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2.10 World Development Indicators: Education inputs

	Public expenditure per student						Public expenditure on education		Trained teachers in primary education	Primary school pupil-teacher ratio
	Primary % of GDP per capita		Secondary % of GDP per capita		Tertiary % of GDP per capita		% of GDP	% of total government expenditure	% of total	pupils per teacher
	1999	2012	1999	2012	1999	2012				
Afghanistan	..	..	..	..	..	..	..	..	..	44
Albania	..	..	..	..	..	..	..	..	..	19
Algeria	12.4	..	21.5	..	..	..	..	..	..	23
American Samoa	..	..	..	..	..	..	..	..	..	..
Andorra	..	..	..	..	..	..	..	..	100.0	10
Angola	..	..	..	..	..	..	3.5	8.9	47.5	43
Antigua and Barbuda	..	..	..	..	..	..	..	..	60.1	14
Argentina	12.9	17.6	18.2	27.5	17.7	18.6	6.3	15.3	..	..
Armenia	..	16.2	..	17.7	..	7.2	3.3	13.7	..	..
Aruba	11.6	16.5	18.6	22.4	31.5	32.5	6.0	..	99.5	15
Australia	16.7	22.5	13.9	19.9	25.9	21.5	5.6	14.3	..	..
Austria	24.9	25.9	30.0	29.6	51.7	39.3	5.9	11.2	..	11
Azerbaijan	..	..	..	..	..	18.0	2.4	7.2	100.0	12
Bahamas, The	..	..	..	..	..	..	..	..	91.5	14
Bahrain	..	..	..	..	..	..	2.6	8.9	82.1	12
Bangladesh	..	..	11.8	13.9	47.6	20.0	..	..	57.7	40
Barbados	10.4	..	17.2	25.0	52.4	40.3	5.6	13.4	55.4	13
Belarus	..	..	..	..	..	14.8	5.1	..	99.6	15
Belgium	18.2	23.0	23.7	37.8	38.2	35.7	6.6	12.5	..	11
Belize	16.5	17.4	17.6	25.0	..	24.6	6.6	21.8	54.3	22
Benin	12.0	15.0	24.5	..	212.2	..	5.3	26.1	60.5	44
Bermuda	..	12.0	..	17.8	..	18.4	2.6	..	100.0	9
Bhutan	..	9.5	..	31.5	..	67.0	4.7	11.3	..	24
Bolivia	14.5	18.5	12.0	19.5	45.1	..	6.9	19.5	..	..
Bosnia and Herzegovina	..	..	..	..	..	..	..	..	..	..
Botswana	..	..	..	..	..	..	..	..	..	..
Brazil	..	..	..	..	57.2	28.4	5.8	..	..	..
Brunei Darussalam	..	5.2	..	8.1	..	58.4	3.3	..	88.0	11
Bulgaria	14.0	23.2	16.1	24.9	14.4	15.9	4.1	11.2	..	17
Burkina Faso	..	15.4	..	17.1	..	190.7	3.4	14.4	94.8	48
Burundi	12.5	12.6	55.9	33.5	1,079.3	386.4	5.8	..	95.0	47
Cabo Verde	..	15.4	..	14.8	..	34.8	5.0	15.2	94.6	23
Cambodia	5.7	6.9	10.9	..	75.5	27.8	2.6	13.1	100.0	46
Cameroon	..	6.1	..	20.9	..	41.6	3.2	14.9	78.8	46
Canada	..	..	..	..	44.0	..	5.4	12.2	..	..
Cayman Islands	..	..	..	..	..	..	..	..	94.8	12
Central African Republic	..	4.4	..	..	..	111.1	1.2	7.8	57.9	80
Chad	9.3	5.8	29.2	20.9	440.1	182.4	2.3	10.1	62.0	61
Channel Islands	..	..	..	..	..	..	..	..	..	..
Chile	13.7	16.8	14.1	17.9	18.4	14.9	4.5	19.4	..	21
China	6.0	..	11.5	..	90.0	..	..	..	..	18
Hong Kong SAR, China	12.2	14.2	17.4	17.3	..	30.3	3.5	18.2	95.8	14
Macao SAR, China	8.3	..	11.2	..	59.7	28.5	2.7	..	88.0	14
Colombia	15.2	15.4	16.1	15.2	37.8	23.5	4.4	15.8	100.0	25
Comoros	9.2	..	..	..	..	..	..	..	55.2	28
Congo, Dem. Rep.	..	4.9	..	15.1	..	..	2.5	..	93.5	35
Congo, Rep.	..	11.2	..	..	..	..	6.2	29.0	80.3	44
Costa Rica	15.5	..	21.4	..	..	..	..	..	91.4	17
Cote d'Ivoire	13.9	..	40.2	..	137.2	..	..	..	99.4	42
Croatia	..	..	..	..	35.8	23.3	4.3	9.9	..	14
Cuba	25.1	49.3	37.2	52.1	77.8	63.0	12.8	..	100.0	9
Curacao	..	..	..	..	..	..	..	..	..	..
Cyprus	17.1	34.1	28.2	40.7	47.9	38.3	7.3	15.8	..	13
Czech Republic	10.8	15.6	21.0	24.4	32.7	23.0	4.2	9.7	..	19
Denmark	24.6	..	38.1	..	65.9	..	..	..	..	..
Djibouti	43.0	..	..	..	..	..	..	12.5	96.0	35
Dominica	..	15.6	..	15.5	..	..	..	..	60.7	16
Dominican Republic	..	9.2	..	8.5	..	..	2.2	10.8	85.1	24



