

2.11 Education inputs

				openditure tudent				xpenditure ucation	Trained teachers in primary education	Primary school pupil-teacher ratio
		Primary	% of GDP per capita Secondary		Tertiary		% of GDP	% of total government expenditure	% of total	pupils per teacher
	1991	2007 ^a	1999	2007 ^a	1999	2007 ^a	2007 ^a	2007 ^a	2007 ^a	2007 ^a
Afghanistan										
Albania										
Algeria	26.5								99.2	24
Angola		3.7		36.9		78.3	2.6			41
Argentina		12.0		19.6	17.7					17
Armenia							2.7	15.0	77.5	19
Australia		17.3	15.4	15.4	27.2	23.1	4.8			
Austria	18.2	23.5	29.9	26.3	51.6	50.0	5.4	10.9		12
Azerbaijan		••	15.4				2.6	12.6		13
Bangladesh			13.4		50.1	46.2	2.6	15.8		
Belgium	30.1	14.4		27.0		18.3	5.2	9.3	99.8	16
Belgium	15.8	20.2	23.7	33.4	38.3	35.1 165.4	6.0 3.9	12.1	71.8	11 44
Belivie	••	13.4	26.3	••	170.4		·····		•••••	
Bolivia Bosnia and Herzegovina		••	11.7	••	44.1	••	••	••	••	**
Botswana		16.1		41.2		449.6	8.1	21.0	86.9	24
Brazil		15.4	9.5	13.2	57.1	35.1	4.5	14.5	•••••	21
Bulgaria		24.5	18.8	23.4	17.9	24.8	4.5			16
Burkina Faso		36.0		23.3		236.5	4.5	15.4	87.7	48
Burundi	13.4	19.9		77.5	1,078.2	363.1	5.1	17.7	87.4	52
Cambodia			11.5		43.7	8.5	1.6	12.4	98.4	51
Cameroon		7.6	16.8	41.6	64.4	126.3	3.9	17.0	36.3	44
Canada					47.1		4.9			
Central African Republic	11.9	7.5				305.2	1.4	••		102 ^b
Chad	8.0	7.1	28.3	29.2		348.2	1.9	10.1	26.8	60
Chile		11.1	14.8	12.4	19.4	11.8	3.2	16.0		26
China		••	11.5		90.1					18
Hong Kong, China		12.5	17.7	16.5		47.3	3.5	23.2	94.6	17
Colombia		15.6	16.9	12.6	39.6	52.7	4.9	12.6	••	28
Congo, Dem. Rep.		••							96.0	38
Congo, Rep.		3.0	**		379.5		1.8	8.1	86.6	58
Costa Rica	7.8		23.2		55.0		4.9	20.6	89.5	19
Côte d'Ivoire			55.5		216.6				100.0	41
Croatia					41.5		4.6	9.3		17
Cuba	21.6	51.1	41.4	60.1	86.6	43.5	13.3	20.6	100.0	10
Czech Republic		12.6	21.7	22.9	33.7	27.2	4.3	9.5		16
Denmark		25.1	38.1	35.0	65.9	55.3	8.3	15.5		
Dominican Republic		10.3		4.7			2.4	11.0	88.3	24
Ecuador		••	9.7						71.6	23
Egypt, Arab Rep.							3.8	12.6		27
El Salvador		9.0	7.9	10.5	9.4	15.5	3.0	13.1	93.3	40
Eritrea		9.6	38.5	9.6	444.1		2.4		87.1	48
Estonia		19.4	27.9	23.0	32.6	18.3	4.9	14.6	••	11
Ethiopia	22.1	12.5	25.9	8.9	40.2	785.5	5.5	23.3		16
Finland	21.7	18.0	25.8	32.3	40.3	34.4	6.3	12.5		16 19
France Gabon	11.8	17.4	28.5	27.0		33.3	5.7	10.6		
Gambia, The	13.2		••	••		••	••	••	76.3	41
Georgia	•••••		••				2.7	7.8	•••••	
Germany	·	16.3	20.5	21.5			4.5	9.7	·•	14
Ghana		18.4		29.1		213.4	5.4		56.3	35
Greece	7.5	14.1	13.5	18.2	22.8	21.5	3.5	9.2		11
Guatemala		10.5	4.3	6.0		19.3	3.1			30
Guinea						192.9	1.7		98.8	45
Guinea-Bissau				••				••		
Haiti	9.1		••							

