

CEDAR Data Inventory

Healthcare Cost and Utilization and Project (HCUP)

The below descriptions are reprinted with permission from HCUP. Original content can be found at the links below.

All HCUP projects are subject to a data use agreement.

For information please submit a CEDAR SPARC request

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[https://www.hcup-us.ahrq.gov/HCUP Overview/HCUP Overview/index.html](https://www.hcup-us.ahrq.gov/HCUP%20Overview/HCUP%20Overview/index.html)

<https://www.hcup-us.ahrq.gov/sidoverview.jsp>

State Inpatient Data (SID) updated 6/18/2019**

| State | 2016 | 2015 | 2014 | 2013 | 2012 | 2011 | 2010 | 2009 | 2008 | 2007 | 2006* |
|----------------------|------|------|------|------|------|------|------|------|------|------|-------|
| Arizona | | X | X | X | X | X | X | X | X | X | X |
| Arkansas | | | X | X | | | | | | | |
| California | | | | | | X | X | X | X | X | X |
| Colorado | | | | | X | X | X | X | X | X | X |
| District of Columbia | | | X | X | | | | | | | |
| Florida | X | X | X | X | X | X | X | X | X | X | X |
| Georgia | x | X | X | X | X | | | | | | |
| Iowa | | X | X | X | X | X | X | X | X | X | X |
| Kentucky | | X | X | X | X | | | | | | |
| Maryland | | | X | X | X | X | X | X | X | X | X |
| Massachusetts | | | X | X | X | X | X | | | | |
| Michigan | | | X | X | X | X | X | X | X | X | X |
| Mississippi | | | | | | X | | | | | |
| New Jersey | | X | X | X | X | X | X | X | X | X | X |
| New Mexico | | | | | | X | X | | | | |
| New York | | X | X | X | X | X | X | X | X | X | X |
| North Carolina | x | x | X | X | X | X | X | X | X | X | X |
| Oregon | | | X | X | X | X | X | | | | |
| Rhode Island | | | X | X | X | X | X | X | X | X | X |
| South Carolina | | | X | X | X | X | X | X | X | X | X |
| South Dakota | | | | | | | X | | | | |
| Vermont | | | X | X | | | | | | | |
| Washington | | | X | X | X | X | X | X | X | X | X |
| West Virginia | | | X | X | X | X | X | X | X | X | X |
| Wisconsin | | X | X | X | X | X | X | | X | X | X |
| Cost to Charge Ratio | | | X | X | X | X | X | X | X | X | X |

*earlier years available for a few states

** HCUP data sets contain indicators of patient race and span ages 0-89 years.

State Inpatient Data (SID) with Visit Links**†

| State | 2016 | 2015 | 2014 | 2013 | 2012 | 2011 | 2010 | 2009 | 2008 | 2007 | 2006* |
|----------------|------|------|------|------|------|------|------|------|------|------|-------|
| Arizona | | | | | | | | | | X | X |
| Arkansas | | | X | X | | | | | | | |
| California | | | | | | X | X | X | X | X | X |
| Florida | X | X | X | X | X | X | X | X | X | X | X |
| Georgia | | X | X | X | X | | | | | | |
| Iowa | | X | X | X | X | X | X | X | | | |
| Maryland | | | X | X | X | | | | | | |
| Massachusetts | | | X | X | X | X | X | | | | |
| Mississippi | | | | | | X | | | | | |
| New Mexico | | | | | | X | X | | | | |
| New York | | X | X | X | X | X | X | X | X | X | X |
| North Carolina | | | | | | | X | X | X | X | X |
| South Carolina | | | | | | | | | | X | |
| Vermont | | | X | X | | | | | | | |
| Washington | | | X | X | X | X | X | X | X | X | X |
| Wisconsin | | X | X | X | | | | | | | |

*earlier years available for a few states

** HCUP data sets contain indicators of patient race and span ages 0-89 years.

† Visit links follow patients over time

Overview of the State Inpatient Databases (SID)

The State Inpatient Databases (SID) are part of the family of databases and software tools developed for the [Healthcare Cost and Utilization Project \(HCUP\)](#). The SID includes inpatient discharge records from community hospitals in that State. The SID files encompass all patients, regardless of payer, providing a unique view of inpatient care in a defined market or State over time.

