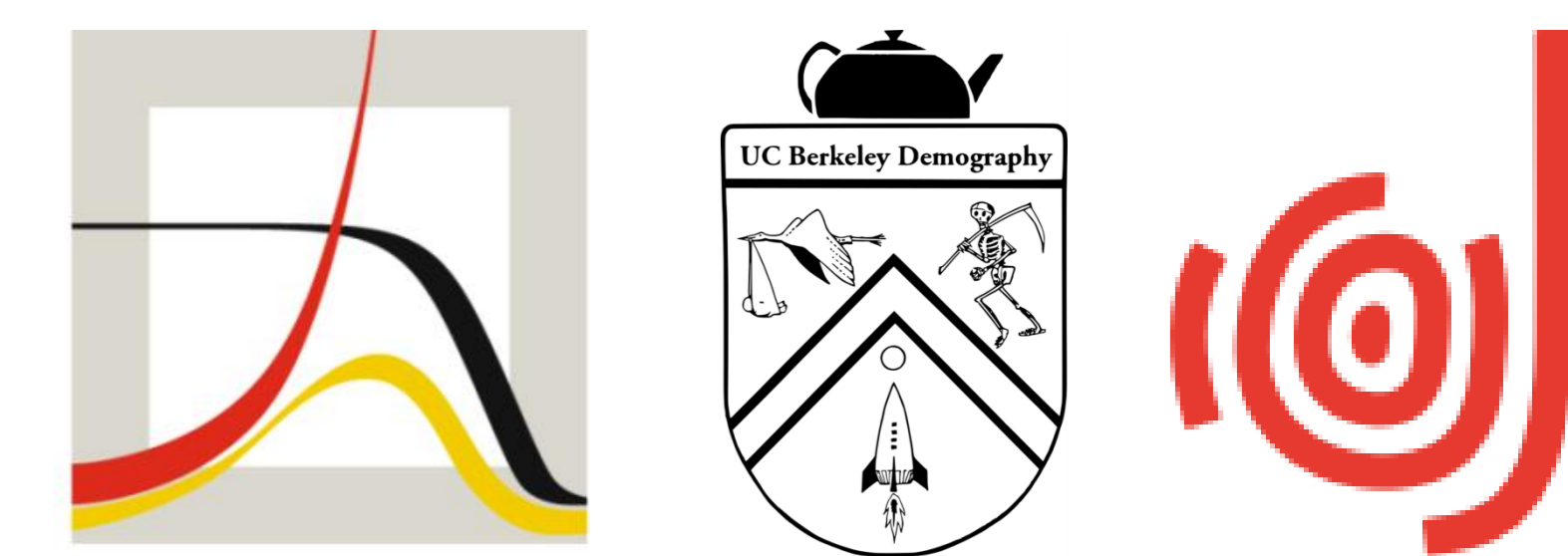




Human Life-table Database

Data Resource Profile



What is the HLD?

The Human Life-table Database (HLD) is a **collection of life tables** covering many of the countries worldwide for many years. The HLD is part of the *Human Mortality Database* (HMD) project and it was designed to supplement the HMD introducing a user friendly wide range of life tables without such strong data quality requirements.

The HLD is jointly developed by the Max Planck Institute for Demographic Research (MPIDR) in Rostock, Germany, the Department of Demography at the University of California at Berkeley, USA and the Institut d'Études Démographiques (INED) in Paris, France and maintained by the MPIDR.

The HLD contains currently **9059 period life tables** from **130 countries**, and the longest period covered is from **1751 to 2018** (Finland).

HLD covers national populations and when possible, **regional life tables** and even other sub-populations ones are included: by **ethnicity**, **settlement** –urban and rural areas- and **socio-economic status**.

Where does the data come from?

The HLD life tables come from different sources:

- National statistical offices (main source)
- Non-official tables from scientific publications of individual researchers (i.e. life tables from Keyfitz and Flieger's *World population - An analysis of vital data*).
- Data collections from individual researchers or research centers (i.e. the large set of life tables from the collection of Dr. Väinö Kannisto)
- Other organizations official reports (i.e. UN-ECLAC Life Tables of 2017)
- Personal contributions from researchers (i.e., Russian life tables from 1956 to 2017 provided by Dr. Evgeny Andreev)

The HLD always include the original source reference, following the appropriate citations guidelines.

If you are able and willing to contribute to the HLD, please do not hesitate to contact us!

What makes valuable for research the HLD?

