



HCUP

HEALTHCARE COST AND UTILIZATION PROJECT

Powerful Data. Meaningful Answers.

Nationwide Emergency Department Sample (NEDS)

The Largest National All-Payer ED Database in the United States

If you are interested in identifying regional and national trends in emergency department (ED) utilization and outcomes, the Nationwide Emergency Department Sample (NEDS) may have the data you need. The NEDS is the largest all-payer ED database in the United States and can be used to create national and regional estimates of ED care, both treat-and-release visits and those resulting in a hospital admission.

A Comprehensive, User-Friendly Database

The NEDS provides national estimates for almost 125 million hospital-based ED visits, making it an exceptional resource for conducting research on high-profile health delivery issues in the ED. A distinctive feature of the NEDS is its large sample size, which allows for analysis across hospital types and the study of relatively uncommon conditions. Available annually since 2006, NEDS data are standardized across years to facilitate ease of use.

A Reliable and Trusted Database Family

The NEDS is an integral component of the powerful Healthcare Cost and Utilization Project (HCUP) family of databases.

Easy to purchase from the HCUP Central Distributor through a simple application process, the NEDS can help answer your research questions. Visit the [HCUP-US Web site](#) for more information.

Advance Your Research

Apply more than 100 hundred data elements to your research including:

- Principal/ primary and secondary ICD-9-CM diagnoses
- Discharge status
- Patient demographics (e.g., age, gender, community-level income)
- Hospital characteristics
- Principle/ primary and secondary ICD-9-CM and CPT-4 Procedures*
- Expected payer, including uninsured
- Total ED charges (for treat-and-release ED visits) and total inpatient hospital charges

**International Classification of Diseases, Current Procedural Terminology.*

Address Critical Topics

The NEDS provides unique strengths, including a wide array of hospital and patient characteristics. Rely on the NEDS to study national ED issues, including:

- ED visits for both common and rare conditions
- Use of and charges for ED services
- Differences between treat-and-release visits and those resulting in hospital admission
- Quality of ED care
- Access to care
- Use of health services by special populations

Expand Your Analyses

Free software tools are available to help you make the most of the NEDS data. [HCUPnet](#), a free online system, can help you query the data quickly, efficiently, and effectively. In addition, other health care databases are available for download from the [HCUP-US Web site](#).

Easy to Purchase

Complete purchasing information is available on the [HCUP-US Web site](#).

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



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.