ISRC Workshop:

Accessing Data through ICPSR and CPRDC

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Workshop Outline

- Introduction: ISRC

- Data access through ICPSR
  - Search for data through ICPSR

- Data access through CPRDC
  - Search for data through CPRDC

- Additional resources

ISRC - What do we do?

▶ Assist faculty, research staff and graduate students across campus with:

   ❖ Grant development

   ❖ Data collection

   ❖ Consulting

   ❖ Data access

   ❖ And more!

ISRC – Data Access

- ▶ Inter-University Consortium for Political and Social Research (ICPSR)

- ▶ Central Plains Federal Statistical Research Center (CPRDC)

An Overview of ICPSR

Introduction to ICPSR

▶ One of the world's oldest and largest social science data archives, est. 1962

▶ Based at the University of Michigan

▶ Data available on demand

  ▶ Over 9,500 studies with over 76,000 data sets

▶ Currently about 760 members world-wide

  ▶ Including the University of Iowa
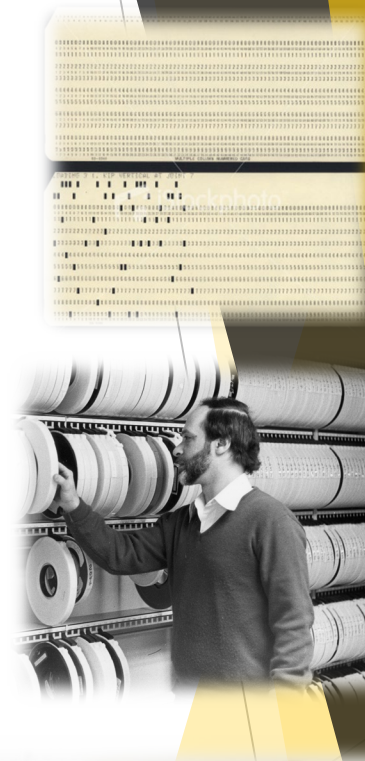
Why Use ICPSR

- ▶ Write articles, papers, or theses using real research data

- ▶ Conduct secondary research (analysis) to support findings of current research or to generate new findings

- ▶ Study or teach quantitative methods (data analysis techniques)

- ▶ Study data curation and repository management

- ▶ Use as intro material in grant proposals

- ▶ Preserve/disseminate primary research data
  - ▶ Fulfill data management plan (grant) and data sharing requirements
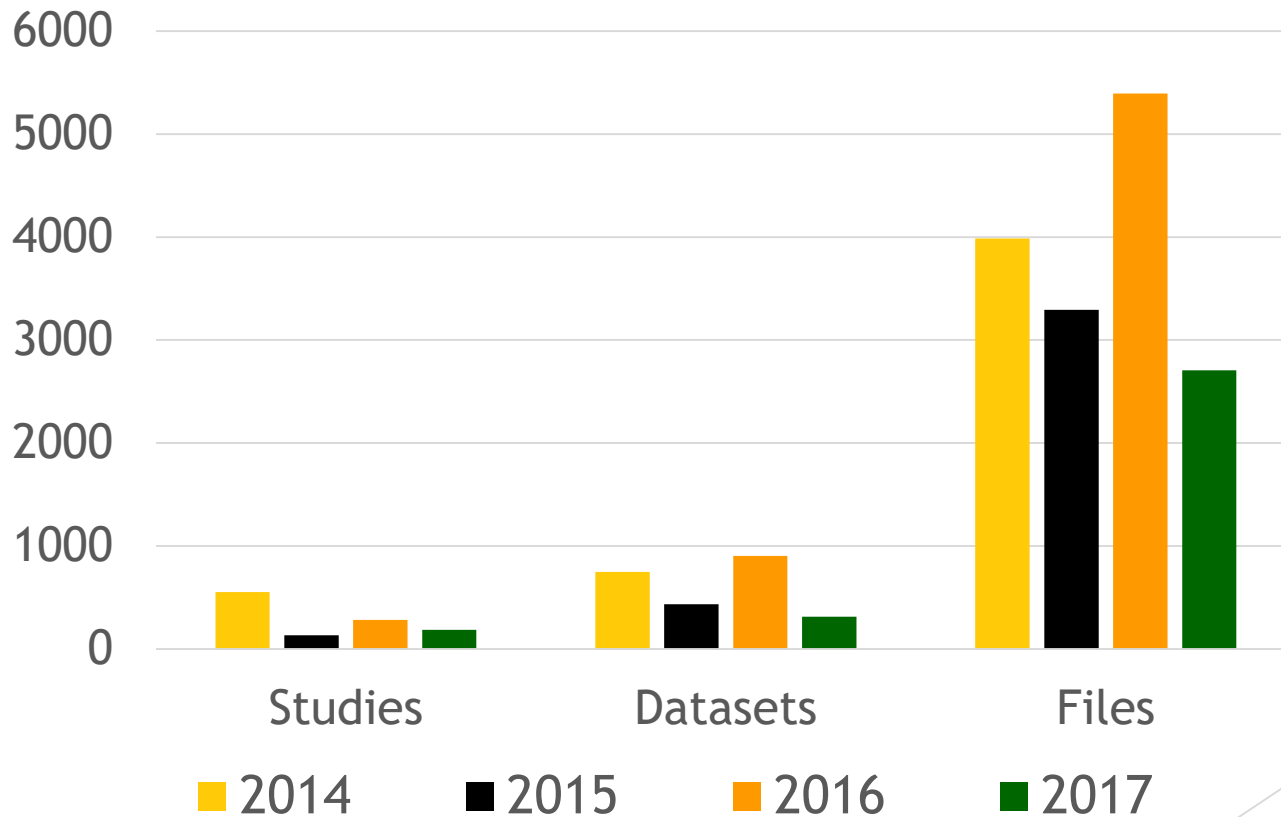
Who uses ICPSR?
- Over 40 Disciplines/Fields Supported -

