Updates

2023

Jinkook Lee, University of Southern California
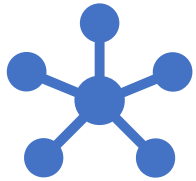
A free public resource designed to facilitate cross-national and longitudinal studies on aging using the HRS international network of studies

GATEWAY TO
GLOBAL AGING DATA

g2aging.org

Mission

Be

Be a data and information hub for global aging research

Make

Make data 'Science Ready'

- Reduce the up-front costs of understanding complex, longitudinal data available from the Health and Retirement Study and its international network of studies

Stimulate

Stimulate global aging research

What We Offer

DIGITAL LIBRARY
Search and browse metadata, including all survey questionnaires, interview prompts, answer types, and choices.

HARMONIZED DATA FILES
Download easy-to-use, individual-level, longitudinal data files containing a set of comparably defined variables.

CONCORDANCE SEARCH
Identify comparable measures across different surveys or across interview waves within a survey.

GRAPHS AND TABLES
Produce informative graphs and detailed tables of harmonized measures across countries and contextualize with national statistics without downloading the data.

DOCUMENTATION
View tables highlighting which survey measures are included in which studies and read our working paper series detailing cross-country comparability.

POLICY EXPLORER
Compare historical retirement, long-term care, and education policies across countries spanning North America, Asia, and Europe, as well as U.S. state-by-state comparisons.

DATA ENCLAVE
New remote access, virtual data enclave will host Harmonized versions of HRS-INS study data as well as newly linked environmental variables.

PUBLICATIONS
Search publications based on the network of HRS surveys around the world.

ENVIRONMENTAL EXPOSOME
Spatially-coded data collection on urban green space, coastal blue space, night-time light and noise, and linked to survey data.

Updates

Data Harmonization

Exposome

Infrastructure Upgrade

Methods Development

Dissemination

The Gateway Data Enclave

Data Harmonization

Newly integrated surveys:

- MARS
- Chile-Cog and SPS

Newly integrated data:

- Harmonized Life-history
- Harmonized End-of-Life
- Harmonized HCAP
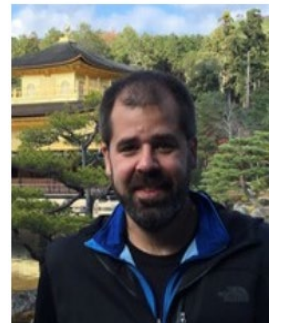- Harmonized COVID

Drystan Phillips

Dr. Morten Wahrendorf

Dr. Jennifer Ailshire

Jenny Wilkens

Dr. Alden Gross

Data Harmonization

- Core Data Harmonization

  - Released: Harmonized SHARE (F), Harmonized LASI (A.3), Harmonized KLoSA (E.2), Harmonized MHAS (C.2), Harmonized MARS (A)

  - Under External Review: Harmonized ELSA (G.3), Harmonized HRS (D)

- Life History Data Harmonization

  - Released: Harmonized SHARE Life History (B.3),

  - Under External Review: Harmonized ELSA Life History (A.2)

- End-of-Life Data Harmonization

  - Released: Harmonized SHARE End of Life (C), Harmonized CHARLS End of Life (A), Harmonized MHAS End of Life (B), Harmonized KLoSA End of Life (B)

- COVID Data Harmonization

  - Released: Harmonized HRS COVID (B), Harmonized SHARE (B)

  - Under External Review: Harmonized ELSA COVID (A)

- HCAP Data Harmonization

  - Released: Harmonized Mex-Cog (A), Harmonized ELSA-HCAP (A), Harmonized LASI-DAD (A.3)

HCAP Data Harmonization

- Pre-statistical harmonization
- Statistical harmonization
- Algorithmic classification harmonization

- Investigator Workshop, May 2023
- HCAP Hackathon, August 2023

- *GSA Symposia* 2024
- *American Journal of Epidemiology* 2024

User Guides | Working Papers

- Chronic Conditions, 2011
- Financial Transfers, 2011
- Expectations, 2011
- Employment & Retirement, 2011
- Income, 2011
- Wealth, 2011
- Cognition, 2011
- Health Behavior, 2014
- Effect of Using Different Imputation Methods for Economic Variables in Aging Surveys, 2015
- Informal Care, 2016
- Household Expenditure, 2016
- Health Care Utilization & Expenditure, 2017
- Physical & Anthropometric Measurement, 2018
- Stress, 2020
- Physical Functional Health, 2021
- Subjective Well-being, 2023

