DATA INSIGHTS FROM CHILDREN'S HOSPITAL ASSOCIATION

PEDIATRIC HEALTH INFORMATION SYSTEM-PHIS®

CHILDREN'S HOSPITAL ASSOCIATION

PHIS is primarily used to learn how care is provided within participating children's hospitals and to identify potential areas for improvement.

The Pediatric Health Information System (PHIS®) is a comparative pediatric database that includes clinical and resource utilization data for inpatient, observation, ambulatory surgery, and emergency department patient encounters for 50 children's hospitals. Participating hospitals submit encounters from their medical record system (patient abstract, diagnoses, procedures) and their detailed billing system. Data from the two systems are combined into a single integrated database. Data are submitted and released monthly.

STRENGTHS OF PHIS DATA

- Exclusively children's hospitals – typically the dominant pediatric provider in their respective markets
- Unblinded hospital identities (local market exceptions) allow participants to collaborate and create custom-selected peers
- Daily resource utilization data for all services provided and billed to the patient
- Resource utilization data (pharmacy, lab, imaging, supplies, clinical, and other) are standardized using proprietary classification systems designed specifically to make charge description master data comparable
- Data are risk-adjusted by applying CHA's proprietary case mix index methodology
- Includes up to 41 ICD-10 diagnosis and 41 procedure codes (ICD 9/10) on inpatient/outpatient encounters
- Data are accessible through reporting that does not require programming knowledge. Customized reports can be developed "from scratch" or users can access over 100 standard reports
- Access to qualified support and training

RESOURCES REQUIRED

The annual participation fee is available upon request. Included in the annual fee is unlimited users to access reports, training classes, access to research and coding roundtable collaboration calls.

Implementation resources include leads for data submission, programing, and charge master mapping. Ongoing resources include a data submission lead, clinical and reporting analysts, statistician (if research). and executive leader to champion the use of the program.

PHIS FACTS

25+

Dashboards with details into key clinical performance, antimicrobial use, sepsis tracking and low value care

100+

pre-built reports and exploratory extracts

>1,500

publications in top-tier pediatric journals utilize PHIS database

>140

publications used PHIS data in 2023

PHIS UTILIZATION

- Benchmarks for Dashboards
- Clinical Guidelines Development/ Evaluation
- Antimicrobial Stewardship
- Clinical Effectiveness
- Quality Improvement
- Clinical Documentation Improvement
- Revenue Enhancement
- Health Services Research

Learn more about CHA's data products.
ChildrensHospitals.org/analytics

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