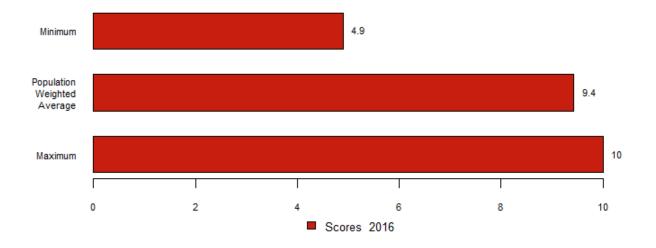
Indicator 1 - Sufficient Food

Prevalence of undernourishments is the percentage of the population whose habitual food consumption is insufficient to provide the dietary energy levels that are required to maintain a normal active and healthy life. Data showing as 2.5 may signify a prevalence of undernourishment below 2.5%.

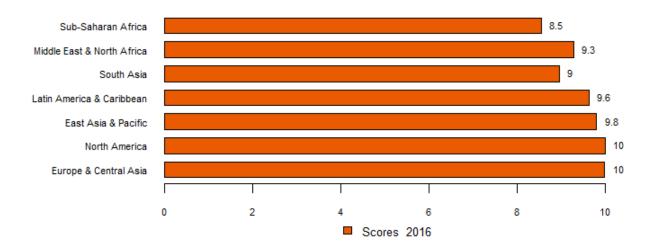
Indicator	Prevalence of undernourishment (% of population)
Source	Worldbank
Year of data	2016
Target	0% undernourished people

Sufficient Food - world





Sufficient Food - by regions*



Sufficient Food - by income class*

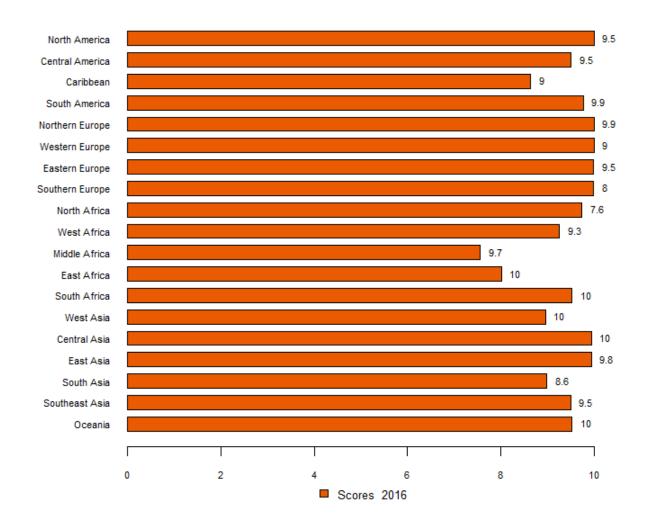


*Worldbank 2016 definition

Technology Arts Sciences TH Köln

Indicator Descriptions Data Set 2016





(1)UN 2016 definition

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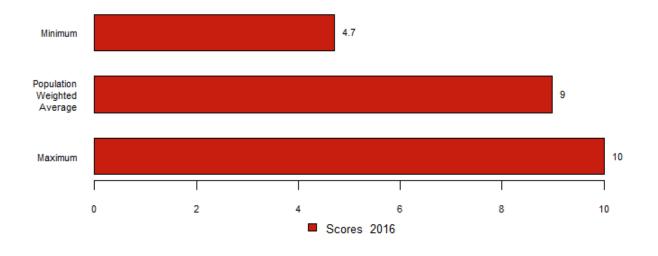
Indicator Descriptions Data Set 2016

Indicator 2 - Sufficient to Drink

The percentage of people using at least basic water services. This indicator encompasses both people using basic water services as well as those using safely managed water services. Basic drinking water services is defined as drinking water from an improved source, provided collection time is not more than 30 minutes for a round trip. Improved water sources include piped water, boreholes or tubewells, protected dug wells, protected springs, and packaged or delivered water.

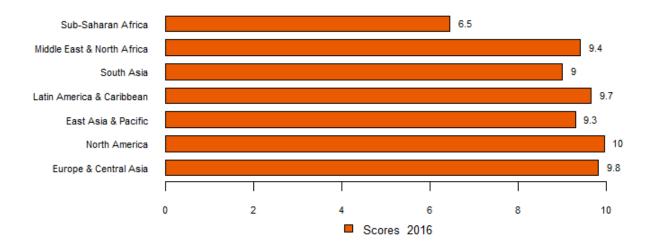
Indicator	People using at least basic drinking water services (% of population)
Source	Worldbank
Year of data	2016
Target	100%

Sufficient to Drink - world

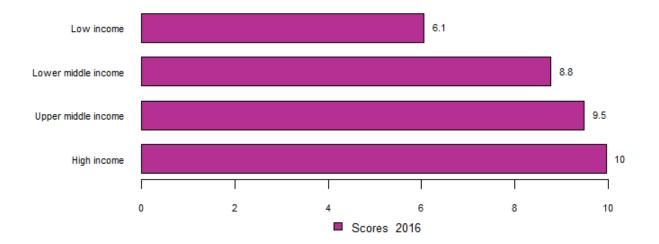




Sufficient to Drink - by regions*



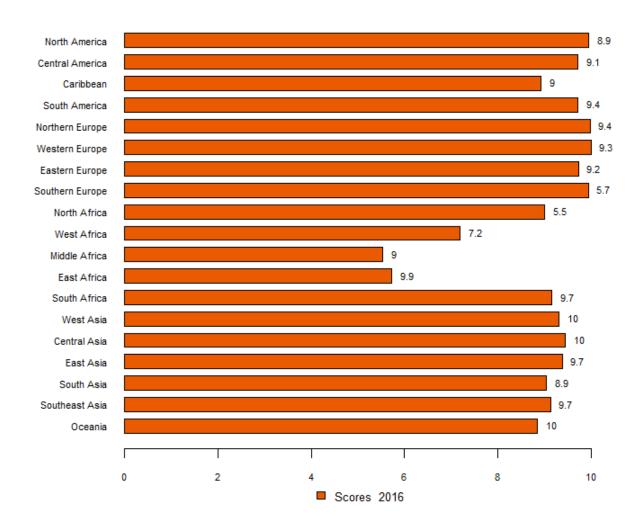
Sufficient to Drink - by income class*



*Worldbank 2016 definition

Technology Arts Sciences TH Köln

Indicator Descriptions Data Set 2016



Sufficient to Drink - by regions(1)

(1)UN 2016 definition

Technology Arts Sciences TH Köln

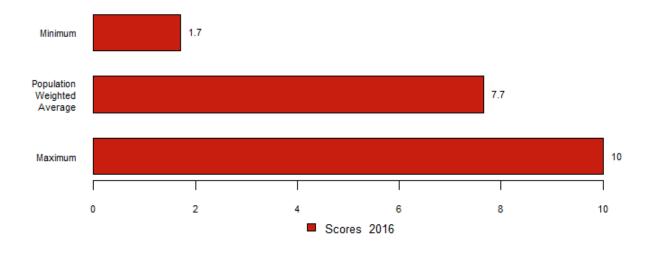
Indicator Descriptions Data Set 2016

Indicator 3 - Safe Sanitation

The percentage of people using at least basic sanitation services, that is, improved sanitation facilities that are not shared with other households. This indicator encompasses both people using basic sanitation services as well as those using safely managed sanitation services. Improved sanitation facilities include flush/pour flush to piped sewer systems, septic tanks or pit latrines; ventilated improved pit latrines, compositing toilets or pit latrines with slabs.