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	Public expenditure per student						Public expenditure on education		Trained teachers in primary education	Primary school pupil-teacher ratio
	Primary		Secondary		Tertiary		% of GDP	% of total government expenditure	% of total	pupils per teacher
	% of GDP per capita		% of GDP per capita		% of GDP per capita					
	1999	2012	1999	2012	1999	2012	2012	2012	2012	2012
Ecuador	3.9	8.6	8.5	17.6	..	..	4.4	10.3	83.8	18
Egypt, Arab Rep.	..	..	..	..	..	..	..	..	..	28
El Salvador	8.6	9.8	7.5	11.3	8.9	11.2	3.4	15.9	95.6	29
Equatorial Guinea	1.1	..	2.8	..	..	..	..	..	48.8	26
Eritrea	14.7	..	36.8	..	423.6	..	..	..	89.6	41
Estonia	20.9	25.6	27.2	31.9	31.8	23.9	5.7	12.7	..	12
Ethiopia	..	19.2	..	10.4	..	24.6	4.7	24.4	56.8	54
Faeroe Islands	..	..	..	..	..	..	..	..	..	..
Fiji	..	16.0	..	5.8	..	9.8	4.2	14.9	100.0	31
Finland	17.4	21.1	25.9	36.5	40.5	38.5	6.8	12.3	..	14
France	17.9	18.7	29.5	29.2	30.7	38.4	5.9	10.4	..	18
French Polynesia	..	..	..	..	..	..	..	..	..	..
Gabon	..	..	..	..	..	..	..	..	..	25
Gambia, The	4.7	17.9	..	13.1	..	..	4.1	13.8	63.5	34
Georgia	..	10.7	..	..	..	17.3	2.0	6.7	..	6
Germany	17.0	18.3	20.7	24.7	..	..	5.1	10.6	..	12
Ghana	17.3	..	39.7	..	..	..	8.1	33.1	52.3	33
Greece	..	..	15.6	..	26.5	..	..	..	..	..
Greenland	..	..	..	..	..	..	..	..	..	..
Grenada	..	..	..	..	..	..	..	..	65.3	16
Guam	..	..	..	..	..	..	..	..	..	..
Guatemala	6.6	9.2	4.3	4.8	..	..	3.0	21.1	..	26
Guinea	..	7.7	..	9.9	..	93.4	2.5	9.5	74.5	44
Guinea-Bissau	..	..	..	..	..	..	..	..	38.9	52
Guyana	..	8.2	..	9.8	..	14.5	3.2	10.1	69.6	23
Haiti	..	..	..	..	..	..	..	..	..	..
Honduras	..	18.3	..	..	..	44.1	..	..	..	..
Hungary	17.9	22.5	19.0	21.8	34.1	25.3	4.9	9.8	..	11
Iceland	22.0	26.5	19.1	21.1	39.0	28.7	7.6	15.9	..	10
India	11.8	6.9	24.6	12.6	94.0	51.4	3.2	10.4	..	35
Indonesia	..	8.8	..	7.7	..	23.8	2.8	15.0	..	16
Iran, Islamic Rep.	9.4	12.4	10.2	16.3	35.8	17.6	3.7	16.1	..	..
Iraq	..	..	..	..	..	..	..	..	..	..
Ireland	11.0	20.0	16.8	28.8	28.5	32.8	6.4	9.8	..	16
Isle of Man	..	..	..	..	..	..	..	..	..	..
Israel	22.4	21.7	19.8	15.4	30.9	20.0	5.6	13.5	..	13
Italy	23.9	24.1	27.6	25.3	27.4	25.8	4.5	8.9	..	..
Jamaica	..	21.7	..	25.8	70.4	37.1	6.1	..	0.0	23
Japan	20.8	23.4	20.6	25.3	14.9	24.2	3.8	9.7	..	17
Jordan	13.7	22.5	15.8	22.0	..	..	..	..	..	..
Kazakhstan	..	..	..	..	..	..	..	..	..	16
Kenya	21.4	..	14.4	..	208.0	..	6.7	23.7	..	..
Kiribati	26.0	..	..	..	..	..	..	..	..	..
Korea, Dem. Rep.	..	..	..	..	..	..	..	..	..	..
Korea, Rep.	18.4	..	15.7	..	8.4	..	..	..	..	19
Kosovo	..	..	..	..	..	..	..	..	..	..
Kuwait	16.7	16.8	..	20.9	..	..	..	..	77.7	9
Kyrgyz Republic	..	..	..	..	24.2	18.9	6.8	18.7	72.0	24
Lao PDR	2.3	..	4.5	..	68.7	..	2.8	13.2	97.2	27
Latvia	19.5	28.2	23.7	29.3	27.9	15.9	5.0	11.6	..	11
Lebanon	..	..	..	3.7	11.8	14.1	2.2	7.1	10.1	14
Lesotho	34.7	..	77.1	..	873.2	..	..	..	67.5	34
Liberia	..	..	..	..	..	9.3	2.8	..	56.4	27
Libya	..	..	..	..	23.3	..	..	..	..	..
Liechtenstein	..	..	..	..	..	..	..	..	..	8
Lithuania	..	24.3	..	23.3	34.2	20.8	5.4	12.9	..	12
Luxembourg	..	24.8	..	20.3	..	..	..	..	..	9
Macedonia, FYR	..	..	..	..	..	..	..	..	..	16
Madagascar	5.9	6.5	..	8.3	154.2	102.0	2.7	18.2	95.1	43
Malawi	13.5	7.8	9.7	33.2	2,524.6	1,754.0	5.4	14.9	78.2	74
Malaysia	12.6	17.1	21.9	19.9	81.7	60.9	5.9	20.9	..	12
Maldives	..	..	..	..	..	..	6.8	15.8	77.5	11
Mali	13.9	13.5	54.3	31.2	233.6	168.4	4.8	19.5	52.4	48
Malta	11.1	24.9	..	35.4	40.8	60.5	6.9	16.1	..	13
Marshall Islands	..	..	..	..	..	..	..	..	..	..



