

Protections and Controls in the Use of Administrative Records Data

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Agenda

- About CARRA
- Data protection and controls
 - Acquisition phase
 - Ingest/processing phase
 - Provisioning phase
 - Product release phase
- Penalties
- Summary
- Contact Information

About CARRA

- Acquires, processes and provisions administrative data from federal, state and third party providers
- Enhances Census Bureau operations and demographic and socio economic research capabilities through record linkage and statistical matching
- Increases the use of administrative records and third party data in the Federal Statistical System

Household Administrative Records Data Sources

Federal Administrative Records

- Centers for Medicare and Medicaid Services
- Health and Human Services
- Housing and Urban Development
- Internal Revenue Service
- Social Security Administration
- U.S. Postal Service

State Administrative Records

- Supplemental Nutrition Assistance Program
- Temporary Assistance for Needy Families
- Unemployment Insurance
- Women, Infants, and Children
- Low Income Home Energy Assistance Program

Third Party Data

- Corelogic
- Experian
- InfoGroup
- MCH
- MDR
- Melissa Data
- RealtyTrac
- Targus/Neustar
- VSGI

Data Protection and Controls – Acquisition

- Authority to Acquire Data is Title 13 of the U.S. Code
 - Section 6 authorizes the Census Bureau to acquire information to assist the Census Bureau in the performance of T-13 duties for statistical purposes only
 - Section 8(b) authorizes the Census Bureau to
 - Engage in joint statistical projects with nonprofit agencies or organizations. on matters of mutual interest, upon equitable apportionment of costs
 - Furnish copies of tabulations and other statistical materials which do not disclose the information reported by, or on behalf of, any particular respondent, upon payment of the actual or estimated cost of such work

Acquisition (continued)

- Agreement Types
 - Data acquisition only
 - Data acquisition and joint statistical project
 - Data acquisition and reimbursable work
 - Requests for proposal and contracts (for-profit entities)

Acquisition (continued)

- Agreements contain terms and conditions to protect the data
 - Authorized secure modes of data transfer
 - Retention period for use of the data
 - Authorized uses of the data
 - Provisions to authorize additional uses

Data Protection and Controls - Ingest

- Modes of ingest
 - Secure FTP
 - Encrypted disk/drive
- Data clearance
 - Quality check to ensure full data receipt
 - Record count
 - Cross-check against metadata

Data Protection and Controls – Processing

- Person identifiers
 - Probabilistic matching to assigned a protected identification key (PIK)
 - Quick PIK lookup
- Address identifiers
 - Master Address File ID
- Personally identifiable information dropped to create research dataset

Data Protection and Controls - Provisioning

- Centralized data management system
 - Each dataset is registered and assigned an information owner
 - Project requests for datasets are reviewed by information owner to ensure access is authorized (according to acquisition agreement)
 - If access is approved, server controls are set to make data available to only authorized users

Data Protection and Controls - Product Review and Release

- Pre-release reviews
 - Disclosure review (always)
 - Statistical review (depending on product)
 - Sensitivity review (depending on product)

Penalties

- Disclosure of Title 13 information without authorization is subject to a federal prison sentence of up to 5 years and a fine of up to \$250,000, or both
- Depending on source of data, additional penalties may apply (i.e. Title 26 federal tax information data)

Data Protection and Controls - Summary

- Protections and controls in-place for all phases from acquisition to product deliverable
- Data management system ensures approved uses only
 - Information owner has critical role
- Protections and controls are critical to continue expansion of data acquisition and linkage projects

Questions and Discussion

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