

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 \$)	2018	2017	
HDI rank	2018	2018	2018 ^a	2018 ^a	2018	2018	2017	
VERY HIGH HUMAN DEVELOPMENT								
1	Norway	0.954	82.3	18.1 ^b	12.6	68,059	5	1
2	Switzerland	0.946	83.6	16.2	13.4	59,375	8	2
3	Ireland	0.942	82.1	18.8 ^b	12.5 ^c	55,660	9	3
4	Germany	0.939	81.2	17.1	14.1	46,946	15	4
4	Hong Kong, China (SAR)	0.939	84.7	16.5	12.0	60,221	5	6
6	Australia	0.938	83.3	22.1 ^b	12.7 ^c	44,097	15	5
6	Iceland	0.938	82.9	19.2 ^b	12.5 ^c	47,566	12	7
8	Sweden	0.937	82.7	18.8 ^b	12.4	47,955	9	7
9	Singapore	0.935	83.5	16.3	11.5	83,793 ^d	-6	9
10	Netherlands	0.933	82.1	18.0 ^b	12.2	50,013	3	10
11	Denmark	0.930	80.8	19.1 ^b	12.6	48,836	4	11
12	Finland	0.925	81.7	19.3 ^b	12.4	41,779	12	12
13	Canada	0.922	82.3	16.1	13.3 ^c	43,602	10	13
14	New Zealand	0.921	82.1	18.8 ^b	12.7 ^c	35,108	18	14
15	United Kingdom	0.920	81.2	17.4	13.0 ^e	39,507	13	15
15	United States	0.920	78.9	16.3	13.4	56,140	-4	15
17	Belgium	0.919	81.5	19.7 ^b	11.8	43,821	5	17
18	Liechtenstein	0.917	80.5 ^f	14.7	12.5 ^g	99,732 ^{d,h}	-16	18
19	Japan	0.915	84.5	15.2	12.8 ⁱ	40,799	6	19
20	Austria	0.914	81.4	16.3	12.6	46,231	0	20
21	Luxembourg	0.909	82.1	14.2	12.2 ^e	65,543	-13	21
22	Israel	0.906	82.8	16.0	13.0	33,650	13	22
22	Korea (Republic of)	0.906	82.8	16.4	12.2	36,757	8	22
24	Slovenia	0.902	81.2	17.4	12.3	32,143	13	24
25	Spain	0.893	83.4	17.9	9.8	35,041	8	25
26	Czechia	0.891	79.2	16.8	12.7	31,597	12	27
26	France	0.891	82.5	15.5	11.4	40,511	0	26
28	Malta	0.885	82.4	15.9	11.3	34,795	6	28
29	Italy	0.883	83.4	16.2	10.2 ^e	36,141	2	29
30	Estonia	0.882	78.6	16.1	13.0 ^c	30,379	10	30
31	Cyprus	0.873	80.8	14.7	12.1	33,100	5	31
32	Greece	0.872	82.1	17.3	10.5	24,909	20	31
32	Poland	0.872	78.5	16.4	12.3	27,626	13	33
34	Lithuania	0.869	75.7	16.5	13.0	29,775	7	34
35	United Arab Emirates	0.866	77.8	13.6	11.0	66,912	-28	35
36	Andorra	0.857	81.8 ^f	13.3 ^j	10.2	48,641 ^k	-20	38
36	Saudi Arabia	0.857	75.0	17.0 ^e	9.7 ^e	49,338	-22	36
36	Slovakia	0.857	77.4	14.5	12.6 ^c	30,672	3	37
39	Latvia	0.854	75.2	16.0	12.8 ^c	26,301	10	39
40	Portugal	0.850	81.9	16.3	9.2	27,935	4	40
41	Qatar	0.848	80.1	12.2	9.7	110,489 ^d	-40	40
42	Chile	0.847	80.0	16.5	10.4	21,972	17	42
43	Brunei Darussalam	0.845	75.7	14.4	9.1 ⁱ	76,389 ^d	-39	43
43	Hungary	0.845	76.7	15.1	11.9	27,144	4	44
45	Bahrain	0.838	77.2	15.3	9.4 ^e	40,399	-18	45
46	Croatia	0.837	78.3	15.0	11.4 ^e	23,061	9	46
47	Oman	0.834	77.6	14.7	9.7	37,039	-18	47
48	Argentina	0.830	76.5	17.6	10.6 ^c	17,611	18	48
49	Russian Federation	0.824	72.4	15.5	12.0 ^e	25,036	2	49
50	Belarus	0.817	74.6	15.4	12.3 ^l	17,039	18	50
50	Kazakhstan	0.817	73.2	15.3	11.8 ⁱ	22,168	8	51
52	Bulgaria	0.816	74.9	14.8	11.8	19,646	9	51
52	Montenegro	0.816	76.8	15.0	11.4 ^e	17,511	15	51
52	Romania	0.816	75.9	14.3	11.0	23,906	2	51
55	Palau	0.814	73.7 ^f	15.6 ^e	12.4 ^e	16,720	14	56
56	Barbados	0.813	79.1	15.2 ^e	10.6 ^m	15,912	18	51
57	Kuwait	0.808	75.4	13.8	7.3	71,164	-52	57
57	Uruguay	0.808	77.8	16.3	8.7	19,435	5	58
59	Turkey	0.806	77.4	16.4 ^e	7.7	24,905	-6	59
60	Bahamas	0.805	73.8	12.8 ⁿ	11.5 ^e	28,395	-17	60
61	Malaysia	0.804	76.0	13.5	10.2	27,227	-15	61
62	Seychelles	0.801	73.3	15.5	9.7 ^j	25,077	-12	62

