



Children's Hospitals'  
Soluti+ns for Patient Safety

# SPS Year in Review

2022

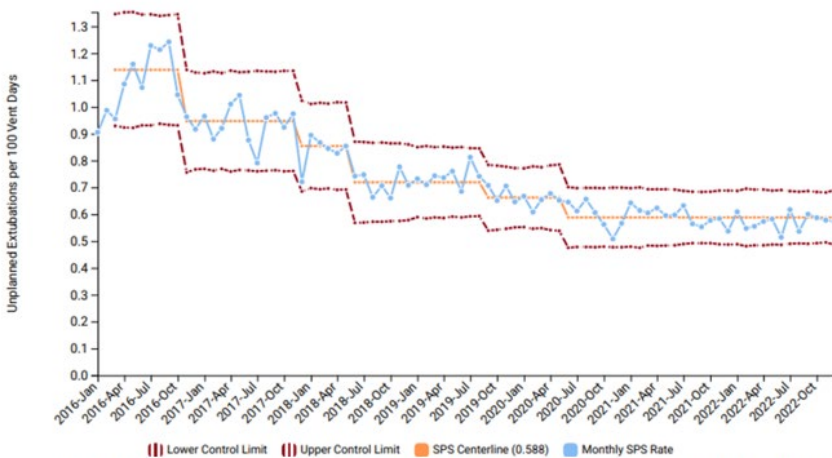


*Thank you to our network hospitals for their continued support of our mission and dedication to learning and knowledge sharing!*



## The SPS Impact in 2022 and Beyond

Unplanned Extubations Rate  
SPS Network Aggregate



This document is part of the quality assessment activities of Solutions for Patient Safety Learning Network and, as such, it is a confidential document not subject to discovery pursuant to DRC Section 2305.25, 2305.251, 2305.252, and 2305.253. Any committees involved in the review of this document, as well as those individuals preparing and submitting information to such committees, claim all privileges and protection afforded by DRC Sections 2305.25, 2305.251, 2305.252, 2305.253 and 2305.28 and any subsequent legislation. The information contained is solely for the use of the individuals or entity intended. If you are not the intended recipient, be aware that any disclosure, copying, distribution or use of the contents of this information are prohibited.

This past year we kicked-off the **2022-2024 SPS Goal Period**. During this time, the network saw significant reduction in Unplanned Extubations (UE) with a 48% decrease since 2016!

Additionally, Adverse Drug Events (ADE) (Level F-1) achieved a 74% reduction since improvement work began in 2011 (**JAMA Pediatr. 2022**).

SPS is excited to continue our existing improvement efforts and launch new ones as we work toward achieving the 2022-2024 Network Goals. Our focus will remain on prioritizing harm reduction in

UE and Central Line-Associated Bloodstream Infections (CLABSI), Employee/Staff Safety (ESS), Safety Disparities, and Culture of Safety. See [page three](#) for more details on what is to come for SPS in 2023!

**SPS by the Numbers**



**\$447,537,534**  
saved\*



**145+** hospitals  
collaborating

\*Number reflects since SPS began



# Reflecting on 2022



**Working Together to Eliminate Serious Harm**  
Our network spared 23,036 children from harm (since the network began)!



## Return to In-Person Learning & New Virtual Format

SPS was excited to reconnect face-to-face with a number of our learning events returning to in-person this past year. SPS Board Training was held in Atlanta, GA in September with 85 attendees and we hosted in-person regional meetings again! SPS also debuted a new format for its Fall Learning Series in 2022. This virtual learning series invited all SPS members to mini site visits with five SPS hospitals. More than 1,400 network members registered for the series.

## Ambulatory Safety Portfolio Launch

The [Ambulatory Safety Portfolio](#) launched in 2022 with a global aim to ensure all patients are safe from harm in ambulatory health care settings. The portfolio takes a three-pronged approach: our three workstreams consist of Ambulatory Foundations, Ambulatory CLABSI, and Ambulatory Incubator.

## Exciting Research & Publications

SPS reviewed 73 abstract submissions and selected 14 for oral presentation and 30 for poster presentations at the Spring SPS National Learning Session. Ten of these abstracts [were published in \*Pediatric Quality & Safety\*](#). Additionally, SPS supported 11 studies and three were accepted for publication in 2022. SPS also notably published ["Association between Hospital-Acquired Harm Outcomes and Membership in a National Patient Safety Collaborative"](#) in *JAMA Pediatrics*, which reports that network participation was highly effective in accelerating reduction in hospital-acquired conditions (CLABSI, falls of moderate/greater severity, and ADE).