Education inputs

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					xpenditure tudent			Public expenditure on education		Trained teachers in primary education	Primary school pupil-teacher ratio
Hungary			-	Sec	ondary		-		government expenditure		pupils per teacher
Hungary 257		1991	2001-	1999	2007-	1999	2007-	2007	2001-	2007-	•
Incide Incide I	•	······			·····	•••	•••••		·····	•••••	
Indonesia	•	······							·····	•••••	
Iran, Isamine Rep. Iran, Isamine Rep. Iran Iran				••••••			•••••		·····	•	····
Iraq treiand 11.5 14.7 18.8 21.8 28.5 24.8 4.8 13.9 . 17 israel 1.9 24.7 22.4 20.5 31.7 23.1 6.3					·····	•••	•••••		· ·····	••	
Ireland 11.5 14.7 16.8 21.8 28.5 24.8 4.8 13.9 . 17 15 15 15 15 15 15 15 15 15 15 15 15 15	•			•••••			•••••	·····		•••••	
Italy 14.9 23.1 27.7 26.9 27.6 22.3 4.4 9.2 11 1 Jamaleca 9.9 14.6 23.6 21.5 79.0 5.3 8.8 28 Japan 9.9 14.6 23.6 21.5 79.0 5.3 8.8 28 Japan 1.2 22.2 20.9 22.4 15.1 19.2 3.5 9.5 19 Jordan 1.5 4 15.8 19.0 8.0 2.9 17 Kerya 6.2 24 15.2 22.1 20.9 4 71 17.9 40 Lordan 1.5 4 15.8 19.0 8.0 2.9 17 Kerya 7.2 17.9 8.0 19.0 17 Kerya 7.2 17.0 17.9 8.0 2.9 17 Kerya 7.2 18.8 18.8 15.7 23.4 8.4 9.3 4.4 15.3 27 8.5 Kwait 35.4 9.2 11.8 18.8 15.7 23.4 8.4 9.3 4.4 15.3 27 19.0 10.0 10 10 10 10 10 10 10 10 10 10 10 10 10	Ireland	·		•••••	·····	•••	•••••	·····		•••••	
Jamalea 9.9 14.6 23.6 21.5 79.0 . 5.3 8.8 . 28 Jaspan	Israel		20.7	22.4	20.5	31.7	23.1	6.3			13
Japan 222 2.99 224 15.1 19.2 3.5 9.5 19 Jordan 15.4 15.8 19.0 Kazakhstan Kerya 224 15.2 22.1 209.4 7.1 17.9 40 Korea, Den Rep. Korea, Epe. 11.8 18.8 15.7 23.4 8.4 9.3 4.4 15.3 10.0 100 Krygr Republic 9.1 4.3 4.7 66.5 25.2 3.2 15.8 89.7 30 Krygr Republic 9.1 4.3 4.7 66.5 25.2 3.2 15.8 89.7 30 Latvia 23.7 27.9 Lebanon 8.3 4.7 66.5 25.2 3.2 15.8 89.7 30 Latvia 23.7 27.9 Lebanon 8.3 8.8 14.2 14.8 2.7 9.6 12.2 14 Lebanon 25.0 71.6 49.8 1,295.1 1,141.5 13.3 29.8 66.1 40 Liberia 6.0 23.9 40.2° 24° Liblya 15.9 20.2 34.2 18.2 5.0 14.7 14 Macedonis, Fr 14 Madagasaar 9.5 12.7 182.1 145.2 3.4 16.4 55.2 49 Malaysia 10.1 22.6 84.3 Mallya 9.5 12.7 182.1 145.2 3.4 16.4 55.2 49 Maluritania 9.6 35.3 34.7 27.7 4.6 18.8 100.0 52 Maluritania 9.5 12.7 182.1 145.2 3.4 16.4 55.2 49 Maluritania 9.6 35.3 34.7 27.7 4.6 18.8 100.0 52 Maluritania 9.6 35.3 34.2 77.8 39.2 2.9 10.1 100.0 43 Maurittius 10.1 10.3 15.3 17.4 40.4 29.8 3.9 12.7 100.0 22 Maluritania 16.8 40.7 41.4 8.3 19.8 16 Molodos 33.6 40.7 41.4 8.3 19.8 1	Italy	14.9	23.1	27.7	26.9	27.6	22.3	4.4	9.2		11
