

Table 10
Teaching staff

Country or territory	PRE-PRIMARY EDUCATION								PRIMARY EDUCATION				
	Total teachers				Trained teachers (%)			Pupil/teacher ratio		Total teachers			
	1990		2000		2000			1990	2000	1990		2000	
	Total (000)	% F	Total (000)	% F	Total	Male	Female			Total (000)	% F	Total (000)	% F
Arab States													
Algeria	...	...	1.7	88.2	...	...	...	...	28	151.3	39.1	169.6	46.6
Bahrain	0.3	100.0	0.7	99.9	...	...	...	26	21	3.1	48.2	4.6**	74.1**
Djibouti	...	...	0.0	100.0	...	...	...	...	24	0.7	37.1	1.2**	28.0**
Egypt ^W	8.0	95.4	17.3**	99.0**	85.7**	...	...	25	22**	279.3	51.6	352.9**	52.9**
Iraq ²	4.9	100.0	...	...	...	...	...	18	15	134.1	70.1	...	...
Jordan ^{W, 2}	1.9	99.9	...	...	...	...	...	23	22	36.9	61.7	...	...
Kuwait	2.3	100.0	4.2	100.0	...	...	...	16	14	7.0	61.4	9.5	84.9
Lebanon	...	...	8.3	99.5	...	...	...	...	19	...	...	26.7	86.3
Libyan Arab Jamahiriya	...	...	2.4	100.0	...	...	...	...	7	85.5	...	...	...
Mauritania	...	...	0.3	98.5	...	...	...	...	...	3.7	17.8	8.6	23.7
Morocco ²	39.8	20.3	41.5	46.0	...	...	...	20	18	91.7	37.2	136.6	40.8
Oman	0.2	100.0	0.4	100.0	...	...	...	20	19	9.6	47.0	13.4	58.0
Palestinian Autonomous Territories	...	...	3.5	98.4	...	...	...	...	20	...	...	12.9**	53.9**
Qatar	0.3	99.3	0.5	98.5	...	...	...	18	17	4.3	72.4	5.0	64.1
Saudi Arabia	4.8	100.0	9.4	100.0	...	...	...	14	10	119.9	47.5	195.2	52.3
Sudan ²	8.1	46.8	13.0	84.3	45.0	45.0	45.0	35	27	60.0	51.0	...	...
Syrian Arab Republic	3.1	98.2	4.9	98.8	...	...	...	27	25	97.8	64.1	117.5	67.6
Tunisia ^{W, 2}	...	...	4.5	95.8	100.0**	...	...	26	20	50.6	44.8	60.5	49.8
United Arab Emirates	2.3	98.9	3.7	99.9	...	...	...	21	18	12.5	64.3	17.6	73.8
Yemen	0.7	...	...	...	...	...	...	15	...	...	...	...	...
Central and Eastern Europe													
Albania ⁰	5.7	100.0	3.9	100.0	...	...	...	23	21	28.8	55.0	12.6	73.5
Belarus ²	62.3	...	52.5	99.0**	...	...	...	7	5	...	...	32.2	99.2
Bosnia and Herzegovina ⁰	...	...	...	...	...	...	...	...	...	...	...	...	...
Bulgaria ⁰	28.8	100.0	17.5	99.8	...	...	...	11	11	62.5	77.3	21.2	91.5
Croatia ²	5.6	...	6.4	99.7	80.6	94.1	80.6	13	13	23.3	75.3	10.7	89.4
Czech Republic ^{0, 2}	32.1	100.0	...	...	...	...	...	11	18	23.6	...	35.6	84.4
Estonia ⁰	10.9	...	6.6	99.7	...	...	...	7	8	...	...	8.3	86.0
Hungary ⁰	33.6	99.7	32.0	99.9	...	...	...	12	11	90.5	83.5	46.5	86.2
Latvia ⁰	8.2	...	1.2	98.0	...	...	...	9	43	9.5	...	8.4	96.8
Lithuania ⁰	22.0	99.9	11.6	99.5	...	...	...	7	8	11.3	93.6	13.3	98.1
Poland ⁰	89.9	...	73.7	96.6	...	...	...	14	12	317.5	...	289.1	83.5
Republic of Moldova	28.1	100.0	8.5	95.2**	...	...	...	9	9	13.0	97.4	11.6	95.2
Romania ^{0, 2}	37.0	100.0	34.0	99.9	...	...	...	20	18	57.1	84.0	...	...
Russian Federation ^W	770.0	...	608.7	98.7**	...	...	...	9	6	340.0	98.8	330.2	98.7
Serbia and Montenegro	...	...	11.9	...	95.1	...	...	...	14	...	...	19.2	82.2
Slovakia	18.6	...	15.6	100.0	...	...	...	12	10	...	...	15.4	93.2
Slovenia ⁰	5.9	99.0	3.1	92.7	...	...	...	11	18	...	...	6.9	95.0
The former Yugoslav Rep. of Macedonia ⁰	...	...	3.0	99.1	...	...	...	...	12	13.0	...	5.7	68.3
Turkey ⁰	7.1	99.6	...	...	...	...	...	17	...	225.9	43.3	...	...
Ukraine	212.6	...	...	...	...	...	...	9	...	119.6	98.0	...	...
Central Asia													
Armenia	12.0	...	...	...	...	...	...	9	...	...	...	...	...
Azerbaijan	18.5	100.0	11.1	100.0	...	...	...	7	10	...	...	40.5	83.6
Georgia ²	22.5	100.0	7.0	100.0**	99.1	...	99.1	7	10	20.5	92.3	17.7	92.2
Kazakhstan	92.6	...	20.5	...	...	...	...	11	7**	56.3	96.3	63.6	97.1
Kyrgyzstan	...	...	3.6	100.0	44.7	...	44.7	...	13	22.1	80.5	18.8	95.1
Mongolia	3.7	...	3.1	99.4	98.4	...	...	26	26	5.9	89.7	7.8	92.5
Tajikistan	10.8	...	4.8	56.1**	...	...	...	10	11	23.8	48.6	31.2	60.1
Turkmenistan	...	...	...	...	...	...	...	...	...	...	...	...	...
Uzbekistan	89.8	...	...	...	...	...	...	15	...	73.8	78.7	...	...
East Asia and the Pacific													
Australia ⁰	...	...	...	...	...	...	...	...	...	...	...	...	...
Brunei Darussalam	...	...	...	...	...	...	...	...	...	...	...	3.8	69.3
Cambodia	3.0	82.1	3.3	98.1	...	...	...	17	24	40.8	30.7	45.9	39.2
China ^{W, 2}	749.6	96.3	...	...	...	...	...	26	26	5581.8	43.2	6430.8	52.8
Cook Islands ²	...	...	0.0**	100.0**	45.2	...	45.2	...	14**	...	...	0.1**	86.1**

