International Survey Data: An Introduction to Sources and Discovery

Jim Church, University of California, Berkeley
Beyond the Numbers, 2022
What we will cover

<table>
<thead>
<tr>
<th>IPUMS International</th>
<th>World Bank Data Catalog</th>
<th>International Household Survey Network</th>
</tr>
</thead>
<tbody>
<tr>
<td>International Census Microdata from Minnesota Population Center</td>
<td>Microdata from the World Bank, IGOs and national statistical agencies</td>
<td>Similar to World Bank Data Catalog with additional agencies</td>
</tr>
<tr>
<td>Harvard Dataverse</td>
<td>UK Data Archive</td>
<td>Princeton University DSS</td>
</tr>
<tr>
<td>International in scope: contributors from developed nations</td>
<td>Open, safeguarded and restricted data from UK agencies and institutions</td>
<td>Licensed and freely available data. Great for search and browse</td>
</tr>
</tbody>
</table>
Microdata vs. Aggregate Data

“Microdata is mostly original data that contains every individual (e.g., person, company, etc.) record in the survey/research samples. Public Use Microdata Sample datafiles... and other relevant governmental surveys, so far account for the majority of microdata that have been used by researchers and other data users...Computerized data storage and retrieval systems, as well as issues of file formats associated with various statistical software and operating systems, are heavily involved in working with microdata. This has made data services one of most challenging tasks in library services at academic and research libraries.” *

International Macrodata - data collected and/or harmonized by national governments or International Government Organizations such as the World Bank, United Nations, European Union, etc. In this case the unit of analysis is typically a geographic area such as a nation, state, province, city, county, or smaller. In many instances the data is presented in a time series format.

*All quotes and images are attributed at the end of this presentation.
Issues with Access

**Discoverability**

Access can be a challenge - this presentation will cover the basics

**Funds**

In some cases fees apply

**Bureaucracy**

It can take time to obtain access, depending on the institution

**Researcher status**

Some data sets require users to have PI status.
IPUMS International: Variables

Source vs. Harmonized
IPUM International: Sample Selection

Variable documentation on the website can be filtered to display only material corresponding to chosen datasets (more information on this feature).

### SELECT SAMPLES

<table>
<thead>
<tr>
<th>ALL REGIONS</th>
<th>AFRICA</th>
<th>AMERICAS</th>
<th>ASIA</th>
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Submit sample selections
Data Cart & Creating an Extract

**DATA CART**

**Variables**

**Samples**

**Occupation Codes**

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<th>CODES</th>
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<tr>
<td>25</td>
<td>Artisan or other craftsman</td>
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<td>X</td>
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<tr>
<td>26</td>
<td>Service worker</td>
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</table>

An "X" indicates the category is available for that sample.
I'm logged in, but IPUMS-DHS won't let me select certain samples. What's going on?

Once you are logged in, you can only add samples to your Data Cart if you have registered to use them through The DHS Program website. The DHS Program provides access on a country-by-country basis. If you want access to additional samples, you will need to change your registration with The DHS Program, specifying which additional countries you need to analyze. If you just want to browse documentation but not actually download data, simply log out.
World Bank Microdata Library

Search in 4044 datasets

Featured collections
The Microdata Library is a collection of datasets from the World Bank and other international, regional and national organizations

- High-Frequency Phone Surveys (HFPS)
- Global Financial Inclusion (Global Findex) Database
- Living Standards Measurement Study (LSMS)
- Integrated Public Use Microdata Series (IPUMS)
Sample World Bank Internal Survey Data

<table>
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<tr>
<th>Socioeconomic Survey 2015-2016, Wave 3</th>
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Sample External Repository Data

Afrobarometer Survey 2019
Round 8
Burkina Faso, 2019

Reference ID: BFA_2019_AFB-R8_v01_M

Producer(s): Ghana Centre for Democratic Development (CDD), Institute for Justice and Reconciliation in South Africa (IJR), Institute for Empirical Research in Political Economy (IREEP), Institute for Development Studies (IDS), Michigan State University (MSU), University of Cape Town (UCT, South Africa)

Collection(s): Afrobarometer, Fragility, Conflict and Violence

Metadata: DDI/XML, JSON

Data available from external repository

Data for the study is available from an external website, please use the link below:

World Bank Microdata Terms of Use Categories

Each item in the Microdata Library shall be subject to one of the following access and use categories, and users must agree to comply with those conditions associated with the items they wish to access.

- **OPEN ACCESS**
- **DIRECT ACCESS**
- **PUBLIC USE**
- **LICENSED**
- **EXTERNAL**
- **NO ACCESS**

Datasets and the related documentation are made available freely to users. There is no need to be being logged into the application.

