

# 5th pillar Skills

## 5.01 Quality of the education system

In your country, how well does the education system meet the needs of a competitive economy? [1 = not well at all; 7 = extremely well] | 2014–15 weighted average

RANK	COUNTRY/ECONOMY	VALUE	1	MEAN: 3.8	7	RANK	COUNTRY/ECONOMY	VALUE	1	MEAN: 3.8	7
1	Switzerland	6.1				71	Ecuador	3.6			
2	Qatar	5.9				72	Cameroon	3.6			
3	Singapore	5.8				73	Poland	3.6			
4	Finland	5.7				74	Thailand	3.6			
5	Belgium	5.5				75	Pakistan	3.6			
6	Malaysia	5.4				76	Ghana	3.6			
7	New Zealand	5.4				77	Botswana	3.6			
8	Netherlands	5.4				78	Vietnam	3.5			
9	Ireland	5.4				79	Honduras	3.5			
10	Germany	5.4				80	Swaziland	3.5			
11	Norway	5.3				81	Uganda	3.5			
12	United Arab Emirates	5.3				82	Russian Federation	3.5			
13	Australia	5.1				83	Liberia	3.5			
14	Canada	5.1				84	Armenia	3.5			
15	Iceland	5.0				85	Spain	3.4			
16	Denmark	4.9				86	Chile	3.4			
17	Cyprus	4.9				87	Bangladesh	3.4			
18	United States	4.9				88	Kuwait	3.4			
19	Lebanon	4.9				89	Tunisia	3.3			
20	Hong Kong SAR	4.8				90	Romania	3.3			
21	United Kingdom	4.7				91	Algeria	3.3			
22	Malta	4.7				92	Turkey	3.3			
23	Luxembourg	4.7				93	Bulgaria	3.3			
24	Sri Lanka	4.7				94	Panama	3.3			
25	Sweden	4.6				95	Iran, Islamic Rep.	3.2			
26	Bahrain	4.6				96	Namibia	3.2			
27	Japan	4.5				97	Moldova	3.2			
28	Costa Rica	4.5				98	Tanzania	3.2			
29	Albania	4.5				99	Hungary	3.2			
30	France	4.5				100	Cambodia	3.2			
31	Philippines	4.5				101	Georgia	3.1			
32	Jordan	4.4				102	Colombia	3.1			
33	Trinidad and Tobago	4.4				103	Croatia	3.1			
34	Estonia	4.4				104	Malawi	3.1			
35	Zambia	4.3				105	Bolivia	3.1			
36	Kenya	4.3				106	Oman	3.1			
37	Austria	4.3				107	Azerbaijan	3.1			
38	Seychelles	4.3				108	Argentina	3.1			
39	Gambia, The	4.3				109	Mali	3.1			
40	Portugal	4.3				110	Serbia	3.1			
41	Indonesia	4.3				111	Mongolia	3.0			
42	Zimbabwe	4.2				112	Kyrgyz Republic	3.0			
43	India	4.2				113	Uruguay	3.0			
44	Lesotho	4.2				114	Greece	2.9			
45	Rwanda	4.2				115	Madagascar	2.9			
46	Taiwan, China	4.1				116	El Salvador	2.9			
47	Saudi Arabia	4.1				117	Mexico	2.8			
48	Côte d'Ivoire	4.1				118	Mozambique	2.8			
49	Mauritius	4.1				119	Gabon	2.8			
50	Slovenia	4.1				120	Slovak Republic	2.8			
51	Bhutan	4.0				121	Morocco	2.8			
52	Israel	4.0				122	Guatemala	2.7			
53	Lithuania	4.0				123	Chad	2.7			
54	Ukraine	4.0				124	Nigeria	2.7			
55	Cape Verde	4.0				125	Dominican Republic	2.6			
56	China	3.9				126	Burundi	2.6			
57	Tajikistan	3.9				127	Myanmar	2.5			
58	Montenegro	3.9				128	Venezuela	2.5			
59	Guyana	3.9				129	Peru	2.5			
60	Czech Republic	3.8				130	Mauritania	2.5			
61	Macedonia, FYR	3.8				131	Brazil	2.4			
62	Lao PDR	3.8				132	Guinea	2.4			
63	Senegal	3.8				133	Haiti	2.4			
64	Latvia	3.7				134	Benin	2.4			
65	Italy	3.7				135	Bosnia and Herzegovina	2.4			
66	Korea, Rep.	3.7				136	Nicaragua	2.3			
67	Kazakhstan	3.7				137	South Africa	2.2			
68	Ethiopia	3.7				138	Egypt	2.1			
69	Nepal	3.7				139	Paraguay	2.1			
70	Jamaica	3.7									