About the SID

The SID capture hospital inpatient stays in a given State.

- The SID contain the universe of the inpatient discharge abstracts in participating States, translated into a uniform format to facilitate multi-State comparisons and analyses.

- The SID contain a core set of clinical and nonclinical information on all patients, including individuals covered by Medicare, Medicaid, or private insurance, as well as those who are uninsured.

SID Data Elements

The SID contain clinical and resource-use information that is included in a typical discharge abstract, with safeguards to protect the privacy of individual patients, physicians, and hospitals (as required by data sources). The SID contain more than 100 clinical and nonclinical variables included in a hospital discharge abstract, such as:

- Principal and secondary diagnoses and procedures
- Admission and discharge status
- Patient demographics characteristics
- Expected payment source
- Total charges
- Length of stay

Elements included in the SID are not always available for all States, including the hospital county identifiers or HCUP's [Revisit Variables](#). Please see the [Availability of Data Elements by Year](#).

HCUP Databases. Healthcare Cost and Utilization Project (HCUP). July 2018. Agency for Healthcare Research and Quality, Rockville, MD. www.hcup-us.ahrq.gov/sidoverview.jsp.

Overview of Cost to Charge Ratio (CCR) Files

The HCUP SID, NIS, KID, and NRD contain data on total charges for each hospital discharge in the databases. This charge information represents the amount that hospitals billed for services, but does not reflect how much hospital services actually cost or the specific amounts that hospitals received in payment. In some cases, users may be interested in seeing how hospital charges translate into actual costs.

The HCUP Cost-to-Charge Ratio Files enable this conversion. Each file contains hospital-specific cost-to-charge ratios based on all-payer inpatient cost for nearly every hospital in the corresponding SID, NIS, KID, and NRD. Cost information was obtained from the hospital accounting reports collected by the Centers for Medicare & Medicaid Services (CMS). Some imputations for missing values were necessary.

HCUP Cost-to-Charge Ratio Files are designed to be used exclusively with the HCUP NIS, KID, NRD, or SID. The CCR files are unique by year and database.

Cost-to-Charge Ratio Files. Healthcare Cost and Utilization Project (HCUP). September 2018. Agency for Healthcare Research and Quality, Rockville, MD. www.hcup-us.ahrq.gov/db/state/costtocharge.jsp.

HCUP

The Healthcare Cost and Utilization Project (HCUP, pronounced "H-Cup") is a family of health care databases and related software tools and products developed through a Federal-State-Industry partnership and sponsored by the Agency for Healthcare Research and Quality (AHRQ). HCUP databases bring together the data collection efforts of State data organizations, hospital associations, private data organizations, and the Federal government to create a national information resource of encounter-level health care data ([HCUP Partners](#)). HCUP includes the largest collection of longitudinal hospital care data in the United States, with all-payer, encounter-level information beginning in 1988. These databases enable research on a broad range of health policy issues, including cost and quality of health services, medical practice patterns, access to health care programs, and outcomes of treatments at the national, State, and local market levels.

HCUP's objectives are to:

- Create and enhance a powerful source of national, state, and all-payer health care data.
- Produce a broad set of software tools and products to facilitate the use of HCUP and other administrative data.
- Enrich a collaborative partnership with statewide data organizations aimed at increasing the quality and use of health care data.
- Conduct and translate research to inform decision making and improve health care delivery.

HCUP Overview. Healthcare Cost and Utilization Project (HCUP). April 2019. Agency for Healthcare Research and Quality, Rockville, MD. www.hcup-us.ahrq.gov/overview.jsp.