Country Profile

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Zambia

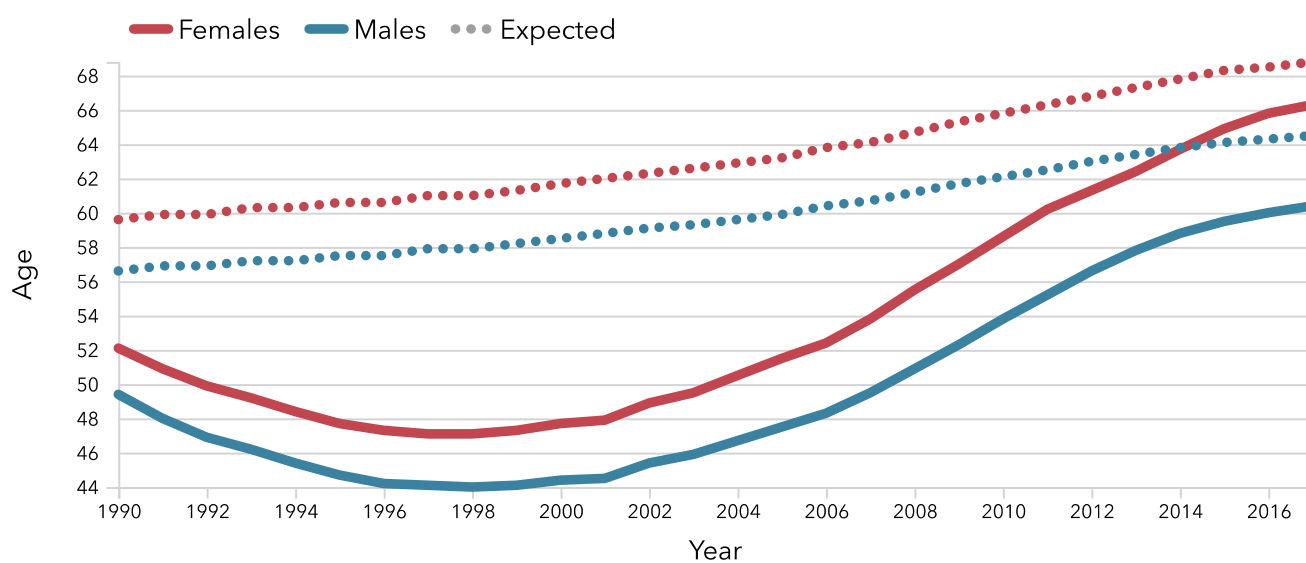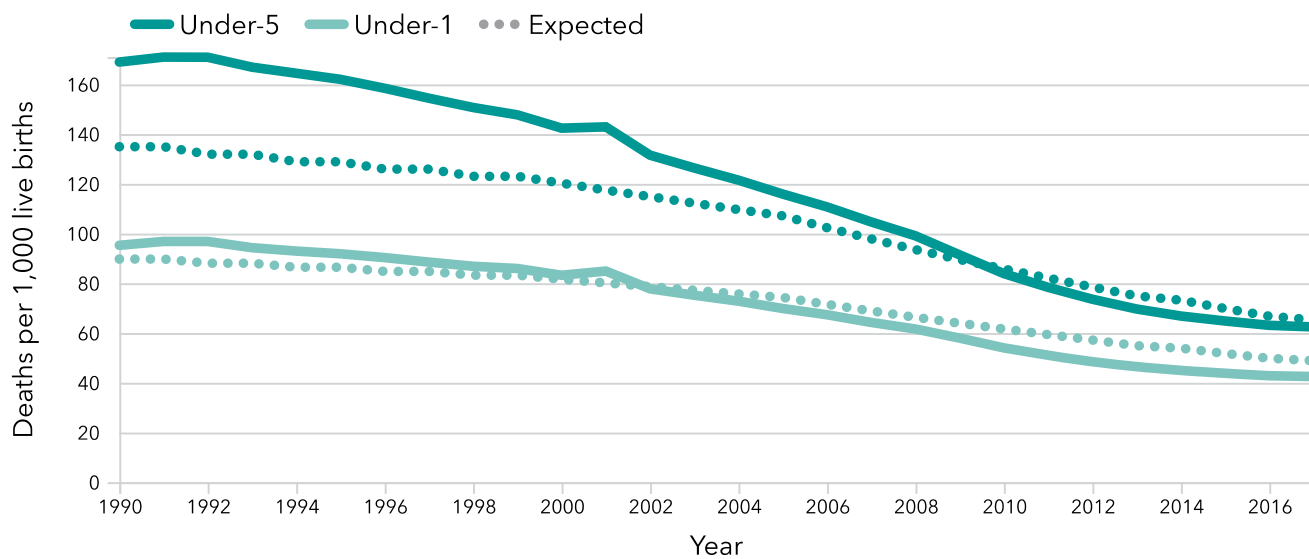| 2017 population	2017 per capita GDP	2017 fertility rate	2017 educational attainment (years)
17.4M	$3,643	4.7	7.2

