Streamlining Data Access for Health Studies
Hardware

- Higher Volumes of Data
- Real Time Data Collection
- More Computationally Demanding Analytic and Visualization Techniques
- More Simultaneous Projects and Process
- More Users (Internal and External)
Multi Tenancy

• Provides “Sandbox” Approach
• Appropriate For Technical and Data Savvy Clients That Don’t Require Our Analytical Services
• Will Reduce Wait Time for Data Access and Overall Cost
• Contained HIPAA Safe Environment for Health Research
• Dedicated but Flexible Computational Resources
• More Support
Common Data Model

- CHiR is Utilizing the PCORnet CDM, Based on FDA Sentinel Initiative, But Exploring Others
- Standardize Structure Shared Across Many Research and Healthcare Organizations
- Observational Database Differ in Both Purpose, Logic, Design. EMR and Billing Result in Different Logics and Terminologies.
- Allows For Systematic Analyses Using a Library of Standard Code
Interoperability and Services

- Real Time Data Bi-Directionality
- Custom Applications and Tools
- Routine Systematic Analysis
- Information Rich Visualizations (Dashboards, GIS, Etc.)
Partner with CHiR

- CHiR welcomes data sharing partners and study collaborators. Contact us for more information.

- Requests for data and other services can be submitted online at our website: https://chs.asu.edu/chir or via email/phone.
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