HEALTHCARE COST AND UTILIZATION PROJECT (HCUP)

Introduction and Requesting Data
HCUP Introduction

• Family of healthcare 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)

• Data collected by State data organizations, hospital associations, private data organizations, and the Federal government are brought together to create a national information resource of encounter-level healthcare data
01. Create and enhance a powerful source of national, state, and all-payer healthcare data

02. Produce a broad set of software tools and products to facilitate the use of HCUP and other administrative data

03. Enrich a collaborative partnership with statewide data organizations aimed at increasing the quality and use of healthcare data

04. Conduct and translate research to inform decision making and improve healthcare delivery
HCUP Databases (National)

- National Inpatient Sample (NIS)
  - Data on more than seven million hospital stays each year

- Kids’ Inpatient Database (KID)
  - Nationwide sample of pediatric inpatient discharges

- Nationwide Ambulatory Surgery Sample (NASS)
  - Set of ambulatory surgery databases

- Nationwide Emergency Department Sample (NEDS)
  - Database that yields national estimates of emergency department (ED) visits

- Nationwide Readmissions Database
  - Designed to support various types of analyses of national readmission rates
HCUP Databases (State-level)

- **State Inpatient Databases (SID)**
  - Contain the universe of inpatient discharge abstracts from participating states

- **State Ambulatory Surgery and Services Databases (SASD)**
  - Data for ambulatory surgery and other outpatient services from hospital-owned facilities

- **State Emergency Department Databases (SEDD)**
  - Data from hospital-affiliated emergency departments for visits that do not result in hospitalizations
Purchase of HCUP Databases

• Available for purchase through the HCUP Central Distributor
  • NIS (starting with 1988)
  • KID (starting with 1997)
  • NASS (starting with 2016)
  • NEDS (starting with 2006)
  • NRD (starting with 2010)
  • SID (starting with 1995)
  • SASD (starting with 1997)
  • SEDD (starting with 1999)
Purchase of HCUP Databases (Important Notes)

Not all States make their data available through the HCUP Central Distributor, and not all data elements are available from every State. Availability can be checked [here](#).

The pricing changes by each dataset and year. Some datasets are offered at discounted price to students and AHRQ grantees. Pricing information is available [here](#).

To use data from a previous project for a new research question needs submission of “Data Re-Use Request”
Purchase of HCUP Databases (Process)

Complete the required 15-minute HCUP data use agreement training [here](#).

Note the certification date and completion date for proof of training (required for data purchase later).

Register with the HCUP Central Distributor [here](#).

Login to your account [here](#).
Purchase of HCUP Databases (Process)

- Complete the user information and update the address
- Click the Database Catalogue
Purchase of HCUP Databases (Process)

- Select the database
- Check the boxes for the data needed
- Click add to cart
Purchase of HCUP Databases (Process)

- Click checkout
Purchase of HCUP Databases (Process)

Read through and acknowledge HCUP Data Use Agreements, the Responsibilities of the Data Purchaser, and the Indemnification Clause

You will not be able to check the box unless you scroll down each of them

Click “next”
Purchase of HCUP Databases (Process)

Click “continue”
Purchase of HCUP Databases (Process)

No statement of intent is required for national data but will be required for State data (shown on next slide)

Click “next”
Purchase of HCUP Databases (Process)

Purchase of State data needs statement of intended use

Information required is project title, project description and expected end-product

Additional information may be asked if you are requesting data at the student discount rate

Guidelines to prepare he statement of intended use are here

Fill in the information and click “next”
Complete all required information
Click “next”
Purchase of HCUP Databases (Process)

Enter shipping and billing address

Click “next”
Purchase of HCUP Databases (Process)

Enter payment information
Click “next”
Purchase of HCUP Databases (Process)

Check the box under “review order”

Click “Order now”
Purchase of HCUP Databases (Process)

• Review the terms of the data use agreements [here](#).

• Watch for emails from the HCUP Central Distributor containing your invoice, verification of credit card authorization if applicable, any instructions to complete your application, approval notification, and download instructions or shipping confirmation.
Checking the Status of Data Application

• Log in to your account and view “Orders” under “My Account”
• State Database are shipped on CD/DVD, typically within 5-7 business days after AHRQ reviews and approves the Statement of Intended Use
• Nationwide Databases are delivered via digital download
  • Email notification with instructions is sent when data is ready
  • Download link expires after 7 days
Non-Purchase Data Users

• To use data that is not owned by you, separate DUA is required
• Data custodian can send a link to necessary DUA forms after signing into their account (This method ensures your information to be correctly linked to the data custodian)
• Otherwise, log-in to your account and submit the DUA without data purchase
• You can create an account and submit the DUA at the same time here but you will need to have completed the data use agreement training beforehand