

Human Development Index and its components

HDI rank	Human Development Index (HDI)	SDG 3 Life expectancy at birth	SDG 4.3 Expected years of schooling	SDG 4.6 Mean years of schooling	SDG 8.5 Gross national income (GNI) per capita	GNI per capita rank minus HDI rank	HDI rank	
	Value	(years)	(years)	(years)	(2011 PPP \$)		2016	
HDI rank	2017	2017	2017 ^a	2017 ^a	2017	2017	2016	
VERY HIGH HUMAN DEVELOPMENT								
1	Norway	0.953	82.3	17.9	12.6	68,012	5	1
2	Switzerland	0.944	83.5	16.2	13.4	57,625	8	2
3	Australia	0.939	83.1	22.9 ^b	12.9	43,560	18	3
4	Ireland	0.938	81.6	19.6 ^b	12.5 ^c	53,754	8	4
5	Germany	0.936	81.2	17.0	14.1	46,136	13	4
6	Iceland	0.935	82.9	19.3 ^b	12.4 ^c	45,810	13	6
7	Hong Kong, China (SAR)	0.933	84.1	16.3	12.0	58,420	2	8
7	Sweden	0.933	82.6	17.6	12.4	47,766	9	7
9	Singapore	0.932	83.2	16.2 ^d	11.5	82,503 ^e	-6	8
10	Netherlands	0.931	82.0	18.0	12.2	47,900	5	10
11	Denmark	0.929	80.9	19.1 ^b	12.6 ^f	47,918	3	10
12	Canada	0.926	82.5	16.4 ^c	13.3	43,433	10	12
13	United States	0.924	79.5	16.5	13.4	54,941	-2	12
14	United Kingdom	0.922	81.7	17.4	12.9 ^f	39,116	13	14
15	Finland	0.920	81.5	17.6	12.4	41,002	10	15
16	New Zealand	0.917	82.0	18.9 ^b	12.5	33,970	18	16
17	Belgium	0.916	81.3	19.8 ^b	11.8	42,156	6	16
17	Liechtenstein	0.916	80.4 ^g	14.7	12.5 ^h	97,336 ^{e,i}	-15	16
19	Japan	0.909	83.9	15.2	12.8 ^j	38,986	9	19
20	Austria	0.908	81.8	16.1	12.1	45,415	0	20
21	Luxembourg	0.904	82.0	14.0	12.1 ^f	65,016 ^k	-13	26
22	Israel	0.903	82.7	15.9	13.0	32,711	13	21
22	Korea (Republic of)	0.903	82.4	16.5	12.1	35,945	8	22
24	France	0.901	82.7	16.4	11.5	39,254	2	23
25	Slovenia	0.896	81.1	17.2	12.2	30,594	12	24
26	Spain	0.891	83.3	17.9	9.8	34,258	7	25
27	Czechia	0.888	78.9	16.9	12.7	30,588	11	27
28	Italy	0.880	83.2	16.3	10.2 ^f	35,299	3	28
29	Malta	0.878	81.0	15.9	11.3	34,396	3	29
30	Estonia	0.871	77.7	16.1	12.7	28,993	10	30
31	Greece	0.870	81.4	17.3	10.8	24,648	20	30
32	Cyprus	0.869	80.7	14.6	12.1	31,568	4	32
33	Poland	0.865	77.8	16.4	12.3	26,150	12	34
34	United Arab Emirates	0.863	77.4	13.6	10.8 ^l	67,805	-27	33
35	Andorra	0.858	81.7 ^g	13.5 ^d	10.2	47,574 ^m	-18	35
35	Lithuania	0.858	74.8	16.1	13.0	28,314	7	36
37	Qatar	0.856	78.3	13.4	9.8	116,818 ^e	-36	36
38	Slovakia	0.855	77.0	15.0	12.5	29,467	1	39
39	Brunei Darussalam	0.853	77.4	14.5	9.1 ⁱ	76,427 ^e	-35	40
39	Saudi Arabia	0.853	74.7	16.9	9.5 ^f	49,680	-26	38
41	Latvia	0.847	74.7	15.8	12.8 ^f	25,002	8	43
41	Portugal	0.847	81.4	16.3	9.2	27,315	2	42
43	Bahrain	0.846	77.0	16.0	9.4 ^l	41,580	-19	41
44	Chile	0.843	79.7	16.4	10.3	21,910	13	44
45	Hungary	0.838	76.1	15.1	11.9	25,393	3	45
46	Croatia	0.831	77.8	15.0	11.3 ^l	22,162	10	46
47	Argentina	0.825	76.7	17.4	9.9 ^l	18,461	19	47
48	Oman	0.821	77.3	13.9	9.5	36,290	-19	47
49	Russian Federation	0.816	71.2	15.5	12.0 ^f	24,233	3	49
50	Montenegro	0.814	77.3	14.9	11.3 ^f	16,779	19	50
51	Bulgaria	0.813	74.9	14.8	11.8	18,740	13	50
52	Romania	0.811	75.6	14.3	11.0	22,646	2	52
53	Belarus	0.808	73.1	15.5	12.3	16,323	18	54
54	Bahamas	0.807	75.8	12.8 ⁿ	11.1 ^f	26,681	-10	53
55	Uruguay	0.804	77.6	15.9	8.7	19,930	5	56
56	Kuwait	0.803	74.8	13.6	7.3	70,524	-51	55
57	Malaysia	0.802	75.5	13.7	10.2 ^f	26,107	-11	57
58	Barbados	0.800	76.1	15.3	10.6 ^o	15,843 ^k	14	57
58	Kazakhstan	0.800	70.0	15.1	11.8 ^j	22,626	-3	60