How long do people live?

	Expected		Observed	
	1990	2017	1990	2017
Females	59.6	68.8	52.1	66.3
Males	56.6	64.5	49.4	60.4

Life expectancy, 1990-2017

What is the mortality trend in the under-5 and under-1 age groups?

	Expected		Observed	
	1990	2017	1990	2017
Under-5	134.9	65.3	169.0	62.5
Under-1	89.7	48.9	95.3	42.5

Child mortality, 1990-2017

What causes the most deaths?

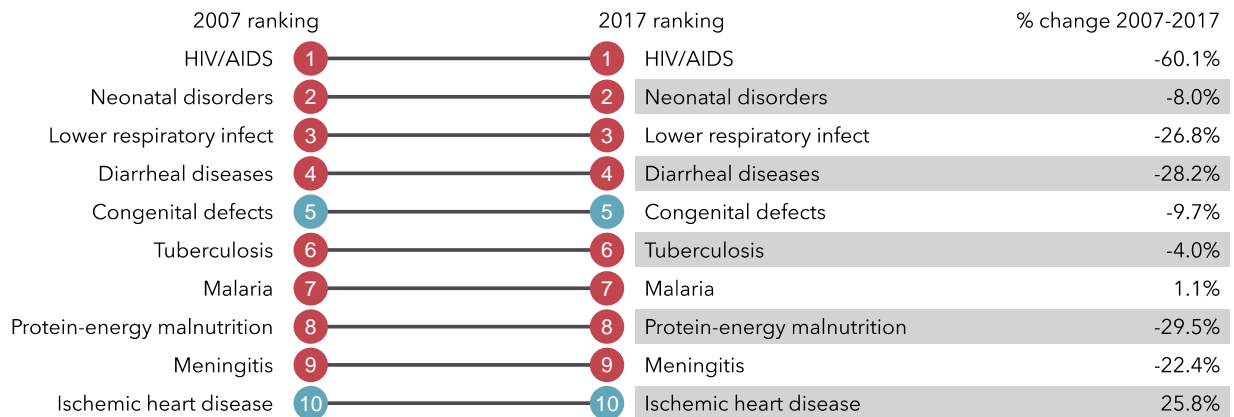| 2007 ranking		2017 ranking	% change 2007-2017
HIV/AIDS	1 — 1	HIV/AIDS	-63.1%
Neonatal disorders	2 — 2	Neonatal disorders	-8.0%
Lower respiratory infect	3 — 3	Lower respiratory infect	-14.5%
Diarrheal diseases	4	4	Tuberculosis	3.3%
Tuberculosis	5	5	Diarrheal diseases	-18.4%
Congenital defects	6	6	Ischemic heart disease	26.2%
Ischemic heart disease	7	7	Malaria	6.1%
Malaria	8	8	Stroke	27.2%
Protein-energy malnutrition	9	9	Congenital defects	-9.5%
Stroke	10	10	Cirrhosis	34.6%
Cirrhosis	12	11	Protein-energy malnutrition	-24.3%

Top 10 causes of death in 2017 and percent change, 2007-2017, all ages, number

What causes the most premature death?

