

All data about the projections and reconstruction of population by age, sex and level of education are available in the: Wittgenstein Centre Data Explorer

www.wittgensteincentre.org/dataexplorer







Explore, select and download data of the global population projections by age, sex and education published by Lutz, Butz, and K.C. (2014). Access the executive summary .



Selection Assumptions







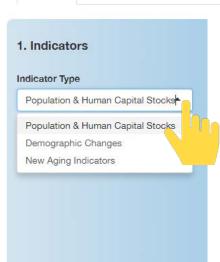




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Selection Assumptions



All kinds of indicators are available









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Selection

Assumptions

1. Indicators Indicator Type Population & Human Capital Stocks Population & Human Capital Stocks Demographic Changes New Aging Indicators

All kinds of indicators are available

Population and human capital stocks indicators:

- Population size
- Population size by education
- Sex ratio
- Dependency ratios
- **Education distribution**
- Mean years of schooling
- Measures of gender gap ...









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Selection

Assumptions

1. Indicators Indicator Type Population & Human Capital Stocks Population & Human Capital Stocks Demographic Changes New Aging Indicators

All kinds of indicators are available

Demographic changes indicators:

- Growth rates
- Median age
- Total fertility rate (TFR)
- TFR by education
- Age specific fertility rates and CBR
- Mean age at child bearing
- Life expectancies
- Survival ratios and CDR
- Net migration ...









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Selection

Assumptions

1. Indicators Indicator Type Population & Human Capital Stocks Population & Human Capital Stocks Demographic Changes New Aging Indicators

All kinds of indicators are available

New aging indicators:

- Prospective median age
- Age when life expectancy is below 15 years
- Prospective old age dependency ratio

Data Explorer

Graphic Explorer About









Wittgenstein Centre Data Explorer

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All data are available for 195 countries, grouped by region and sub-regions

2. Geography

Country

Algeria Angola Benin Botswana

Burkina Faso Burundi Cameroon

Cape Verde

Central African Republic Chad

Comoros Congo Cote d'Ivoire

Democratic Republic of the Congo

Djibouti Egypt Equatorial Guinea

Eritrea Ethiopia Gabon Gambia

Ghana Guinea Guinea-Bissau

Kenya Lesotho Liberia

Libyan Arab Jamahiriya Madagascar

Malawi Mali Mauritania Mauritius

Mayotte Morocco Mozambique

Namibia Niger Nigeria Reunion

Rwanda Sao Tome and Principe

Senegal Sierra Leone Somalia

South Africa Sudan Swaziland

Togo Tunisia Uganda

United Republic of Tanzania Zambia

Zimbabwe

Region

Africa

Include countries of selected regions







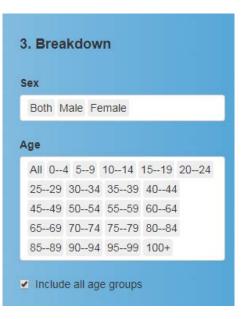


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Most data are available by sex and by age up to 100+











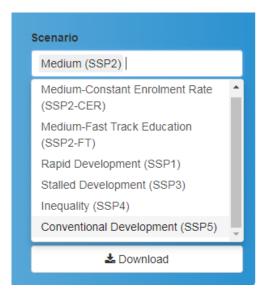
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The projections are available from 2010 to 2100 according to 7 scenarios











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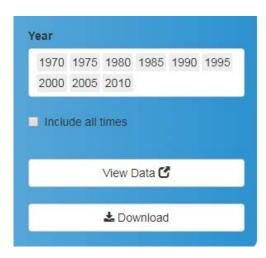