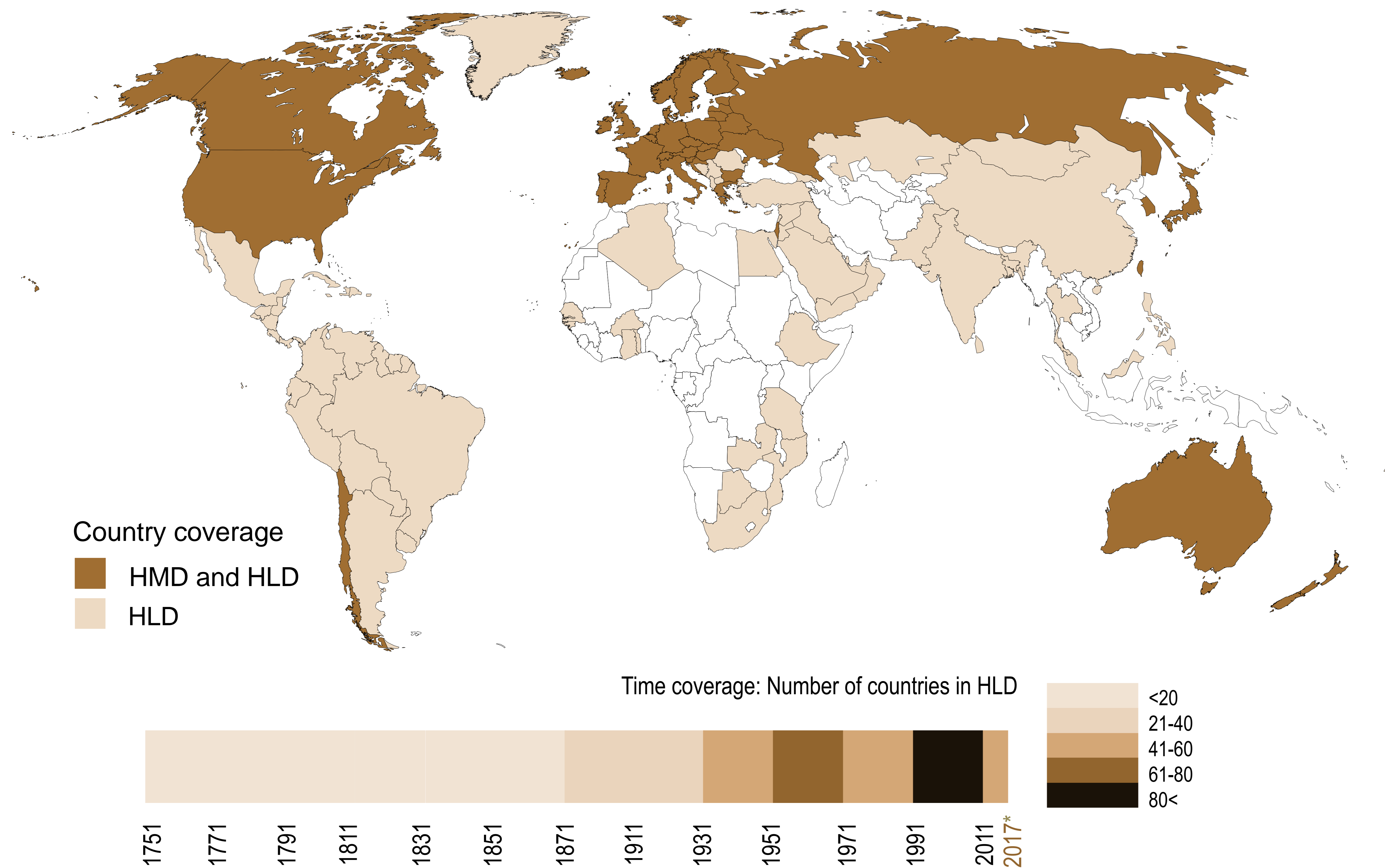
The HLD publishes **recalculated life tables** based on a **standard methodology** that eliminates historical and geographical particularities and thus making them **comparable**.

The HLD include **all the standard functions** (m_x , q_x , l_x , d_x , L_x , T_x , e_x), even if they were missing in the original source. To do so, at least one of the frequency functions (l_x , d_x or q_x) and one of the duration function (T_x , L_x or e_x) from the original source needs to be available. In addition, the HLD include the e_x values from the original source.

To learn more about methodological issues, the user can consult [Methods Protocol](#) and [Data Formats](#) sections of the HLD.

<https://www.lifetable.de>

- **9059** period life tables
- **130** countries
- **1751-2018** (max. period covered)
- **Complete** and **abridged** tables
- **Multiple** data sources
- **Standardized** methodology for life table recalculations
- **Standardized** data format
- **Easy** and **free** access to files



HLD country page

What's different between the HLD and HMD?

What files are available?

	HLD	HMD
	130	40
	1751-2018 (not continuous)	1751-2017 (continuous)
Regions, Settlements, Ethnicity and Socio-economic status	Sub-populations	No, except for UK, Germany, and New Zealand
	No	11 countries
Life tables published or provided by researcher	Data requirements	High quality vital statistics Reliable population estimations, cont. series
Basic check and corrections	Quality checks	Thorough quality checks
Standardized format	Data consistency	Country/time comparability
Author/Data provider	Responsibility	HMD team
Original description "as it is"	Documentation	Detailed Background and Documentation

To facilitate users access, HLD publishes:

- **All HLD life tables** in one file (all countries/all years) (csv zipped file).
 - For each country:
 - **All the HLD country-life tables** in one file (csv zipped file);
 - **All the HLD country- e_0 values** in one file (csv file);
 - **Standardized individual life tables** (txt format);
 - References to **original sources** and copies of original life tables) (pdf format).
- The website also publishes a list of:
- All HLD source references;
 - All HLD country-specific source references;
 - A description of the codes used in the life tables.

Contact

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