

Survey Data Core – Strategic Plan

Workgroup Co-Leads: Larry Kleinman and Matt Iozzio

Survey Data Core Focus

Translation of secondary data into useful information for clinical, health services, health policy, and population health researchers across the life span from maternal child health through the aging of older adults.

Development and implementation of primary data collection tools to inform the study of health, health care, and health-related policy. We provide advanced approaches to survey development and implementation in a wide variety of populations including those who are vulnerable and /or typically difficult to reach.

Vision Statement

The Survey/Data Core seeks to be an integrating resource that stimulates and provides resources and linkages to support health services researchers to use data resources to translate administrative and health care data into insight regarding prevention in older adults. These translations will be much richer as the existing data will be complemented by primary data collection using surveys. Survey methods have advanced substantially and this core brings advanced tools. Effective survey data collection requires strong survey implementation strategies and this core supports instrument development, interviewer recruitment, training, and supervision as well as data collection platform programming, database management, and data quality control.

Research Priorities

Our research priorities are broad and by design vary with those of our collaborators and partners: Priorities include:

- Secondary data analysis and methods
- Survey research and methods
- Topics include: Life course research; Aging research; Maternal Child Health; Pharmacoepidemiology; Outcomes research; State and other health policy research; Medicaid; Environmental influences on health; Community and geographically informed research; Contextual and community health informatics

Our Products and Services include

- Secure HIPAA compliant research environment ; Consulting in research and data analysis; Consulting in survey research design, questionnaire development, field, implementation and project management; Data cleaning; Application of code sets and ontologies; Data linkage; Training

Survey of Existing Partners

- Rutgers University Biostatistics & Epidemiology Services (RUBIES) – RUBIES provides analytical services to the university community. The IFH Survey / Data Core maintains a partnership which provides training resources to RUBIES analysts in datasets and referrals to non-data projects, in exchange for access to the RUBIES pool of analysts to increase the bandwidth of the Core. Institutional data knowledge remains internal to Rutgers University and both parties have the potential to increase their business without incurring any additional expenses. The Core also provides training resources to a class at SPH, which RUBIES supports, which supports the educational mission of the Core.
- Center for Pharmacoepidemiology and Treatment Science (PETS) – PETS is a center within IFH that facilitates and performs innovative, multidisciplinary science related to the use and outcomes of therapeutics and diagnostics in large populations. PETS has experience with working with Medicare, CPRD, and Medicaid data.

- Center for Health Services Research (CHSR) – CHSR is a center within IFH that focuses on understanding the complex factors and processes that shape the utilization of pharmacotherapy and providing a stronger knowledge base for quality improvement and more-effective use of medications, especially in managing individuals with chronic health conditions. CHSR has experience working with Medicaid (MAX) and Medicare data.
- Center for State Health Policy (CSHP) – CSHP is a center within IFH that was formed to create a formal capacity for policy analysis, research, training, technical assistance, facilitation, and consultation on state health policy. Analysts at CSHP have experience working with NJ Medicaid data.
- Center for Health & Aging Outcomes Lab (CHAO) – CHAO is a center within IFH designed to improve health care in the community for diverse populations that have historically been at risk for receiving poor care: minorities, frail older adults, low-income families, and people living with disabilities or multiple chronic illnesses. CHAO has experience working with Medicare data, especially nursing home data.
- Chinese Health, Aging, and Policy Program (PINE) – PINE is dedicated to improving the quality of life of the Chinese population through education, research, and sustainable community engagement. PINE has extensive experience working with survey related datasets.

Opportunities for Future Collaborations:

- Developing partnerships with schools and departments to provide pooled funding and access to users (including both faculty and students).
- Industry awareness of our capabilities and collaborations with faculty, increasing both external and internal use of our resources.

Next steps

- Develop and implement transparent, sustainable and user-focused business model
- Add key data sets including community focused data such as the American Community Survey
- Link community data to data sets as possible
- Develop and apply code sets and ontologies to enhance capacity for sophisticated research and to differentiate ourselves from other data suppliers.

Metrics

- Success of financial models
- Number of internal projects and users (inside IFH)
- Number of Rutgers non-IFH projects
- External academic collaborators
- External commercial collaborations
- Productivity of each project (funding, publications, influence metrics, recruitment successes, etc)
- Press and social media attention