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	Value	(years)	(years)	(years)	(2011 PPP \$)	2017	2016	
HDI rank	2017	2017	2017 ^a	2017 ^a	2017	2017	2016	
HIGH HUMAN DEVELOPMENT								
60	Iran (Islamic Republic of)	0.798	76.2	14.9	9.8	19,130	3	61
60	Palau	0.798	73.4 ^g	15.6	12.3	12,831	28	59
62	Seychelles	0.797	73.7	14.8	9.5 ^d	26,077 ^k	-15	62
63	Costa Rica	0.794	80.0	15.4	8.8	14,636	15	63
64	Turkey	0.791	76.0	15.2	8.0	24,804	-14	65
65	Mauritius	0.790	74.9	15.1	9.3 ^j	20,189	-6	64
66	Panama	0.789	78.2	12.7	10.2 ^j	19,178	-4	66
67	Serbia	0.787	75.3	14.6	11.1	13,019	18	66
68	Albania	0.785	78.5	14.8	10.0	11,886	23	69
69	Trinidad and Tobago	0.784	70.8	12.9 ⁿ	10.9 ^f	28,622 ^k	-28	66
70	Antigua and Barbuda	0.780	76.5	13.2 ^f	9.2 ^d	20,764 ^k	-12	70
70	Georgia	0.780	73.4	15.0	12.8	9,186	35	71
72	Saint Kitts and Nevis	0.778	74.4 ^g	14.4	8.4 ⁿ	23,978 ^k	-19	72
73	Cuba	0.777	79.9	14.0	11.8 ^f	7,524 ^p	43	72
74	Mexico	0.774	77.3	14.1	8.6	16,944	-6	74
75	Grenada	0.772	73.8	16.9	8.7 ⁿ	12,864 ^k	12	75
76	Sri Lanka	0.770	75.5	13.9	10.9 ^f	11,326	19	76
77	Bosnia and Herzegovina	0.768	77.1	14.2 ^o	9.7	11,716	16	77
78	Venezuela (Bolivarian Republic of)	0.761	74.7	14.3	10.3	10,672 ^k	20	77
79	Brazil	0.759	75.7	15.4	7.8 ^f	13,755 ^k	2	79
80	Azerbaijan	0.757	72.1	12.7 ^q	10.7	15,600 ^k	-7	80
80	Lebanon	0.757	79.8	12.5	8.7 ^f	13,378	3	82
80	The former Yugoslav Republic of Macedonia	0.757	75.9	13.3	9.6 ^o	12,505	9	81
83	Armenia	0.755	74.8	13.0	11.7	9,144	24	84
83	Thailand	0.755	75.5	14.7	7.6	15,516	-7	86
85	Algeria	0.754	76.3	14.4	8.0 ^f	13,802	-5	83
86	China	0.752	76.4	13.8	7.8 ^l	15,270	-9	86
86	Ecuador	0.752	76.6	14.7	8.7	10,347	15	84
88	Ukraine	0.751	72.1	15.0	11.3 ^l	8,130	24	90
89	Peru	0.750	75.2	13.8	9.2	11,789	3	86
90	Colombia	0.747	74.6	14.4	8.3	12,938	-4	89
90	Saint Lucia	0.747	75.7	13.6 ^q	8.9 ^f	11,695	4	91
92	Fiji	0.741	70.4	15.3 ^f	10.8 ⁱ	8,324 ^k	18	93
92	Mongolia	0.741	69.5	15.5	10.1	10,103	11	92
94	Dominican Republic	0.736	74.0	13.7	7.8	13,921	-15	95
95	Jordan	0.735	74.5	13.1 ^f	10.4 ⁱ	8,288	16	94
95	Tunisia	0.735	75.9	15.1	7.2 ^l	10,275 ^k	7	96
97	Jamaica	0.732	76.1	13.1 ^f	9.8 ^f	7,846	17	96
98	Tonga	0.726	73.2	14.3 ⁿ	11.2 ^f	5,547 ^k	37	98
99	Saint Vincent and the Grenadines	0.723	73.3	13.3	8.6	10,499 ^k	0	99
100	Suriname	0.720	71.5	12.7 ^q	8.5 ^f	13,306 ^k	-16	100
101	Botswana	0.717	67.6	12.6 ^f	9.3 ^l	15,534	-26	102
101	Maldives	0.717	77.6	12.6 ^q	6.3 ^j	13,567 ^k	-19	102
103	Dominica	0.715	78.0 ^g	12.7 ⁿ	7.8 ^d	8,344 ^k	6	101
104	Samoa	0.713	75.2	12.5 ^d	10.3 ^d	5,909 ^k	24	104
105	Uzbekistan	0.710	71.4	12.0	11.5	6,470	19	107
106	Belize	0.708	70.6	12.8	10.5 ^f	7,166	14	105
106	Marshall Islands	0.708	73.6 ^g	13.0 ^d	10.9	5,125	33	..
108	Libya	0.706	72.1	13.4 ⁿ	7.3 ^l	11,100 ^k	-12	114
108	Turkmenistan	0.706	68.0	10.8	9.8 ^q	15,594 ^k	-34	106
110	Gabon	0.702	66.5	12.8 ^q	8.2 ^q	16,431	-40	109
110	Paraguay	0.702	73.2	12.7	8.4	8,380	-2	108
112	Moldova (Republic of)	0.700	71.7	11.6	11.6	5,554	22	110
MEDIUM HUMAN DEVELOPMENT								
113	Philippines	0.699	69.2	12.6	9.3 ^f	9,154	-7	111
113	South Africa	0.699	63.4	13.3	10.1	11,923	-23	111
115	Egypt	0.696	71.7	13.1	7.2 ^j	10,355	-15	113
116	Indonesia	0.694	69.4	12.8	8.0	10,846	-19	115
116	Viet Nam	0.694	76.5	12.7 ^o	8.2 ^o	5,859	14	116