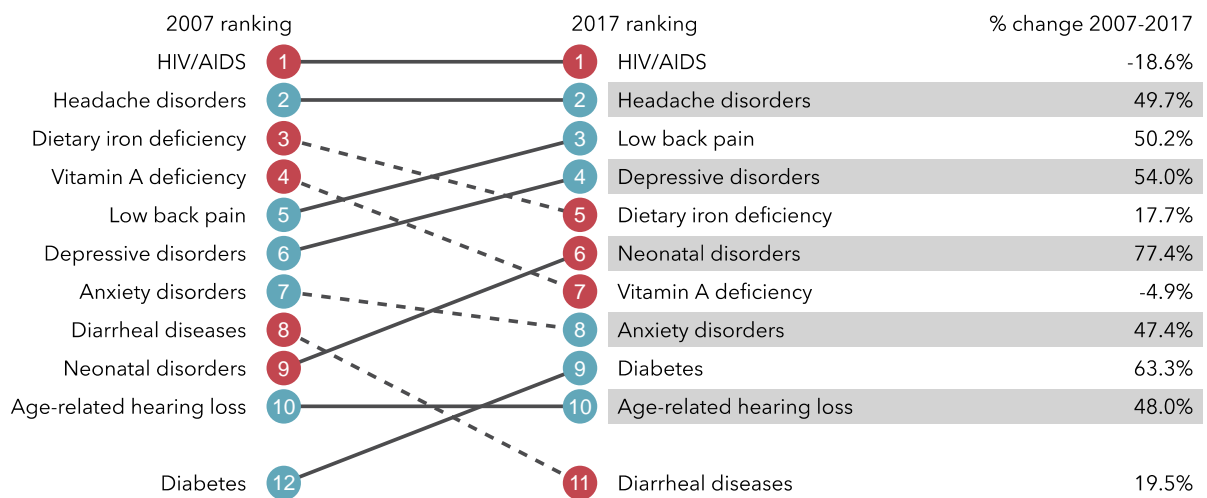- 🔴 Communicable, maternal, neonatal, and nutritional diseases
- 🔵 Non-communicable diseases
- 🟢 Injuries

2007 ranking			2017 ranking	% change 2007-2017
HIV/AIDS	1	1	HIV/AIDS	-60.1%
Neonatal disorders	2	2	Neonatal disorders	-8.0%
Lower respiratory infect	3	3	Lower respiratory infect	-26.8%
Diarrheal diseases	4	4	Diarrheal diseases	-28.2%
Congenital defects	5	5	Congenital defects	-9.7%
Tuberculosis	6	6	Tuberculosis	-4.0%
Malaria	7	7	Malaria	1.1%
Protein-energy malnutrition	8	8	Protein-energy malnutrition	-29.5%
Meningitis	9	9	Meningitis	-22.4%
Ischemic heart disease	10	10	Ischemic heart disease	25.8%

Top 10 causes of years of life lost (YLLs) in 2017 and percent change, 2007-2017, all ages, number
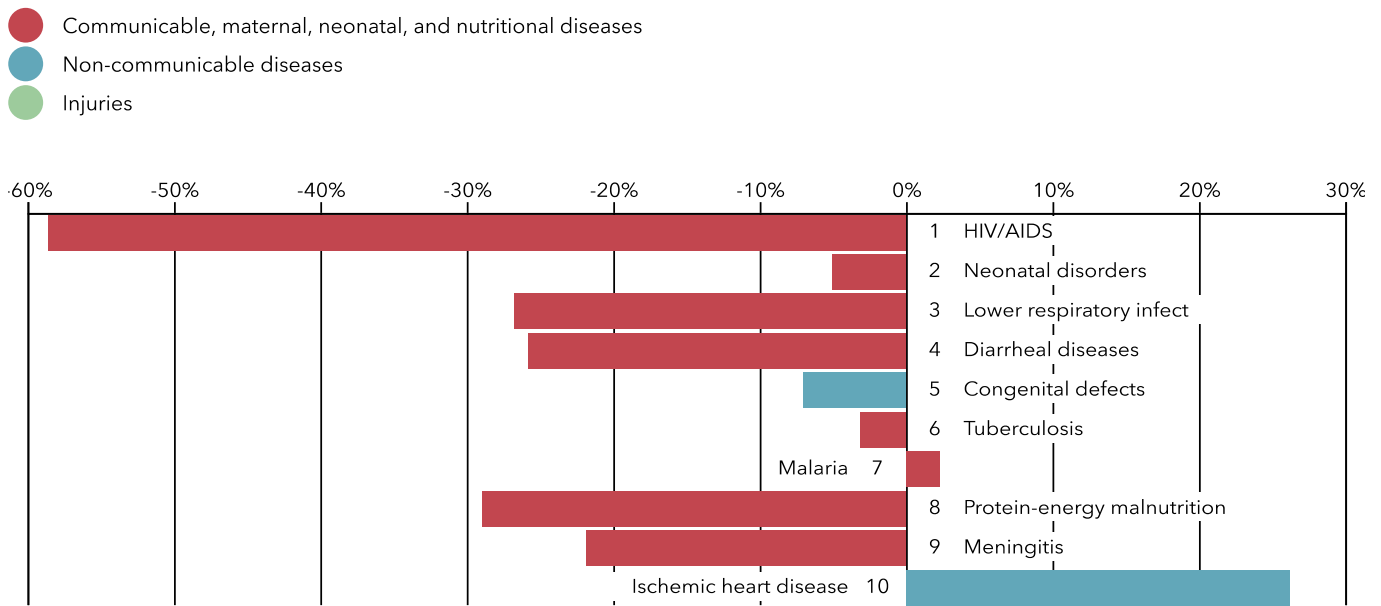
What health problems cause the most disability?