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	Value	(years)	(years)	(years)	(2011 PPP \$)		2017	
	2018	2018	2018 ^a	2018 ^a	2018	2018	2017	
HIGH HUMAN DEVELOPMENT								
63	Serbia	0.799	75.8	14.8	11.2	15,218	15	65
63	Trinidad and Tobago	0.799	73.4	13.0 ^e	11.0 ^l	28,497	-21	63
65	Iran (Islamic Republic of)	0.797	76.5	14.7	10.0	18,166	-2	63
66	Mauritius	0.796	74.9	15.0	9.4 ⁱ	22,724	-10	66
67	Panama	0.795	78.3	12.9	10.2 ⁱ	20,455	-7	66
68	Costa Rica	0.794	80.1	15.4	8.7	14,790	12	68
69	Albania	0.791	78.5	15.2	10.1 ^m	12,300	20	69
70	Georgia	0.786	73.6	15.4	12.8	9,570	34	70
71	Sri Lanka	0.780	76.8	14.0	11.1 ^e	11,611	24	72
72	Cuba	0.778	78.7	14.4	11.8 ^e	7,811 ^o	43	71
73	Saint Kitts and Nevis	0.777	74.6 ^l	13.6 ^e	8.5 ⁿ	26,770	-25	73
74	Antigua and Barbuda	0.776	76.9	12.5 ^e	9.3 ^j	22,201	-17	73
75	Bosnia and Herzegovina	0.769	77.3	13.8 ^j	9.7	12,690	10	75
76	Mexico	0.767	75.0	14.3	8.6	17,628	-11	76
77	Thailand	0.765	76.9	14.7 ^e	7.7	16,129	-6	77
78	Grenada	0.763	72.4	16.6	8.8 ⁿ	12,684	8	78
79	Brazil	0.761	75.7	15.4	7.8 ^e	14,068	2	78
79	Colombia	0.761	77.1	14.6	8.3	12,896	4	78
81	Armenia	0.760	74.9	13.2 ^e	11.8	9,277	26	81
82	Algeria	0.759	76.7	14.7 ^e	8.0 ^l	13,639	0	81
82	North Macedonia	0.759	75.7	13.5	9.7 ^l	12,874	2	81
82	Peru	0.759	76.5	13.8	9.2	12,323	6	85
85	China	0.758	76.7	13.9 ^e	7.9 ^m	16,127	-13	86
85	Ecuador	0.758	76.8	14.9 ^e	9.0	10,141	17	84
87	Azerbaijan	0.754	72.9	12.4 ^e	10.5	15,240	-10	87
88	Ukraine	0.750	72.0	15.1 ^e	11.3 ^m	7,994	25	88
89	Dominican Republic	0.745	73.9	14.1	7.9	15,074	-10	90
89	Saint Lucia	0.745	76.1	13.9 ^e	8.5	11,528	7	89
91	Tunisia	0.739	76.5	15.1	7.2 ^e	10,677	10	91
92	Mongolia	0.735	69.7	14.2 ^e	10.2 ^e	10,784	7	94
93	Lebanon	0.730	78.9	11.3	8.7 ⁿ	11,136	5	93
94	Botswana	0.728	69.3	12.7 ^e	9.3 ^m	15,951	-21	97
94	Saint Vincent and the Grenadines	0.728	72.4	13.6 ^e	8.6 ⁿ	11,746	-2	95
96	Jamaica	0.726	74.4	13.1 ^e	9.8 ^e	7,932	18	96
96	Venezuela (Bolivarian Republic of)	0.726	72.1	12.8 ^e	10.3	9,070 ^p	14	92
98	Dominica	0.724	78.1 ^l	13.0 ^e	7.8 ^j	9,245	10	98
98	Fiji	0.724	67.3	14.4 ^e	10.9 ⁱ	9,110	11	102
98	Paraguay	0.724	74.1	12.7 ^e	8.5	11,720	-5	99
98	Suriname	0.724	71.6	12.9 ^e	9.1	11,933	-8	99
102	Jordan	0.723	74.4	11.9 ^e	10.5 ⁱ	8,268	10	99
103	Belize	0.720	74.5	13.1	9.8 ^l	7,136	17	103
104	Maldives	0.719	78.6	12.1 ^q	6.8 ^q	12,549	-17	105
105	Tonga	0.717	70.8	14.3 ^e	11.2 ⁱ	5,783	26	104
106	Philippines	0.712	71.1	12.7 ^e	9.4 ^e	9,540	-1	106
107	Moldova (Republic of)	0.711	71.8	11.6	11.6	6,833	16	106
108	Turkmenistan	0.710	68.1	10.9 ^e	9.8 ^q	16,407	-38	108
108	Uzbekistan	0.710	71.6	12.0	11.5	6,462	18	109
110	Libya	0.708	72.7	12.8 ⁿ	7.6 ^m	11,685 ^r	-16	111
111	Indonesia	0.707	71.5	12.9	8.0	11,256	-14	111
111	Samoa	0.707	73.2	12.5 ^e	10.6 ^j	5,885	18	110
113	South Africa	0.705	63.9	13.7	10.2	11,756	-22	111
114	Bolivia (Plurinational State of)	0.703	71.2	14.0 ^s	9.0	6,849	8	114
115	Gabon	0.702	66.2	12.9 ⁿ	8.3 ^q	15,794	-40	114
116	Egypt	0.700	71.8	13.1	7.3 ⁱ	10,744	-16	116
MEDIUM HUMAN DEVELOPMENT								
117	Marshall Islands	0.698	73.9 ^l	12.4 ^e	10.9 ^e	4,633	21	116
118	Viet Nam	0.693	75.3	12.7 ^l	8.2 ⁱ	6,220	10	118
119	Palestine, State of	0.690	73.9	12.8	9.1	5,314	15	119
120	Iraq	0.689	70.5	11.1 ^q	7.3 ^e	15,365	-44	120
121	Morocco	0.676	76.5	13.1 ^e	5.5 ⁱ	7,480	-3	121
122	Kyrgyzstan	0.674	71.3	13.4	10.9 ^l	3,317	30	122
123	Guyana	0.670	69.8	11.5 ^e	8.5 ^l	7,615	-7	123