	Jamaica	9.9	14.6	23.6	21.5	79.0		5.3	8.8		28
Kazakhstan	•					15.1	19.2	3.5	9.5		19
Kerya Korea, Den. Rep. 1.8 18.8 15.7 23.4 8.4 9.3 4.4 15.3 2.7 Kuwait 35.4 9.2 14.1 79.8 3.6 12.9 100.0 10 Kuwait 35.4 9.2 14.1 79.8 3.6 12.9 100.0 10 Kuwait 35.4 9.2 14.1 79.8 3.6 12.9 100.0 10 Lao PDR 9.1 4.3 4.7 66.5 25.2 3.2 11.8 89.7 30 Latvia Latvia 23.7 27.9			15.4	15.8	19.0		•••••	·····			
Korea, Rep. 11.8 18.8 15.7 23.4 8.4 9.3 4.4 15.3 27 Korea, Rep. 13.8 18.8 15.7 23.4 8.4 9.3 4.4 15.3 27 Korea, Rep. 13.8 18.8 15.7 23.4 8.4 9.3 4.4 15.3 27 Kuwait 35.4 9.2 14.1 79.8 3.6 12.9 100.0 10 Kyrgyr Republic 2 27.7 22.3 5.6 62.4 24 Lao PDR 9.1 4.3 4.7 66.5 25.2 3.5 15.8 88.7 34 Latvia 2 23.7 27.9 12 Lebanon 8.3 8.8 14.2 14.8 2.7 9.6 12.2 14 Lebanon 25.0 71.6 48.8 1,295.1 1,141.5 13.3 29.8 66.1 40 Liberia 6.0 23.9 40.2 24 Liberia 6.0 23.9 40.2 24 Liberia 15.9 20.2 34.2 18.2 5.0 14.7 14 Macedonia, FYR						•••	8.0				
Kuren, Rep. 11.8 18.8 15.7 23.4 8.4 9.3 4.4 15.3				••••••	·· ·	•••••	•••••	·····	·····	•	
Kuwalt 35.4 9.2 14.1 78.8 3.6 12.9 100.0 10 4.2 4.2 27.7 22.3 5.6 62.4 24 12.0 20.1 24.3 4.7 66.5 25.2 3.2 15.8 8.97 30 Latvia 23.7 27.9	***************************************	·		•••••	·····		••			•••••	····
Kyrgyz Pepublic 2.1 4.3 4.7 66.5 2.2 3.2 15.8 89.7 30 Latvia 2.7 27.9 1.2 14 Lebanon 8.3 8.8 11.2 11.4 21.3 29.8 66.1 40 Lesotho 6.0 25.1 1,141.5 13.3 29.8 66.1 40 Libya 22.2 34.2 18.2 15.0 14.7				••••••	······	•••••	•••••		· ······	••	
Lao PDR		······		••••••			•••••				
Latvia					···•		•••••			••	
Lebanon 8.3 8.8 14.2 14.8 2.7 9.6 12.2 14 Lesotho 25.0 71.6 48.8 1.295.1 1,141.5 13.3 29.8 66.1 40.0 Libria <	•						•••••			•••••	
Lesotho	•			••••••	····		•		· ··· ·····	•	
Liberia 6.0							•••••				
Lithyania 15.9 20.2 34.2 18.2 5.0 14.7 14 Macedonia, FYR	•	······		••••••		1,200.1			······································		
Lithuania	•			••••••		23.9	•••••			•••••	