SOURCE: World Economic Forum, Executive Opinion Survey, 2014 and 2015 editions

## 5.02 Quality of math and science education

In your country, how do you assess the quality of math and science education [1 = extremely poor—among the worst in the world; 7 = excellent—among the best in the world] | 2014–15 weighted average

RANK	COUNTRY/ECONOMY	VALUE	1	MEAN: 4.0	7	RANK	COUNTRY/ECONOMY	VALUE	1	MEAN: 4.0	7
1	Singapore	6.4				71	Kazakhstan	4.1			
2	Finland	6.1				72	Ghana	4.0			
3	Belgium	6.0				73	Tajikistan	4.0			
4	Switzerland	5.9				74	Morocco	4.0			
5	Qatar	5.7				75	Hungary	4.0			
6	Lebanon	5.6				76	Slovak Republic	4.0			
7	Netherlands	5.5				77	Cape Verde	4.0			
8	Hong Kong SAR	5.5				78	Kenya	3.9			
9	Japan	5.3				79	Thailand	3.9			
10	New Zealand	5.3				80	Moldova	3.9			
11	United Arab Emirates	5.3				81	Zambia	3.9			
12	Malaysia	5.3				82	Senegal	3.9			
13	Slovenia	5.3				83	Bhutan	3.8			
14	Estonia	5.2				84	Spain	3.8			
15	Taiwan, China	5.2				85	Ecuador	3.8			
16	Germany	5.2				86	Swaziland	3.7			
17	Côte d'Ivoire	5.2				87	Ethiopia	3.7			
18	Canada	5.1				88	Nepal	3.7			
19	France	5.1				89	Pakistan	3.6			
20	Lithuania	5.1				90	Lao PDR	3.6			
21	Ireland	5.0				91	Madagascar	3.6			
22	Cyprus	5.0				92	Bosnia and Herzegovina	3.6			
23	Malta	5.0				93	Gambia, The	3.6			
24	Norway	4.9				94	Liberia	3.5			
25	Sri Lanka	4.8				95	Botswana	3.5			
26	Romania	4.8				96	Jamaica	3.5			
27	Australia	4.8				97	Georgia	3.5			
28	Albania	4.8				98	Burundi	3.5			
29	Denmark	4.8				99	Kuwait	3.4			
30	Korea, Rep.	4.8				100	Lesotho	3.4			
31	Croatia	4.8				101	Honduras	3.4			
32	Luxembourg	4.8				102	Oman	3.3			
33	Iceland	4.8				103	Turkey	3.3			
34	Mongolia	4.7				104	Azerbaijan	3.3			
35	Trinidad and Tobago	4.7				105	Algeria	3.3			
36	Iran, Islamic Rep.	4.6				106	Bangladesh	3.3			
37	Austria	4.6				107	Chile	3.3			
38	Ukraine	4.6				108	Gabon	3.3			
39	Montenegro	4.6				109	Benin	3.2			
40	Latvia	4.6				110	Mali	3.2			
41	Italy	4.6				111	Uganda	3.2			
42	Bahrain	4.6				112	Cambodia	3.2			
43	Sweden	4.5				113	Argentina	3.1			
44	United States	4.5				114	Panama	3.1			
45	Portugal	4.5				115	Guinea	3.1			
46	United Kingdom	4.4				116	Venezuela	3.1			
47	Armenia	4.4				117	Colombia	3.1			
48	Serbia	4.4				118	Kyrgyz Republic	3.0			
49	China	4.4				119	El Salvador	3.0			
50	Mauritius	4.4				120	Chad	3.0			
51	Poland	4.4				121	Namibia	2.9			
52	Indonesia	4.4				122	Uruguay	2.9			
53	Tunisia	4.4				123	Mauritania	2.9			
54	Zimbabwe	4.4				124	Haiti	2.8			
55	Costa Rica	4.3				125	Bolivia	2.8			
56	Seychelles	4.3				126	Mexico	2.8			
57	Czech Republic	4.3				127	Myanmar	2.8			
58	Russian Federation	4.3				128	Malawi	2.7			
59	Rwanda	4.3				129	Tanzania	2.6			
60	Macedonia, FYR	4.3				130	Egypt	2.6			
61	Greece	4.3				131	Nigeria	2.6			
62	Bulgaria	4.2				132	Mozambique	2.5			
63	India	4.2				133	Brazil	2.5			
64	Jordan	4.2				134	Guatemala	2.4			
65	Vietnam	4.2				135	Nicaragua	2.3			
66	Cameroon	4.1				136	Peru	2.2			
67	Philippines	4.1				137	Dominican Republic	2.2			
68	Israel	4.1				138	Paraguay	2.1			
69	Saudi Arabia	4.1				139	South Africa	2.0			
70	Guyana	4.1									