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	2018	2018	2018 ^a	2018 ^a	2018	2018	2017
124 El Salvador	0.667	73.1	12.0	6.9	6,973	-3	124
125 Tajikistan	0.656	70.9	11.4 ^e	10.7 ^q	3,482	26	126
126 Cabo Verde	0.651	72.8	11.9	6.2	6,513	-1	128
126 Guatemala	0.651	74.1	10.6	6.5	7,378	-7	127
126 Nicaragua	0.651	74.3	12.2 ^s	6.8 ^l	4,790	11	125
129 India	0.647	69.4	12.3	6.5 ^e	6,829	-5	129
130 Namibia	0.645	63.4	12.6 ^q	6.9 ^l	9,683	-27	129
131 Timor-Leste	0.626	69.3	12.4 ^e	4.5 ^q	7,527	-14	131
132 Honduras	0.623	75.1	10.2	6.6	4,258	7	133
132 Kiribati	0.623	68.1	11.8 ^e	7.9 ^l	3,917	11	132
134 Bhutan	0.617	71.5	12.1 ^e	3.1 ^e	8,609	-23	134
135 Bangladesh	0.614	72.3	11.2	6.1	4,057	6	136
135 Micronesia (Federated States of)	0.614	67.8	11.5 ^j	7.7 ^l	3,700	10	135
137 Sao Tome and Principe	0.609	70.2	12.7 ^e	6.4 ^e	3,024	20	138
138 Congo	0.608	64.3	11.6 ⁿ	6.5 ^m	5,804	-8	136
138 Eswatini (Kingdom of)	0.608	59.4	11.4 ^e	6.7 ^l	9,359	-32	138
140 Lao People's Democratic Republic	0.604	67.6	11.1	5.2 ^l	6,317	-13	140
141 Vanuatu	0.597	70.3	11.4 ^e	6.8 ^l	2,808	17	141
142 Ghana	0.596	63.8	11.5	7.2 ^l	4,099	-2	142
143 Zambia	0.591	63.5	12.1 ^q	7.1 ^q	3,582	7	144
144 Equatorial Guinea	0.588	58.4	9.2 ⁿ	5.6 ^l	17,796	-80	143
145 Myanmar	0.584	66.9	10.3	5.0 ^q	5,764	-13	146
146 Cambodia	0.581	69.6	11.3 ^e	4.8 ^l	3,597	2	145
147 Kenya	0.579	66.3	11.1 ^e	6.6 ^l	3,052	9	148
147 Nepal	0.579	70.5	12.2	4.9 ^l	2,748	13	148
149 Angola	0.574	60.8	11.8 ^q	5.1 ^q	5,555	-16	147
150 Cameroon	0.563	58.9	12.7	6.3 ^l	3,291	3	150
150 Zimbabwe	0.563	61.2	10.5	8.3 ^e	2,661	12	153
152 Pakistan	0.560	67.1	8.5	5.2	5,190	-17	151
153 Solomon Islands	0.557	72.8	10.2 ^e	5.5 ^q	2,027	13	152
LOW HUMAN DEVELOPMENT							
154 Syrian Arab Republic	0.549	71.8	8.9 ^e	5.1 ^t	2,725 ^r	7	154
155 Papua New Guinea	0.543	64.3	10.0 ^e	4.6 ^l	3,686	-9	155
156 Comoros	0.538	64.1	11.2 ^e	4.9 ^q	2,426	7	156
157 Rwanda	0.536	68.7	11.2	4.4 ^e	1,959	11	158
158 Nigeria	0.534	54.3	9.7 ^l	6.5 ^q	5,086	-22	157
159 Tanzania (United Republic of)	0.528	65.0	8.0	6.0 ^l	2,805	0	160
159 Uganda	0.528	63.0	11.2 ^e	6.1 ^q	1,752	11	160
161 Mauritania	0.527	64.7	8.5	4.6 ^l	3,746	-17	159
162 Madagascar	0.521	66.7	10.4	6.1 ⁿ	1,404	19	162
163 Benin	0.520	61.5	12.6	3.8 ^m	2,135	2	163
164 Lesotho	0.518	53.7	10.7	6.3 ^l	3,244	-9	164
165 Côte d'Ivoire	0.516	57.4	9.6	5.2 ^l	3,589	-16	165
166 Senegal	0.514	67.7	9.0	3.1 ^e	3,256	-12	166
167 Togo	0.513	60.8	12.6	4.9 ^q	1,593	10	166
168 Sudan	0.507	65.1	7.7 ^e	3.7 ^l	3,962	-26	168
169 Haiti	0.503	63.7	9.5 ⁿ	5.4 ^q	1,665	6	169
170 Afghanistan	0.496	64.5	10.1	3.9 ^l	1,746	1	170
171 Djibouti	0.495	66.6	6.5 ^e	4.0 ^l	3,601 ^u	-24	171
172 Malawi	0.485	63.8	11.0 ^q	4.6 ^l	1,159	11	172
173 Ethiopia	0.470	66.2	8.7 ^e	2.8 ^q	1,782	-4	173
174 Gambia	0.466	61.7	9.5 ^e	3.7 ^q	1,490	4	178
174 Guinea	0.466	61.2	9.0 ^e	2.7 ^q	2,211	-10	175
176 Liberia	0.465	63.7	9.6 ^e	4.7 ^l	1,040	9	173
177 Yemen	0.463	66.1	8.7 ^e	3.2 ^m	1,433 ^r	3	175
178 Guinea-Bissau	0.461	58.0	10.5 ⁿ	3.3 ^l	1,593	-2	177
179 Congo (Democratic Republic of the)	0.459	60.4	9.7 ^e	6.8	800	8	179
180 Mozambique	0.446	60.2	9.7	3.5 ^e	1,154	4	180
181 Sierra Leone	0.438	54.3	10.2 ^e	3.6 ^l	1,381	1	181
182 Burkina Faso	0.434	61.2	8.9	1.6 ^q	1,705	-8	183
182 Eritrea	0.434	65.9	5.0	3.9 ⁿ	1,708 ^u	-9	182
184 Mali	0.427	58.9	7.6	2.4 ^l	1,965	-17	184
185 Burundi	0.423	61.2	11.3	3.1 ^q	660	4	185