TABLE 1 HUMAN DEVELOPMENT INDEX AND ITS COMPONENTS

	Human Development Index (HDI)	SDG 3 Life expectancy at birth	SDG 4.3 Expected years of schooling	SDG 4.6 Mean years of schooling	SDG 8.5 Gross national income (GNI) per capita	GNI per capita rank minus HDI rank	HDI rank
	Value	(years)	(years)	(years)	(2011 PPP \$)		
HDI rank	2017	2017	2017 ^a	2017 ^a	2017	2017	2016
118 Bolivia (Plurinational State of)	0.693	69.5	14.0	8.9	6,714	5	116
119 Palestine, State of	0.686	73.6	12.8	9.1	5,055	21	116
120 Iraq	0.685	70.0	11.0 ^q	6.8 ^f	17,789 ^k	-53	120
121 El Salvador	0.674	73.8	12.6	6.9	6,868	0	119
122 Kyrgyzstan	0.672	71.1	13.4	10.9 ^q	3,255	32	121
123 Morocco	0.667	76.1	12.4	5.5 ^j	7,340	-5	122
124 Nicaragua	0.658	75.7	12.1	6.7 ^j	5,157	14	123
125 Cabo Verde	0.654	73.0	12.6	6.1	5,983	2	124
125 Guyana	0.654	66.8	11.4	8.4 ^o	7,447 ^k	-8	124
127 Guatemala	0.650	73.7	10.8	6.5 ^f	7,278	-8	126
127 Tajikistan	0.650	71.2	11.2	10.4 ^j	3,317 ^k	25	127
129 Namibia	0.647	64.9	12.3 ^q	6.8 ^j	9,387	-25	128
130 India	0.640	68.8	12.3	6.4 ^f	6,353	-5	129
131 Micronesia (Federated States of)	0.627	69.3	11.7 ^d	8.0 ^d	3,843 ^k	13	131
132 Timor-Leste	0.625	69.2	12.8	4.5 ^q	6,846	-10	130
133 Honduras	0.617	73.8	10.2	6.5	4,215	8	132
134 Bhutan	0.612	70.6	12.3	3.1 ^o	8,065	-21	135
134 Kiribati	0.612	66.5	12.9	7.9 ^d	3,042 ^k	22	134
136 Bangladesh	0.608	72.8	11.4 ^f	5.8 ^l	3,677	9	138
137 Congo	0.606	65.1	11.4	6.3 ^l	5,694	-5	133
138 Vanuatu	0.603	72.3	10.9 ⁿ	6.8 ^o	2,995	19	136
139 Lao People's Democratic Republic	0.601	67.0	11.2	5.2 ^j	6,070	-13	137
140 Ghana	0.592	63.0	11.6	7.1 ^j	4,096	3	140
141 Equatorial Guinea	0.591	57.9	9.3 ⁿ	5.5 ^q	19,513	-80	139
142 Kenya	0.590	67.3	12.1 ^q	6.5 ^j	2,961	16	143
143 Sao Tome and Principe	0.589	66.8	12.5	6.3 ^f	2,941 ^k	16	144
144 Eswatini (Kingdom of)	0.588	58.3	11.2	6.5 ^o	7,620	-29	141