Macedonia, FYR 1.2.7 182.1 145.2 3.4 16.4 55.2 49 Malagysia 10.1 </td <td>***************************************</td> <td></td> <td></td> <td>•••••</td> <td>·····</td> <td></td> <td>••</td> <td>·····</td> <td></td> <td>•</td> <td>····</td>	***************************************			•••••	·····		••	·····		•	····
Madagascar 9.5 12.7 182.1 145.2 3.4 16.4 55.2 49 Malawi 7.2		······	·····	•••••			•••••		·····	•••••	
Malaysia 10.1 22.6 84.3 17 Mali 21.3 53.0 31.7 227.7 4.6 16.8 100.0 52 Mauritaina 9.6 35.3 24.2 77.8 39.2 2.9 10.1 100.0 43 Mauritaina 10.1 10.3 15.3 17.4 40.4 29.8 3.9 12.7 100.0 22 Mexico 4.8 15.1 14.2 15.6 47.8 40.0 5.5 28 Moldova 33.6 40.7 41.4 8.3 19.8 16 Morphila 14.9 14.8 5.1 98.7 5.2 26.1 100.0 27 Morphila 15.1 86.9 5.2		·······			····		•••••		· ··· ·····	••	
Mali 21.3 53.0 31.7 227.7 4.6 16.8 100.0 52 Mauritaria 9.6 35.3 24.2 77.8 39.2 2.9 10.1 100.0 43 Mauritius 10.1 10.3 15.3 17.4 40.4 29.8 3.9 12.7 100.0 22 Mexico 4.8 15.1 14.2 15.6 47.8 40.0 5.5 28 Moldova 33.6 40.7 41.4 8.3 19.8 16 Mongolia 14.9 14.8 5.1 98.7 32 Morrocco 15.4 14.6 44.5 39.3 94.8 73.9 5.5 26.1 100.0 27 Morambique 15.1 86.9 5.2 21.0 63.2 2	Malawi			••				**			
Mauritania 9.6 35.3 24.2 77.8 39.2 2.9 10.1 100.0 43 Mauritus 10.1 10.3 15.3 17.4 40.4 29.8 3.9 12.7 100.0 22 Mexico 4.8 15.1 14.2 15.6 47.8 40.0 5.5 28 Moldova 33.6 40.7 41.4 8.3 19.8 16 Mongolia 14.9 14.8 5.1 98.7 32 Morrocco 15.4 14.6 44.5 39.3 94.8 73.9 5.5 26.1 100.0 27 Mozambique 15.1 86.9 5.2 21.0 63.2 65 Myanmar 68.8 27.5 99.0 <td>Malaysia</td> <td>10.1</td> <td></td> <td>22.6</td> <td></td> <td>84.3</td> <td></td> <td>••</td> <td></td> <td></td> <td>17</td>	Malaysia	10.1		22.6		84.3		••			17
Mauritius 10.1 10.3 15.3 17.4 40.4 29.8 3.9 12.7 100.0 22 Mexico 4.8 15.1 14.2 15.6 47.8 40.0 5.5 28 Moldova 33.6 40.7 41.4 8.3 19.8 16 Mongolia 14.9 14.8 5.1 98.7 32 Morocco 15.4 14.6 44.5 39.3 94.8 73.9 5.5 26.1 100.0 27 Mozambique 15.1 86.9 5.2 21.0 63.2 65 Myanmar 6.8 27.5 99.0 29 Mammar 6.8 27.5 <	Mali		21.3	53.0	31.7	227.7		4.6	16.8	100.0	52
Mexico 4.8 15.1 14.2 15.6 47.8 40.0 5.5 28 Moldova 33.6 40.7 41.4 8.3 19.8 16 Mongolia 14.9 14.8 5.1 98.7 32 Morocco 15.4 14.6 44.5 39.3 94.8 73.9 5.5 26.1 100.0 27 Mozambique 15.1 86.9 5.2 21.0 63.2 65 Myanmar 6.8 27.5 99.0 29 Namibia 21.4 36.2 22.0 156.9 141.3 94.8 30 Nepal 15.3b 13.1 11.3b 141.6 3.8b 61.4b	Mauritania		9.6	35.3	24.2	77.8	39.2	2.9	10.1	100.0	43