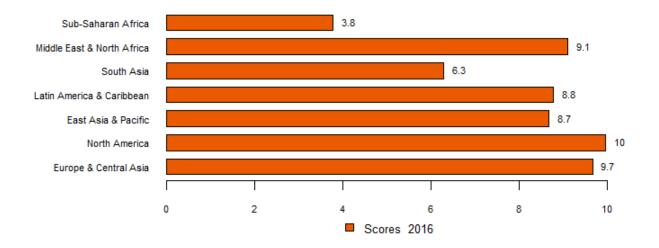
Indicator	People using at least basic sanitation services (% of population)	
Source	Worldbank	
Year of data	2016	
Target	100%	

Safe Sanitation - world





Safe Sanitation - by regions*



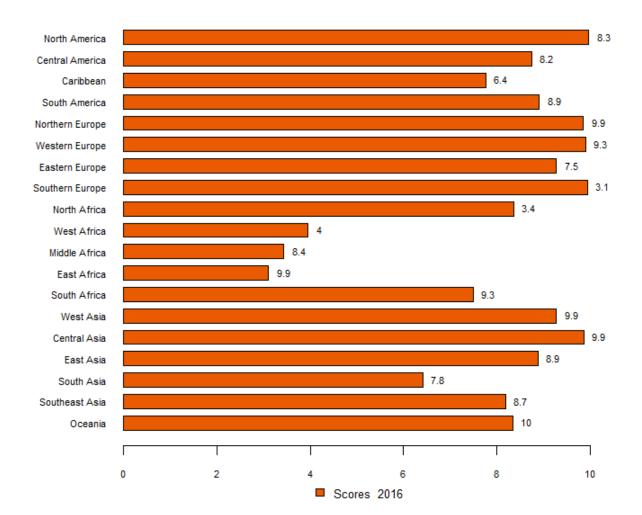
Safe Sanitation - by income class*



*Worldbank 2016 definition

TH Köln

TechnologyArts SciencesIndicator Descriptions Data Set 2016



Safe Sanitation - by regions(1)

(1)UN 2016 definition

Technology Arts Sciences TH Köln

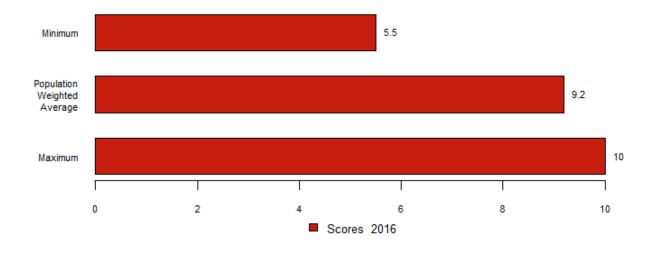
Indicator Descriptions Data Set 2016

Indicator 4 - Education

Total enrollment in primary and secondary education, regardless of age, expressed as a percentage of the total population of official primary and secondary education age. GER can exceed 100% due to the inclusion of over-aged and under-aged students because of early or late school entrance and grade repetition.

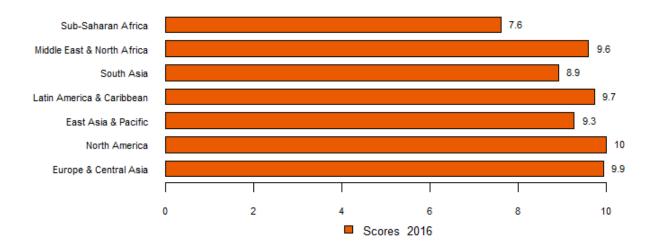
Indicator	Gross enrolment ratio, primary and secondary, both sexes (%)	
Source	Worldbank	
Year of data	2016	
Target	100%	

Education - world





Education - by regions*



Education - by income class*

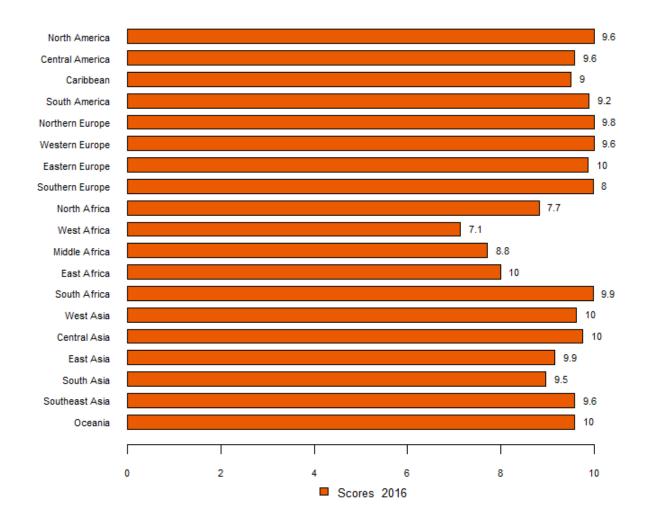


*Worldbank 2016 definition

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Indicator Descriptions Data Set 2016

Education - by regions(1)



(1)UN 2016 definition

Technology Arts Sciences TH Köln

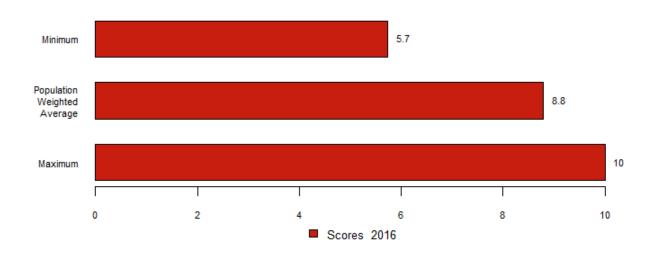
Indicator Descriptions Data Set 2016

Indicator 5 - Healthy Life

Life expectancy at birth indicates the number of years a newborn infant would live if prevailing patterns of mortality at the time of its birth were to stay the same throughout its life.

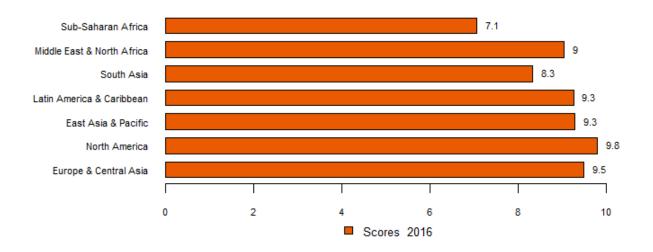
Indicator	Life expectancy at birth, total (years)
Source	Worldbank
Year of data	2016
Target	The actual maximum

Healthy Life - world

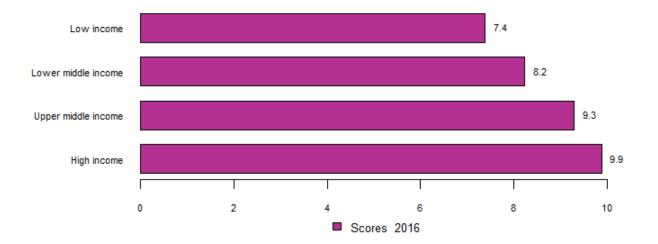




Healthy Life - by regions*



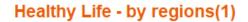
Healthy Life - by income class*

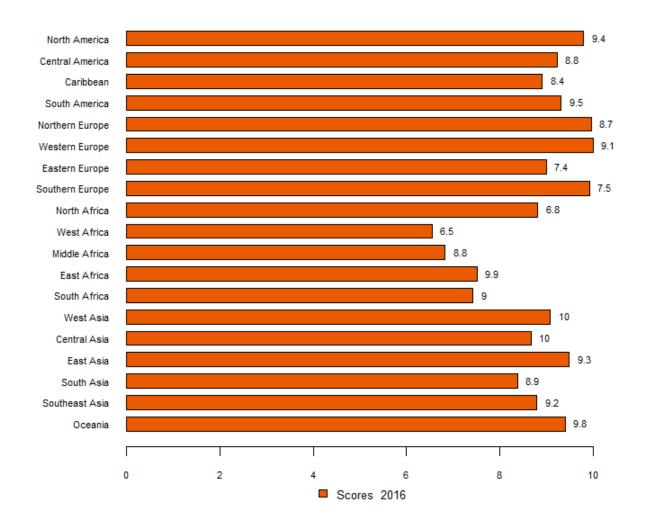


*Worldbank 2016 definition

Technology Arts Sciences TH Köln

Indicator Descriptions Data Set 2016





(1)UN 2016 definition

Technology Arts Sciences TH Köln

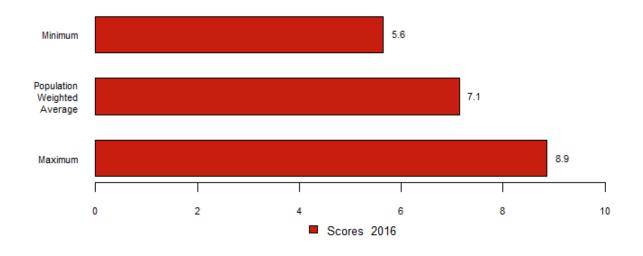
Indicator Descriptions Data Set 2016

Indicator 6 - Gender Equality

The Gender Gap Index, yearly published by World Economic Forum, is a comprehensive index, based on 14 indicators aggregated into 4 categories: 1. Economic participation and opportunity (salaries, participation levels and access to high-skilled employment). 2. Educational attainment (access to basic and higher level education). 3. Political empowerment (representation in decision-making structures). 1. 4. Health and survival (life expectancy and sex ratio).