SOURCE: World Economic Forum, Executive Opinion Survey, 2014 and 2015 editions

## 5.03 Secondary education enrollment rate

Secondary education gross enrollment rate (%) | 2013 or most recent

RANK	COUNTRY/ECONOMY	VALUE	RANK	COUNTRY/ECONOMY	VALUE
1	Belgium	163.1	71	Mongolia <sup>11</sup>	90.7
2	Finland	143.2	72	Montenegro <sup>12</sup>	90.3
3	Australia	137.6	73	Uruguay <sup>8</sup>	90.3
4	Spain	131.1	74	Tunisia	90.1
5	Netherlands	130.7	75	Guyana <sup>10</sup>	89.3
6	Denmark	129.8	76	Bosnia and Herzegovina <sup>9</sup>	89.0
7	Sweden	128.5	77	Iran, Islamic Rep. <sup>11</sup>	88.4
8	Ireland	126.5	78	Philippines	88.4
9	United Kingdom	124.4	79	Moldova	88.3
10	Costa Rica <sup>11</sup>	120.3	80	Tajikistan	87.9
11	Portugal	119.7	81	Mexico	87.0
12	New Zealand	117.2	82	Thailand	86.2
13	Turkey	114.6	83	Egypt	86.0
14	Norway	113.0	84	Trinidad and Tobago <sup>2</sup>	85.5
15	Iceland <sup>10</sup>	111.2	85	Malta <sup>11</sup>	85.5
16	Slovenia	110.9	86	Bolivia	84.7
17	France	110.9	87	Jordan <sup>10</sup>	84.3
18	Latvia	110.5	88	Bhutan <sup>11</sup>	84.2
19	Canada <sup>10</sup>	110.3	89	Botswana	83.9
20	Qatar <sup>9</sup>	109.4	90	Jamaica <sup>11</sup>	83.0
21	Kazakhstan <sup>12</sup>	109.1	91	Indonesia	82.5
22	Poland	108.7	92	Macedonia, FYR <sup>10</sup>	82.0
23	Estonia	108.6	93	Dominican Republic <sup>11</sup>	78.4
24	Saudi Arabia <sup>11</sup>	108.3	94	El Salvador	78.1
25	Hungary	108.2	95	Paraguay <sup>10</sup>	76.6
26	Greece	108.2	96	Panama	75.5
27	Singapore	107.6	97	Vietnam <sup>3</sup>	75.2
28	Argentina	106.3	98	Seychelles <sup>11</sup>	74.6
29	Lithuania	105.4	99	Nicaragua <sup>8</sup>	74.2
30	Czech Republic	104.4	100	Malaysia	71.1
31	Ecuador <sup>11</sup>	104.2	101	Ghana <sup>12</sup>	71.0
32	Azerbaijan <sup>11</sup>	102.8	102	Morocco <sup>10</sup>	69.1
33	Germany	102.5	103	India	68.9
34	Luxembourg	102.4	104	Honduras <sup>11</sup>	68.4
35	Italy	102.4	105	Lebanon	68.2
36	Japan	101.9	106	Haiti <sup>10</sup>	68.1
37	Israel	101.5	107	Kenya <sup>10</sup>	67.6
38	Bulgaria <sup>11</sup>	100.9	108	Nepal <sup>12</sup>	67.2
39	Hong Kong SAR <sup>11</sup>	100.6	109	Namibia <sup>5</sup>	64.8
40	Chile	100.5	110	Guatemala <sup>11</sup>	63.5
41	Taiwan, China	100.2	111	Swaziland	63.0
42	Algeria <sup>9</sup>	99.9	112	Bangladesh	58.3
43	Croatia <sup>10</sup>	99.8	113	Gambia, The <sup>8</sup>	57.5
44	Sri Lanka	99.7	114	Lao PDR <sup>11</sup>	57.2
45	Oman <sup>10</sup>	99.6	115	Cameroon <sup>11</sup>	56.4
46	Georgia <sup>11</sup>	99.4	116	Benin <sup>11</sup>	54.4
47	Cyprus <sup>11</sup>	99.4	117	Gabon	53.3
48	Bahrain <sup>4</sup>	99.4	118	Lesotho <sup>11</sup>	52.2
49	Brazil <sup>9</sup>	99.4	119	Myanmar <sup>11</sup>	51.3
50	Austria <sup>11</sup>	99.3	120	Zimbabwe <sup>10</sup>	46.7
51	Ukraine <sup>11</sup>	99.2	121	Cambodia <sup>6</sup>	45.1
52	Colombia <sup>7</sup>	99.2	122	Nigeria <sup>8</sup>	43.8
53	Russian Federation	98.8	123	Mali <sup>11</sup>	43.5
54	South Africa	98.2	124	Pakistan <sup>11</sup>	41.6
55	Mauritius <sup>11</sup>	97.9	125	Rwanda	40.2
56	Romania	97.9	126	Côte d'Ivoire <sup>11</sup>	40.1
57	Korea, Rep. <sup>11</sup>	97.7	127	Senegal <sup>9</sup>	40.1
58	Armenia <sup>7</sup>	96.6	128	Malawi <sup>11</sup>	39.5
59	Albania <sup>11</sup>	96.4	129	Guinea <sup>11</sup>	38.8
60	China	96.2	130	Madagascar <sup>11</sup>	38.4
61	Switzerland <sup>10</sup>	96.2	131	Burundi <sup>11</sup>	37.9
62	United States	95.9	132	Liberia <sup>11</sup>	37.9
63	Peru <sup>11</sup>	95.6	133	Ethiopia <sup>10</sup>	36.2
64	Serbia <sup>11</sup>	94.3	134	Tanzania	32.3
65	Cape Verde <sup>11</sup>	92.6	135	Mauritania <sup>11</sup>	29.9
66	Kuwait	92.5	136	Uganda	27.6
67	United Arab Emirates <sup>4</sup>	92.3	137	Mozambique <sup>11</sup>	24.5
68	Slovak Republic	91.8	138	Chad <sup>10</sup>	22.4
69	Venezuela <sup>11</sup>	91.6	n/a	Zambia	n/a
70	Kyrgyz Republic <sup>11</sup>	90.8			