## Employee/Staff Safety (ESS) Improvement Strategy

SPS gathered insights from network stakeholders and subject matter experts to update our network's ESS improvement strategy. A few 2022 strategy highlights include: opening stratified serious employee harm data collection for all network hospitals; executing a Patient Behavioral Events (PBE) measurement taskforce and an "All Teach, All Learn" on PBE topics; and hosting a design session to revise our theory for improvement to reduce serious employee harm from Overexertion (OE).



## Addressing Safety Disparities

SPS launched five key resources to help us identify the drivers of gaps in outcomes and attain further harm reduction. SPS is dedicated to supporting all network hospitals to develop structures and processes with the initial objective of submitting CLABSI and/or UE-ICU data stratified by patient race and ethnicity.

## Hospital Selected Goal Series

For the 2022-2024 SPS goal period, SPS hospitals were asked to set a local improvement goal in Aviator or Orbiting hospital acquired conditions [PI, PIVIE, SSI, CAUTI, ADE, Falls, and Non-CVC VTE]. The Hospital Selected Goal (HSG) Series was established to support hospitals in achieving these goals. [Click here](#) to review the Hospital Selected Goal executive summary.

## Enhanced Data/Reporting

Our new data platform launched in June 2022 with a bundle of upgraded features, including but not limited to: the capability to apply data in real-time to measures and improved report viewing experiences.



# Keeping the Momentum Going in 2023

## 2022-2024 SPS Network Goals

Children's Hospitals<sup>SM</sup>  
Solutions for  
Patient Safety  
Every patient. Every day.

By June 30, 2023:



75% complete Safety Disparities milestones



CEO/Top Pediatric Leader joins 2 executive opportunities for Employee Safety Culture



>80% submit stratified DART data

By December 31, 2024:

At least 75% of hospitals will achieve:



10% CLABSI

20% UE

Hospital Selected Goal

The network will achieve:



30% SSER

10% DART

20% PBE-DART

SPS continues to focus on our 2022-2024 Network Goals! We identified goals that are aspirational yet achievable, data driven, and that align with network strategic priorities.



Our SPS Regional Goal is designed to help us identify, test, and begin to spread successful improvement ideas related to network strategic priorities.



## 2022-2024 SPS Regional Goal

Each region will achieve  $\geq 75\%$  annual participation in a milestone-based safety improvement challenge



YEAR 1: Hospital submission of single center PDSA abstract



YEAR 2: Hospital submission of formal progress update on multi-center shared safety improvement testing



YEAR 3: Hospital contribution to regional improvement "package" to be shared with the network

[Click here to learn more about our 2022-2024 Network Goals.](#)

## In 2023, we will see the following new and exciting safety work:

- Launch of new Employee/Staff Safety Overexertion (OE) and Patient Behavioral Event strategy
- Develop and execute a strategy for proactive safety
- Further explore additional interventions to test for Unplanned Extubations (UE)
- Begin collecting data for Ambulatory Central Line-Associated Bloodstream Infections (CLABSI) from a subset of network hospitals
- Re-launch the Nephrotoxic Acute Kidney Injury (NAKI) Pioneer Cohort with a redesigned strategy
- Commence Ambulatory Incubator projects
- Kick-off year two of multi-center testing of regional PDSAs
- Institute a Safety Disparities Improvement Cohort



## SPS Board of Directors

**Marcella (Marcy) L. Doderer**, FACHE, President & CEO, Arkansas Children's | SPS Board of Directors Chair

**Steve Davis**, MD, MMM, President & CEO, Cincinnati Children's | SPS Board of Directors Vice Chair

**Madeline Bell**, President & CEO, Children's Hospital of Philadelphia

**Kevin Churchwell**, MD, President & CEO, Boston Children's Hospital

**Patricia M. DePompei**, RN, MSN, President, UH/Rainbow Babies & Children's Hospital

**Rick W. Merrill**, President and CEO, Cook Children's Healthcare System

**Tim Robinson**, CEO, Nationwide Children's Hospital

**Beth Daley Ullem**, President, Quality and Safety First

**Paul S. Viviano**, President and CEO, Children's Hospital Los Angeles

**Terri Von Lehmden**, Vice President of Human Resources, Toyota North America

**Katy Welkie**, CEO, Primary Children's Hospital



For more information about SPS, contact:

Nick Lashutka  
President, SPS  
614-228-2844

[nlashutka@ohiochildrenshospitals.org](mailto:nlashutka@ohiochildrenshospitals.org)

Missy Shepherd  
Executive Director, SPS  
859-802-1092

[missy.shepherd@solutionsforpatientsafety.org](mailto:missy.shepherd@solutionsforpatientsafety.org)

Visit our website –

[www.solutionsforpatientsafety.org](http://www.solutionsforpatientsafety.org)

Follow us on Twitter – [@sps4kids](https://twitter.com/sps4kids)

\*NEW\* Follow us on LinkedIn –

[Children's Hospitals' Solutions for Patient Safety](#)

Like us on [Facebook](#).