- You are free to copy, distribute, adapt, display or include the data in other products for commercial and noncommercial purposes at no cost subject to certain limitations summarized below.
- You must include attribution for the data you use in the manner indicated in the metadata included with the data.
- You must not claim or imply that The World Bank endorses your use of the data by or use The World Bank’s logo(s) or trademark(s) in conjunction with such use.
- Other parties may have ownership interests in some of the materials contained on The World Bank Web site. For example, we maintain a list of some specific data within the Datasets that you may not redistribute or reuse without first contacting the original content provider, as well as information regarding how to contact the original content provider. Before incorporating any data in other products, please check the list: Terms of use: Restricted Data
- The World Bank makes no warranties with respect to the data and you agree The World Bank shall not be liable to you in connection with your use of the data.

This is only a summary of the Terms of Use for Datasets Listed in The World Bank Data Catalogue. Please read the actual agreement that controls your use of the Datasets, which is available here: Terms of use for datasets. Also see World Bank Terms and Conditions.
Summaries of the Terms of Use

- Open - “free to copy, distribute, adapt, display or include the data in other products for commercial and noncommercial purposes at no cost subject to certain limitations…”
- Direct - “datasets and the related documentation are made freely available to registered and unregistered users…” under “basic conditions*.”
- Public Use Files - “Available to anyone agreeing to respect a core set of easy-to-meet conditions. These data are made easily accessible because the risk of identifying individual respondents or data providers is considered to be low.”
- Licensed files - “files whose dissemination is restricted to bona fide users - authenticated users with legitimate need to access the data - who have received authorization to access them after submitting a documented application and signing an agreement governing the data's use.”.
- External - “Datasets provided by external agencies are not owned or controlled by the Bank and have their own conditions of use. When a user accesses external repositories, the terms governing use of those external repositories shall govern access to their data.”

* The conditions are in fact fairly detailed - see https://microdata.worldbank.org/index.php/terms-of-use for more
Search and Browse

COVID-19 High Frequency Phone Surveys 2020
Bolivia, 2020
Sergio Olivieri, Gabriela Lara Ibarra, Jose Antonio Cuesta Leiva
Data available from external repository

COVID-19 High Frequency Phone Surveys 2020
Guatemala, 2020
Sergio Olivieri, Gabriela Lara Ibarra, Jose Antonio Cuesta Leiva
ID: GTM_2020_HFP_V0_UM Last modified: Oct 14, 2021 Views: 879
Data available from external repository
COVID-19 Preventative Health Survey 2020-2021
Afghanistan, Algeria, Angola, Argentina, Australia, Azerbaijan, Bangladesh, Bolivia, Brazil, Cambodia, 2020 - 2021

Data available from external repository
Data for the study is available from an external website, please use the link below:
**Harvard Dataverse**

**Publication Year**
- 2022 (196)
- 2021 (249)
- 2020 (18)
- 2019 (7)
- 2018 (7)

**Subject**
- Social Sciences (100)
- Medicine, Health and Life Sciences (5)
- Computer and Information Science (2)
- Mathematical Sciences (1)

**Author Name**
- Dinesh, P. Vasudeva (14)
- Do, Esther (7)
- Robinson, Jonathan (5)
- Xu, Yingping (5)
- Gubert, Saad (4)

**Datasets (100)**

1. **Impact Of The Ud deen Programme On Child Health And Nutrition In India**
   - Jan 19, 2021 - 36 Datasets
   - A study conducted in India on the impact of the Ud deen programme on child health and nutrition.

2. **Life Histories and Social Change in Contemporary China, 1986 (MB89V1)**
   - Jan 4, 2016 - UCLA Social Sciences Data Archive Dataset
   - A dataset containing life histories and social change in contemporary China.
Harvard Dataverse: Journal Repositories
Bargain Down or Shop Around? Outside Options and IMF Conditionality
Codebook for premlagimp.csv

Richard Clark

October 4, 2021

All data analyses in this article were carried out using R Studio Version 1.1.413 and R version 3.5.3. Both for Mac.

# 2.4 Codebook
The codebook is included as a PDF document. I include a codebook for the dataset utilized in the main analysis -- premlagimp.csv. The other datasets used include the same variables, with premlagimp.csv-- complete dataset with one year lagged independent variables and multiple lags.

