



H·CUP
HEALTHCARE COST AND UTILIZATION PROJECT

Powerful Data. Meaningful Answers.

State Ambulatory Surgery and Services Databases (SASD)

Unique State Data on Ambulatory Surgery and Services Encounters

If you investigate relationships between inpatient surgery data and ambulatory surgeries, the State Ambulatory Surgery and Services Databases (SASD) are designed to meet your needs. The SASD are suited for research that requires complete enumeration of ambulatory surgeries performed in hospital-owned facilities within market areas or States.

A Comprehensive, User-Friendly Resource

Each participating State's SASD include encounter-level data for ambulatory surgery and other outpatient services from hospital-owned facilities in that State. In addition, some States provide data on ambulatory surgeries from facilities not owned by hospitals. The specific types of ambulatory surgery and outpatient services included in each SASD vary by State and data year. To facilitate multi-State comparisons and analyses, data are translated into a uniform, user-friendly format. Available annually since 1997, SASD files include *all* patients, regardless of payer, thus providing a unique view of ambulatory surgeries in a defined market or State over time.

A Reliable and Trusted Database Family

The SASD are an integral component of the longstanding and powerful Healthcare Cost and Utilization Project (HCUP) family of databases.

A trusted resource, with data beginning in 1988, HCUP databases are considered by health services researchers to be among the most reliable and affordable databases for studying important health care topics. Visit the [HCUP-US Web site](#) for more information.

Advance Your Research

Apply more than one hundred data elements to your research, including:

- All diagnoses and procedures (e.g., ICD-9-CM codes, CPT/HCPCS codes)*
- Discharge status
- Payer (e.g., Medicare, Medicaid, private insurance, and uninsured)
- Encrypted patient identifiers (some States)
- Patient demographics (e.g., age, gender, and for some States, race)
- Total charges
- Geographic data (some States, e.g., ZIP Code, urban/ rural indicator)
- Hospital identifiers (some States)

**International Classification of Diseases, Current Procedural Terminology, Healthcare Common Procedure Coding System*

Address Critical Topics

Rely on the SASD to study outpatient surgery issues, including:

- Unique, State-specific analyses
- Cross-State analyses of ambulatory surgeries
- Trends in outpatient surgery utilization, access, charges, and outcomes
- Shifts in surgical procedures to outpatient facilities
- Diffusion of medical technology

Expand Your Analyses

Use HCUP tools. Free tools and software are available to categorize diagnoses and procedures, group chronic conditions, and classify the intensity of procedures. Many of these tools can also be used with other administrative health care databases.

Link to other data. Information from sources like the American Hospital Association Annual Survey Database and the Area Resource File can be linked to the SASD to enhance your analyses.

Investigate the Continuum of Care. Combine SASD data with HCUP's State Inpatient Databases (SID) and State Emergency Department Databases (SEDD) to reveal a more complete picture of care.

Easy to Purchase

Purchasing information is available on the [HCUP-US Web site](#). Each State database is sold separately.

SASD data are provided on CD in ASCII format. A statistical software package, such as SAS, SPSS, or Stata, is required for analysis. Programs to load data into software packages are provided.



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The Healthcare Cost and Utilization Project (HCUP, pronounced “H-Cup”) is a family of powerful health care databases, software tools, and products for advancing research. Sponsored by the Agency for Healthcare Research and Quality (AHRQ), HCUP includes the largest all-payer, encounter-level collection of longitudinal health care data (inpatient, ambulatory surgery, and emergency department) in the United States, beginning in 1988.

HCUP is a Federal-State-Industry Partnership that brings together the data collection efforts of many organizations – such as State data organizations, hospital associations, private data organizations, and the Federal Government – to create a national information resource. HCUP would not be possible without the contributions of data collection Partners from across the nation.

For more information about HCUP, please visit www.hcup-us.ahrq.gov.