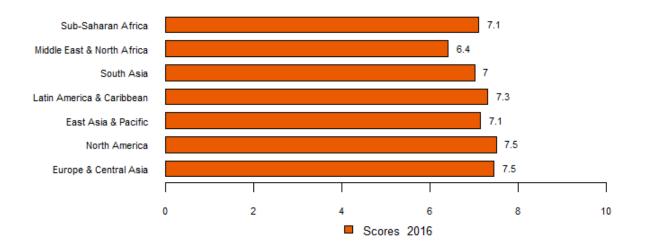
Indicator	Gender Gap Index
Source	World Economic Forum
Year of data	2016
Target	1 on the scale of 0 to 1

Gender Equality - world





Gender Equality - by regions*



Gender Equality - by income class*

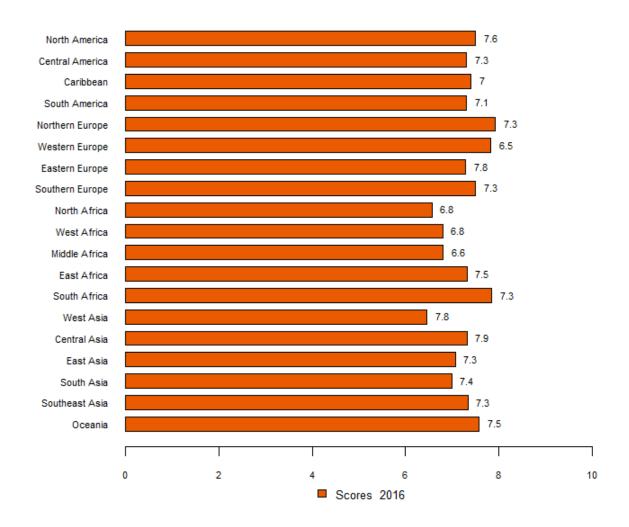


*Worldbank 2016 definition

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Indicator Descriptions Data Set 2016

Gender Equality - by regions(1)



(1)UN 2016 definition

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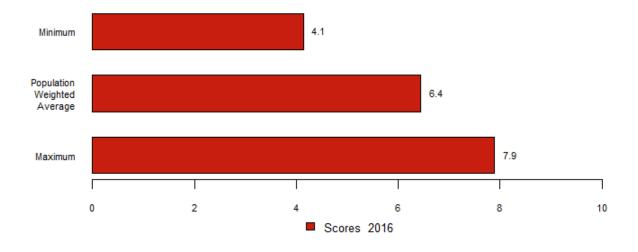
Indicator Descriptions Data Set 2016

Indicator 7 - Income Distribution

This indicator assesses the level of equality of the distribution between the people in a country. A low level of inequality is supposed to contribute to a stable society, whereas a high level of inequality provokes unrest or worse in a society.

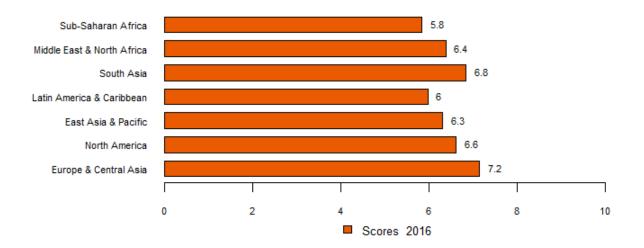
Indicator	gini_disp
Source	Standardized World Income Inequality Database (SWIID)
Year of data	2016
Target	The actual lowest ratio

Income Distribution - world





Income Distribution - by regions*



Income Distribution - by income class*

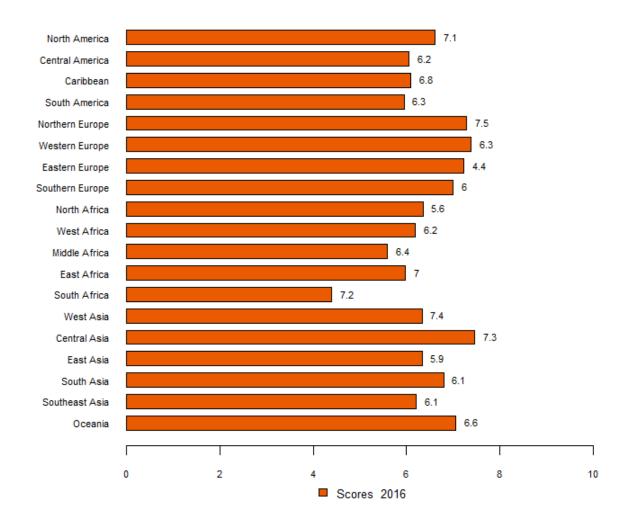


*Worldbank 2016 definition

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Indicator Descriptions Data Set 2016

Income Distribution - by regions(1)



(1)UN 2016 definition

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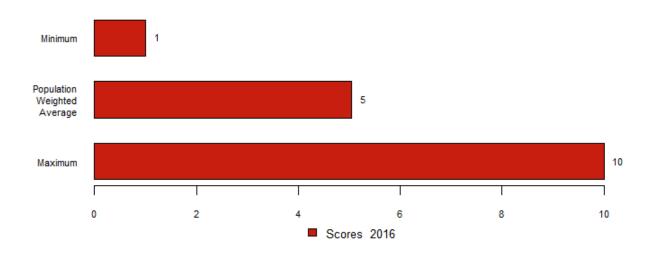
Indicator Descriptions Data Set 2016

Indicator 8 - Population Growth

Annual population growth rate. Population is based on the de facto definition of population, which counts all residents regardless of legal status or citizenship.

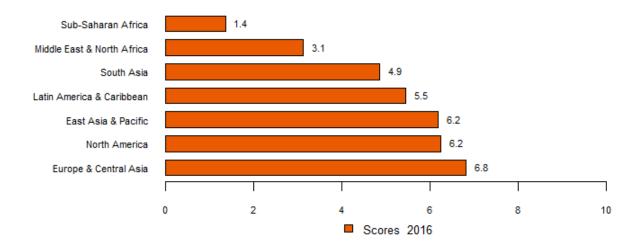
Indicator	Population growth (annual %)
Source	Worldbank
Year of data	2012-2016
Target	No further increase of population

Population Growth - world





Population Growth - by regions*



Population Growth - by income class*

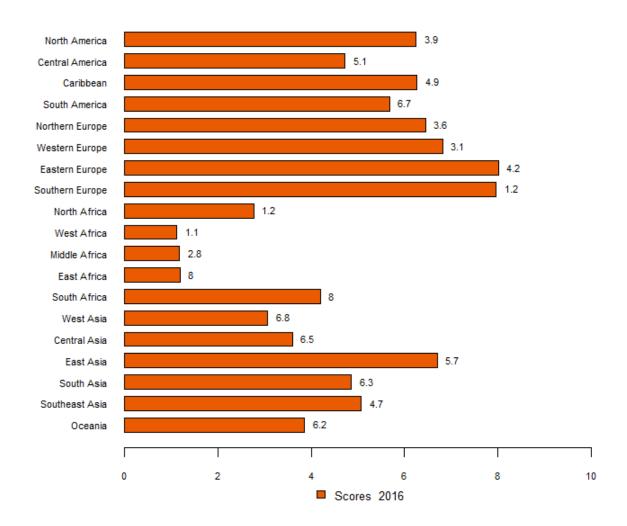


*Worldbank 2016 definition

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Indicator Descriptions Data Set 2016