1. Includes both lower- and upper-secondary education (ISCED levels 2 and 3, respectively).

2. Data in italics are for 1999/2000.

3. Policy change: implementation since 1999 of a programme aimed at improving the quality of education and the recruitment of teachers.

PRIMARY EDUCATION				SECONDARY EDUCATION ¹										TERTIARY EDUCATION			
Trained teachers (%)			Pupil/teacher ratio		Total teachers				Trained teachers (%)			Pupil/teacher ratio		Total teachers			
2000			1990	2000	1990		2000		2000			1990	2000	1990		2000	
Total	Male	Female			Total (000)	% F	Total (000)	% F	Total	Male	Female			Total (000)	% F	Total (000)	% F
...	28	28	127.0	39.0	157.7	47.8	...	...	...	17	19	...	...	...	...
...	19	17**	2.7	50.0	4.8**	55.5**	...	...	...	14	14**	0.6	29.3	...	...
...	43	36**	...	...	0.8**	18.3**	...	...	...	20	24**	...	...	0.04	15.0
99.9**	24	22**	286.8	...	490.6**	40.4**	83.0**	...	...	18	17**	...	...	...	...
...	25	21	...	...	...	...	...	...	...	22	20	...	...	...	...
...	25	...	6.9	46.9	...	...	...	...	...	15	...	...	...	...	...
...	18	15	...	...	23.3**	55.4**	...	...	...	10	10**	...	...	...	...
...	17	...	...	44.0**	52.1**	...	...	...	...	7**	...	...	9.5	30.1
...	14	...	...	...	63.0	...	...	...	...	15	...	...	...	11.6	13.2
...	45	42	...	...	2.7	10.0	...	...	...	17	28	0.3	...	0.3	...
...	27	28	79.7	29.2	...	...	...	...	...	15	17**	...	...	17.7	22.2
...	28	24	6.9	37.4	14.4	49.4	...	...	...	15	18	0.9	...	...	...
...	31**	...	...	16.7**	49.8**	...	...	...	...	30**	...	...	3.7	13.3
...	11	13	3.5	56.2	6.9**	65.4**	...	...	...	8	7**	...	...	0.6	33.6
...	16	12	71.1	40.9	156.2	49.8	...	...	...	13	12	13.3	25.1	...	...
...	34	27**	33.6	35.2	22.3	...	...	...	...	22	23**	...	...	...	...
...	25	24	54.1	41.4	62.8**	51.2**	...	...	...	17	18**	...	...	...	...
94.1**	28	23	33.1	31.8	61.9**	39.9**	60.7**	...	...	17	18**	4.6	21.6	11.4	35.2
...	18	16	8.6	54.8	17.0	54.4	...	...	...	13	13	0.8	13.7	...	...
...
...	19	22	9.7	...	22.3	54.1	...	...	...	19	17	1.8	28.4	3.0	...
100.0	100.0	100.0	...	17**	...	...	105.3**	78.3**	92.9**	90.9**	93.5**	...	9**	40.4	...	40.5	...
...
...	15	18	27.3	61.1	57.2	76.6	...	...	...	14	12	23.7	39.5	21.5	...
100.0*	100.0*	100.0*	19	18	13.9	...	37.0	65.7	100.0*	100.0*	100.0*	13	11	6.6	...	7.7	35.0
...	23	18	98.0	...	...	...	...	...	...	13	14	11.8	...	21.0	39.9
...	14	...	...	11.8	81.9	...	...	...	...	10	...	...	6.5	...
...	12	11	...	...	103.6	71.3	...	...	...	14	...	17.3	32.3	22.9	36.7
...	15	15	28.8	...	24.4	80.8	...	...	...	9	11	4.4	...	5.4	...
...	18	16	...	...	37.7	78.6	...	...	...	12	11	11.4	...	12.9	...
...	16	11	103.8	...	301.0	65.8	...	...	...	18	13	...	...	87.9	...
...	23	20	36.3	69.2	30.5	73.7	...	...	...	13	14**	...	...	7.3	51.7
...	22	20**	157.5	61.1	...	...	...	...	...	18	13**	13.9	28.0	28.0	39.0
...	22	17	...	...	874.0**	76.0**	...	...	...	13	16**	...	...	542.1**	...
100.0	100.0	100.0	...	20	...	...	56.4	61.2	100.0	100.0	100.0	...	14	...	...	11.6	38.2
...	19	...	...	53.9	71.4	...	...	...	...	12	...	...	12.3	38.5
...	13	...	...	17.4	68.5	...	...	...	...	13	2.6	24.0	2.8	...
...	21	22	4.2	...	13.6	50.7	...	...	...	17	16	2.1	...	2.7	...
...	30	...	159.4	38.7	179.1**	...	...	...	...	24	...	34.5	31.7	...	...
...	22	...	...	...	...	...	...	...	...	11	...	...	...	...	...
...	7.9	...	...	...	...	...	...	...	...	11.3	46.9
...	17	...	...	122.9**	63.0**	...	...	...	...	8**	13.8	...	18.6	47.1
94.7	94.9	94.7	17	16	82.9	60.2	...	...	82.8	50.8	92.7	7	7	15.6	...	14.5	49.8
...	21	19	...	...	171.0**	84.2**	...	...	...	13	12**	...	...	29.6	58.5
48.4	48.9	48.4	16	24	...	...	50.1	68.5	...	...	...	14	14	...	...	10.0	36.9
92.9	92.8	92.9	28	32	16.5	61.9	12.3	85.8	88.7	87.6	89.2	18	21	2.7	42.5	6.6	49.0
...	21	22	...	...	54.6**	42.5**	...	...	...	...	16**	...	...	5.7	32.7
...
...	24	...	302.4	...	...	...	...	...	...	11	...	23.1	...	...	...
...	103.3	50.1	...	...	...	...	...	12	...	27.8	33.1	...	...
...	12	...	...	...	...	...	...	...	...	...	...	...	0.5	33.7
...	33	53	...	...	20.3	28.6	...	...	...	15	20	...	...	2.1	17.8
96.8**	22	20	3 631.5	31.1	4 792.8	42.6	...	...	...	14	19	...	...	679.9	45.4
95.1	95.0	95.2	...	18**	...	...	...	...	...	...	...	...	...	...	...	...	...