Moldova 33.6 40.7 41.4 8.3 19.8 16 Mongolia 14.9 14.8 5.1 98.7 32 Morcomodique 15.4 14.6 44.5 39.3 94.8 73.9 5.5 26.1 100.0 27 Myanmar 15.1 86.9 5.2 21.0 63.2 65 Myanmar 6.8 27.5 99.0 29 Namibia 21.4 36.2 22.0 156.9 141.3 94.8 30 Nepal 15.3b 13.1 11.3b 141.6 3.8b 61.4b 38b Netherlands 12.1 17.7 21.1 24.2 42.8 39.9 5.2<	Mauritius				17.4		•••••		12.7	100.0	
Mongolia 14.9 14.8 5.1 98.7 32 Morocco 15.4 14.6 44.5 39.3 94.8 73.9 5.5 26.1 100.0 27 Mozambique 15.1 86.9 5.2 21.0 63.2 65 Myanmar 6.8 27.5 99.0 29 Myanmar 6.8 27.5 99.0 29 Myanmar 6.8 27.5 94.8 30 Nepal 15.3 13.1 11.3 141.6 3.8b 61.4b 38b Netherlands 12.1 17.7 21.1 24.2 42.8 39.9 5.2 11.5	•	4.8		14.2		47.8	••				
Morocco 15.4 14.6 44.5 39.3 94.8 73.9 5.5 26.1 100.0 27 Mozambique 15.1 86.9 5.2 21.0 63.2 65 Myanmar 6.8 27.5 99.0 29 Namibia 21.4 36.2 22.0 156.9 141.3 94.8 30 Nepal 15.3b 13.1 11.3b 141.6 3.8b 61.4b 38b Netherlands 12.1 17.7 21.1 24.2 42.8 39.9 5.2 11.5 New Zealand 17.2 17.8 24.3 20.6 41.6 26.4 6.2 15.5 Niger 28.7 60.9 46.1 371.4 3.4 17.6	Moldova		- 				41.4	8.3	19.8	••	
Mozambique 15.1 86.9 5.2 21.0 63.2 65 Myanmar 6.8 27.5 99.0 29 Namibia 21.4 36.2 22.0 156.9 141.3 94.8 30 Nepal 15.3b 13.1 11.3b 141.6 3.8b 61.4b 38b Netherlands 12.1 17.7 21.1 24.2 42.8 39.9 5.2 11.5 New Zealand 17.2 17.8 24.3 20.6 41.6 26.4 6.2 15.5	•	· · · · · · · · · · · · · · · · · · ·	- 		····					••	
Myanmar 6.8 27.5 99.0 29 Namibia 21.4 36.2 22.0 156.9 141.3 94.8 30 Nepal 15.3b 13.1 11.3b 141.6 3.8b 61.4b 38b Netherlands 12.1 17.7 21.1 24.2 42.8 39.9 5.2 11.5 New Zealand 17.2 17.8 24.3 20.6 41.6 26.4 6.2 15.5 Nicaragua 9.8 4.5 73.6 33 Niger 28.7 60.9 46.1 371.4 3.4 17.6 98.2 40 Norway 32.7 18.9 26.8 28.8 45.8 49.2 7.0 16.7 <td></td> <td></td> <td></td> <td>•••••</td> <td></td> <td></td> <td>•••••</td> <td></td> <td></td> <td>••</td> <td></td>				•••••			•••••			••	