Population Growth - by regions(1)



(1)UN 2016 definition

Technology Arts Sciences TH Köln

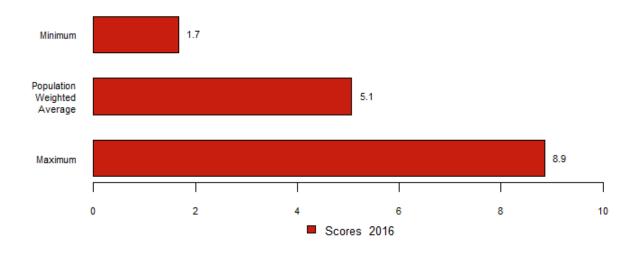
Indicator Descriptions Data Set 2016

Indicator 9 - Good Governance

Yearly the World Bank publishes the level of Good Governance, based on the assessment of six major issues: 1. Voice and Accountability, 2. Political Stability, 3. Government Effectiveness, 4. Regulatory Quality, 5. Rule of Law and 6. Control of Corruption. The World Bank uses a scale of +2.5 to -2.5 for each item, so by adding up one gets a scale of +15 to -15. For the SSI these six issues have been integrated into one indicator, expressing the level of Good Governance.

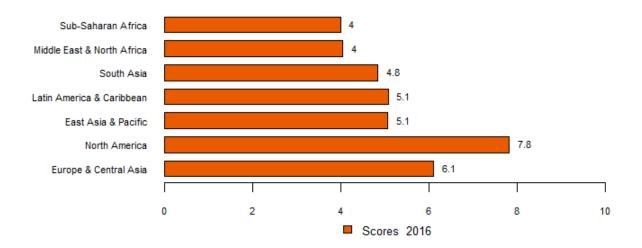
Indicator	Sum of the values of the six Worldwide Governance Indicators	
Source	Worldbank	
Year of data	2016	
Target	The maximum score corresponds with 15, on the World Bank scale of -15 to +15	

Good Governance - world

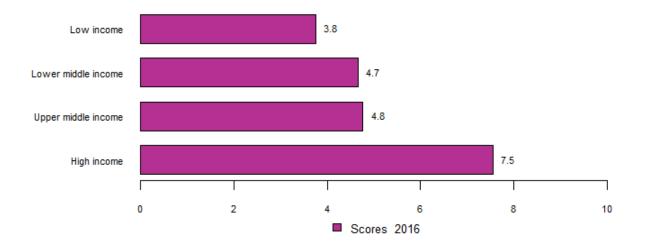




Good Governance - by regions*



Good Governance - by income class*

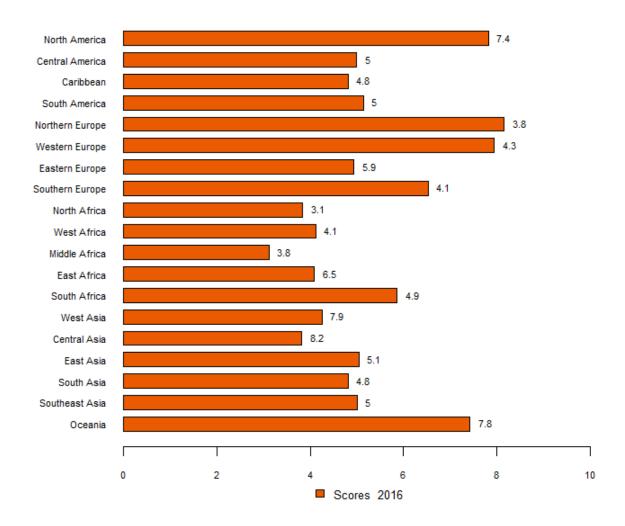


*Worldbank 2016 definition

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Indicator Descriptions Data Set 2016

Good Governance - by regions(1)



(1)UN 2016 definition

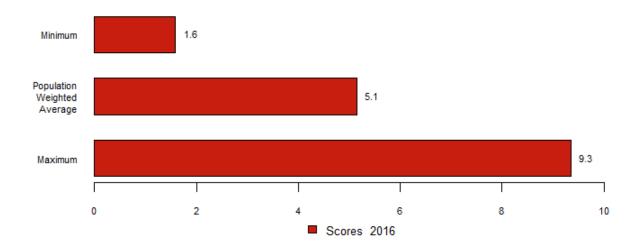
Technology Arts Sciences TH Köln

Indicator Descriptions Data Set 2016

Indicator 10 - Biodiversity

Biodiversity is expressed by six sub indicators: Terrestrial Biome Protection (National weights), Terrestrial Biome Protection (Global weights), Marine Protected Areas, Protected Areas Representativeness Index, Species Habitat Index and Species Protection Index

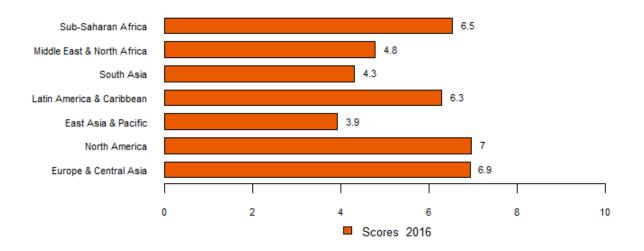
Indicator	Biodiversity & Habitat (BDH)
Source	Environmental Performance Index (EPI)
Year of data	2016
Target	100%



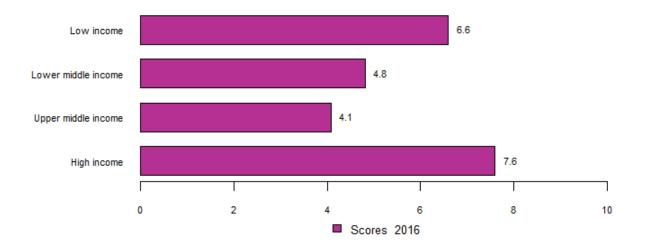
Biodiversity - world

Technology
Arts SciencesIndicator Descriptions Data Set 2016TH Köln

Biodiversity - by regions*



Biodiversity - by income class*

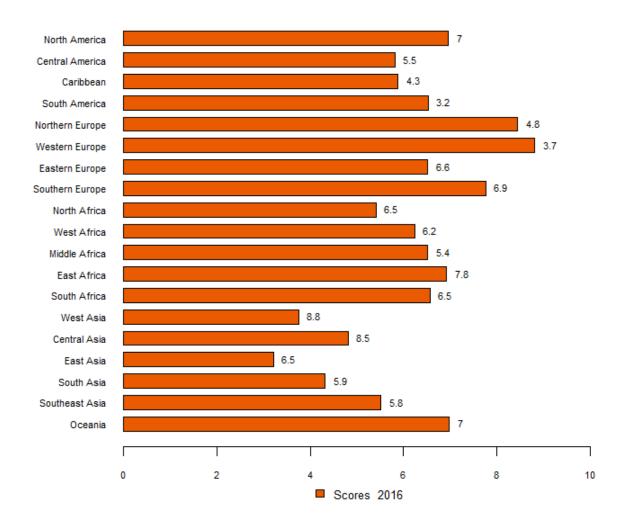


*Worldbank 2016 definition

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Indicator Descriptions Data Set 2016

Biodiversity - by regions(1)



(1)UN 2016 definition

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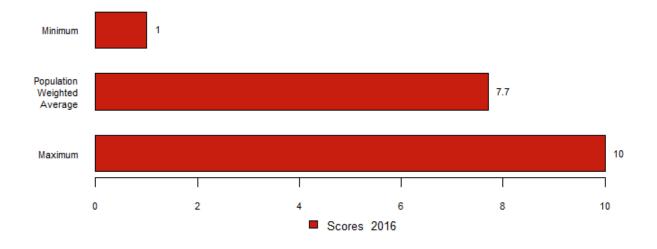
Indicator Descriptions Data Set 2016

Indicator 11 - Renewable Water Resources

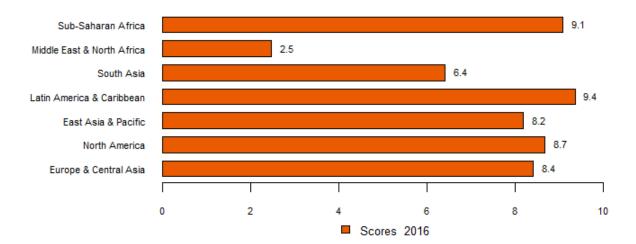
Total freshwater withdrawn in a given year, expressed in percentage of the total renewable water resources (TRWR). This parameter is an indication of the pressure on the renewable water resources. It was the Millennium Development Goal (MDG) Indicator 7.5, from which the Sustainable Development Goal (SDG) indicator 6.4.2 is derived with the introduction of Environmental Flow Requirements.

