



CHILDREN'S
HOSPITAL
ASSOCIATION

Where Data and Collaboration Drive Impactful Research

Children's Hospital Association (CHA) conducts groundbreaking policy and health services research to empower children's hospitals. We also collect nationwide data, facilitate collaboration among children's hospitals to advance best practices, and identify ways to improve value and reduce costs.

Simply put: if you work in pediatric health, you can benefit from CHA's resources.

1500+
manuscripts
have been published
using CHA data



Data Services

CHA provides raw datasets and curated analyses to help children's hospitals improve clinical care, financial outcomes, clinical documentation, and research projects. Tools like the Pediatric Health Information System (PHIS)® and the PROSPECT™ benchmarking program empower smarter decisions across clinical, operational, and financial domains.



Consulting & Statistical Support

CHA provides expert statistical support for hospital-led research projects, and our team provides support for children's hospitals seeking grants or writing proposals. We support over \$8 million in grant funding.



Health Services Research Academy

Learn the fundamentals of doing research on your schedule. Since 2019, 300+ participants have accessed virtual, on-demand research modules from 54 U.S. hospitals and academic institutions. The Academy offers 21 practical learning modules to walk you step-by-step through the research process, plus options for coaching and statistics mentoring.



Research Network

CHA conducts clinical and policy-relevant pediatric health research. Physicians from PHIS®-participating children's hospitals can email research@childrenshospitals.org to join one of 13 research groups.

Advancing Pediatric Care:

The Data, Tools, and Support Clinicians Need

Stronger Together

Through collaboration, research, and advocacy, **CHA is driving meaningful change in pediatric health care.***

Data Services

The Pediatric Health Information System (PHIS) is a comparative database of clinical and resource utilization data for inpatient, ambulatory surgery, emergency department (ED), and observation unit encounters for approximately 50 children's hospitals. PHIS offers more than 100 standard reports as well as drill-down capabilities within datasets.

PROSPECT is CHA's enhanced financial and operational data program, designed to help children's hospitals achieve effective **peer benchmarking and reduce costs** while maintaining quality patient care.

Health Services Research Academy

The Academy is led by internationally recognized and awarded researchers with over 20 years of experience: Matt Hall, Ph.D. (principal biostatistician, CHA) and Jay Berry, M.D., M.P.H. (chief, complex care, Boston Children's Hospital; associate professor of pediatrics, Harvard Medical School).

The Academy offers hands-on training, online courses, and one-on-one teaching sessions that cover every aspect of a professional research project, from conception to publication.

Participants receive support to conduct a research study resulting in at least one peer-reviewed publication.

Consulting & Statistical Support

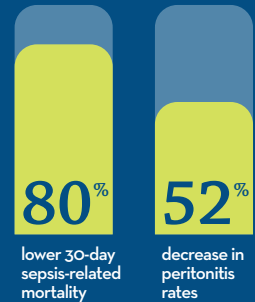
Research Days: Our biostatisticians travel to a hospital and teach division staff how to use Pediatric Health Information System® (PHIS®) data to conduct research analytics projects.

CHA provides research consulting and leads large-scale Quality Improvement initiatives using PHIS data. In the Improving Pediatric Sepsis Outcomes project, data from more than 100,000 sepsis episodes across 66 hospitals informed a standardized care bundle now used to improve outcomes nationally.

Research Network

The CHA Research Network includes 13 focused research groups, each made up of 10-15 physicians with varying levels of research expertise. The focus areas are:

- Children with medical complexity
- Firearm prevention
- Youth mental health
- Pharmacoepidemiology
- Social determinants of health
- Pneumonia
- Pediatric Intensive Care Unit
- Emergency department
- Hospital medicine
- Neonatology
- Value of care
- Public policy
- Surgery



\$52M
saved
in prevented
hospitalizations
for dialysis patients

Sourced CHA
*In collaboration with Improving Pediatric Sepsis Outcomes (IPSO) and Standardizing Care to Improve Outcomes in Pediatric Endstage Kidney Disease (SCOPE)

Advancing Children's
Health Through Research

Scan to explore how CHA
supports health services or visit
childrenshospitals.org/research

