### ICPSR



#### **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



#### Our Collections









































PATIENT-CENTERED OUTCOMES DATA REPOSITORY







## 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)
  - o Virtual data enclave
  - o Physical data enclave
  - Secure online data analysis



## **Privacy and Security**

- Templates of and revisions to legal agreements
  - o deposit agreements
  - o restricted data use agreements
- Maintain System Security Plans from federal and nonfederal clients
- Data Security/Privacy Incident Response & Reporting Protocol



## Project Management and User Support

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



## **Data Curation**

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

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



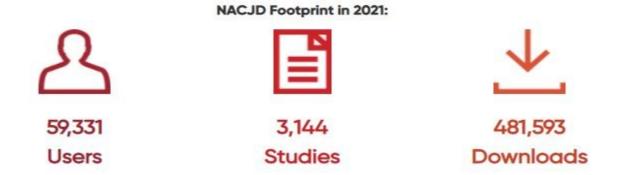
### **Metadata and Preservation**

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



#### **National Archive of Criminal Justice Data**

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





#### National Prisoner Statistics, 1978–2011 (ICPSR 34540)

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

Principal Investigator(s): 0

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

Download **→** ∠ Analyze Online (0) Data & Documentation Data-related Publications Export Metadata At A Glance Variables Project Description Summary 1 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

https://www.icpsr.umich.e du/web/NACJD/studies/34 540/summary



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 yearend 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,

1.212 Downloads \* Usage Report

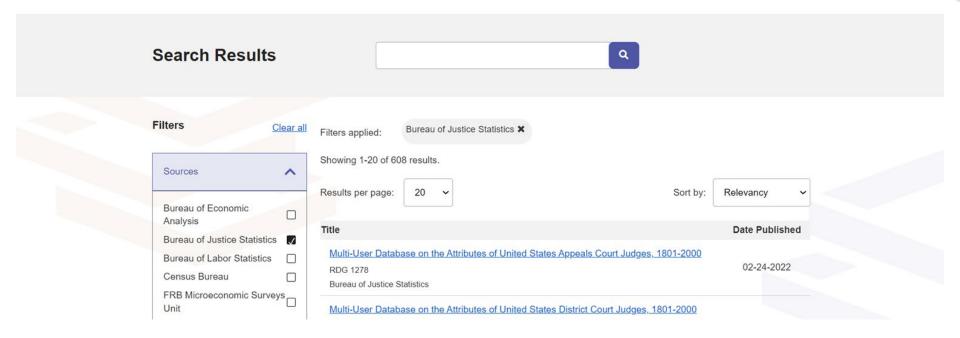
116 Data-related **Publications** 

\* past three years

#### Notes

· The public-use data files in this collection are available for access by the general public. Access does not require affiliation with an ICPSR member institution.







## **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?**