University of Iowa Data Downloads

What's in a "Download?"

▶ **Documentation files - pdfs**

  ▶ Questionnaire

  ▶ Codebook

  ▶ Description & Citation

▶ **Data in many forms!**

  ▶ SPSS, SAS, Stata

  ▶ ASCII

```
*
name  =   q1
label =   Obama
record =  1
column =  31
width =   1
labels =

              1 A
              2 D
              9 D

text =
        Do you app
    handling his

*
name  =   q2
label =   Right,
record =  1
column =  32
width =   1
labels =
```

Q1   **Obama Job Approval**

Location:

Variable Type:

Question:

CBS News/60 Minutes/Vanity Fair National Poll, May #2, 2011

Principal Investigator(s): CBS News; 60 Minutes; Vanity Fair

Summary: This survey, fielded May 20-23, 2011, is part of a continuing series of monthly surveys that solicits public opinion on a range of political and social issues. Respondents were asked for their opinions of political figures President Barack Obama, First Lady Michelle Obama, Tim Pawlenty, Newt Gingrich, Sarah Palin, and former President George W. Bush. Respondents were asked if they felt the country was going in the right direction, how President Obama and Congress were handling their jobs, and ho... (more info)

Series: CBS News/New York Times Poll Series

Access Notes

Dataset(s)

Dataset
Documentation: Codebook.pdf
Download: SAS SPSS Stata ASCII Delimited All Dataset Files (1,774 KB) ASCII + SAS Setup SPSS Setup Stata Setup

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ICPSR Summer Program in Quantitative Methods of Social Research

▶ Training in statistical techniques, research methodologies, and data analysis

▶ 4-week sessions, and 3- to 5-day workshops

▶ 2018 sample fee schedule

Type of Workshop	Member	Non-member
Three-day workshop	$1,500	$2,800
Four-week session	$2,500 - $2,700	$4,800 - $5,200

ICPSR Website

- https://www.icpsr.umich.edu/icpsrweb/

An Overview of CPRDC

Federal Statistical Research Data Centers (FSRDC)

▶ Partnerships between federal statistical agencies and leading research institutions

Bureau of Labor Statistics

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National Center for Health Statistics