144 Zambia	0.588	62.3	12.5 ^q	7.0 ^q	3,557 ^k	3	141
146 Cambodia	0.582	69.3	11.7 ^f	4.8 ^j	3,413	3	146
147 Angola	0.581	61.8	11.8 ^q	5.1 ^q	5,790	-16	145
148 Myanmar	0.578	66.7	10.0	4.9 ^q	5,567 ^k	-15	147
149 Nepal	0.574	70.6	12.2	4.9 ^j	2,471	12	148
150 Pakistan	0.562	66.6	8.6	5.2	5,311	-14	149
151 Cameroon	0.556	58.6	12.2	6.3 ^l	3,315	2	150
LOW HUMAN DEVELOPMENT							
152 Solomon Islands	0.546	71.0	10.2 ^d	5.5 ^q	1,872 ^k	15	151
153 Papua New Guinea	0.544	65.7	10.0 ⁿ	4.6 ^j	3,403 ^k	-3	151
154 Tanzania (United Republic of)	0.538	66.3	8.9 ^q	5.8 ^j	2,655	6	154
155 Syrian Arab Republic	0.536	71.0	8.8	5.1 ^r	2,337 ^s	8	153
156 Zimbabwe	0.535	61.7	10.3	8.1	1,683	17	155
157 Nigeria	0.532	53.9	10.0 ^q	6.2 ^q	5,231	-20	156
158 Rwanda	0.524	67.5	11.2	4.1 ^f	1,811	11	157
159 Lesotho	0.520	54.6	10.6	6.3 ^j	3,255	-4	159
159 Mauritania	0.520	63.4	8.6	4.5 ^j	3,592	-13	159
161 Madagascar	0.519	66.3	10.6	6.1 ^q	1,358	20	158
162 Uganda	0.516	60.2	11.6 ^q	6.1 ^q	1,658	13	162
163 Benin	0.515	61.2	12.6	3.6 ^o	2,061	2	161
164 Senegal	0.505	67.5	9.7	3.0	2,384	-2	165
165 Comoros	0.503	63.9	11.2	4.8 ^q	1,399	15	163
165 Togo	0.503	60.5	12.4 ^q	4.8 ^q	1,453	14	164
167 Sudan	0.502	64.7	7.4	3.7 ^j	4,119	-25	165
168 Afghanistan	0.498	64.0	10.4	3.8 ^j	1,824	0	168
168 Haiti	0.498	63.6	9.3 ⁿ	5.3 ^q	1,665	6	167
170 Côte d'Ivoire	0.492	54.1	9.0	5.2 ^j	3,481	-22	169
171 Malawi	0.477	63.7	10.8	4.5 ^j	1,064	14	170
172 Djibouti	0.476	62.6	6.2	4.1 ^o	3,392	-21	170
173 Ethiopia	0.463	65.9	8.5 ^f	2.7 ^q	1,719	-1	173
174 Gambia	0.460	61.4	9.2	3.5 ^j	1,516	4	173
175 Guinea	0.459	60.6	9.1	2.6 ^q	2,067	-11	177
176 Congo (Democratic Republic of the)	0.457	60.0	9.8	6.8 ^f	796	12	176
177 Guinea-Bissau	0.455	57.8	10.5 ^o	3.0 ^o	1,552	0	175
178 Yemen	0.452	65.2	9.0 ^f	3.0 ^l	1,239	5	172

