

IPUMS

Census and Survey
Microdata Dissemination
Partnership

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IPUMS Overview & Data Usage

Optimizing Data for Research

Partnering in Data Dissemination



HOME | SELECT DATA | MY DATA | SUPPORT













IPUMS INTERNATIONAL

ABOUT

INTERNATIONAL PARTNERS

REGISTER

DONATE TO IPUMS

DATA

BROWSE AND SELECT DATA
ANALYZE DATA ONLINE
DOWNLOAD OR REVISE MY DATA

SUPPLEMENTAL DATA

GEOGRAPHY & GIS
FERTILITY, MORTALITY, MIGRATION
RESEARCH DATA ENCLAVE

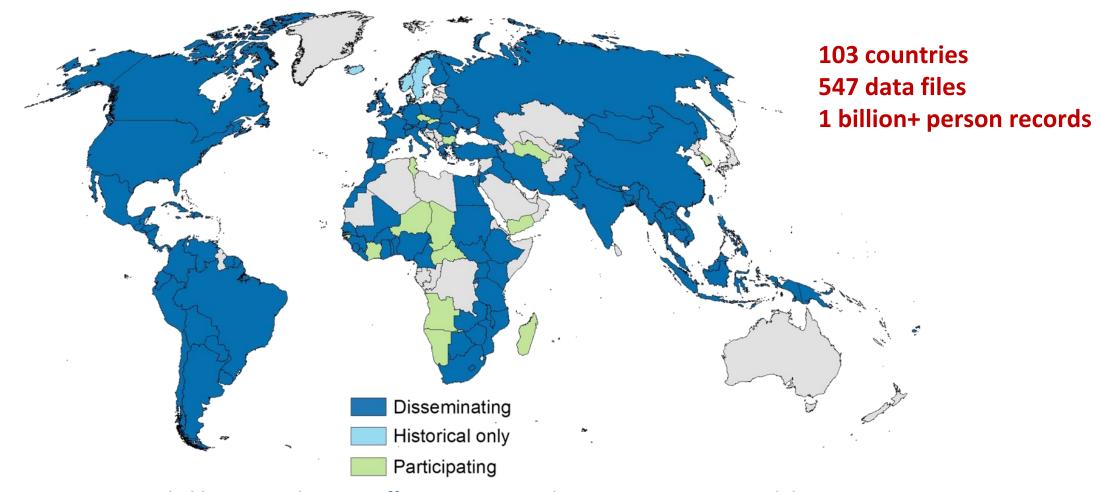
HARMONIZED INTERNATIONAL CENSUS DATA FOR SOCIAL SCIENCE AND HEALTH RESEARCH

IPUMS International is dedicated to collecting and distributing census microdata from around the world. The project goals are to collect and preserve data and documentation, harmonize data, and disseminate the harmonized data free of charge.

102 COUNTRIES - 473 CENSUSES AND SURVEYS - OVER 1 BILLION PERSON RECORDS

SOURCE DATA FOR IPUMS INTERNATIONAL ARE GENEROUSLY PROVIDED BY PARTICIPATING
NATIONAL STATISTICAL OFFICES

Microdata in IPUMS International



Data provided by National Census offices, partners in the census integration and dissemination project



IPUMS International data users and usage

Data users: Institutional affiliation

North America

University of Minnesota
University of California, Berkeley
Harvard University
University of Michigan
University of Chicago
Columbia University

Asia & Oceania

National University of Singapore Australian National University Xiamen University, China HKUST

Europe

London School of Economics Universidad Carlos III de Madrid University of Oxford University College London

Central and South America

Universidade Federal de Minas Gerais, Brazil El Colegio de México Universidad de Valle, Colombia Pontificia Universidad Católica de Chile

Africa

University of Witwatersrand, South Africa Obafemi Awolowo University, Nigeria University of Cape Town, South Africa Makerere University, Uganda

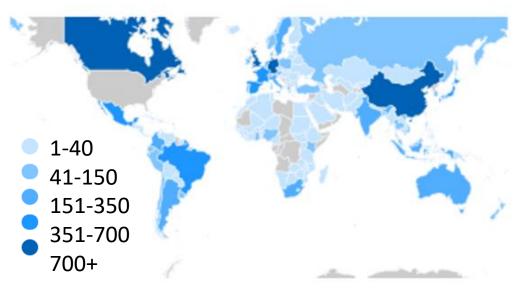
International Organizations

The World Bank
United Nations (UNPD, UNFPA, UNESCO)
Inter-American Development Bank
World Health Organization