→ FSRDCs → Research Institutions
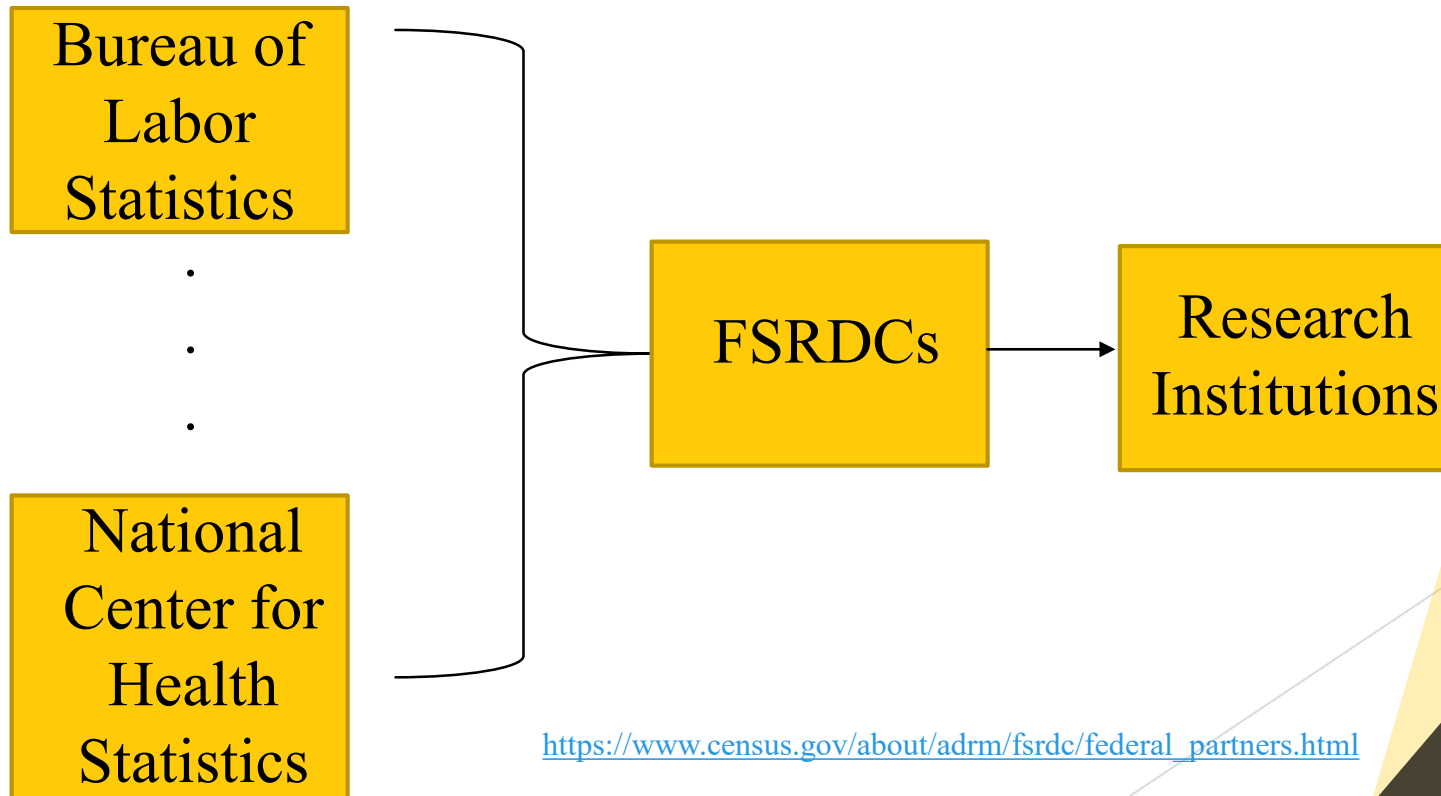
Central Plains Federal Statistical Research Data Center (CPRDC)