# Notes
All notes are in .R data source files. Notes that observations are uniquely linked to their source datasets by country-year in our final datasets. All references for the author-data cites listed below:

- csv - hand-coded data on bilateral swap agreements between states with the US, China, and Japan
- IMF.csv - data on institutional checks from the Database of Political Institutions downloaded in November 2018
- Globaldata.4h - dyadic UN voting data from Bailey, Streeck and Vetoer (2015)
- IMF_conditions.csv - the text of all IMF conditions from the Kattelakakis et al. (2018) data
- IMF_collab.csv - hand-coded data on collaboration (co-financing and information sharing) between emergency lending IDB
- IMF_collab_ineq - same as above, but including a series of hand-coded institutional covariates
- IMF_secure.csv - same as above, but reformatted to be amenable to network plotting
- IMF_networks.csv - hand-coded mapping of emergency lending IDB to unique node IDs for network plotting
- IMF_ament.csv - hand-coded data on time above a country’s next IMF program, coded using data from Kattelakakis et al. (2018)
- members.csv - data on IMF and WA membership hand-coded from information on Institutional websites
- HECMA.csv - election data first accessed from HECMA (Kohler and Rardtsov) in November 2018
- pclen.csv - replication data from Nelson (2017) measuring liberal ideology
- pdh2017.csv - 2017 version of the policy dataset restricted to only policy scores
-产出.csv - data on IMF quotas downloaded from fund website in early 2019
- IMF_stry.csv - hand-coded data on country membership in and contributions from regional financing arrangements; coding is discussed in Appendix B
UK Data Service

Browse data

Browse by theme

- Ageing
- COVID-19
- Crime
- Economics
- Environment and energy
- Education
- Ethnicity
- Food
- Health
- Housing
- Information and Communications
- Labour
- Politics
- Poverty
### Data Catalogue

**Search Browse and Download**

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<th>Topic</th>
<th>Countries</th>
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**Data catalogues:**

- **Countries Safeguarded:**
  - Country 1
  - Country 2
  - Country 3

**Access data:**

- The Data Collection is available for users registered with the UK Data Service.
- Commercial use of the data requires permission from the data owner or their nominee. The UK Data Service will contact you.

**Download data by adding them to your account:**

- Link to add data to your account.

**Studies:**

Guides and Agreements

Research data handling and security guide for users

End User Licence Agreement
China Health and Nutrition Survey

The individual questionnaires should be completed for all participants. The individual questionnaire includes the following sections:

- **Demographics**
  - Background and Demographics (for all participants)
  - Work Activities
  - Work Status (for participants age 16 and older)
  - Primary Occupation and Wages (for participants age 16 and older who work)

- **Household**
  - Heads of Household (for households with food production)
  - Collective and Household Farming (for participants age 16 and older)

- **Health and Daily Living**
  - Infant Feeding and Nutritional Status (for participants age 0 to 59)
  - Other Sources of Income (for all participants)

- **Survey Data**
  - Site Identification
  - Data Collection and Processing

- **Health Data**
  - Physical Activities (for participants age 16 and older)
  - Physical Activities (for participants age 16 and older who are active)

- **Health Services and Diagnosis**
  - Health Services (for participants age 16 and older)
  - Health Services (for participants age 16 and older)

- **Tobacco Use and Smoking**
  - Tobacco Use and Smoking (for participants age 16 and older)

- **Nutrition and Activity Knowledge**
  - Diet and Activity Knowledge (for participants age 12 and older)
  - Frequency of Consuming Snacks and Packaged Foods (for participants age 6 and older)

- **Marriage and Family**
  - Marital History (for all married women)
  - Marital History (for all married men age 52 who are married, widowed, or divorced)

- **Health Status**
  - Physical Health (for all men age 52 who are married, widowed, or divorced)
  - Physical Health (for all women age 52 who are married, widowed, or divorced)

- **Physical Activity**
  - Physical Activity (for all men age 52 who are married, widowed, or divorced)

- **Birth History**
  - Birth History (for all women age 52 who are married, widowed, or divorced)
  - Birth History (for all women age 52 who are married, widowed, or divorced, and who have given birth to a child)

- **Tobacco Use**
  - Tobacco Use (for participants age 12-19 years)

- **Other Data**
  - Other Data (for all participants)
Sample Restrictions and Fees

Restrictions and fees apply for the community and county level data sets.
E.g - IRB (Institutional Research Board) approval and a $330 processing fee.
Other Data Repositories and Archives

- **ICPSR & Open ICPSR** - Data archive of thousands of files in the social and sciences. Open ICPSR is free; many data sets are proprietary.
- **Statistics Canada** (Requires subscription; data may be requested case by case)
- **Cessda** - Council of European Social Science Data Archives.
- **Gesis** - Repository for Eurobarometer and the International Social Survey Program.
- **Eurostat Microdata** - EU surveys. Some require institutional membership; others are public access.
- **India Microdata Catalog** - Surveys of industries, consumer expenditures, households etc.
Concluding Points

International data discovery and access can be time consuming and bureaucratic.

Doing a thorough literature review is essential.

Be willing to adapt and talk to people.

It’s often persistence, not brilliance, that makes research successful.
“We urge you to review all documentation in this section, particularly the Questionnaires, CHNS Documentation, and the ID Variables pages before you download the data. A careful review of these materials will help you.”

-- China Health and Nutrition Survey
Thanks!

Questions?
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Attributions

Attributions, Continued