- 🔴 Communicable, maternal, neonatal, and nutritional diseases
- 🔵 Non-communicable diseases
- 🟢 Injuries

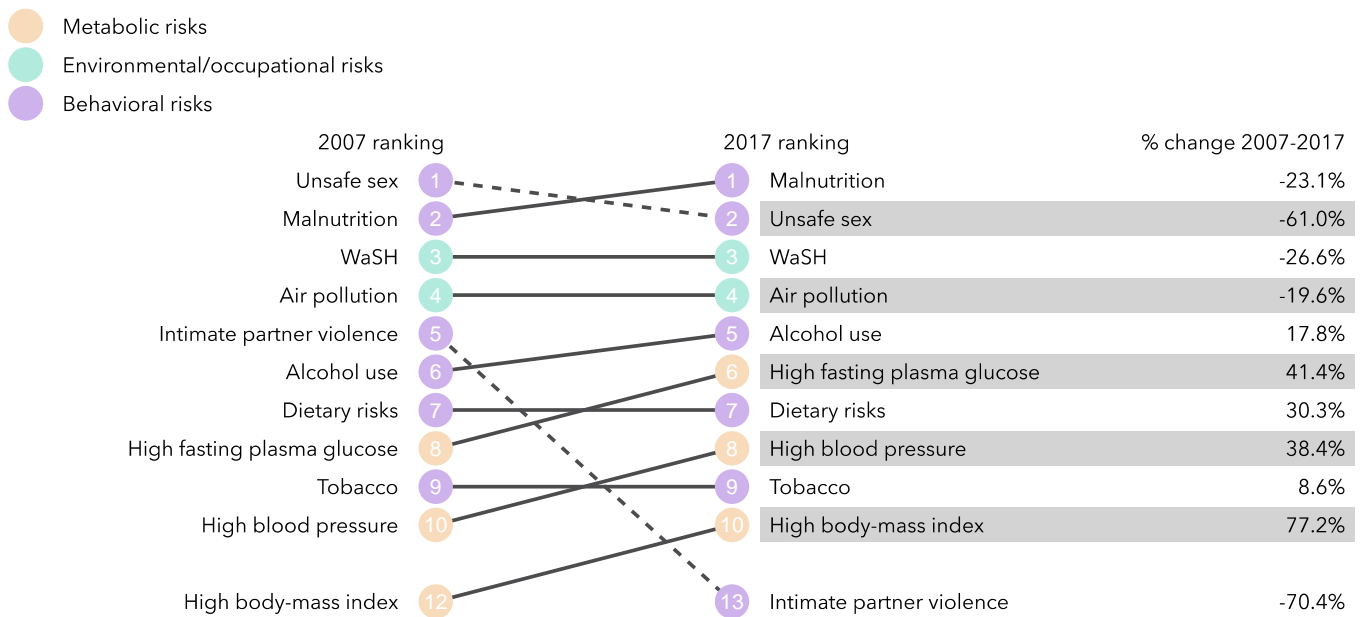| 2007 ranking			2017 ranking	% change 2007-2017
HIV/AIDS	1	1	HIV/AIDS	-18.6%
Headache disorders	2	2	Headache disorders	49.7%
Dietary iron deficiency	3	3	Low back pain	50.2%
Vitamin A deficiency	4	4	Depressive disorders	54.0%
Low back pain	5	5	Dietary iron deficiency	17.7%
Depressive disorders	6	6	Neonatal disorders	77.4%
Anxiety disorders	7	7	Vitamin A deficiency	-4.9%
Diarrheal diseases	8	8	Anxiety disorders	47.4%
Neonatal disorders	9	9	Diabetes	63.3%
Age-related hearing loss	10	10	Age-related hearing loss	48.0%
Diabetes	12	11	Diarrheal diseases	19.5%