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	Primary		Secondary		Tertiary		% of GDP	% of total government expenditure	% of total	pupils per teacher
	% of GDP per capita		% of GDP per capita		% of GDP per capita					
	1999	2012	1999	2012	1999	2012	2012	2012	2012	2012
Mauritania	10.1	11.5	32.6	23.2	88.1	108.5	3.7	13.0	100.0	40
Mauritius	9.3	10.5	14.2	19.0	25.4	8.8	3.5	15.0	100.0	21
Mexico	10.2	14.8	12.4	15.9	41.6	42.4	5.2	19.4	95.6	28
Micronesia, Fed. Sts.	..	..	..	..	0.0	..	..	..	..	..
Moldova	..	39.5	..	37.9	..	42.0	8.4	20.8	..	16
Monaco	3.2	4.0	6.9	10.0	..	..	1.6	..	..	..
Mongolia	..	18.6	..	16.4	..	3.4	5.5	12.2	99.4	29
Montenegro	..	..	..	..	..	..	..	..	..	8
Morocco	17.4	..	45.4	..	96.9	..	..	..	100.0	26
Mozambique	..	..	..	..	1,413.9	..	..	..	83.6	55
Myanmar	..	..	7.2	..	29.1	11.8	0.8	4.4	99.9	28
Namibia	22.2	17.6	36.5	..	157.9	..	8.4	23.7	97.6	41
Nepal	8.6	..	12.5	..	134.6	35.4	4.7	22.7	92.6	28
Netherlands	15.2	18.2	22.3	25.9	47.4	36.9	5.9	12.0	..	..
New Caledonia	..	..	..	..	..	..	..	..	..	..
New Zealand	19.8	21.5	23.6	23.2	39.2	32.4	7.4	18.7	..	15
Nicaragua	..	11.5	..	7.6	..	..	4.6	..	74.9	30
Niger	..	20.5	..	49.2	..	544.4	4.2	21.7	97.1	39
Nigeria	..	..	..	..	..	..	..	..	66.1	38
Northern Mariana Islands	..	..	..	..	..	..	..	..	..	..
Norway	21.8	21.1	30.3	27.3	45.9	44.3	6.9	15.3	..	..
Oman	10.3	14.1	20.1	15.9	53.6	..	..	..	..	..
Pakistan	..	..	..	..	..	..	2.1	9.9	83.9	41
Palau	..	..	..	..	60.4	..	..	..	..	..
Panama	14.2	7.0	19.7	10.3	34.8	21.8	3.5	12.9	90.4	23
Papua New Guinea	..	..	..	..	..	..	..	..	..	..
Paraguay	11.7	11.6	15.9	17.0	50.9	31.4	4.8	..	..	22
Peru	7.6	8.7	10.8	10.6	22.4	9.0	2.8	..	..	19
Philippines	12.0	..	10.3	..	14.4	..	..	..	..	..
Poland	..	27.4	10.9	24.7	21.1	20.9	5.2	11.4	..	10
Portugal	18.7	22.0	26.5	36.5	27.1	31.4	5.6	10.9	..	11
Puerto Rico	..	..	..	..	..	..	..	..	..	12
Qatar	..	..	..	..	..	..	..	..	..	10
Romania	..	..	..	..	32.6	..	..	..	..	17
Russian Federation	..	..	..	..	10.9	..	..	..	..	..
Rwanda	11.6	8.1	44.3	36.4	1,273.2	98.9	4.8	17.7	95.6	59
Samoa	9.1	..	10.0	..	211.9	..	..	..	..	30
San Marino	..	..	..	..	..	..	..	9.9	0.0	6
Sao Tome and Principe	..	..	..	..	..	..	9.5	19.3	..	29
Saudi Arabia	..	..	..	..	91.7	..	..	..	..	11
Senegal	11.7	17.0	35.2	29.0	..	193.5	5.6	20.7	47.9	32
Serbia	..	54.9	..	14.1	..	44.7	4.8	10.6	55.7	16
Seychelles	8.6	8.6	24.0	7.1	..	538.1	3.6	10.2	..	13
Sierra Leone	..	6.9	..	..	..	..	2.9	14.1	54.6	33
Singapore	..	11.2	..	17.0	..	26.9	3.2	21.0	..	..
Sint Maarten (Dutch part)	..	..	..	..	..	..	..	..	..	..
Slovak Republic	10.2	22.3	18.4	19.6	32.9	19.2	4.2	10.6	..	15
Slovenia	26.1	31.1	25.6	31.3	27.8	24.4	5.7	12.1	..	17
Solomon Islands	..	12.9	..	..	..	..	7.3	..	54.3	24
Somalia	..	..	..	..	..	..	..	..	..	..
South Africa	14.2	17.5	20.0	19.7	..	..	6.0	18.1	..	30
South Sudan	..	..	..	..	..	..	..	..	..	..
Spain	18.0	21.5	24.4	26.6	19.6	28.6	5.0	10.7	..	13
Sri Lanka	..	4.8	..	6.9	..	24.2	1.7	8.8	82.4	24
St. Kitts and Nevis	18.4	..	..	..	..	..	..	..	60.6	16
St. Lucia	26.9	16.3	24.7	22.8	..	15.0	4.1	11.6	87.8	17
St. Martin (French part)	..	..	..	..	..	..	..	..	..	..
St. Vincent and the Grenadines	21.6	17.4	22.4	18.5	..	..	5.1	15.5	85.3	16