Since 2005

- > 20,000 approved data users verified and credible academic or policy affiliation
- > 80,000 data download requests

Country of Residence of IPUMS Data Users (non-US)



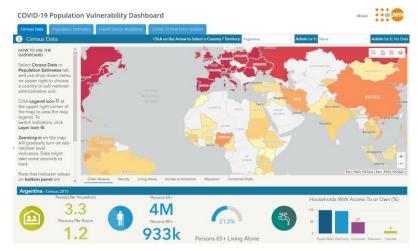


Scholarly and Policy Work

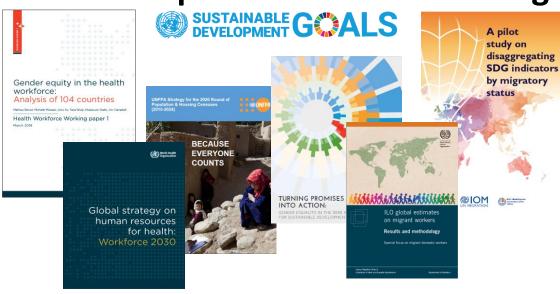
High-impact scholarly publications



Indicators and Dashboards



UN & NGO reports & SDG Monitoring





Census for SDG measurement

Census Microdata 110 of 169 Targets ♦ 11 of the 17 Goals

Multidimentional crosstabulation and investigation



Household

- Household composition
- Dwelling ownership
- Household amenities
- Access to utilities
- Group quarters
- Subnational geography

Person

- Fertility
- Mortality
- Migration
- Education
- Labor-force participation
- Occupational structure
- Ethnicity
- Disability



































IPUMS supports the Sustainable Development Goals





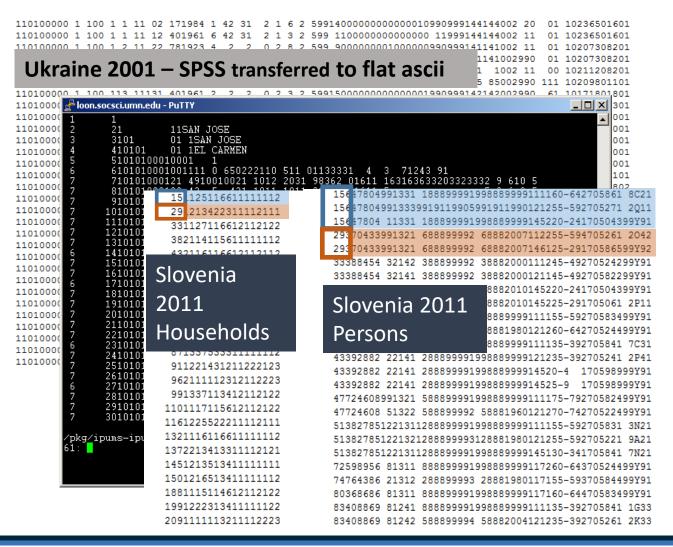
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Standardize data



H01100013200401313520000
P011001132206619350200113541621100101
P01100213310341967050021324173230100011002
P011003133104219590200110400099900000
H021000122004013138301000
P02100112220661935020021484165341001100009

ascii fixed-width data files H and P records

Data users have format options: SPSS, Stata, SAS, R, .csv

with
Standard and DDI codebooks



Standardize metadata: documentation



5. Number of Rooms

How many rooms are used for sleeping without counting hallways?

____ Write the number

Without counting the hallways or bathrooms how many total rooms are in this dwelling? Count the kitchen

Write the number

6. Access to water

Read all of the options until you get an affirmative answer. Circle only one answer

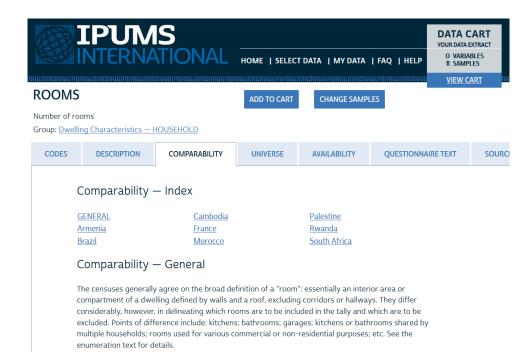
- 1 Running water inside the dwelling
- 2 Running water outside the dwelling but on the land
- 3 Running water from a public faucet or hydrant
- 4 Running water that is carried from another dwelling
- 5 Tanked in by truck
- 6 Water from a well, river, lake, stream or other