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	Value	(years)	(years)	(years)	(2011 PPP \$)		
HDI rank	2018	2018	2018 ^a	2018 ^a	2018	2018	2017
186 South Sudan	0.413	57.6	5.0 ^e	4.8	1,455 ^u	-7	186
187 Chad	0.401	54.0	7.5 ^e	2.4 ^q	1,716	-15	187
188 Central African Republic	0.381	52.8	7.6 ^e	4.3 ⁱ	777	0	188
189 Niger	0.377	62.0	6.5	2.0 ^e	912	-3	189
OTHER COUNTRIES OR TERRITORIES							
.. Korea (Democratic People's Rep. of)	..	72.1	10.8 ^e	..	..	..	..
.. Monaco	..	..	..	..	..	..	..
.. Nauru	..	..	11.3 ^e	..	17,313	..	..
.. San Marino	..	..	15.1	..	..	..	..
.. Somalia	..	57.1	..	..	..	..	..
.. Tuvalu	..	..	12.3	..	5,409	..	..
Human development groups							
Very high human development	0.892	79.5	16.4	12.0	40,112	—	—
High human development	0.750	75.1	13.8	8.3	14,403	—	—
Medium human development	0.634	69.3	11.7	6.4	6,240	—	—
Low human development	0.507	61.3	9.3	4.8	2,581	—	—
Developing countries	0.686	71.1	12.2	7.4	10,476	—	—
Regions							
Arab States	0.703	71.9	12.0	7.1	15,721	—	—
East Asia and the Pacific	0.741	75.3	13.4	7.9	14,611	—	—
Europe and Central Asia	0.779	74.2	14.6	10.2	15,498	—	—
Latin America and the Caribbean	0.759	75.4	14.5	8.6	13,857	—	—
South Asia	0.642	69.7	11.8	6.5	6,794	—	—
Sub-Saharan Africa	0.541	61.2	10.0	5.7	3,443	—	—
Least developed countries	0.528	65.0	9.8	4.8	2,630	—	—
Small island developing states	0.723	71.8	12.2	8.6	15,553	—	—
Organisation for Economic Co-operation and Development							
World	0.731	72.6	12.7	8.4	15,745	—	—