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	Public expenditure per student						Public expenditure on education		Trained teachers in primary education	Primary school pupil-teacher ratio
	Primary		Secondary		Tertiary		% of GDP	% of total government expenditure	% of total	pupils per teacher
	% of GDP per capita		% of GDP per capita		% of GDP per capita					
	1999	2012	1999	2012	1999	2012	2012	2012	2012	2012
Sudan	..	..	..	..	..	..	..	..	..	..
Suriname	..	..	..	..	..	..	..	..	..	15
Swaziland	8.3	19.9	23.2	40.8	434.9	..	8.3	23.9	78.2	29
Sweden	22.3	27.6	26.1	31.9	51.7	41.8	7.0	13.3	..	9
Switzerland	22.3	23.3	26.8	27.9	52.8	41.7	5.2	16.0	..	..
Syrian Arab Republic	11.1	16.3	21.5	13.7	..	..	..	..	..	..
Tajikistan	..	..	..	..	..	13.5	3.9	14.6	93.9	23
Tanzania	..	..	..	16.2	..	870.9	6.2	21.2	96.6	46
Thailand	17.8	..	18.9	25.9	36.0	21.3	5.8	24.0	..	..
Timor-Leste	..	..	..	..	..	67.4	9.4	..	..	31
Togo	7.9	9.4	28.2	15.7	280.0	73.8	4.5	18.6	83.4	42
Tonga	..	..	..	..	0.0	..	..	..	..	21
Trinidad and Tobago	10.4	..	..	..	..	..	..	..	..	..
Tunisia	14.2	..	24.6	..	81.1	52.3	6.2	17.3	100.0	17
Turkey	..	..	..	..	35.1	..	..	..	..	..
Turkmenistan	..	..	..	..	..	..	..	..	..	..
Turks and Caicos Islands	..	..	..	..	..	..	..	..	..	..
Tuvalu	..	..	..	..	..	..	..	..	..	..
Uganda	..	7.6	..	..	..	45.6	3.3	14.0	94.8	48
Ukraine	..	28.1	..	27.5	36.5	37.7	6.2	13.5	99.9	16
United Arab Emirates	5.9	..	8.0	..	..	..	..	..	100.0	18
United Kingdom	13.7	26.2	23.4	33.6	25.2	25.5	6.2	13.3	..	17
United States	17.0	22.1	21.4	24.3	25.8	20.9	5.4	12.7	..	14
Uruguay	7.2	..	10.5	..	18.5	..	4.5	..	..	14
Uzbekistan	..	..	..	..	..	..	..	..	100.0	16
Vanuatu	11.3	..	71.7	..	117.9	..	..	..	..	22
Venezuela, RB	..	..	..	..	..	..	..	..	..	..
Vietnam	..	25.3	..	..	..	39.8	6.3	20.9	99.6	19
Virgin Islands (U.S.)	..	..	..	..	..	..	..	..	..	..
West Bank and Gaza	..	..	..	..	..	..	..	..	100.0	24
Yemen, Rep.	..	17.1	..	11.2	..	..	..	..	..	30
Zambia	6.9	..	..	..	158.0	..	..	..	..	49
Zimbabwe	..	..	..	..	..	78.9	2.5	8.7	..	..
World	..	17.6	..	..	..	29.5	4.9	13.9	..	24
Low income	..	..	..	..	..	..	4.2	16.1	78.5	43
Middle income	..	..	..	..	..	..	4.8	..	..	24
Lower middle income	..	..	..	..	..	..	4.3	..	..	31
Upper middle income	..	..	..	..	..	..	4.9	..	..	19
Low & middle income	..	..	..	..	..	..	4.3	16.1	..	27
East Asia & Pacific	..	..	..	..	37.3	27.8	4.4	16.1	..	18
Europe & Central Asia	..	..	..	..	..	..	..	..	93.0	19
Latin America & Caribbean	12.0	10.4	14.5	15.9	36.8	29.0	4.5	..	86.1	21
Middle East & North Africa	..	..	..	..	..	..	..	..	..	23
South Asia	..	..	12.5	12.6	94.0	31.8	2.2	10.0	..	..
Sub-Saharan Africa	..	12.8	..	..	..	..	4.3	18.1	75.3	43
High income	18.4	22.2	23.5	27.0	30.8	25.9	5.5	12.3	..	14
Euro area	18.0	22.3	25.1	29.3	29.6	32.1	5.7	11.2	..	13

