



Health and Demographics

Accessing Data Housed at SC Revenue and Fiscal Affairs

February 10, 2019
Columbia, SC

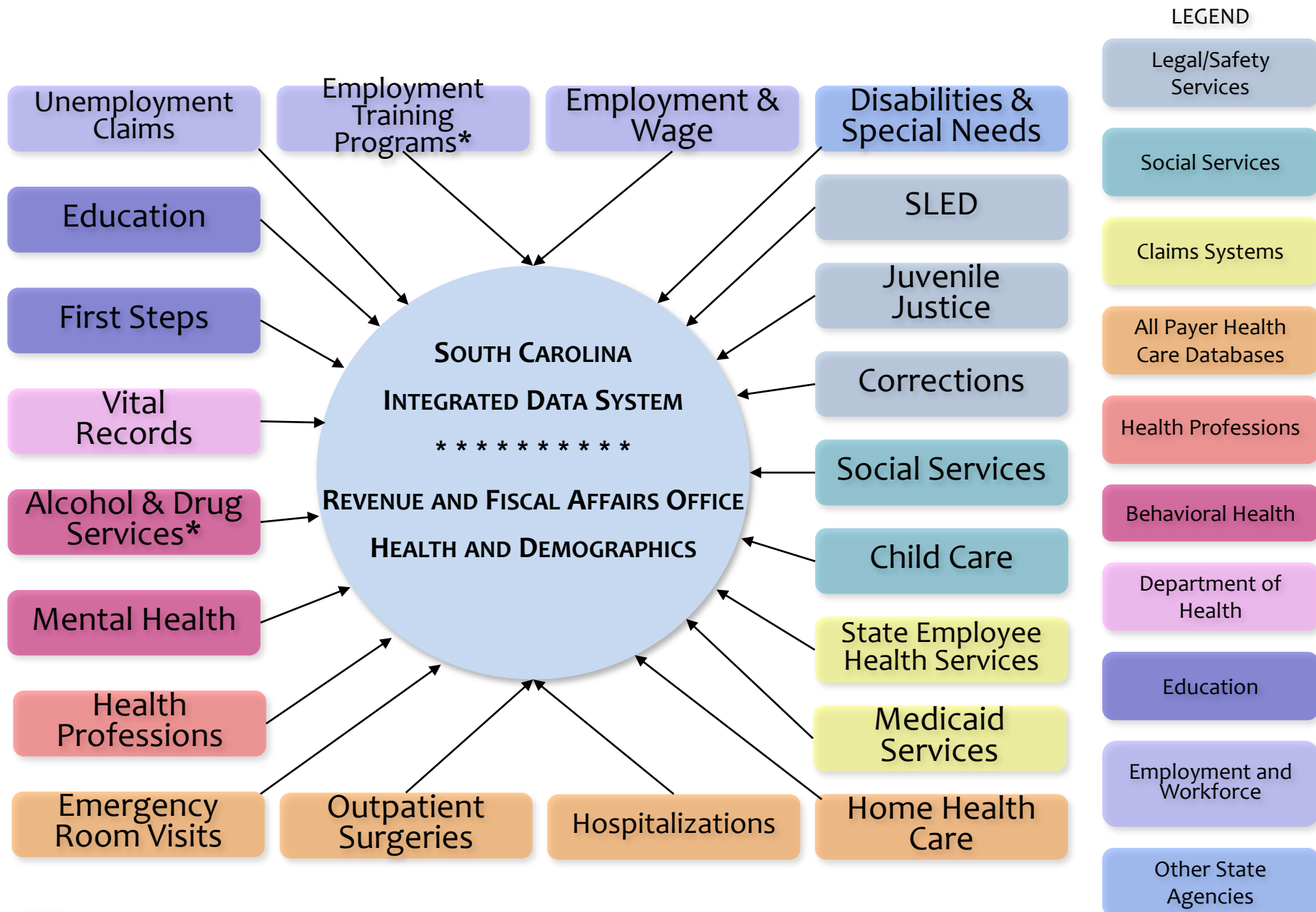
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Who are we?

- **Agency Mission:** To provide independent research, analysis, and resources to facilitate informed policy decisions and administration of services
- **Division Vision:** “It is the entire human experience that influences health and social well-being and should therefore be captured and analyzed through an integrated data system.”
- **Staff:** 34 employees, 2/3 statisticians trained in either theoretical statistics or their substantive disciplines. The remaining staff are focused on supporting information/knowledge deployment skills such as software development and data base administration, project management, and compliance.





Tracking System

- Series of algorithms to create a unique random identifier for each individual
- Unique identifier stays with the individual over time
- Enables staff to “link across” multiple providers and settings
- Protects the confidentiality of the individual
- Requests to link across systems must be approved by all participating agencies and organizations

Personal identifiers are never stored with the statistical data; the unique identifier is appended to the statistical record and is not derived from identifiable information.