Indicator	MDG 7.5. Freshwater withdrawal as % of total renewable water resources	
Source	FAO	
Year of data	2013-2017	
Target	No specific target has been formulated	

Renewable Water Resources - world







Renewable Water Resources - by regions*

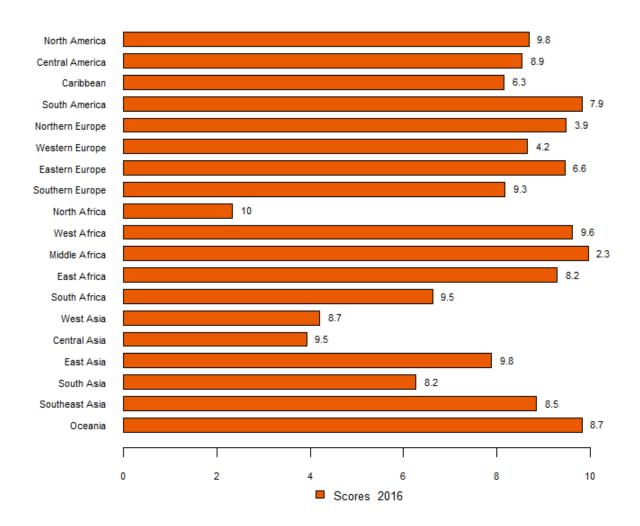
Renewable Water Resources - by income class*



*Worldbank 2016 definition

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Indicator Descriptions Data Set 2016



Renewable Water Resources - by regions(1)

(1)UN 2016 definition

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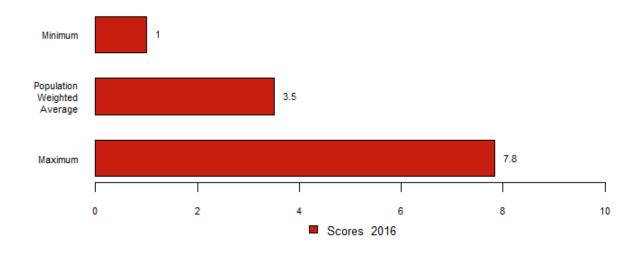
Indicator Descriptions Data Set 2016

Indicator 12 - Consumption

As a proxy for consumption the Ecological Footprint has been used which is a measure of how much area of biologically productive land and water an individual, population, or activity requires to produce all the resources it consumes and to absorb the waste it generates, using prevailing technology and resource management practices.

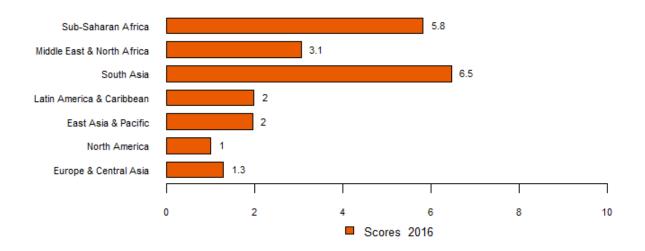
Indicator	Ecological Footprint (gha per person)
Source	Global Footprint Network
Year of data	2016
Target	0.9 gha (global hectares)

Consumption - world

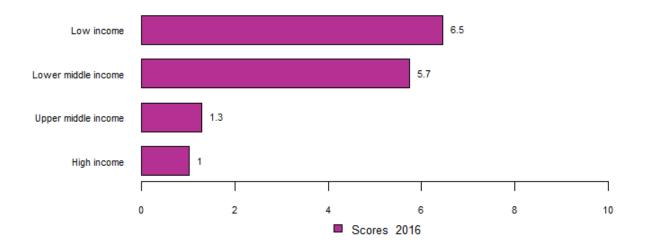




Consumption - by regions*



Consumption - by income class*

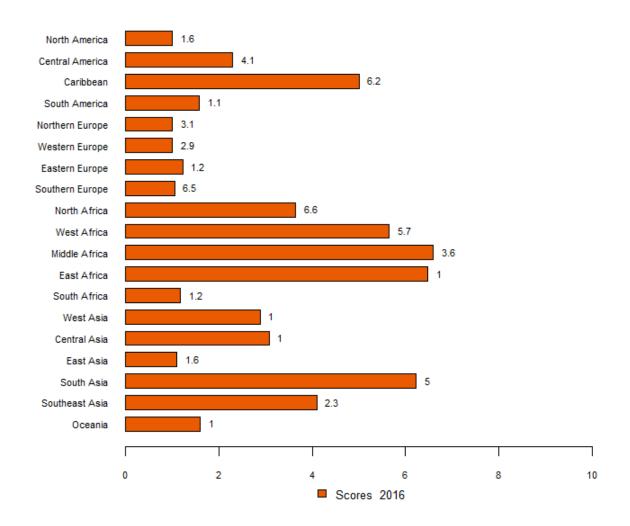


*Worldbank 2016 definition

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Indicator Descriptions Data Set 2016

Consumption - by regions(1)



(1)UN 2016 definition

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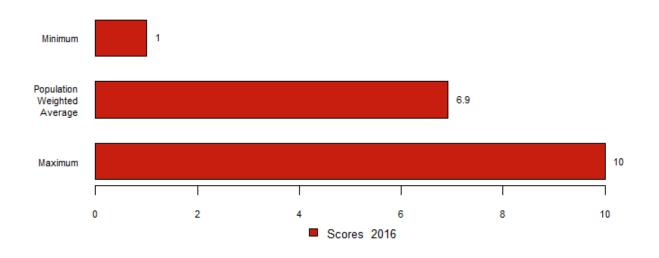
Indicator Descriptions Data Set 2016

Indicator 13 - Energy Use

Total energy consumption includes the consumption of petroleum, dry natural gas, coal, net nuclear, hydroelectric, and non-hydroelectric renewable electricity.

Indicator	Consumption (Total) in MTOE
Source	EIA
Year of data	2016
Target	No special target

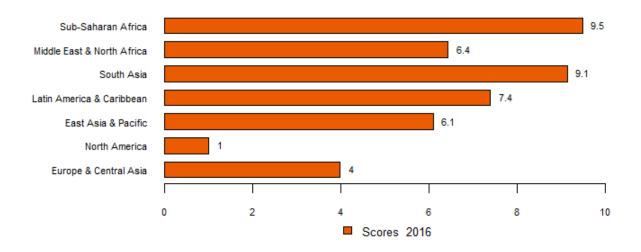
Energy Use - world





Indicator Descriptions Data Set 2016

Energy Use - by regions*



Energy Use - by income class*

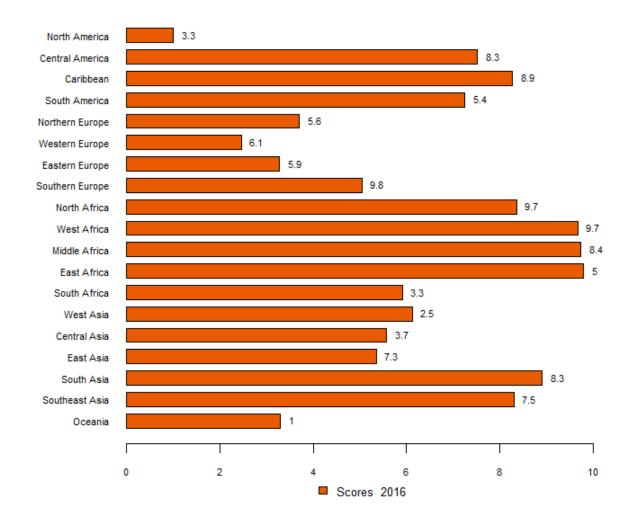


*Worldbank 2016 definition

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Indicator Descriptions Data Set 2016

Energy Use - by regions(1)



(1)UN 2016 definition

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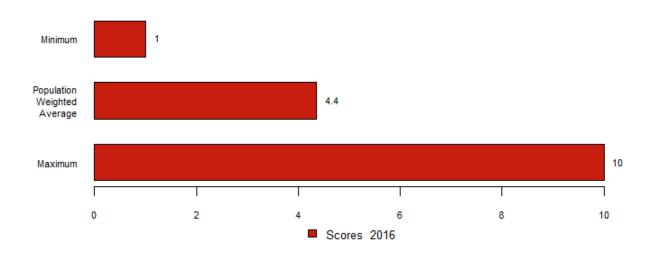
Indicator Descriptions Data Set 2016

Indicator 14 - Energy Savings

In many places and regions around the world targets are set to reduce the consumption of energy. The results of energy use reduction plans and activities can be monitored by this indicator.