Most Recent Value (MRV) if data for the specified year or full period are not available; or growth rate is calculated for less than the full period.



About the Data

Expenditure per student, primary (% of GDP per capita)

Long definition

Public expenditure per student is the public current spending on education divided by the total number of students by level, as a percentage of GDP per capita. Public expenditure (current and capital) includes government spending on educational institutions (both public and private), education administration as well as subsidies for private entities (students/households and other private entities).

Source

United Nations Educational, Scientific, and Cultural Organization (UNESCO) Institute for Statistics.

Public spending on education, total (% of GDP)

Long definition

Public expenditure on education consists of current and capital public expenditure on education includes government spending on educational institutions (both public and private) education administration as well as subsidies for private entities (students/households and other private entities).

Source

United Nations Educational, Scientific, and Cultural Organization (UNESCO) Institute for Statistics.

Trained teachers in primary education (% of total teachers)

Long definition

Trained teachers in primary education are the percentage of primary school teachers who have received the minimum organized teacher training (pre-service or in-service) required for teaching in their country.

Source

United Nations Educational, Scientific, and Cultural Organization, special data collection for the Education for All Initiative.

Pupil-teacher ratio, primary

Long definition

Primary school pupil-teacher ratio is the number of pupils enrolled in primary school divided by the number of primary school teachers (regardless of their teaching assignment).

Source

United Nations Educational, Scientific, and Cultural Organization (UNESCO) Institute for Statistics.

Please see the online table at <http://wdi.worldbank.org/table/2.10> for observation-level metadata, which can be downloaded in Excel.