**SOURCES:** United Nations Education, Science and Culture Organization (UNESCO), UNESCO Institute for Statistics Data Centre (retrieved December 15, 2015), <http://data.uis.unesco.org/>; and Education for All Global Monitoring Monitor 2013; United Nations Children's Fund (UNICEF), Education Statistics; SITEAL - Sistema de Información de tendencias Educativas de América Latina; national sources

<sup>1</sup> 2002 <sup>2</sup> 2004 <sup>3</sup> 2005 <sup>4</sup> 2006 <sup>5</sup> 2007 <sup>6</sup> 2008 <sup>7</sup> 2009 <sup>8</sup> 2010 <sup>9</sup> 2011 <sup>10</sup> 2012 <sup>11</sup> 2014 <sup>12</sup> 2015

## 5.04 Adult literacy rate

Adult literacy rate (%) | 2015 or most recent

RANK	COUNTRY/ECONOMY	VALUE	RANK	COUNTRY/ECONOMY	VALUE
1	Latvia.....	99.9	71	Honduras.....	88.5
2	Estonia.....	99.8	72	Botswana.....	88.5
3	Lithuania.....	99.8	73	El Salvador.....	88.4
4	Azerbaijan.....	99.8	74	Cape Verde.....	87.6
5	Poland.....	99.8	75	Swaziland.....	87.5
6	Kazakhstan.....	99.8	76	Iran, Islamic Rep.....	86.8
7	Tajikistan.....	99.8	77	Zimbabwe.....	86.5
8	Armenia.....	99.8	78	Burundi.....	85.6
9	Ukraine.....	99.8	79	Gabon.....	83.2
10	Georgia.....	99.8	80	Nicaragua.....	82.8
11	Russian Federation.....	99.7	81	Namibia.....	81.9
12	Slovenia.....	99.7	82	Tunisia.....	81.8
13	Slovak Republic.....	99.6	83	Tanzania.....	80.3
14	Kyrgyz Republic.....	99.5	84	Algeria.....	80.2
15	Moldova.....	99.4	85	Lao PDR.....	79.9
16	Croatia.....	99.3	86	Lesotho.....	79.4
17	Italy.....	99.2	87	Guatemala.....	79.3
18	Cyprus.....	99.1	88	Kenya.....	78.0
19	Hungary.....	99.1	89	Cambodia.....	77.2
20	Trinidad and Tobago.....	99.0	90	Ghana.....	76.6
21	Romania.....	98.8	91	Egypt.....	75.2
22	Montenegro.....	98.7	92	Cameroon.....	75.0
23	Taiwan, China <sup>1</sup> .....	98.5	93	Uganda.....	73.9
24	Bosnia and Herzegovina.....	98.5	94	Morocco.....	72.4
25	Uruguay.....	98.4	95	India.....	72.1
26	Bulgaria.....	98.4	96	Rwanda.....	70.5
27	Mongolia.....	98.4	97	Malawi.....	65.8
28	Serbia.....	98.1	98	Bhutan.....	64.9
29	Spain.....	98.1	99	Nepal.....	64.7
30	Argentina.....	98.1	100	Madagascar.....	64.7
31	Macedonia, FYR.....	97.8	101	Zambia.....	63.4
32	Qatar.....	97.8	102	Bangladesh.....	61.5
33	Costa Rica.....	97.8	103	Haiti.....	60.7