Indicator	Change in energy usage within five years in %
Source	EIA
Year of data	2012-2016
Target	No special target

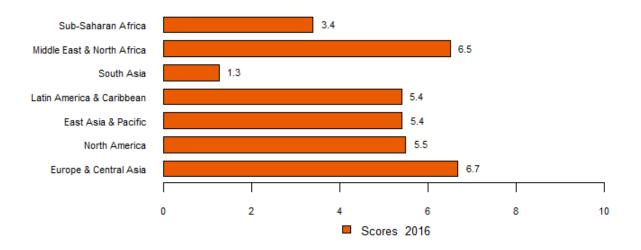
Energy Savings - world





Indicator Descriptions Data Set 2016

Energy Savings - by regions*



Energy Savings - by income class*

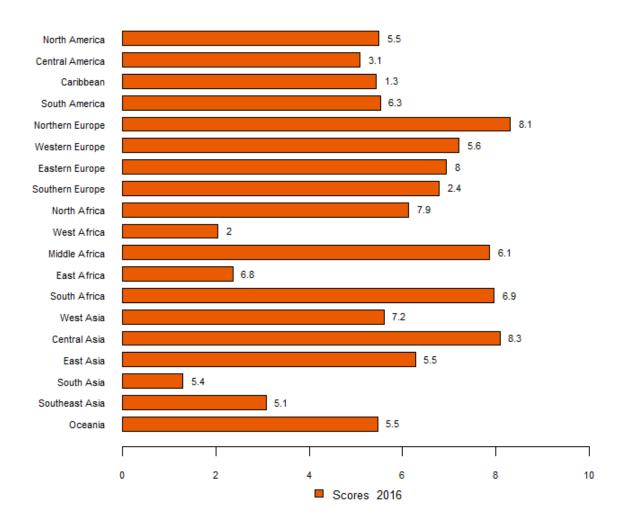


*Worldbank 2016 definition

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Indicator Descriptions Data Set 2016





(1)UN 2016 definition

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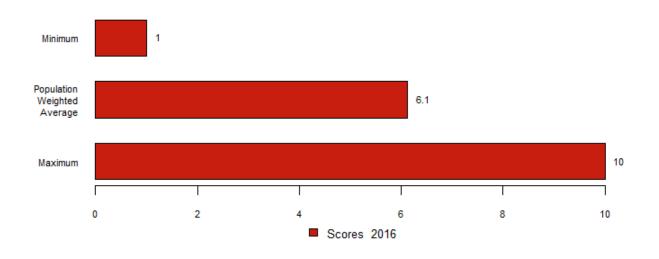
Indicator Descriptions Data Set 2016

Indicator 15 - Greenhouse Gases

This indicator uses the common measure for Emission of Greenhouse Gases (GHG): the amount of emitted CO2. Thus other GHG emissions, like CH4, N2O, HFCs, PFCs and SF6, are not included.

Indicator	CO2 per capita
Source	IEA
Year of data	2016
Target	≤ 2 ton CO2 per capita per year

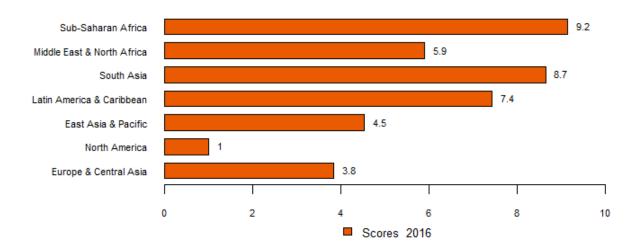
Greenhouse Gases - world





Indicator Descriptions Data Set 2016

Greenhouse Gases - by regions*



Greenhouse Gases - by income class*

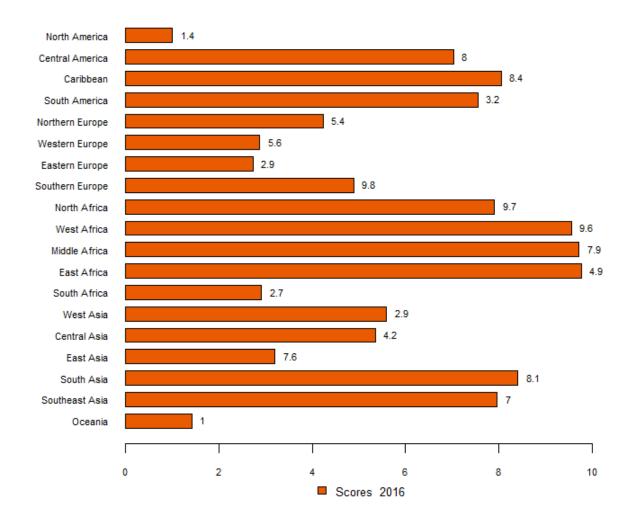


*Worldbank 2016 definition

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Indicator Descriptions Data Set 2016

Greenhouse Gases - by regions(1)



(1)UN 2016 definition

Technology Arts Sciences TH Köln

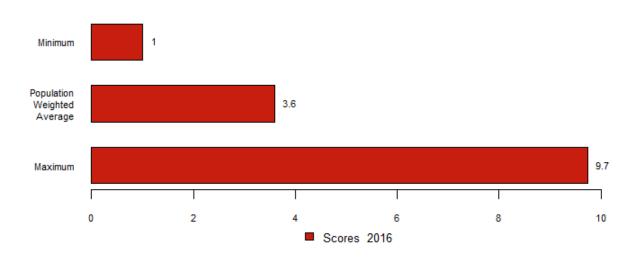
Indicator Descriptions Data Set 2016

Indicator 16 - Renewable Energy

Renewable energy consumption is the share of renewables energy in total final energy consumption.

Indicator	Renewable energy consumption (% of total final energy consumption)
Source	Worldbank
Year of data	2016
Target	100%