Table 10 (continued)

Country or territory	PRE-PRIMARY EDUCATION								PRIMARY EDUCATION				
	Total teachers				Trained teachers (%)			Pupil/teacher ratio		Total teachers			
	1990		2000		2000			1990	2000	1990		2000	
	Total (000)	% F	Total (000)	% F	Total	Male	Female			Total (000)	% F	Total (000)	% F
Democratic People's Republic of Korea	...	...	...	...	...	...	...	...	...	...	...	...	...
Fiji	0.4	...	...	...	...	...	...	20	...	4.3	...	4.0**	57.0**
Indonesia ^w	92.4	...	102.5	98.1	71.3**	...	...	17	16	1281.4	50.5	1289.7	52.2
Japan ^o	109.8	88.8	98.6	...	...	...	...	18	30	452.8	58.4	362.6	...
Kiribati ²	...	...	...	...	...	...	...	...	...	0.5	57.4	...	...
Lao People's Democratic Republic	1.5	100.0	2.3	99.7	82.4	50.0	82.5	20	16	21.0	37.8	27.7	43.7
Macao, China	...	...	0.5	100.0	96.0	...	96.0	...	30	...	...	1.6	88.7
Malaysia ^{w, 2}	10.8	...	20.1	100.0	...	...	...	31	27	120.5	56.8	159.4**	64.6**
Marshall Islands	...	...	...	...	...	...	...	...	...	...	...	...	...
Micronesia (Federated States of)	...	...	...	...	...	...	...	...	...	...	...	...	...
Myanmar	...	...	1.9**	...	...	...	...	...	...	111.5	61.8	148.2	74.0
Nauru	...	...	...	...	...	...	...	...	...	...	...	...	...
New Zealand ^o	...	...	7.5	98.7	...	...	...	...	...	17.7	78.6	23.0	80.6
Niue	...	...	0.01	100.0	...	...	...	...	11	...	...	...	...
Palau ²	...	...	0.1**	98.4**	...	...	...	...	10**	...	...	...	...
Papua New Guinea ²	...	...	...	...	...	...	...	...	34**	13.1	32.3	...	...
Philippines ^w	9.6	...	19.7	96.9	...	...	...	41	30	317.0	...	362.4	87.3
Republic of Korea ^o	18.5	93.5	23.7	99.7	...	...	...	22	23	136.8	50.1	125.5	70.3
Samoa	...	...	0.1**	97.9**	...	...	...	...	22**	...	...	1.1**	72.2**
Singapore	...	...	...	...	...	...	...	...	...	10.0	...	...	...
Solomon Islands	...	...	...	...	...	...	...	...	...	2.5	...	...	...
Thailand ^{w, 2}	64.6	...	...	...	...	...	...	23	25	314.7	...	...	...
Timor-Leste	...	...	...	...	...	...	...	...	...	...	...	...	...
Tokelau	...	...	...	...	...	...	...	...	...	...	...	...	...
Tonga ²	...	...	0.1**	100.0**	62.8	...	62.8	...	18**	0.7	68.9	0.8**	67.2**
Tuvalu	...	...	...	...	...	...	...	...	...	0.1	72.2	...	...
Vanuatu ²	...	...	0.5**	81.6**	74.3**	...	...	...	17**	...	...	1.6**	44.0**