34	Greece.....	97.7	104	Nigeria.....	59.6
35	Albania.....	97.6	105	Mozambique.....	58.8
36	Chile.....	97.3	106	Pakistan.....	58.7
37	Singapore.....	96.8	107	Senegal.....	55.7
38	Jordan.....	96.7	108	Gambia, The.....	55.5
39	Thailand.....	96.7	109	Mauritania.....	52.1
40	China.....	96.4	110	Ethiopia.....	49.1
41	Philippines.....	96.3	111	Liberia.....	47.6
42	Kuwait.....	96.2	112	Côte d'Ivoire.....	43.1
43	Bahrain.....	95.7	113	Chad.....	40.2
44	Portugal.....	95.7	114	Mali.....	38.7
45	Bolivia.....	95.7	115	Benin.....	38.4
46	Paraguay.....	95.6	116	Guinea.....	30.4
47	Venezuela.....	95.4	n/a	Australia <sup>2</sup> .....	n/a
48	Seychelles.....	95.2	n/a	Austria <sup>2</sup> .....	n/a
49	Panama.....	95.0	n/a	Belgium <sup>2</sup> .....	n/a
50	Turkey.....	95.0	n/a	Canada <sup>2</sup> .....	n/a
51	Oman.....	94.8	n/a	Czech Republic <sup>2</sup> .....	n/a
52	Colombia.....	94.7	n/a	Denmark <sup>2</sup> .....	n/a
53	Saudi Arabia.....	94.7	n/a	Finland <sup>2</sup> .....	n/a
54	Malaysia.....	94.6	n/a	France <sup>2</sup> .....	n/a
55	Vietnam.....	94.5	n/a	Germany <sup>2</sup> .....	n/a
56	Peru.....	94.5	n/a	Hong Kong SAR <sup>2</sup> .....	n/a
57	Ecuador.....	94.5	n/a	Iceland <sup>2</sup> .....	n/a
58	Mexico.....	94.4	n/a	Ireland <sup>2</sup> .....	n/a
59	South Africa.....	94.3	n/a	Israel <sup>2</sup> .....	n/a
60	Malta.....	94.1	n/a	Japan <sup>2</sup> .....	n/a
61	Lebanon.....	93.9	n/a	Korea, Rep. <sup>2</sup> .....	n/a
62	Indonesia.....	93.9	n/a	Luxembourg <sup>2</sup> .....	n/a
63	United Arab Emirates.....	93.8	n/a	Netherlands <sup>2</sup> .....	n/a
64	Myanmar.....	93.1	n/a	New Zealand <sup>2</sup> .....	n/a
65	Sri Lanka.....	92.6	n/a	Norway <sup>2</sup> .....	n/a
66	Brazil.....	92.6	n/a	Sweden <sup>2</sup> .....	n/a
67	Dominican Republic.....	91.8	n/a	Switzerland <sup>2</sup> .....	n/a
68	Mauritius.....	90.6	n/a	United Kingdom <sup>2</sup> .....	n/a
69	Jamaica.....	88.7	n/a	United States <sup>2</sup> .....	n/a
70	Guyana.....	88.5			

**SOURCES:** United Nations Education, Science and Culture Organization (UNESCO), UNESCO Institute for Statistics Data Centre (retrieved December 15, 2015), <http://data.uis.unesco.org/>; national sources

<sup>1</sup> 2014

<sup>2</sup> See the "Technical Notes and Sources" section.