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	Value	(years)	(years)	(years)	(2011 PPP \$)		
HDI rank	2017	2017	2017 ^a	2017 ^a	2017	2017	2016
179 Eritrea	0.440	65.5	5.4	4.0 ⁿ	1,750 ^k	-9	178
180 Mozambique	0.437	58.9	9.7	3.5 ^f	1,093	4	179
181 Liberia	0.435	63.0	10.0 ^q	4.7 ⁱ	667	9	180
182 Mali	0.427	58.5	7.7	2.3 ^f	1,953	-16	181
183 Burkina Faso	0.423	60.8	8.5	1.5 ^q	1,650	-7	182
184 Sierra Leone	0.419	52.2	9.8 ^q	3.5 ⁱ	1,240	-2	184
185 Burundi	0.417	57.9	11.7	3.0 ^q	702	4	183
186 Chad	0.404	53.2	8.0	2.3 ^q	1,750	-15	185
187 South Sudan	0.388	57.3	4.9 ^q	4.8	963 ^k	-1	186
188 Central African Republic	0.367	52.9	7.2 ^f	4.3 ⁱ	663	3	187
189 Niger	0.354	60.4	5.4	2.0 ^j	906	-2	188
OTHER COUNTRIES OR TERRITORIES							
.. Korea (Democratic People's Rep. of)	..	71.9	12.0	..	..	..	..
.. Monaco	..	..	..	..	..	..	..
.. Nauru	..	..	10.3	..	18,573 ^k	..	..
.. San Marino	..	..	15.1	..	..	..	..
.. Somalia	..	56.7	..	..	..	..	..
.. Tuvalu	..	..	..	..	5,888 ^k	..	..
Human development groups							
Very high human development	0.894	79.5	16.4	12.2	40,041	—	—
High human development	0.757	76.0	14.1	8.2	14,999	—	—
Medium human development	0.645	69.1	12.0	6.7	6,849	—	—
Low human development	0.504	60.8	9.4	4.7	2,521	—	—
Developing countries	0.681	70.7	12.2	7.3	10,055	—	—
Regions							
Arab States	0.699	71.5	11.9	7.0	15,837	—	—
East Asia and the Pacific	0.733	74.7	13.3	7.9	13,688	—	—
Europe and Central Asia	0.771	73.4	14.1	10.3	15,331	—	—
Latin America and the Caribbean	0.758	75.7	14.4	8.5	13,671	—	—
South Asia	0.638	69.3	11.9	6.4	6,473	—	—
Sub-Saharan Africa	0.537	60.7	10.1	5.6	3,399	—	—
Least developed countries	0.524	64.8	9.8	4.7	2,506	—	—
Small island developing states	0.676	71.0	11.8	8.2	7,721	—	—
Organisation for Economic Co-operation and Development	0.895	80.6	16.2	12.0	39,595	—	—
World	0.728	72.2	12.7	8.4	15,295	—	—