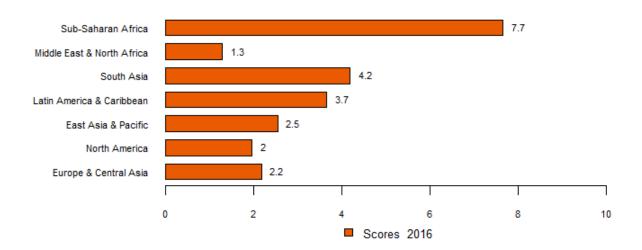
Renewable Energy - world



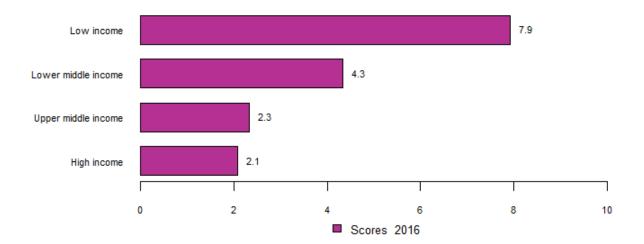


Indicator Descriptions Data Set 2016

Renewable Energy - by regions*



Renewable Energy - by income class*

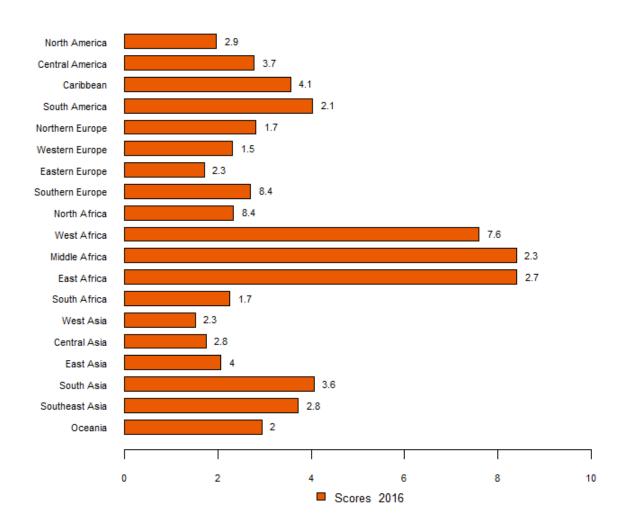


*Worldbank 2016 definition

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Indicator Descriptions Data Set 2016

Renewable Energy - by regions(1)



(1)UN 2016 definition

Technology Arts Sciences TH Köln

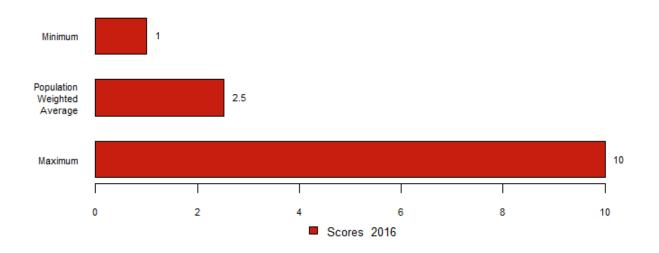
Indicator Descriptions Data Set 2016

Indicator 17 - Organic Farming

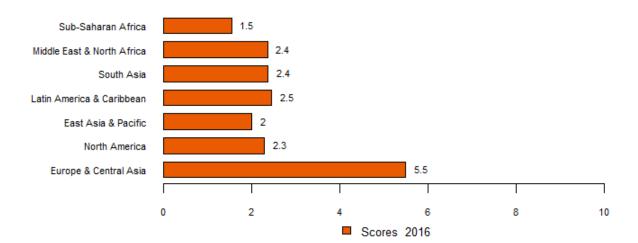
Organic Farming is expressed by the area of fully converted and in-conversion organically cultivated land as the percentage of total agricultural area.

Indicator	Organic area share of total farmland [%]
Source	FiBL
Year of data	2016
Target	20%









Organic Farming - by regions*



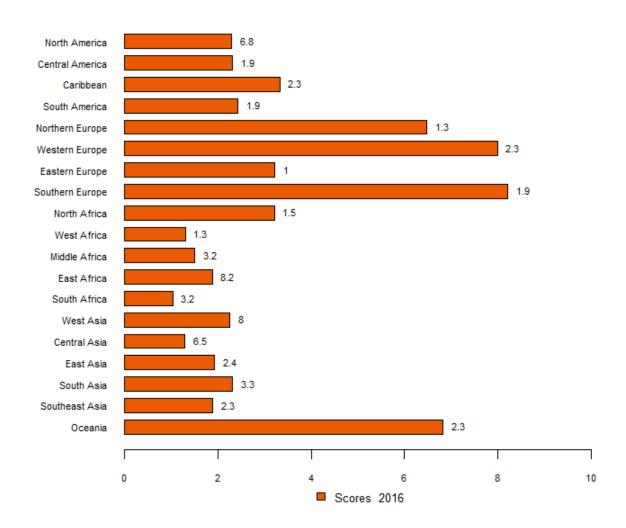


*Worldbank 2016 definition

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Indicator Descriptions Data Set 2016

Organic Farming - by regions(1)



(1)UN 2016 definition

Technology Arts Sciences TH Köln

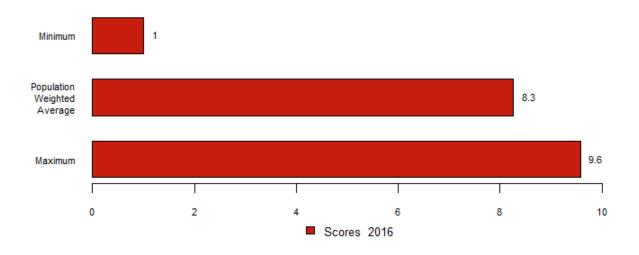
Indicator Descriptions Data Set 2016

Indicator 18 - Genuine Savings

Adjusted net savings are equal to net national savings plus education expenditure and minus energy depletion, mineral depletion, net forest depletion, and carbon dioxide and particulate emissions damage.

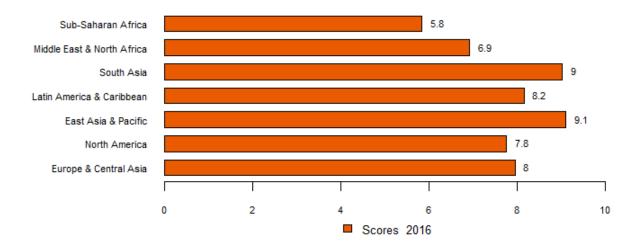
Indicator	Adjusted net savings, including particulate emission damage (% of GNI)
Source	Worldbank
Year of data	2016
Target	No special target

Genuine Savings - world

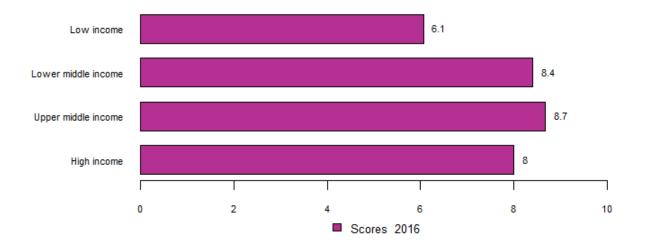




Genuine Savings - by regions*



Genuine Savings - by income class*

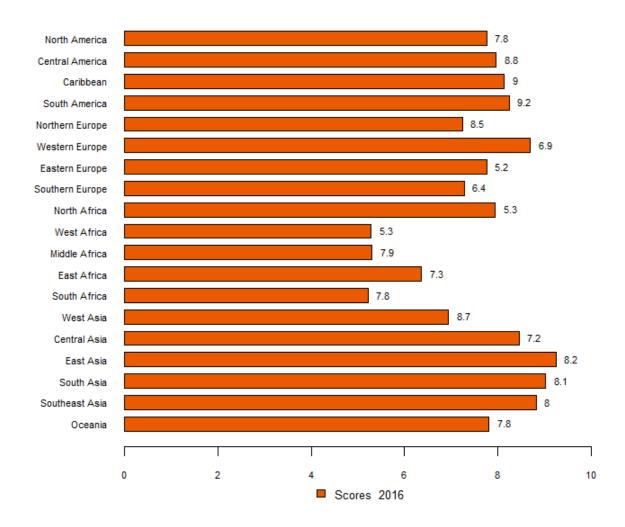


*Worldbank 2016 definition

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Indicator Descriptions Data Set 2016





(1)UN 2016 definition

Technology Arts Sciences TH Köln

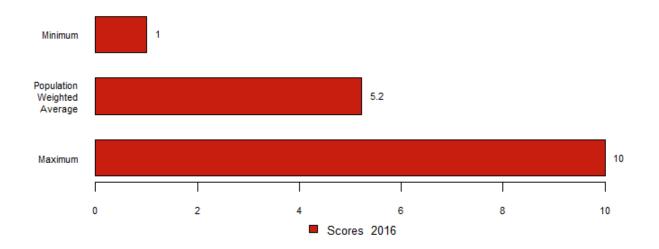
Indicator Descriptions Data Set 2016

Indicator 19 - GDP

This indicator provides per capita values for gross domestic product (GDP) expressed in current international dollars converted by purchasing power parity (PPP) conversion factor. GDP is the sum of gross value added by all resident producers in the country plus any product taxes and minus any subsidies not included in the value of the products. conversion factor is a spatial price deflator and currency converter that controls for price level differences between countries. Total population is a mid-year population based on the de facto definition of population, which counts all residents regardless of legal status or citizenship.