Refereed Publications

- Lee J. "Data sets for pension and health: Data collection and sharing for policy design," *International Social Security Review*, **2010**

- Lee J, Phillips D, Wilkens J. "Gateway to Global Aging Data," In: Gu D., Dupre M. (eds) *Encyclopedia of Gerontology and Population Aging*. **2019**, Springer, Cham

- Lee J, Phillips D, Wilkens J. "Gateway to Global Aging Data: Resources for cross national comparisons of family, social environment, and healthy aging," *Journal of Gerontology: Social Sciences*, **2021**

- Ailshire J, Osuna M, Wilkens J, Lee J. "Family caregiving and place of death: Insights from cross-national analysis of the Harmonized End of Life Data," *Journal of Gerontology: Series B Social Sciences*, **2021**

- Wahrendorf M, Deindl C, Lee J, Phillips D. "Life history data from the Gateway to Global Aging Data platform: Resources for studying life courses across Europe," *European Journal of Ageing*, **2023**

- Gross A, Li C, Briceño EM…, Lee J, Kobayashi L. "Harmonization of Later-Life Cognitive Function Across National Contexts: Results from the Harmonized Cognitive Assessment Protocols," *The Lancet Healthy Longevity*, **2023**

Publications

Exposome

Historical policy changes: Public pension, long-term care, education
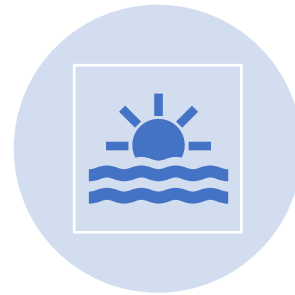
Pollution: $PM_{2.5}$, NO_2, O_3, nighttime light

Physical environments: Greenspace, blue space

Climate: Temperature, precipitation

Why Tracking Past Policies?

Individuals make choices based on current policies and the outcomes we see today may reflect responses to past policies

GATEWAY TO GLOBAL AGING DATA

Home » Gateway Policy Explorer

Gateway Policy Explorer

The Policy Explorer captures historical policy across countries. It was motivated by the rapid evolution of policies affecting older people across the world. The key dimensions of the Policy Explorer are policy, country and time. Select a policy and countries and then click View to see policy details. You can compare multiple countries during a single year or view one country's policy changes across many years.

Watch our example video demonstrating the key features of the Policy Explorer here (◼ 2:56).

Select Policy

-- Select Policy --

Select Countries

-- Select Countries --

View

Countries ⌄	Pension Plans ❯	Own Old-Age Benefits	Spousal Old-Age Benefits	Survivor Old-Age Benefits	Old-Age Social Assistance	Old-Age Health Insurance
Austria	First law ❯	ⓘ 1909	ⓘ 2005	ⓘ 1909	ⓘ 1955	ⓘ 1955
	Major changes since '92 ❯	1996, 1999, 2003, 2005	2016	2000	2010, 2019	
	Documentation ❯	🗎 PDF	🗎 PDF	🗎 PDF	🗎 PDF	🗎 PDF
Czech Republic	First law ❯	ⓘ 1906		ⓘ 1906	ⓘ 1991	ⓘ 1991
	Major changes since '92 ❯	1997, 1999, 2001, 2002, 2010, 2014	None		2006	2007
	Documentation ❯	🗎 PDF		🗎 PDF	🗎 PDF	🗎 PDF
France	First law ❯	ⓘ 1945	ⓘ 1945	ⓘ 1945	ⓘ 1946	ⓘ 1928
	Major changes since '92 ❯	1993, 2003, 2010, 2014	2010	1994, 2003	2004	None
	Documentation ❯	🗎 PDF	🗎 PDF	🗎 PDF	🗎 PDF	🗎 PDF

