# Data Explorer

A new research tool brought to you by University of California Research Exchange (UCReX)

#### Overview

 UC Data Explorer and the UC-ReX Virtual Clinical Data Repository, with 11.8 million patient records is one of the largest federated clinical data repositories in the US. In typically less than 30 seconds, UC Data Explorer allows authorized UC researchers to query deidentified diagnosis and procedure data across all patient records of the five UC academic medical centers in the UC-ReX Virtual Repository.

## Data Explorer Highlights

- Includes select de-identified data from all 5 UC biomedical campuses:
  - Davis
  - Irvine
  - Los Angeles
  - San Diego
  - San Francisco
- Provides secure, web based, local access to a shared database network
- Includes patient demographics, diagnoses and procedures data
- Enables cohort discovery

#### Demographic Variables

- Age
- Ethnicity
- Gender
- Language
- Marital Status
- Race
- Religion

#### Diagnosis: ICD-9 Codes

- International Statistical Classification of Diseases and Related Health Problems
- A medical diagnosis ontology
- Selective granularity

#### Example:

- → Injury and Poisoning
  - → Toxic effects of non-medicinal substances
    - → Toxic effect of alcohol
      - → Toxic effect of ethyl alcohol

## **Identifying Cohorts**

Utilizing the tool is simple.