NOTES

- a Data refer to 2018 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 (2018).
- d In calculating the HDI value, GNI per capita is capped at \$75,000.
- e Updated by HDRO based on data from UNESCO Institute for Statistics (2019).
- f Value from UNDESA (2011).
- g Imputed mean years of schooling for Austria.
- h Estimated using the purchasing power parity (PPP) rate and projected growth rate of Switzerland.
- i Based on Barro and Lee (2018).
- j Based on data from the national statistical office.
- k Estimated using the PPP rate and projected growth rate of Spain.
- l Updated by HDRO based on data from United Nations Children's Fund (UNICEF) Multiple Indicator Cluster Surveys for 2006–2018.
- m Updated by HDRO using Barro and Lee (2018) estimates.
- n Based on cross-country regression.

- o Based on a cross-country regression and the projected growth rate from UNECLAC (2019).
- p HDRO estimate based on data from World Bank (2019a), United Nations Statistics Division (2019b) and UNECLAC (2019).
- q Updated by HDRO based on data from ICF Macro Demographic and Health Surveys for 2006–2018.
- r HDRO estimate based on data from World Bank (2019a), United Nations Statistics Division (2019b) and projected growth rates from UNESCWA (2018).
- s Updated by HDRO based on data from CEDLAS and World Bank (2018).
- t Updated by HDRO based on Syrian Center for Policy Research (2017).
- u HDRO estimate based on data from World Bank (2019a), United Nations Statistics Division (2019b) and IMF (2019).

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/hdr2019_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 2017: Ranking by HDI value for 2017, which was calculated using the same most recently

revised data available in 2019 that were used to calculate HDI values for 2018.

MAIN DATA SOURCES

Columns 1 and 7: HDRO calculations based on data from UNDESA (2019b), UNESCO Institute for Statistics (2019), United Nations Statistics Division (2019b), World Bank (2019a), Barro and Lee (2018) and IMF (2019).

Column 2: UNDESA (2019b).

Column 3: UNESCO Institute for Statistics (2019), ICF Macro Demographic and Health Surveys, UNICEF Multiple Indicator Cluster Surveys and OECD (2018).

Column 4: UNESCO Institute for Statistics (2019), Barro and Lee (2018), ICF Macro Demographic and Health Surveys, UNICEF Multiple Indicator Cluster Surveys and OECD (2018).

Column 5: World Bank (2019a), IMF (2019) and United Nations Statistics Division (2019b).

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