Namibia 21.4 36.2 22.0 156.9 141.3 94.8 30 Nepal 15.3b 13.1 11.3b 141.6 3.8b 61.4b 38b Netherlands 12.1 17.7 21.1 24.2 42.8 39.9 5.2 11.5 New Zealand 17.2 17.8 24.3 20.6 41.6 26.4 6.2 15.5 Nicaragua 9.8 4.5 73.6 33 Niger 28.7 60.9 46.1 37.4 3.4 17.6 98.2 40 Nigeria 51.2 40 Norway 32.7 18.9 26.8 28.8 45.8 49.2 7.0 </td <td>***************************************</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>• • • • • • • • • • • • • • • • • • • •</td> <td></td>	***************************************									• • • • • • • • • • • • • • • • • • • •	
Nepal 15.3b 13.1 11.3b 141.6 3.8b 61.4b 38b Netherlands 12.1 17.7 21.1 24.2 42.8 39.9 5.2 11.5 New Zealand 17.2 17.8 24.3 20.6 41.6 26.4 6.2 15.5 16 Nicaragua 9.8 4.5 73.6 33 Niger 28.7 60.9 46.1 371.4 3.4 17.6 98.2 40 Nigeria	•				· · · · · · · · · · · · · · · · · · ·		••			••	
Netherlands 12.1 17.7 21.1 24.2 42.8 39.9 5.2 11.5 New Zealand 17.2 17.8 24.3 20.6 41.6 26.4 6.2 15.5 16 Nicaragua 9.8 4.5 73.6 33 Niger 28.7 60.9 46.1 371.4 3.4 17.6 98.2 40 Nigeria							•••••			•••••	····
New Zealand 17.2 17.8 24.3 20.6 41.6 26.4 6.2 15.5 16 Nicaragua 9.8 4.5 73.6 33 Niger 28.7 60.9 46.1 371.4 3.4 17.6 98.2 40 Nigeria					······		•••••		·····	•••••	
Nicaragua 9.8 4.5 73.6 33 Niger 28.7 60.9 46.1 371.4 3.4 17.6 98.2 40 Nigeria	•		- 		····		•••••		·····	•	
Niger				••••••	·····		•••••	***************************************			
Nigeria					·····		•••••			••	
Norway 32.7 18.9 26.8 28.8 45.8 49.2 7.0 16.7										••	
Oman 10.5 15.1 21.9 12.7 14.0 4.0 31.1 100.0 14 Pakistan 2.9 11.2 84.6 39 Panama 11.3 12.4 19.1 15.1 33.6	••••				···•				·····	•••••	
Pakistan 2.9 11.2 84.6 39 Panama 11.3 12.4 19.1 15.1 33.6 90.8 25 Papua New Guinea		······			·····	•••••	•••••		·····	••	
Panama 11.3 12.4 19.1 15.1 33.6 90.8 25 Papua New Guinea </td <td>Pakistan</td> <td></td> <td></td> <td>••</td> <td></td> <td></td> <td></td> <td></td> <td>·····</td> <td>84.6</td> <td>39</td>	Pakistan			••					·····	84.6	39
Paraguay 18.4 58.9	Panama									90.8	25
Paraguay 18.4 58.9	Papua New Guinea					**		**			36
Philippines 8.6 10.8 9.1 15.1 11.5 2.5 15.2 35 Poland 23.7 16.5 22.2 21.1 21.4 5.5 11	Paraguay			18.4		58.9					
Poland 23.7 16.5 22.2 21.1 21.4 5.5 11	•				······	•••	•••••		· ······		
			- 		····				15.2		
Portugal 16.3 23.2 27.5 34.7 28.1 27.1 5.4 11.3 11					·····		•••••		·····		
Puerto Rico		16.3	23.2	27.5	34.7	28.1	27.1	5.4	11.3		11