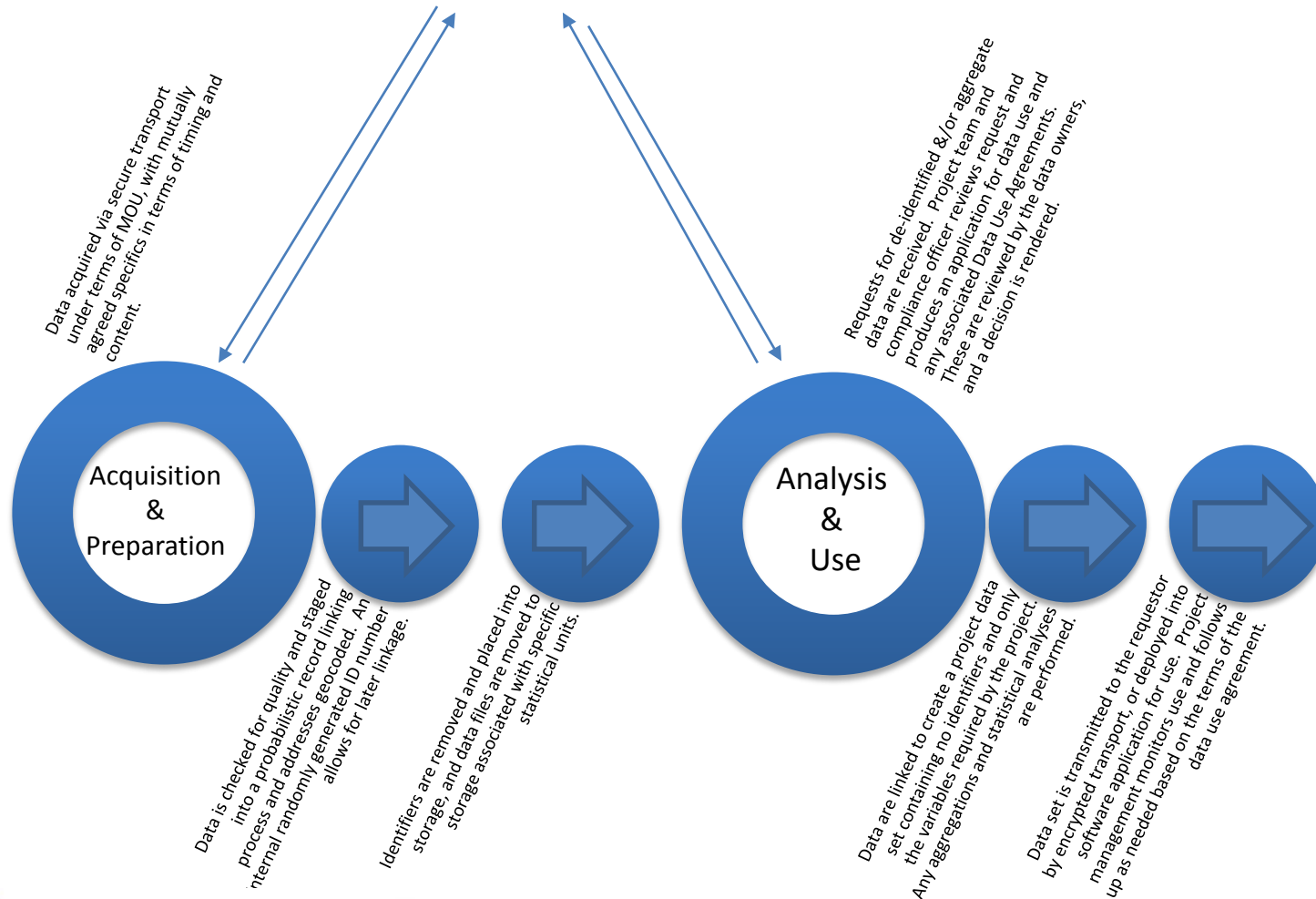
Security and Privacy: A Core Concern

- Data security: RFA follows industry standards for privacy and data protection and is compliant with SCDIS-200 information security and privacy standards set forth by the Department of Administration's Division of Information Security. The Enterprise Privacy Office of the Department of Administration has been involved with RFA to ensure proper safeguards of citizen privacy.
 - *All data are encrypted at rest.*
 - *Access to the data is restricted to personnel directly involved in the project; data access is monitored and audited.*
 - *The systems and procedures protecting the data are regularly subjected to third party review and penetration testing.*
 - *Upon hire and annually thereafter, all staff are required to receive privacy and security training and sign confidentiality agreements.*
- Data collection: Data collected by state agencies for the administration of their respective programs are included in the Integrated Data System. New data are not collected by RFA.
- Data privacy protections: The data are protected by the Family Educational Rights and Privacy Act (FERPA), a federal law that protects the privacy of student education records; the Health Insurance Portability and Accountability Act (HIPAA) as amended by the Health Information Technology for Economic and Clinical Health (HITECH); and other state and federal laws.
- Data release: Only statistical results that do not identify individuals are released; exceptions to this only exist if required by law or at the request of the data owner. Data owners approve data for release.



Process Overview

Data Owners and External Governance



Information Products

Analytic Products

- Agency Collaboration
- Researcher Collaboration
 - Data linkage
 - De-identified datasets
 - GIS support
 - Analytic support
- Public Website
 - Descriptive statistics
 - Ability to query data sources and generate ad-hoc reports

Application Partners

- ABC Tablet Application
- Community Long Term Care Application (Phoenix)
- Ages and Stages Questionnaire
- Dept. of Education Data Warehouse
- Purpose Built Screening and Referral Systems
- South Carolina Health Information Exchange (SCHIEx)