Viet Nam	65.4	...	99.6	100.0	55.7	...	55.7	23	22	252.4	...	347.8	78.3
Latin America and the Caribbean													
Anguilla ²	...	...	0.03	97.0	54.5	100.0	53.1	...	14**	...	...	0.1	89.9
Antigua and Barbuda ²	...	...	...	...	45.1	...	45.1	...	6	...	...	...	...
Argentina ^w	...	...	59.6	96.0*	83.2**	...	...	...	21	...	...	244.4	89.1*
Aruba	...	...	0.1	99.1	100.0	100.0	100.0	...	26	...	...	0.5	78.7
Bahamas ²	...	...	...	...	...	...	...	...	9**	...	...	...	...
Barbados	...	...	0.2**	96.6**	81.7**	75.0**	81.9**	...	23**	...	...	1.5	76.9**
Belize	0.2	99.4	0.2	98.1	68.1	25.0	68.9	18	18	1.7	70.0	2.0	64.7
Bermuda	...	...	0.1	100.0	100.0	...	100.0	...	7	...	...	0.5	89.2
Bolivia	2.9	95.6	5.1	93.2	79.4	65.9	80.4	42	42	51.8	57.3	61.5**	61.2**
Brazil ^w	155.4	...	320.8	98.1	87.0**	...	...	21	19	1260.5	...	815.1	92.6
British Virgin Islands	...	...	0.1**	100.0**	...	...	...	...	10**	0.1	...	0.2	89.2
Cayman Islands ²	...	...	0.0	100.0	...	...	100.0	...	14	...	...	0.2	85.0
Chile ^w	...	...	18.6	99.1	90.5**	...	...	24	24	...	...	57.3	77.6
Colombia	...	...	53.4	94.1	...	...	...	24	20	141.9	...	197.4	77.3
Costa Rica ²	2.0	...	4.0	96.4	92.1	...	...	23	19	13.7	...	22.1	80.4
Cuba	7.0	100.0	25.8	100.0	100.0	...	100.0	24	18	71.0	78.9	93.8	83.3
Dominica	0.1	100.0	0.1	100.0	100.0	...	100.0	22	18	0.4	80.6	0.6	80.6
Dominican Republic ²	...	...	9.6**	94.0**	59.8	57.6	59.9	...	22**	20.9	...	34.2**	75.2**
Ecuador	6.3	...	13.8	87.1	83.6	74.3	84.9	18	15	61.0	...	84.8	67.9
El Salvador	...	...	7.6	...	...	...	...	...	27	...	...	36.7	...
Grenada	...	...	0.1	100.0	27.9	...	27.9	...	...	...	...	0.8	76.2
Guatemala	...	...	15.5	...	...	...	...	...	23	...	...	58.6	...
Guyana ²	1.1	98.9	...	...	37.6	13.6	37.8	23	17	3.5	76.1	...	...
Haiti	...	...	...	...	...	...	...	...	...	24.1	44.7	...	...
Honduras	...	...	6.2	...	...	...	...	...	19**	25.5	73.4	32.1	...
Jamaica ^{w, 2}	4.2	...	5.7	99.0**	67.0**	...	...	32	24	8.8	...	9.8	86.7**
Mexico ^{o, 2}	105.0	98.5	...	...	...	...	...	26	22	471.6	...	542.7	63.3
Montserrat	...	...	0.01	100.0	100.0	...	100.0	...	12	...	...	0.02	90.0
Netherlands Antilles	...	...	0.3	100.0	100.0	...	100.0	...	21	...	...	1.3	81.8
Nicaragua	1.9	98.7	6.4	97.3	29.4	11.4	29.9	33	26	19.0	86.9	23.5	82.4
Panama	1.4	...	3.0	97.6	55.0	21.4	55.8	22	19	15.2	...	16.2	75.0

