

CDC Data Hub

The Division of Health Informatics and Surveillance (DHIS) manages a data hub with multiple data sets for public health research. DHIS provides the following services on behalf of the agency:

- coordinates agency-wide data purchases and acquisitions;
- establishes and maintains databases that are housed securely on the CDC network;
- facilitates and tracks data use agreements within CDC;
- provides technical and scientific assistance to CDC users;
- supports user networks to facilitate shared learning; and
- maintains a suite of flexible SAS tools.



CDC WONDER

CDC Wide-ranging ONLINE Data for Epidemiologic Research (CDC WONDER) is a public resource. This application makes many health-related data sets available to CDC staff, public health departments, researchers, and others. The data help with public health research, decision making, priority setting, program evaluation, and resource allocation.

AHA Data

American Hospital Association (AHA) survey data are acquired by DHIS and provided without cost to CDC programs. AHA administers topic-specific surveys to more than 6,500 hospitals throughout the United States each year. AHA survey data acquired for CDC cover hospital characteristics and demographics, healthcare IT, care systems and payments, population health, and financial data.

CMS Data

Access to **Centers for Medicare and Medicaid Services (CMS)** data is provided through the Virtual Research Data Center or as shipped data to CDC researchers whose programs contribute to the annual agreement between CDC and CMS. CMS claims, assessments, surveys, enrollment/summary files, and other data have been used to study access to care, healthcare utilization, costs, practices, disease burden, and health outcomes.

HCUP Data

Healthcare Cost and Utilization Project (HCUP) data are acquired by DHIS and provided without cost to CDC programs. Developed through a federal-state-industry partnership and sponsored by the Agency for Healthcare Research and Quality, HCUP's four national and three state-level databases are built from hospital administrative data. These hospital discharge records include hospital inpatient, outpatient emergency department, and ambulatory surgery care.

MarketScan® Data

Access to **MarketScan** databases, software, and online tools is available to CDC researchers whose programs contribute to the annual contract with IBM/Watson Health's Truven Health Analytics. These databases contain individual-level, de-identified, healthcare claims information from employers, health plans, and hospitals for commercially insured persons and some Medicare and Medicaid beneficiaries. For some enrollees, MarketScan also provides laboratory results, details about insurance plan benefits, health risk assessments, and hospital discharge data.

NEMSIS Data

National Emergency Medical Services Information System (NEMSIS) data are provided at no cost to CDC by the National Highway Traffic Safety Administration. NEMSIS is the national database of standardized emergency medical services data from the U.S. states and territories. It includes all patient care information resulting from emergency 911 calls.



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