GATEWAY TO GLOBAL AGING DATA

g2aging.org

Gateway Policy Explorer: Retirement Series

Ireland

Public Own Old-Age Benefit Plan Details

1992-2023

Authors
Alejandra Tantamango
Astrid Ouyang
David Knapp

Contributors
Barra Roantree
Jinkook Lee
Maciej Lis[†]
Rachel Lobo
Drystan Phillips
Kanghong Shao
Michael Upchurch

Version: 1.0 (August 2023)

DRAFT - FOR REVIEW ONLY

Please cite as "Gateway to Global Aging Data (2023). *Gateway Policy Explorer: Ireland, Public Own Old-Age Benefit Plan Details*, 1992-2023, Version: 1.0 (August 2023), University of Southern California, Los Angeles."

Ireland
Own Old-Age Benefits
Plan details 1992-2023 [*] [†]

The Irish public pension system is a pay-as-you go system that provides beneficiaries a flat-rate benefit starting at age 66 based on their contribution and earnings history and occupational class. From 1992 to 2023, changes to pension-related policy introduced new eligibility tracks, and suspended and subsequently reinstated benefit payments from age 65 for qualified beneficiaries who have long work histories and have stopped working. Old-age pension benefits are administered by the Department of Social Protection.

Key Dates
First law: 1908
Major changes since 1992: 1997, 2011, 2018, 2021

Contents

[*] If you have questions or suggestions, please contact policy@g2aging.org.
[†] Detailed information and definitions are provided in tables, formulas and a glossary at the end of this document. To facilitate switching back and forth, this document is designed with hyperlinks. Most PDF readers have shortcuts that permit a reader to return to the previous location after selecting a hyperlink. In Adobe Acrobat on a PC: "Alt" + "←"; In Adobe Acrobat on a MAC: "command" + "←"; In Preview on a MAC: "command" + "[".

Dr. Dave Knapp

Policy Initiatives

- Retirement and pension
  - Available for 10 countries: Austria, Czech Republic, France, Germany, Italy, Korea, Poland, Spain, UK, US
  - Belgium and Ireland to be released in early September 2023
- Long Term Care
  - First release in September 2023 for 7 countries: Japan, France, Germany, Austria, Belgium, England, and USA, including 5 state-level policies for California, Florida, Michigan, New York, and Texas
- Education
  - First release in December 2023: Compulsory education policies in 21 countries and 15 US states

Dr. Agar Brugiavini

Dr. Giacomo Pasini

Dr. Mauricio Avendano

Linking Policy Data to Survey Data

Topics	Initiatives: Policy Explorer	Harmonized Variables (HRS-INS linkable by person-level records)	Contextual Data (HRS-INS linkable by country - calendar year)
Pensions	• Eligibility for coverage (e.g., birth cohort) • Income/asset tests	• Pension eligibility • Pension system generosity	• Fraction working by age • Percent in poverty age 65+
LTC	• Eligibility rules for coverage (e.g., #ADL) • Income/asset tests	• Eligibility for LTC based on health • Eligibility for LTC based on means	• Bed availability rates by region • Average cost of care types
Education	• Compulsory schooling • Education tracking (e.g., university v. vocational)	• Start and leaving age based on cohort	• Population average measures of years of schooling • Student-to-teacher ratios • Expenditures per student • Term length

Infrastructure Upgrade

beta.g2aging.org

Webinar scheduled for September 2023

Bas Weerman   Hooman Gol

Methods Development

- Imputation
  - Economic variables: KLoSA, LASI, CHARLS, TILDA
  - HCAP: LASI-DAD, ELSA-HCAP, Mex-COG, Chile-COG

- Synthetic data for teaching
  - LASI

- Harmonization of measures
  - HCAP: Cognition, functional limitation, information reports

Dr. Erik Meijer

Dr. Joshua Snoke

Dr. Emma Nichols

Dissemination

Partnerships

- Biomarker Research Network R24

- Stress Research Network R24

- Emotional Well-Being Research Network U24

- UC Berkeley Research Transparency and Reproducibility Training (RT2)

- U Michigan Center to Accelerate Population Research in Alzheimer's (CAPRA)

- BUSPH-HSPH Climate Change and Health Research Coordinating Center (CAFÉ)

