

Getting Started Guide – Child Health Data Laboratory (CHDL)

➤ Home page access

The screenshot shows the CHDL website with several red callout boxes and arrows pointing to specific content:

- Home page access:** Points to the top navigation bar.
- Links to additional research programs:** Points to the 'Research Areas' dropdown menu.
- Overview of aims and collaborators:** Points to the 'Child Health Data Lab' section.
- Background and findings of Illinois Youth Survey:** Points to the 'Research Projects' section.
- Review research projects and topics:** Points to the 'SCRIPTS: State & Community Reports on Injury Prevention and Targeted Solutions' section.

Child Health Data Lab

The Child Health Data Lab (CHDL) performs epidemiological research to identify risks to healthy programs to strengthen youth-serving organizations. We collaborate with state and city agencies and organizations to define public policy solutions that support healthy development for children and a broader goal of improving child and adolescent well-being. We work closely with the Injury Prevention and the Office of Child Advocacy.

Because public health data systems in Illinois do not adequately describe risks to health development involved with building better data systems. CHDL spearheaded the development of the Illinois Health Survey which is a new data system designed to expand youth health surveillance in Illinois. The youth portion of the survey covers disabilities, mental health conditions and socio-economic status. Review our findings from the pilot in Chicago in the fall of 2008.

Research Projects

SCRIPTS: State & Community Reports on Injury Prevention and Targeted Solutions

CHDL epidemiologists currently research topics in injury prevention using COMPdata, the hospital discharge data system run by the Illinois Hospital Association. Data briefs are distributed to key stakeholders, including policy makers and advocates, throughout Illinois via a listserv. If you are interested in joining the listserv, please e-mail [Tracie Smith](#).

Illinois and Chicago Youth Risk Behavior Surveys

CHDL epidemiologists use YRBS data to explore topics of interest to Lurie Children's and Chicago Public Schools. Data briefs are distributed to key stakeholders, including policy makers and advocates, throughout Illinois via a listserv. If you are interested in joining the listserv, please e-mail [Tracie Smith](#).

Illinois Health Survey

CHDL took the lead on creating the Illinois Health Survey. To date, there have been three rounds of data collection in the city of Chicago. Data briefs are distributed to key stakeholders, including policy makers and advocates, throughout Illinois via a listserv. If you are interested in joining the listserv, please e-mail [Tracie Smith](#).

Developing Mental Health Systems for Youth in Southeastern Illinois

CHDL has been working in Southeastern Illinois to evaluate several different interventions for over 10 years. Currently we are evaluating Project Connect, a System of Care housed at the Egyptian Health Department whose mission is to increase access to mental health services for children and youth living in the three county area (Gallatin, Saline and White counties).

Evaluation of the Health Design Study and Crown Sky Garden

CHDL took the lead in a study that compares patients' experiences in our old hospital to those in the new hospital to see which design elements affect their stay. Data collection in the new hospital has been recently completed and results are expected this fall. Additionally, CHDL is evaluating the Crown Sky Garden in order to determine if the space reduces patient and family stress.

Research Areas

- Clinical Research (+)
- Research in Departments and Divisions
- Health Services & Policy Research (-)
 - Center on Obesity Management & Prevention
- Child Health Data Lab
 - Illinois Violent Death Reporting System
 - Injury Prevention & Research Center
 - Pediatric Practice Research Group
 - Preventing Alcohol Abuse in Chicago
- Evaluation Core
- Laboratory Research (+)
- Programs (+)

➤ CHDL – overview of fields

Child Health Data Laboratory (CHDL)

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→ Users are linked to youth health surveillance resources

→ Users may access findings from the pilot Illinois Health Survey

Research Projects

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→ Synopsis of CHDL research projects, reports, and evaluations

Related Clinical Studies

Prophylactic Antibiotics or Placebo After Hypospadias Repair (PROPHY)

ClinicalTrials.gov ID: NCT02096159

The primary purpose of this study is to determine if routine use of prophylactic (preventive) antibiotics is beneficial or unnecessary after hypospadias repair.

Cow's Milk Elimination for Treatment of Eosinophilic Esophagitis

Eosinophilic esophagitis (EoE) is a global health disorder affecting the esophagus with a reported incidence of 1 in 10,000. The etio-pathogenesis of this condition is yet to be characterized. Treatme...