Top 10 causes of years lived with disability (YLDs) in 2017 and percent change, 2007-2017, all ages, number

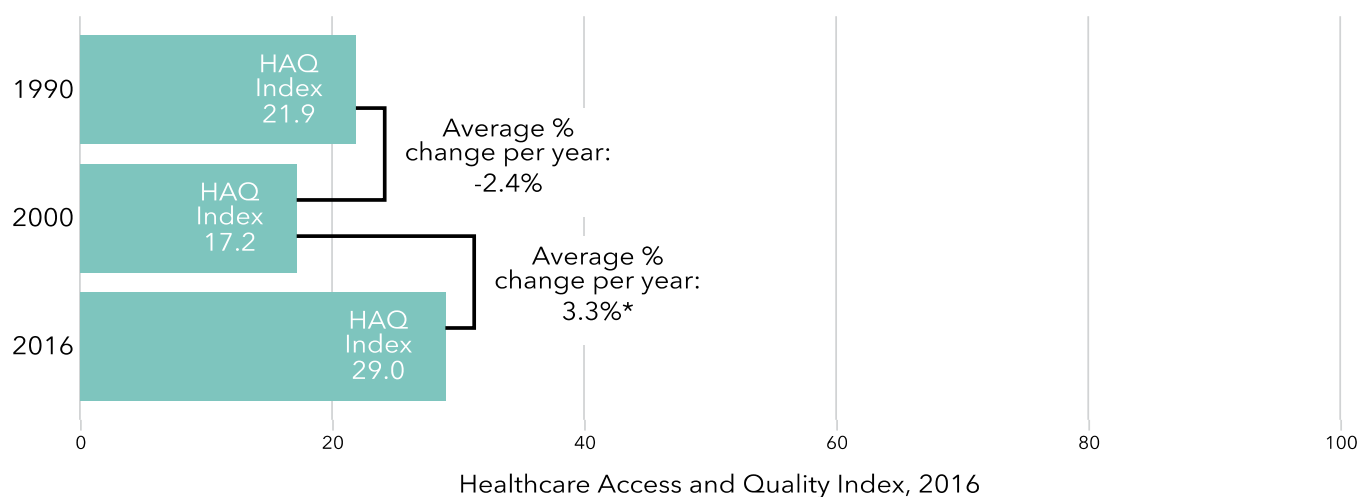# What causes the most death and disability combined?

● Communicable, maternal, neonatal, and nutritional diseases
● Non-communicable diseases
● Injuries

Rank	Cause
1	HIV/AIDS
2	Neonatal disorders
3	Lower respiratory infect
4	Diarrheal diseases
5	Congenital defects
6	Tuberculosis
7	Malaria
8	Protein-energy malnutrition
9	Meningitis
10	Ischemic heart disease

Top 10 causes of disability-adjusted life years (DALYs) in 2017 and percent change, 2007-2017, all ages, number

What risk factors drive the most death and disability combined?