Answers 3, 4, 5, 6 continue with number 8

7. Water supply

How many days of the week is water available? Circle only one answer

- 1 Daily
- 2 Every third day
- 3 Twice a week
- 4 Once a week
- 5 Occasionally

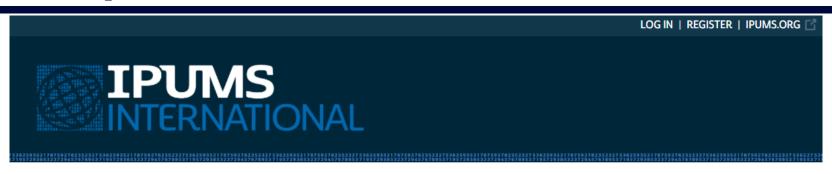




Variable harmonization: Marital Status



Request customized data downloads



EXTRACT REQUEST (HELP)

SAMPLES:	10	(<u>show</u>)	<u>Change</u>
VARIABLES:	25	(show)	Change
DATA FORMAT:	.sav (SPSS)		<u>Change</u>
STRUCTURE:	Rectangular (person)		<u>Change</u>
STRUCTURE.	recearigular (per 5011)		<u>change</u>
ESTIMATED SIZE:	1071.1 MB		How to reduce extract size

OPTIONS

SELECT CASES Incl and ATTACH CHARACTERISTICS Atta

Include only specified cases (for example, persons age 60 and older).

TACTI CHARACTERISTICS

Attach data from mother, father, spouse or household head as a new variable (for example, education of mother).

CUSTOMIZE SAMPLE SIZES

Specify the number of cases to include from each sample in your extract.

Describe your extract





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IPUMS Organizational Credibility

Highest standards in data management

- Storage, security and handling (NIST and ISO standards, CISSP certified)
- Archiving (Core Trust Seal)
- Open data best practices

Organizational partnerships

- IPUMS Global Health: DHS, PMA, UNICEF-MICS for health survey data
- IPUMS Time Use: Oxford, U Maryland for time use data

Independent reviewer endorsements

Dennis Trewin and Alphonse MacDonald



Other global data from IPUMS



IPUMS.ORG [2] | DHS [2] | PMA [2]













HARMONIZED INTERNATIONAL SURVEY DATA ON MATERNAL, CHILD, AND REPRODUCTIVE HEALTH

IPUMS Global Health provides integrated international health survey data at no cost for research and educational purposes from two data series: the Demographic Health Surveys (DHS) and Performance Monitoring for Action (PMA).

IPUMS-DHS

DEMOGRAPHIC AND HEALTH SURVEYS

Integrated Demographic and Health Surveys from The DHS Program, currently covering Africa and South Asian surveys from the 1980s to the present.

IPUMS-PMA

PERFORMANCE MONITORING FOR ACTION

Integrated PMA surveys on fertility, contraception, hygiene, and health, administered frequently to monitor trends in select high-fertility countries.



Tabular and GIS data from population, housing, and agricultural censuses around the world.

Learn More



Historical and contemporary time use data from 1930 to the present.

Learn More



Direct Benefits & Support to NSOs

Direct support

- License fee for redistribution of your data (in IPUMS format), or
- Consultant services (technical/sampling/editing)

Support for data preparation

- Data anonymization & confidentialization
- Conference sponsorship & partner workshops
- Data recovery & archiving



Indirect Benefits & Support to NSO

Long-term data preservation

Facilitate high-impact research

- Standardization & harmonization work
- Provide extensive metadata
- User-friendly web dissemination

Alleviate NSO support burden

- Provide data user support & training
- Publicity for data usage



IPUMS Participation Steps

- Memorandum of Understanding
 - Signed by NSO and IPUMS (University of Minnesota)
 - Authorizes data integration and dissemination through IPUMS
- Prepare and entrust data file & documentation
 - Anonymized data (names and lowest level geography removed)
 - Full count or sample is fine in any format, accompanied by a codebook Sampling and other anonymization can be done by IPUMS or the NSO
- IPUMS does the rest
- IPUMS provides a copy of harmonized data & periodic usage reports





INTERNATIONAL.IPUMS.ORG

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