▶ First center in the central states

▶ Located at the University of Nebraska-Lincoln

FSRDC Network Map
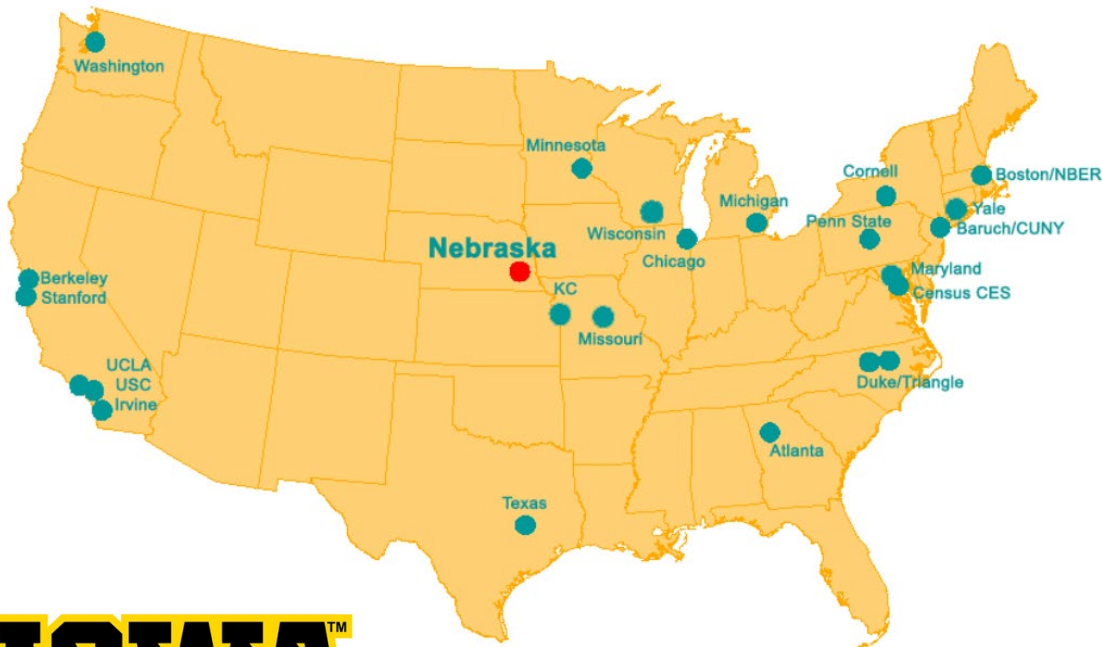
The CPRDC Consortium Network
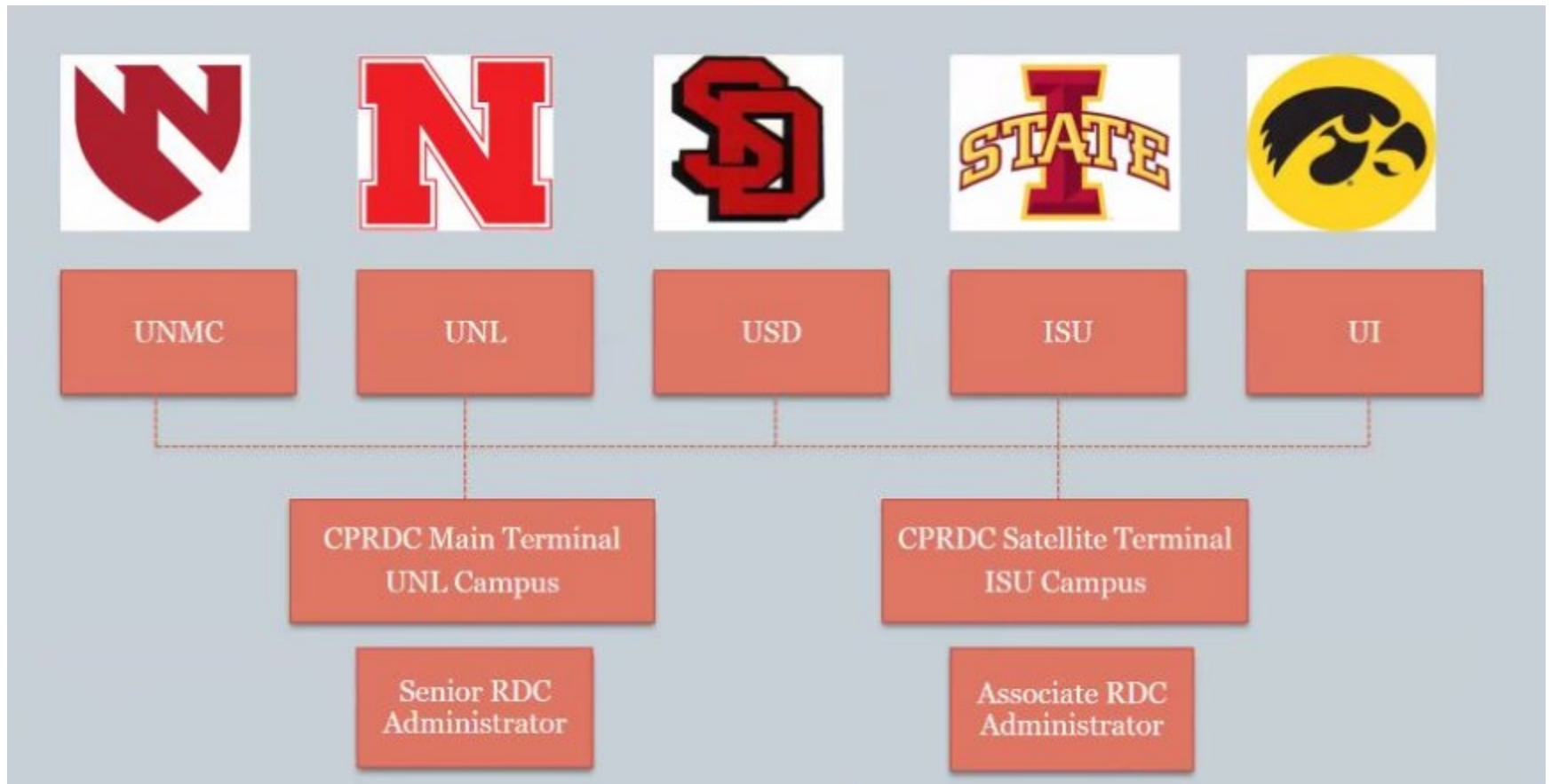
Benefits of the CPRDC

