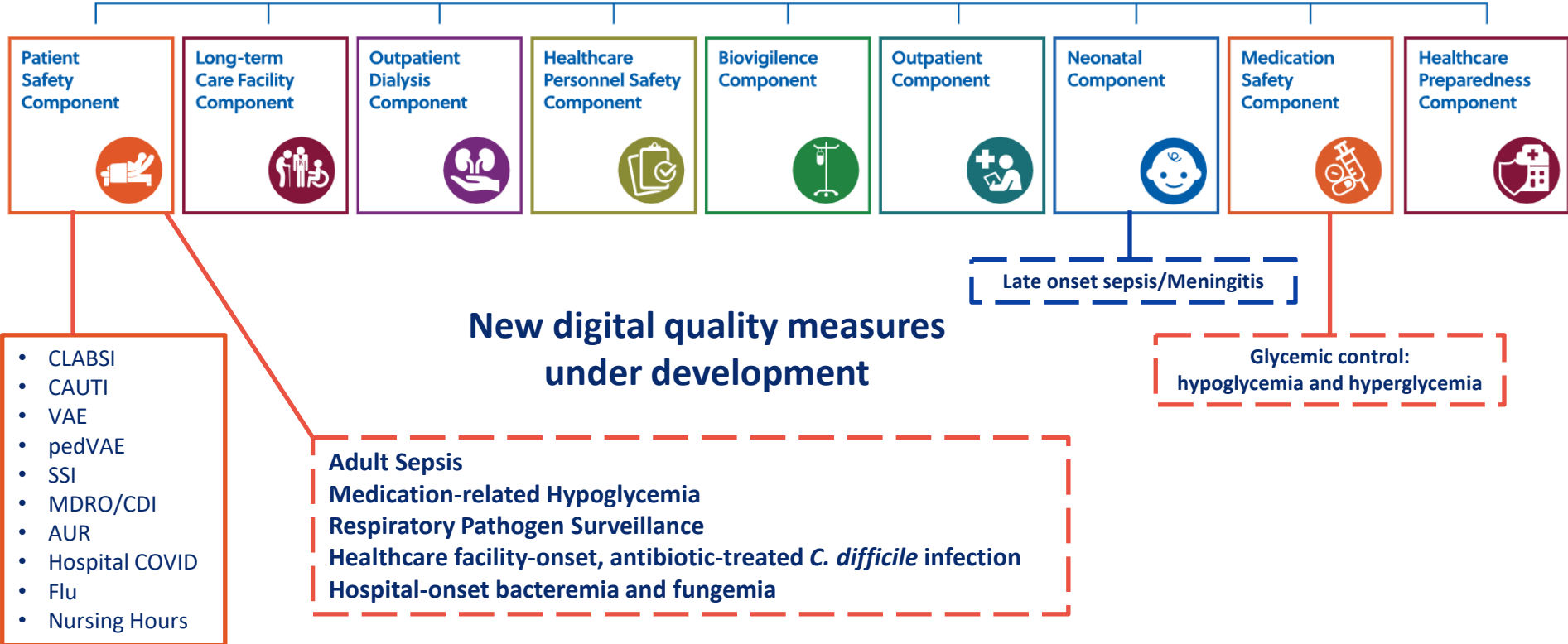
2023 National and State HAI Progress Report

Compared to 2022, 2023

- 13% ↓ *CLABSIs*
- 11% ↓ *CAUTIs*
- 13% ↓ *LabID CDI events*
- 16% ↓ *LabID MRSA bacteremias*
- 8% ↑ *Abdominal hysterectomies*
- ∅ *change Colon surgeries*

Significant decreases observed in 4 HAIs occurring in acute care hospitals.

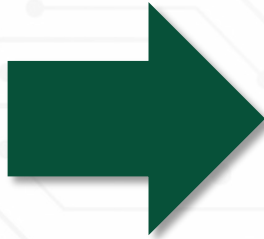
In 2023, approximately 70,453 fewer infections compared to 2015.



NHSN Digital Quality Measures (dQMs) to Drive Patient Safety

Fully-automated, digital quality measures based on standards, measurement science, and clinical science with rigorous benchmarking and appropriate risk-adjustment used to drive patient-safety

Manual and
Semi-Automated
Measures



Digital
Quality
Measures

- ✓ **Benefits of Digital Quality Measures**
- ✓ *Reduce time* for data collection
- ✓ Provide *patient-level* data for risk adjustment and stratification
- ✓ *Remove potential biases* due to different interpretations
- ✓ *Adjust* measures quickly in response to changes in practices



NHSN Fast Healthcare Interoperability Resources® Portal

An official website of the United States government Here's how you know -

The screenshot shows the NHSN Digital Quality Measures (dQMs) portal. At the top, there is a blue header with the CDC logo, the text "National Healthcare Safety Network (NHSN)", and a search bar. Below the header is a navigation menu with the following items: NHSN Home, NHSN Login, About NHSN, Enroll Facility Here, CMS Requirements, Change NHSN Facility Admin, Resources by Facility, Patient Safety Component, Long-term Care Facility Component, Dialysis Component, Biovigilance Component, and Healthcare Personnel Safety Component (HPS). The main content area features the title "NHSN Digital Quality Measures (dQMs)" with a "Print" link. Below the title is the NHSN logo and a large image of a healthcare professional in a clinical setting. The image contains the text: "NHSN's New Approach to Patient Safety and Hospital Data" and "NHSN's new approach to patient safety surveillance through improved patient level outcome measurement and benchmarking that helps reduce Healthcare Associated Infections (HAIs) and other conditions."



FHIR Overview

Learn how NHSN FHIR dQMs are reported via NHSNLink, NHSN's FHIR application.



FAQs

Answers on how to connect to NHSNLink, data analysis of dQMs and more.



NHSNCoLab

Collaboration between public and private stakeholders to pilot new NHSN reporting measures.

The Future of Digital Measurement at NHSN to Drive Patient Safety

- **Existing measures will continue – these are CORNERSTONE to NHSN**
- **New measures will be digital, automated, hands-free, single data stream using FHIR**
 - Acute-care hospital measures in development
 - NHSNCoLab sites – currently piloting dQMs
 - Early adopter facilities – will soon be invited to enroll
 - Nursing home, ambulatory surgery centers, and dialysis measures will continue to use their current reporting methods - manual, csv, and CDA
- **Developing a focus on Healthcare Preparedness**

For NHSN questions or concerns related to the Annual Training

Post questions in the Annual Training Community

After each presentation, please submit questions to the NHSN Help Desk.

- Access new portal at <https://servicedesk.cdc.gov/nhsncsp> .
- If you do not have a SAMS login, or are unable to access ServiceNow, you can still email the NHSN Help Desk at nhsn@cdc.gov.

For more information, contact CDC
1-800-CDC-INFO (232-4636)
TTY: 1-888-232-6348 www.cdc.gov

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.