2.11 Education inputs

			Public expenditure per student					xpenditure lucation	Trained teachers in primary education	Primary school pupil-teacher ratio
		nary	Seco	per capita ondary		Tertiary	% of GDP	% of total government expenditure	% of total	pupils per teacher
	1991	2007 ^a	1999	2007 ^a	1999	2007 ^a	2007 ^a	2007 ^a	2007ª	2007 ^a
Romania		10.7	16.0	16.0	32.6	23.7	3.5			17
Russian Federation				••		12.6	3.1			17
Rwanda		10.2	30.2	35.1	699.4	372.8	4.9	19.0	98.1	69
Saudi Arabia		18.5		18.4					91.5	11
Senegal	18.9	17.9		32.9	••	225.2	4.8 4.2 ^b	26.3 9.4 ^b	100.0	34
Serbia Sierra Leone	••	••	••	••	••		3.8	9.4°	49.4	13 44
Singapore		9.3 ^b	••	 14.1 ^b		••	2.9 ^b	 15.3 ^b	96.1	20
Slovak Republic	••	14.8	18.3	15.2	32.6	24.2	3.9		•••••	17
Slovenia	17.4	25.1	26.0	32.0	28.3	22.7	5.8	12.7		15
Somalia			20.0		26.3					
South Africa	20.2	15.6	20.0	16.7	60.7	44.3	5.4	17.4		30
Spain	11.3	19.1	24.4	23.4	19.6	22.8	4.2	11.0		14
Sri Lanka									······································	23
Sudan									58.7	37
Swaziland	6.7	15.4	26.1	43.7	388.4	343.6	7.6	••	90.8	33
Sweden	45.8	25.7	26.6	33.5	52.7	41.5	7.1	••	••	10
Switzerland	36.1	24.5	27.7	28.3	54.5	56.2	5.8		••	13
Syrian Arab Republic		20.3	21.7							
Tajikistan	••	9.4 ^b	6.5	14.4 ^b	27.4	11.8	3.7 ^b	19.3 ^b	87.4	22
Tanzania									99.4 ^b	53 ^b
Thailand	11.6		15.5		35.1	28.0	4.3	25.0		18
Timor-Leste		27.6		••						31
Togo		9.8	31.1	20.0		162.5	3.7	15.8 ^b	14.6	39
Trinidad and Tobago			12.3		149.3					17
Tunisia		20.9	27.1	24.2	89.4	55.9	7.2	20.8	••	19
Turkey	10.7		14.3		45.5					
Turkmenistan										
Uganda							···		84.8	49
Ukraine		15.8	11.2	24.3	36.5	25.5	5.4	20.2	99.8	16
United Arab Emirates		4.4	11.5	6.2	41.5		1.4	28.3	100.0	17
United Kingdom United States	15.0	18.9 22.2	24.3 22.5	20.3 24.6	26.2 27.0	32.3 25.4	5.5 5.7	12.5 13.7		18 14
Uruguay	7.8	8.8	11.3	10.8	19.1	18.8	2.9	11.6		20
Uzbekistan	1.0	0.0	11.5	10.0	13.1	10.0	2.3	11.0	100.0	18
Venezuela, RB		9.1		8.1	••	24.4	3.7		84.0	19
Vietnam									95.6	21
West Bank and Gaza									100.0	30
Yemen, Rep.						••				
Zambia		2.3	19.4	8.1	164.3		1.5			49
Zimbabwe	20.7		19.6		196.1	••		••		38
World	m	15.3 m	m	m	m	m	4.5 m	14.2 m		25 w
Low income										41
Middle income	••		••	••	••	••	4.5	14.2		24
Lower middle income							3.2			26
Upper middle income		14.5	18.1	19.7	38.6	24.2	4.5	13.0		20
Low & middle income										28
East Asia & Pacific			8.1	••	37.8			••	•••••	20
Europe & Central Asia							4.1	13.1		18
Latin America & Carib.	••	12.0	13.1	13.2	37.1		3.5	13.1	•••••	23
Middle East & N. Africa										24
South Asia			13.4		90.8					
Sub-Saharan Africa		11.8					4.1		•••••	45
High income	15.8	18.9	22.4	23.1	32.6	25.4	5.1	12.5	•••••	15
Euro area	14.9	18.0	24.4	26.3	29.1	26.0	5.2	11.2		14

a. Provisional data. b. Data are for 2008.