- ▶ Provide access to restricted access micro data
- ▶ High-impact publications
- ▶ Partnership opportunities
- ▶ Extramural funding
- ▶ Recruitment (faculty and grad students)
- ▶ Increase and heighten regional policy impact
- ▶ Any Census-approved research at UNL will be UNL-IRB approved

Advantages of Using Restricted-Use Microdata

- Detailed geographic identifiers (e.g. block, tract, etc)

- Facilitates nation-wide and historical trend analysis

- Large datasets - increase statistical power

- Ability to link different datasets

- Full population counts or full samples

- Original variables before they are processed

- AFFORDABLE – zero net cost for researchers using Census datasets at consortium partners
  *NCHS, AHRQ, and BLS datasets require separate agency fees

Data Available

- Agency for Healthcare Research and Quality
- Bureau of Labor Statistics
- Census Bureau
- National Center for Health Statistics

https://business.unl.edu/outreach/central-plains-federal-statistical-research-data-center/data/

The Process

1. Take a look at available datasets and develop an idea for your research.

2. Discuss your project with the CPRDC Administrator.

3. Read the proposal guidelines.

4. Write a preliminary proposal.

5. Work with CPRDC Administrator to develop a proposal:

    a. Identify all data sets and years needed;

    b. All researchers associated with the project;

    c. Benefit to Census Bureau.

6. Submit proposal for review (at least 3-4 months).

7. Obtain Special Sworn Status (at least 3 months).

8. Visit the UNL facility to perform statistical analysis.

The Cost

Type of User	Fee	Voucher/Discount
UI: CPRDC consortium member	$5,000	$5,000
Not affiliated with CPRDC consortium member		
no affiliated co-investigators	$15,000	None
with affiliated co-investigators	$1,000	None
Using exclusively health agency data		20% discount

Contact Information

▶ Michael Zweifel, Census Administrator
Email: michael.zweifel@census.gov
Phone: 402-472-0362

▶ John E. Anderson, Executive Director Central Plains
Research Data Center

Email: janderson4@unl.edu

Phone: 402-472-1190

More Information

- ISRC: http://ppc.uiowa.edu/federal-stat-research-data-center

- RDCs: https://www.census.gov/fsrdc

- Data: http://www.census.gov/about/adrm/fsrdc/about/available_data.html

- Applications: https://www.census.gov/ces/rdcresearch/howtoapply.html

- Application guidelines and FAQ: https://business.unl.edu/outreach/central-plains-federal-statistical-research-data-center/guidelines/

- CES Dissertation Mentorship Program: https://www.census.gov/ces/researchprograms/mentorship.html

Additional Resources

- Library
  - Research Data Services
  - Data Management Plans
  - http://guides.lib.uiowa.edu/data

- Data Science Institute
  - Mini-classes in January and June
  - Applications of R, Python, Stata
  - https://uiowa.edu/datascience/

Additional Resources

- ISRC Workshops
    - Each fall and spring semester
    - R, Python, Stata, GIS, data access
    - http://ppc.uiowa.edu/isrc/workshops

- ICPSR: http://ppc.uiowa.edu/isrc/services/icpsr
- CPRDC: http://ppc.uiowa.edu/federal-stat-research-data-center
- QDR: https://guides.lib.uiowa.edu/qdr

Questions?

- Email: isrc-info@uiowa.edu

- Website: http://ppc.uiowa.edu/isrc