Cardiac Biomarkers in Pediatric Cardiomyopathy (PCM Biomarkers)

ClinicalTrials.gov ID: NCT01873976

Cardiomyopathy is a disease of the heart muscle. It is rare, but it can be serious. Cardiomyopathy in children can result in death, disability, heart transplantation or serious heart rhythm disorders...

Childhood Cancer Survivor Study

ClinicalTrials.gov ID: NCT01120353

The Childhood Cancer Survivor Study (CCSS) will investigate the long-term effects of cancer and its associated therapies. A retrospective cohort study will be conducted through a multi-institutional c...

Safety and Pharmacokinetics (PK) of Raltegravir in HIV (Human Immunodeficiency Virus)-Infected Children and Adolescents

ClinicalTrials.gov ID: NCT00485264

Integrase is 1 of 3 HIV (Human Immunodeficiency Virus)-1 enzymes required for viral replication. Raltegravir is a drug that prevents integrase from working properly. This drug has been tested for safe...

→ Listing of links to related clinical studies

➤ CHDL – example

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Because public health data systems in Illinois do not adequately describe risks to health development for youth, CHDL is integrally involved with building better data systems. CHDL spearheaded the development of the [Illinois Health Survey](#) which is a new data system designed to expand youth health surveillance in Illinois. The youth portion of

socio-economic status. Review our [findings from the pilot Illinois Health Survey](#) conducted in Chicago in the fall of 2008.

→ In this example, we want to access findings from the pilot Illinois Youth Survey

➤ CHDL – example output



Overview

The Child Health Data Lab is pleased to present findings from the pilot of the Illinois Health Survey (IHS). The IHS builds on the success of the Illinois County Behavioral Risk Factor Survey (ICBRFS), which gathers data about Illinois adults every three years. IHS expands ICBRFS by including a large sample of youth, ages 0-17. For the pilot, Chicago families were surveyed.

Several key institutions in Illinois are working together to develop the IHS with the goal of substantially expanding and improving the data available on the health status of Illinois youth.

The people of Illinois and Chicago, and their representatives in government, seek to assure that their children have the best possible chance at good health and long life. Every month, policies are implemented and new ones are considered, all with the goal of providing this assurance.

Yet this work is not as strong as it could be. When State and local authorities craft policy to maintain and enhance the health of children

and adolescents, they must do so with sharply limited information. This means, in essence, that policies are often based on "best guesses," rather than hard facts.

In response to similar lack of data, several states have begun performing broad-based health interview surveys of their populations to more accurately identify health risks and to more fully explore ways to address threats to health. These surveys are designed to provide information that meets the needs of policy makers — these surveys strive to provide data that are (a) local, (b) timely, (c) accurate, (d) adequately descriptive and (e) informative at each intervention level (state, community, family, individual).

The current newsletter reports findings from a pilot of IHS conducted in Chicago in the fall of 2008. The pilot is the first step in implementing the survey across all of Illinois. We ask for collaborative support from youth-serving organizations and agencies to make the statewide Illinois Health Survey a reality.

→ Background information on Illinois Health Survey

HEALTH INSURANCE AND MEDICAID

FIGURE 1: Health insurance status of Chicago children ages 0-17

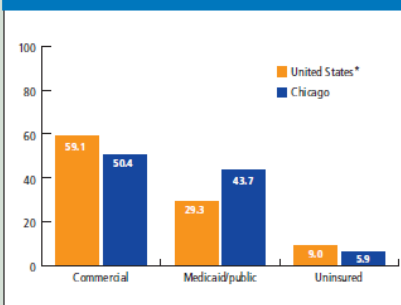
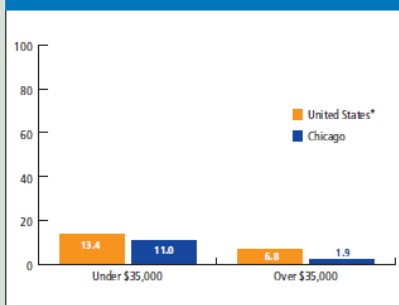


FIGURE 2: Percent of children who have no insurance by family income



For comparability purposes with the National Health Interview Survey, the Medicaid/public insurance category for Illinois includes children on Medicaid/KidCare/All Kids (36.1%), Medicare (3.7%) and "other government insurance" (3.9%).

* Except where noted, U.S. comparison data are from the National Health Interview Survey, 2007.

→ Results highlight health insurance status of Chicago children ages 0 – 17