All data are available for 195 countries, grouped by region and sub-regions

Most data are available by sex and by age up to 100+

The projections are available from 2010 to 2100 according to 7 scenarios

The reconstruction of levels of education are available from 1970 to 2010











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Show 25 v entries					Search:	Search:	
Area	Scenario	♦ Year	♣ Age	♦ Sex	♦ Education ♦	Population (
South Africa	SSP2	2050	3034	Both	Total	5130.08	
South Africa	SSP2	2050	3034	Male	Total	2648.53	
South Africa	SSP2	2050	3034	Female	Total	2481.55	
South Africa	SSP2	2050	3034	Both	Under 15	0.00	
South Africa	SSP2	2050	3034	Male	Under 15	0.00	
South Africa	SSP2	2050	3034	Female	Under 15	0.00	
South Africa	SSP2	2050	3034	Both	No Education	3.71	
South Africa	SSP2	2050	3034	Male	No Education	2.05	
South Africa	SSP2	2050	3034	Female	No Education	1.66	
South Africa	SSP2	2050	3034	Both	Incomplete Primary	13.64	
South Africa	SSP2	2050	3034	Male	Incomplete Primary	7.62	
South Africa	SSP2	2050	3034	Female	Incomplete Primary	6.02	
South Africa	SSP2	2050	3034	Both	Primary	210.64	
South Africa	SSP2	2050	3034	Male	Primary	113.16	
South Africa	SSP2	2050	3034	Female	Primary	97.48	
South Africa	SSP2	2050	3034	Both	Lower Secondary	893.87	

C Back to Selection

Indicator Details:

Population Size by Education (000's)

De facto population in a country, region, or region, classified by sex and by fiveyear age groups. Available by level of educational attainment, in all scenarios. and at all geographical scales. Figures are presented in thousands.

Data for 1970 to 2010: Based on UN Population Division, World Population Prospects 2010

Scenario Details:

Multiple Scenarios Selected See About tab for full scenario details

Access Data:

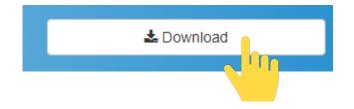
▲ Download

Include ISO Country Codes

It is possible to view the data directly on the screen by clicking:



Or to download as CSV file to be opened in a worksheet:



Wittgenste Centre Graphic Explorer

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Pyramids Population Size Profile Area Scenario Area Scenario Nigeria Medium (SSP2) Medium (SSP2) Rwanda Year Year 1 970 2 100 1 970 2 100 Primary Incomplete Primary Lower Secondary Total Population: 178.91 m Total Population: 12.18 m 100+ 100+ 95--99 95--99 90--94 90--94 85--89 85--89 80--84 80--84 75--79 75--79 70--74 70--74 65--69 65--69 60--64 60--64 55--59 55--59 50--54 50--54 45--49 45--49 40--44 40--44 35--39 35--39 30--34 30--34 25--29 25--29 20--24 20--24 15--19 15--19 10--14 10--14 5--9 5--9 0--4 0--4 12,000 4.000 12,000 250 16,000 1,000 750 1,000 Male Male Female Female

There is also a Graphic Explorer with pyramids of population by education that can be compared across time, countries and scenarios

The graphs can be downloaded and copied as pictures to any document

Download Options:					
File Type					
PNG	•	≛ Left Pyramid	≛ Right Pyramid		
PNG					
PDF					









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Other graphs are available such as stacked area charts to show the composition of the total population during a period...









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... or maps







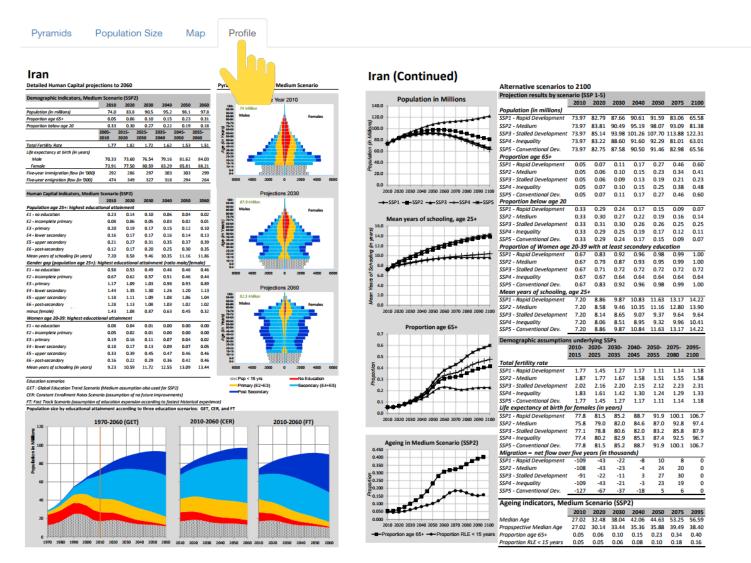




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Country and region profiles are also available in PDF format













