ICPSR Technical Assistance

Presentation to ACDEB Other Services Subcommittee

Margaret Levenstein, ICPSR Director
May 5, 2022
ICPSR

Founded in 1962 by 22 universities
Now consortium of ~800 institutions world-wide
Focus on social and behavioral science data, broadly defined

Current holdings
- 17,000 studies, quarter million files
- 1,900 are restricted, almost always to protect confidentiality
- Bibliography of Data-related Literature with 101,000 citations

Stewardship: high quality, curated data in user-friendly formats
Protection: multiple strategies for safe research using sensitive data
Types of Technical Assistance

- Computing and Network Services
- Privacy and Security
- Project Management and User Support
- Data curation
- Metadata and Preservation
Computing and Network Services

- **Platform Operations**: security plans, design and maintain infrastructure
  - Search, request access to data, manage accounts, training, and data access

- **Tiered access** to restricted data
  - Local (researcher) compute environment (requires approved data security plan)
  - Virtual data enclave
  - Physical data enclave
  - Secure online data analysis
Privacy and Security

- Templates of and revisions to legal agreements
  - deposit agreements
  - restricted data use agreements
- Maintain System Security Plans from federal and non-federal clients
- Data Security/Privacy Incident Response & Reporting Protocol
Project Management and User Support

- Direct assistance to data users
  - User support ticketing system (~4500/year)
  - User forums
- User materials, training, webinars
- Disclosure review
Data Curation

Enhance data reusability and access through adherence to standards and procedures:

- disclosure risk reviews and remediation
- organize and compile study documentation
- compose robust metadata
- prepare data for dissemination and online analysis
Metadata and Preservation

- Standards to support consistency and innovation in metadata
- Policies and procedures to preserve digital assets
  - DOIs
- Knowledge transfer:
  - ICPSR Bibliography of Data Related Citations
  - Current Events in the Bib
  - Research Spotlights
  - Instructional Modules
National Archive of Criminal Justice Data

- Bureau of Justice Statistics
- National Institute of Justice
- Office of Juvenile Justice and Delinquency Prevention

NACJD Footprint in 2021:

- 59,331 Users
- 3,144 Studies
- 481,593 Downloads
National Prisoner Statistics, 1978-2011 (ICPSR 34540)

Version Date: Jun 25, 2013  
Cite this study  |  Share this page

Principal Investigator(s):  
United States Department of Justice, Office of Justice Programs, Bureau of Justice Statistics

Series:  
- National Prisoner Statistics (NPS) Series

https://doi.org/10.3886/ICPSR34540.v1

Version V1

Project Description

Summary  
The National Prisoner Statistics (NPS) data collection began in 1926 in response to a congressional mandate to gather information on persons incarcerated in state and federal prisons. Originally under the auspices of the United States Census Bureau, the collection moved to the Bureau of Prisons in 1950, and then in 1971 to the National Criminal Justice Information and Statistics Service, the precursor to the Bureau of Justice Statistics (BJS), which was established in 1979. Since 1979, the Census Bureau has been the NPS data collection agent. The NPS is administered to 51 respondents. Before 2001, the District of Columbia was also a respondent, but responsibility for housing the District of Columbia’s sentenced prisoners was transferred to the federal Bureau of Prisons, and by year-end 2001 the District of Columbia no longer operated a prison system. The NPS provides an enumeration of persons in state and federal prisons and collects data on key characteristics of the nation’s prison population. NPS has been adapted over time to keep pace with the changing information needs of the public, researchers, and federal, state,
NACJD Technical Assistance

Data Curation: 10-12 FTE

Project Management, User support, Outreach: 5.5 FTE

Metadata, Bibliography, Data Engineer: 2.5 FTE

Computing is additional (about $250K per year)
ICPSR Technical Assistance

Data Curation - 41 FTE
Project Management and User Support - 28.5 FTE
Privacy and Security - 4 FTE
  Work closely with U of Michigan legal policy and contracts staff
Computing and Network Services - 46 FTE
Metadata and Preservation - 9 FTE
Questions?