Dissemination

- Exhibits
  - PAA, GSA, American Public Health Association, Alzheimer's Association International Conference, Consortium of Universities for Global Health
- User Workshops, Webinars
  - HRS, ELSA, CHARLS, MHAS, LASI, Society for Longitudinal and Lifecourse Studies, Venice Summer Institute, International Conference on Aging in Americas
- Blogs, Social Media
- Synthetic Data Development
- Aging Research Hackathon
  - Planning for End-of-Life Data, Stress and EWB, HCAP
- Publication
  - *Health Economics, 2024* (– LTC Conference in Nov 2023)
  - *American Journal of Epidemiology, 2024/25* (– HCAP Investigator Workshop + HCAP Hackathon in 2023)

The Gateway Data Enclave

- Builds on the system and security-measure endorsed by the NIH's Health & Aging Data (HaAD) Enclave

- **Launched the Enclave with HRS, ELSA, LASI, and SPS!!**

  https://beta.g2aging.org/app/enclave

- DUA:
  - Completed for NICOLA and CADAS
  - In progress with TILDA
  - Planning for HAGIS-COVID

GATEWAY DATA ENCLAVE INSTRUCTIONS

Researchers may access public-use and/or sensitive data for analysis using the Gateway to Global Aging Data Enclave. The Enclave is a secure remote computing desktop for using a selection of Gateway data products and original survey data to study aging, healthcare, and health outcomes. Please note that the Enclave is currently only available to researchers based in the United States.

Enclave Access

To apply for Enclave access, researchers must first create a [Gateway user account](#) and then fill out an [Application for a Gateway Enclave Workspace](#).

Data may not be exported from the Enclave. Researchers may only export statistical summaries (frequency tabulations, magnitude tabulations, means, variances, regression coefficients, correlation coefficients) and analysis programs. All output will be monitored and approved by a Gateway compliance officer prior to download.

About the Gateway Enclave: The Gateway to Global Aging Data and the Medicare and Medicaid Resource Information Center (MedRIC) established the Gateway Enclave based on MedRIC's Health and Aging Data (HaAD) Enclave framework. The Enclave includes analytic (R, SAS, Stata) and productivity (Adobe Acrobat Reader, Microsoft Excel, Microsoft Word, Notepad++) software. For more information about the HaAD Enclave, please visit the [MedRIC website](#).

Data Available in the Enclave

The following data files are currently available in the Gateway Enclave. Updated and new files will be added over time. Researchers may upload external data to their Enclave workspace.

Health and Retirement Study (HRS)

- Harmonized HRS
- Harmonized HRS End of Life
- Harmonized HRS COVID
- 2002-20 Core HRS Interview

English Longitudinal Study of Ageing (ELSA)

- Harmonized ELSA
- Harmonized ELSA End of Life
- Harmonized ELSA Life History
- Harmonized ELSA-HCAP
- Harmonized ELSA COVID
- 2002-19 Core ELSA Interview

Longitudinal Aging Study in India (LASI)

- Harmonized LASI
- Harmonized LASI-DAD
- 2017-19 Core LASI Interview
- 2020-22 Wave 1 LASI-DAD

Chilean Social Protection Survey (SPS)

- 2017-18 Core SPS
- 2019 Wave 1 Chile-Cog

Example Code for Merging Data in Stata

Merging Harmonized Data with Household-Level Original Survey Data

- *Load Harmonized LASI
- use "*filepath*\H_LASI_a3.dta"
- *Merge LASI household survey data
- merge m:1 hhid using "*filepath*\lasi_w1b_hh.dta"

Merging Harmonized Core Data with Harmonized End of Life Data

- *Load Harmonized HRS
- use "*filepath*\H_HRS_d.dta"
- *Merge Harmonized HRS End of Life
- merge 1:1 hhidpn using "*filepath*\H_HRS_EOL_a.dta"

Appending Harmonized Data from Multiple Countries

- *Load Harmonized ELSA
- use "*filepath*\H_ELSA_g3.dta"
- *Append Harmonized LASI
- append using "*filepath*\H_LASI_a3.dta"

Quick Links

Study Overviews

Harmonized Data Overview

Interactive Graphs

Thank You