NOTES

- a** Data refer to 2017 or the most recent year available.
- b** In calculating the HDI value, expected years of schooling is capped at 18 years.
- c** Based on data from OECD (2017a).
- d** Based on data from the national statistical office.
- e** In calculating the HDI value, GNI per capita is capped at \$75,000.
- f** Updated by HDRO based on data from UNESCO Institute for Statistics (2018).
- g** Value from UNDESA (2011).
- h** Imputed mean years of schooling for Austria.
- i** Estimated using the purchasing power parity (PPP) rate and projected growth rate of Switzerland.
- j** Based on Barro and Lee (2016).
- k** HDRO estimate based on data from World Bank (2018b) and United Nations Statistics Division (2018b).
- l** Updated by HDRO using Barro and Lee (2016) estimates.
- m** Estimated using the PPP rate and projected growth rate of Spain.
- n** Based on cross-country regression.

- o** Updated by HDRO based on data from United Nations Children's Fund (UNICEF) Multiple Indicator Cluster Surveys for 2006–2017.
- p** Based on a cross-country regression and the projected growth rate from UNECLAC (2018).
- q** Updated by HDRO based on data from ICF Macro Demographic and Health Surveys for 2006–2017.
- r** Updated by HDRO based on Syrian Center for Policy Research (2017).
- s** HDRO estimate based on data from World Bank (2018b), United Nations Statistics Division (2018b) and projected growth rates from UNESCWA (2018).

DEFINITIONS

Human Development Index (HDI): A composite index measuring average achievement in three basic dimensions of human development—a long and healthy life, knowledge and a decent standard of living. See *Technical note 1* at http://hdr.undp.org/sites/default/files/hdr2018_technical_notes.pdf for details on how the HDI is calculated.

Life expectancy at birth: Number of years a newborn infant could expect to live if prevailing

patterns of age-specific mortality rates at the time of birth stay the same throughout the infant's life.

Expected years of schooling: Number of years of schooling that a child of school entrance age can expect to receive if prevailing patterns of age-specific enrolment rates persist throughout the child's life.

Mean years of schooling: Average number of years of education received by people ages 25 and older, converted from education attainment levels using official durations of each level.

Gross national income (GNI) per capita: Aggregate income of an economy generated by its production and its ownership of factors of production, less the incomes paid for the use of factors of production owned by the rest of the world, converted to international dollars using PPP rates, divided by midyear population.

GNI per capita rank minus HDI rank: Difference in ranking by GNI per capita and by HDI value. A negative value means that the country is better ranked by GNI than by HDI value.

HDI rank for 2016: Ranking by HDI value for 2016, which was calculated using the same most recently

revised data available in 2018 that were used to calculate HDI values for 2017.

MAIN DATA SOURCES

Columns 1 and 7: HDRO calculations based on data from UNDESA (2017a), UNESCO Institute for Statistics (2018), United Nations Statistics Division (2018b), World Bank (2018b), Barro and Lee (2016) and IMF (2018).

Column 2: UNDESA (2017a).

Column 3: UNESCO Institute for Statistics (2018), ICF Macro Demographic and Health Surveys, UNICEF Multiple Indicator Cluster Surveys and OECD (2017a).

Column 4: UNESCO Institute for Statistics (2018), Barro and Lee (2016), ICF Macro Demographic and Health Surveys, UNICEF Multiple Indicator Cluster Surveys and OECD (2017a).

Column 5: World Bank (2018b), IMF (2018) and United Nations Statistics Division (2018b).

Column 6: Calculated based on data in columns 1 and 5.