● Metabolic risks
● Environmental/occupational risks
● Behavioral risks

2007 ranking		2017 ranking	% change 2007-2017
Unsafe sex	1 → 1	Malnutrition	-23.1%
Malnutrition	2 → 2	Unsafe sex	-61.0%
WaSH	3 → 3	WaSH	-26.6%
Air pollution	4 → 4	Air pollution	-19.6%
Intimate partner violence	5 → 5	Alcohol use	17.8%
Alcohol use	6 → 6	High fasting plasma glucose	41.4%
Dietary risks	7 → 7	Dietary risks	30.3%
High fasting plasma glucose	8 → 8	High blood pressure	38.4%
Tobacco	9 → 9	Tobacco	8.6%
High blood pressure	10 → 10	High body-mass index	77.2%
High body-mass index	12 → 13	Intimate partner violence	-70.4%

Top 10 risks contributing to DALYs in 2017 and percent change, 2007-2017, all ages, number

How does personal healthcare access and quality measure up?

1990 — HAQ Index 21.9

2000 — HAQ Index 17.2

Average % change per year: -2.4%

2016 — HAQ Index 29.0

Average % change per year: 3.3%*

Healthcare Access and Quality Index, 2016

Stars indicate the average rate of change was statistically significant for that time period.

Source: bit.ly/HAQ-GBD2016

The Healthcare Access and Quality (HAQ) Index provides a summary measure of healthcare access and quality for a given location. This measure is based on risk-standardized mortality rates or mortality-to-incidence ratios from causes that, in the presence of quality healthcare, should not result in death – also known as amenable mortality.

How much is spent on health -- now, and in the future -- and from which sources?

● Prepaid private spending
● Out-of-pocket spending
● Government health spending
● Development assistance for health

2018 USD per person

2016 — Total: $64
- $4
- $8
- $24
- $28

2050 — Expected total: $106
- $7
- $11
- $46
- $71
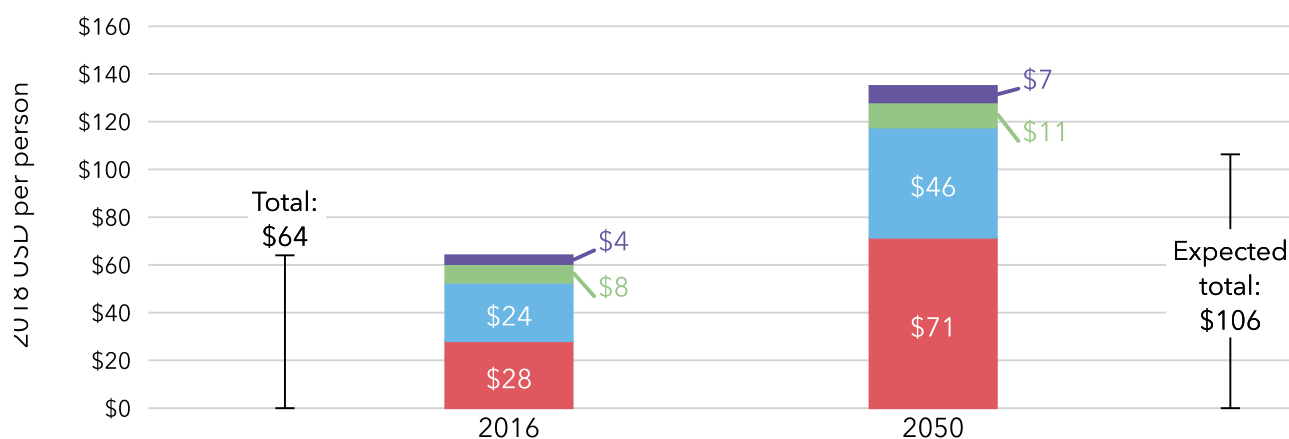
Source: Financing Global Health Database 2018

"Expected" is the future growth trajectory based on past growth.

How do causes of premature death compare to those in other locations?

This table shows the top 10 causes of premature mortality (YLLs). It can be used to compare YLLs across locations relative to the group average. Comparison groups were chosen based on the GBD regional classifications, known trade partnerships, and socio-demographic indicators.