About the data

Data on education are compiled by the United Nations Educational, Scientific, and Cultural Organization (UNESCO) Institute for Statistics from official responses to surveys and from reports provided by education authorities in each country. The data are used for monitoring, policymaking, and resource allocation. However, coverage and data collection methods vary across countries and over time within countries, so comparisons should be made with caution.

For most countries the data on education spending in the table refer to public spending—government spending on public education plus subsidies for private education—and generally exclude foreign aid for education. They may also exclude spending by religious schools, which play a significant role in many developing countries. Data for some countries and some years refer to ministry of education spending only and exclude education expenditures by other ministries and local authorities.

Many developing countries seek to supplement public funds for education, some with tuition fees to recover part of the cost of providing education services or to encourage development of private schools. Fees raise difficult questions of equity, efficiency, access, and taxation, however, and some governments have used scholarships, vouchers, and other public finance methods to counter criticism. For greater detail, consult the country- and indicator-specific notes in the original source.

The share of public expenditure devoted to education allows an assessment of the priority a government assigns to education relative to other public investments, as well as a government's commitment to investing in human capital development. It also reflects the development status of a country's education system relative to that of others. However, returns on investment to education, especially primary and lower secondary education, cannot be understood simply by comparing current education indicators with national income. It takes a long time before currently enrolled children can productively contribute to the national economy (Hanushek 2002).

Data on education finance are generally of poor quality. This is partly because ministries of education, from which the UNESCO Institute for Statistics collects data, may not be the best source for education finance data. Other agencies, particularly ministries of finance, need to be consulted, but coordination is not easy. It is also difficult to track actual spending from the central government to local institutions. And

private spending adds to the complexity of collecting accurate data on public spending.

The share of trained teachers in primary education measures the quality of the teaching staff. It does not take account of competencies acquired by teachers through their professional experience or self-instruction or of such factors as work experience, teaching methods and materials, or classroom conditions, which may affect the quality of teaching. Since the training teachers receive varies greatly (pre-service or in-service), care should be taken in making comparisons across countries.

The primary school pupil-teacher ratio reflects the average number of pupils per teacher. It differs from the average class size because of the different practices countries employ, such as part-time teachers, school shifts, and multigrade classes. The comparability of pupil-teacher ratios across countries is affected by the definition of teachers and by differences in class size by grade and in the number of hours taught, as well as the different practices mentioned above. Moreover, the underlying enrollment levels are subject to a variety of reporting errors (for further discussion of enrollment data, see About the data for table 2.12). While the pupil-teacher ratio is often used to compare the quality of schooling across countries, it is often weakly related to the value added of schooling systems.

In 1998 UNESCO introduced the new International Standard Classification of Education 1997 (ISCED 1997). Consistent historical time series with reclassification of the pre–ISCED 1997 series were produced for a selection of indicators in 2008. The full set of the historical series is forthcoming.

In 2006 the UNESCO Institute for Statistics also changed its convention for citing the reference year of education data and indicators to the calendar year in which the academic or financial year ends. Data that used to be listed for 2006, for example, are now listed for 2007. This change was implemented to present the most recent data available and to align the data reporting with that of other international organizations (in particular the Organisation for Economic Co-operation and Development and Eurostat).

Definitions

• Public expenditure per student is public current and capital spending on education divided by the number of students by level as a percentage of gross domestic product (GDP) per capita. • Public expenditure on education is current and capital public expenditure on education as a percentage of GDP and as a percentage of total government expenditure. • 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. • 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).

Data sources

Data on education inputs are from the UNESCO Institute for Statistics, which compiles international data on education in cooperation with national commissions and national statistical services.