Indicator	GDP per capita, PPP (current international \$)
Source	Worldbank
Year of data	2016
Target	No special target

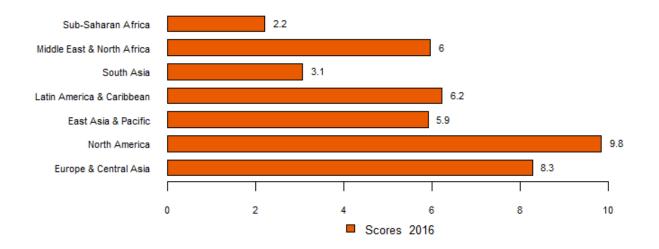
GDP - world





Indicator Descriptions Data Set 2016

GDP - by regions*



GDP - by income class*

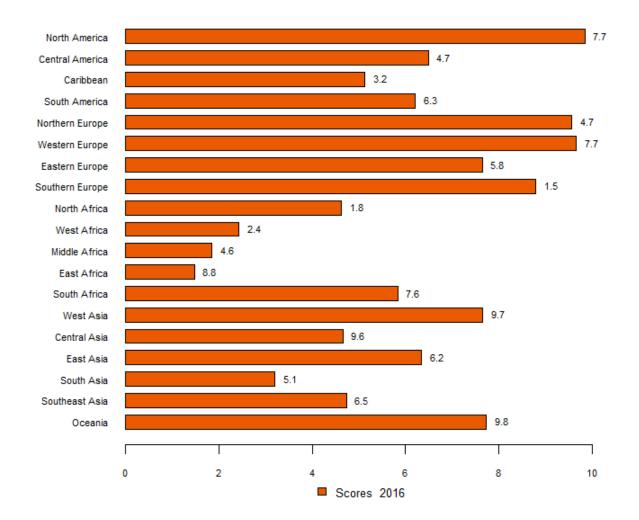


*Worldbank 2016 definition

Technology Arts Sciences TH Köln

Indicator Descriptions Data Set 2016

GDP - by regions(1)



(1)UN 2016 definition

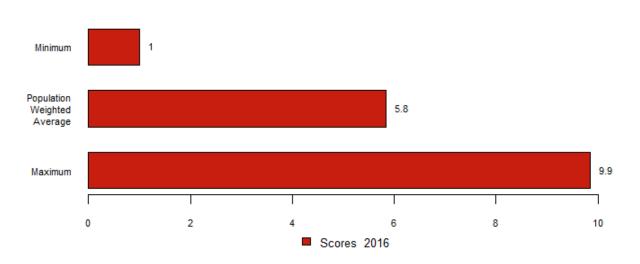
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Indicator Descriptions Data Set 2016

Indicator 20 - Employment

Unemployment refers to the share of the labor force that is without work but available for and seeking employment.

Indicator	Unemployment, total (% of total labor force) (modeled ILO estimate)
Source	Worldbank
Year of data	2016
Target	0% unemployed people

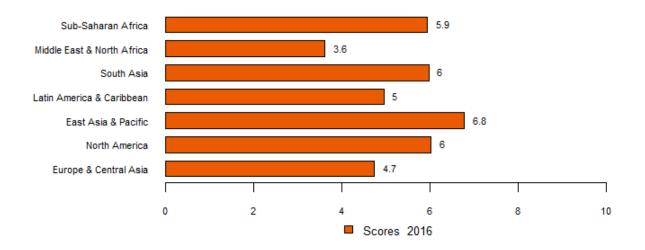


Employment - world

Technology	
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TH Köln	

Indicator Descriptions Data Set 2016

Employment - by regions*



Employment - by income class*

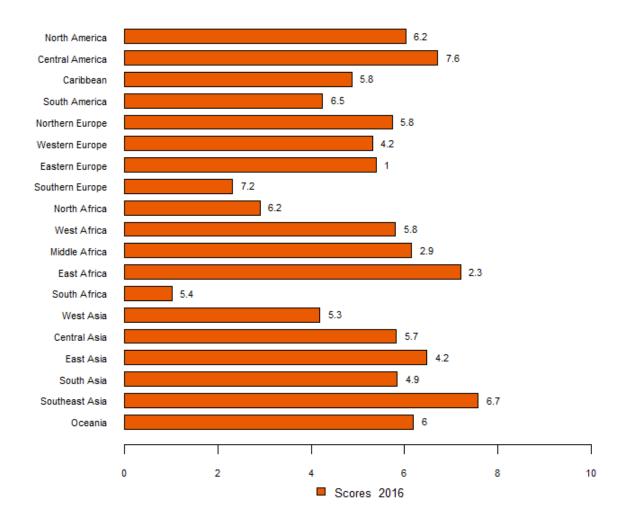


*Worldbank 2016 definition

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Indicator Descriptions Data Set 2016

Employment - by regions(1)



(1)UN 2016 definition

Technology Arts Sciences TH Köln

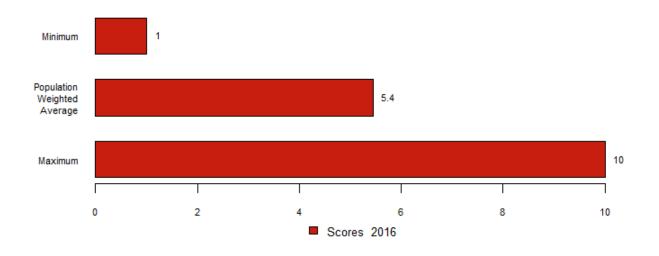
Indicator Descriptions Data Set 2016

Indicator 21 - Public Debt

All liabilities that require future payment of interest and/or principal by the debtor to the creditor. This includes debt liabilities in the form of special drawing rights, currency, and deposits; debt securities; loans; insurance, pension, and standardized guarantee programs; and other accounts payable.

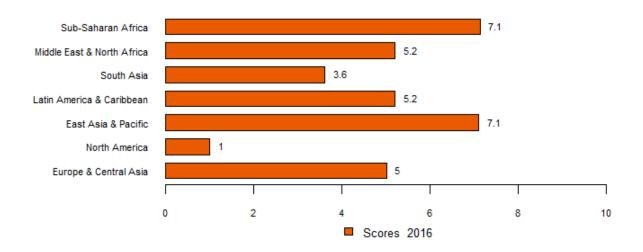
Indicator	Gross Debt
Source	International Monetary Fond (IMF)
Year of data	2016
Target	2.5 % of GDP







Public Debt - by regions*



Public Debt - by income class*

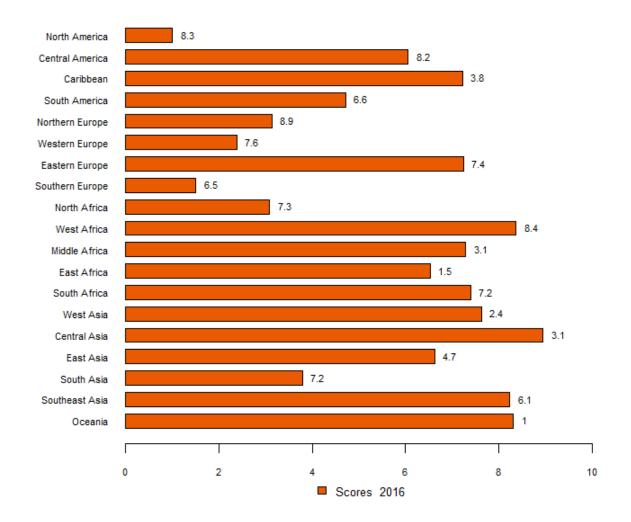


*Worldbank 2016 definition

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Indicator Descriptions Data Set 2016

Public Debt - by regions(1)



(1)UN 2016 definition

Technology Arts Sciences TH Köln

Indicator Descriptions Data Set 2016