	HIV/AIDS	Tuberculosis	Lower respiratory infect	Neonatal disorders	Diarrheal diseases	Ischemic heart disease	Malaria	Stroke	Congenital defects	Cirrhosis
Zambia	7,505.9	3,044.8	2,904.9	2,881.2	2,527.3	1,991.0	1,546.3	1,465.0	1,220.0	1,216.7
Comparison group mean (Low-middle SDI)	1,172.5	987.2	2,242.5	3,346.5	1,753.8	3,036.7	955.5	1,883.7	842.4	834.8
Angola	3,278.0	2,585.9	2,906.2	3,188.4	3,434.5	2,038.7	1,664.8	1,689.0	1,071.4	1,216.2
Cambodia	439.9	707.1	2,856.0	2,049.1	415.2	1,498.2	400.7	2,663.1	919.1	2,088.8
Cameroon	5,059.8	1,712.9	3,311.2	2,888.7	2,656.4	1,745.2	4,667.7	1,751.3	807.4	881.0
Djibouti	3,146.3	1,767.5	2,246.4	1,884.2	1,252.6	2,352.1	8.3	1,529.2	791.1	623.7
Mauritania	29.5	653.5	2,302.2	3,153.2	1,958.2	1,939.4	378.4	1,384.5	597.3	532.9
Pakistan	140.0	1,043.5	1,701.9	5,907.9	1,558.0	4,470.1	137.4	2,362.9	791.5	1,042.0
Sao Tome and Principe	5.7	589.0	2,826.2	2,127.4	498.9	2,066.7	16.2	1,872.4	757.8	1,954.9
Sudan	781.8	161.4	1,251.9	3,621.2	1,154.0	4,915.8	365.2	2,088.8	2,248.9	398.3
Vanuatu	253.8	442.5	2,090.5	1,924.8	564.8	5,855.4	8.8	3,701.6	887.3	999.7
Zimbabwe	6,409.9	4,512.2	4,661.5	3,393.5	1,748.9	2,956.6	268.9	1,508.9	492.8	530.5

Significantly lower than mean   Statistically indistinguishable from mean   Significantly higher than mean

Age-standardized rate per 100,000, 2017

How do causes of death and disability compare to those in other locations?

This table shows the top 10 causes of death and disability (DALYs). It can be used to compare DALYs across locations relative to the group average. Comparison groups were chosen based on the GBD regional classifications, known trade partnerships, and socio-demographic indicators.

	HIV/AIDS	Neonatal disorders	Tuberculosis	Lower respiratory infect	Diarrheal diseases	Ischemic heart disease	Malaria	Stroke	Diabetes	Congenital defects
Zambia	8,342.5	3,144.9	3,110.4	2,914.4	2,760.0	2,068.9	1,639.8	1,604.9	1,413.6	1,396.8
Comparison group mean (Low-middle SDI)	1,253.3	3,707.2	1,047.6	2,253.8	1,957.3	3,108.6	987.2	2,065.2	1,132.8	1,015.6
Angola	3,458.4	3,520.6	2,653.4	2,914.9	3,742.7	2,090.6	1,770.0	1,837.4	1,705.2	1,247.8
Cambodia	489.1	2,274.6	839.7	2,873.1	565.5	1,552.5	406.7	2,884.5	1,180.8	1,113.9
Cameroon	5,390.9	3,085.4	1,758.1	3,320.2	2,914.2	1,807.7	4,810.9	1,895.0	1,193.4	975.5
Djibouti	3,305.4	2,252.7	1,823.4	2,256.7	1,395.0	2,436.3	32.4	1,667.0	1,448.5	968.9
Mauritania	35.7	3,509.7	682.7	2,310.6	2,200.2	2,013.0	422.4	1,543.0	1,149.0	760.5
Pakistan	146.4	6,296.6	1,106.2	1,715.0	1,794.5	4,558.6	148.8	2,534.0	1,423.7	908.5
Sao Tome and Principe	9.0	2,498.0	621.3	2,838.1	718.3	2,142.3	53.4	2,057.8	784.7	923.0
Sudan	820.7	3,872.5	173.5	1,262.2	1,424.5	5,003.7	384.6	2,337.1	925.1	2,397.5
Vanuatu	267.3	2,138.3	472.4	2,102.0	802.5	5,938.6	24.1	4,008.6	2,558.7	1,035.4
Zimbabwe	7,367.2	3,652.2	4,570.5	4,671.8	1,979.0	3,040.7	291.8	1,640.1	1,790.8	615.8

▌Significantly lower than mean   ▌Statistically indistinguishable from mean   ▌Significantly higher than mean

Age-standardized rate per 100,000, 2017