

Healthcare Cost and Utilization Project (HCUP) Databases: Asthma Content

HCUP: a family of health care databases, comprising the largest collection of nationwide and State-specific longitudinal hospital care data in the United States, and software tools developed through a Federal-State-Industry partnership and sponsored by Agency for Healthcare Research and Quality (AHRQ). HCUP databases are derived from administrative data and contain encounter-level, clinical and nonclinical information including all-listed diagnoses and procedures, discharge status, patient demographics, and charges for all patients, regardless of payer, beginning in 1998. These databases are based on data collection efforts of organizations in participating States that maintain statewide data systems and 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.

HCUPnet: a free, on-line query system based on data from HCUP. It provides access to health statistics and information on hospital stays at the national, regional, and State level.

The Kids' Inpatient Database (KID): a powerful database of hospital inpatient stays for children. Researchers and policymakers can identify, track, and analyze national trends in health care use, access, charges, quality, and outcomes.

Administered by the Agency for Healthcare Research and Quality (AHRQ), DHHS

Survey Website: <http://www.ahrq.gov/research/data/hcup/index.html>

Sampling Frame and Methodology:

- Scheduled data releases
 - Medical record abstraction
 - Geography: National and State
1. State Inpatient Databases (SID): universe of inpatient discharge data from 47 States; 97% of US community hospital discharges
 2. State Ambulatory Surgery Databases (SASD): data from ambulatory care encounters in 34 States
 3. State Emergency Department Databases (SEDD): emergency department abstract data for 32 States; data through 2011
 4. Nationwide Inpatient sample (NIS): 20% sample of discharges from all community hospitals participating in HCUP for 44 States in 2012
 5. Kid's Inpatient Database (KID): all-payer inpatient care for children under age 21 years for 44 States in 2012; data released every 3 years

Respiratory Health Content:

- Ambulatory, emergency department, and hospital inpatient asthma visits and stays

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Websites & Databases:

HCUP Programmatic Information: <http://www.hcup-us.ahrq.gov/>

HCUP Nationwide & State-specific Databases: <http://www.hcup-us.ahrq.gov/databases.jsp>

HCUPnet: <http://hcupnet.ahrq.gov/>

KID: <http://www.hcup-us.ahrq.gov/kidoverview.jsp>

Publications & Reports:

Reports (Statistical briefs, facts and figures, projections, etc.): <http://www.hcup-us.ahrq.gov/reports.jsp>

Statistics: <http://www.hcup-us.ahrq.gov/reports/statbriefs/sbtopic.jsp>

Relevant Summaries and Recent Publications:

2012 Hospital Stays for Children Statistical Brief: <http://www.hcup-us.ahrq.gov/reports/statbriefs/sb187-Hospital-Stays-Children-2012.jsp>

2006-2011 Trends in Emergency Department Visits Statistical Brief:

<http://www.hcup-us.ahrq.gov/reports/statbriefs/sb179-Emergency-Department-Trends.pdf>

HCUP Facts and Figures 2009 -Hospital-Based Care Statistics: http://www.hcup-us.ahrq.gov/reports/factsandfigures/2009/TOC_2009.jsp

2005 to 2009 Facts and Figures: <http://www.hcup-us.ahrq.gov/reports/factsandfigures.jsp>

HCUPnet:

Statistics: <http://hcupnet.ahrq.gov/>

KID:

Data: <http://www.hcup-us.ahrq.gov/db/nation/kid/kidrelatedreports.jsp>

Developed by CDC National Asthma Control Program: <http://www.cdc.gov/asthma/NACP.htm>

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