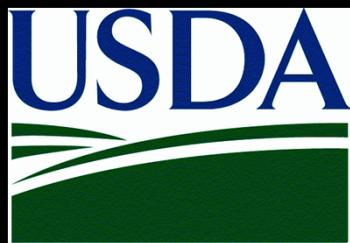


Data Privacy and the USDA Forest Service's Forest Inventory and Analysis Program Surveys



Brett J. Butler
USDA Forest Service
Family Forest Research Center
Amherst, MA
brett.butler2@usda.gov



USDA Forest Service, Forest Inventory & Analysis

Forest Land Area and Attribute Sample

- Over 300,000 permanent inventory plots across the U.S.
 - Randomly located
 - Remeasured every 5-10 years
 - On public and private land
- Collect information on:
 - Land use
 - Tree species and other biophysical characteristics
 - All carbon pools
- Sensitive information:
 - Personally Identifiable Information
 - Owner name and address
 - Geo-referenced plot location
- Data is to be held confidential based upon assurances given to respondents (as approved by OMB) and Food Security Act
 - Publically available data exclude PII and coordinates are fuzzed and swapped
 - Results available via aggregate summaries and summary apps

The Nation's Forest Census

USDA Forest Service, Forest Inventory & Analysis

National Woodland Owner Survey

- Contact approximately 5,000 randomly selected private landowners across the U.S. every year
- Collect information on:
 - Attitudes (e.g., reasons for owning)
 - Behaviors (e.g., forest management plans)
 - Demographics (e.g., age)
- Sensitive information:
 - Personally Identifiable Information
 - Name and address
 - Responses
 - Attitudes, behaviors, demographics
- Data is to be held confidential based upon assurances given to respondents (as approved by OMB) and Food Security Act
 - Results available via aggregate summaries and summary app
 - Plan to release synthetic datasets

USDA Forest Service, Forest Inventory & Analysis

Timber Products Output Survey

- Survey of primary industrial roundwood receiving facilities
- Collect information on:
 - Consumption of roundwood
 - Product mix
 - Species mix
 - Use of mill residues
 - Source location of feedstock
- Sensitive information:
 - All information is sensitive at the facility/mill level
- Data is to be held confidential based upon assurances given to respondents (as approved by OMB) and Food Security Act
 - Results available via aggregate summaries