Further Details





Scenario Defintions

Education Definitions

General:

Question	Answer	
What is WIC and what does it do?	The Wittgenstein Centre for Demography and Global Human Capital (WIC) is based in Vienna and Laxenburg, Austria. It is a collaboration between the International Institute for Applied Systems Analysis (IIASA), the Vienna Institute of Demography of the Austrian Academy of Sciences (VID/OEAW), and the Vienna University of Economics and Business (WU). Its aim is to be a world leader in the advancement of demographic methods and their application to the analysis of human capital and population dynamics by combining the three partner organizations' strengths in the fields of demography, human capital formation, and analysis of the returns to education.	
Is there a registration required for downloading content from the web site?	No registration is required for accessing, selecting, and downloading data.	
Which data can be found in the WIC Data Explorer?	The WIC Data Explorer currently includes data on the following topics for all countries with more than 100,000 inhabitants in 2010: total population and population growth, population ageing, education fertility, mortality, and migration. Some indicators are not available in every scenario, by education, and/or at all geographical scales.	
What are the data sources for the WIC Data Explorer?	The data provided comes from population projections carried out by researchers at WIC. The research is based on the World Population Prospects: The 2010 revision by the UN Population Division where information on total population and sex was obtained.	
How reliable is the provided data?	The projections until 2100 are based on collected census and survey data for the base year (around 2010). They follow different what-if scenarios to show the development over time if certain criteria are met. For more information see K.C. and Lutz, 2014 and the Scenario Definitions tab.	
Who is the copyright holder and what are the regulations for redissemination? How should I cite data from the website?	The copyright of all data provided in the WIC Data Explorer belongs to the Wittgenstein Centre for Demography and Global Human Capital and its researchers. Data can be used for personal calculations and publications but must always be attributed as follows: 'Source: Wittgenstein Centre for Demography and Global Human Capital (WIC) Wittgenstein Centre Data Explorer. Version 1.2 2015'	
Can I put a link to the WIC Data Explorer on my website?	Yes, webmasters can place links to the WIC Data Explorer without special permission. Nevertheless, we would appreciate notification if you do so.	

Further details about

- Frequently asked questions (FAQ)
- Scenario definitions
- **Education definitions**
- Source and credits are available in the **About section**

Online now: Version 1.1 of the Wittgenstein Centre Data explorer

Coming soon (Winter 2017-2018):

Version 2.0 with

more countries, more education categories, and more recent data

Stay tuned:

www.wittgensteincentre.org/dataexplorer



Credits: Data Explorer Team at the Wittgenstein Centre for Demography and Global Human Capital

Concept and Coordination: Guy J. Abel, Anne Goujon, Jakob Eder and Ramon Bauer

Data: Samir K.C.

Web Interface: Guy J. Abel

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Anna Rotkirch

James K.S.

Caroline Berghammer

Bruno Schoumaker

Douglas Massey

Teresa Castro-Martin

Melinda Mills

François Pelletier

Web interface built using:

shiny: Chang, W., Cheng J., Allaire, J.J., Xie, Y. & McPherson, J. (2013). shiny: Web Application Framework for R. R package version 0.11.1

Additional R packages used for data manipulations and visualisation:

dplyr: Wickham, H., & Francois, R. (2015). dplyr: A Grammar of Data Manipulation. R package version 0.4.1

googleVis: Gesmann, M., & de Castillo, D. (2011). Using the Google visualisation API with R. The R Journal, 3(2), 40-44.

magrittr: Bache, S.M. & Wickham, H. (2015). magrittr: A Forward-Pipe Operator for R. R package version 1.5

markdown: Allaire, J.J., Horner, J., Marti, V. & Porte, N. (2015). markdown: Markdown rendering for R. R package version 0.7.4

reshape2: Wickham, H. (2007). Reshaping Data with the reshape Package. Journal of Statistical Software, 21(12), 1-20.

saves: Daróczi, G. (2013). saves: Fast load variables. R package version 0.5 Converting HTML plots to PDF and PNG: http://wkhtmltopdf.org