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PRIMARY EDUCATION						SECONDARY EDUCATION ¹									TERTIARY EDUCATION			
Trained teachers (%)			Pupil/teacher ratio		Total teachers				Trained teachers (%)			Pupil/teacher ratio		Total teachers				
2000			1990	2000	1990		2000		2000			1990	2000	1990		2000		
Total	Male	Female			Total (000)	% F	Total (000)	% F	Total	Male	Female			Total (000)	% F	Total (000)	% F	
...	
97.3**	97.0**	97.5**	34	29**	...	...	5.7**	49.0**	81.6**	80.4**	82.8**	...	17**	...	...	...	...
93.5**	...	...	23	22	...	...	1040.1	40.1	53.0**	...	...	13	14	...	...	217.4	40.8
...	...	...	21	20	658.6	30.0	622.2	...	...	...	...	17	14	...	...	477.2	...
...	...	...	29	24**	0.2	32.0	...	...	...	...	...	12	...	...	...	...	...
76.2	68.9	85.6	27	30	...	...	12.7	40.5	95.8	95.0	97.1	11	23	...	...	1.4	24.3
87.2	70.3	89.4	...	28	...	...	1.6	56.6	59.3	49.4	67.0	...	24	0.5	34.5	0.9	36.1
95.9**	...	...	20	19**	75.3	51.4	120.0**	62.0**	52.7**	...	...	19	18**	10.2	...	20.5	38.1
...	
...	
85.4	85.4	85.4	48	32	100.0	71.0	75.3**	77.3**	...	...	...	13	31**	...	...	10.5	70.1**
...	
...	...	...	18	16	...	...	34.5	57.2	...	...	...	15	13	11.3	33.6	11.3	...
...	...	...	...	...	...	...	...	...	...	...	...	...	17**	...	...	0.0	45.5
...	...	...	32	36**	...	...	...	...	...	...	...	22	22**	...	...	...	...
...	...	...	33	35	121.9	...	148.0	76.4	...	...	...	33	36	...	...	94.0	...
...	...	...	36	32	180.7	34.2	188.3	44.0	...	...	...	25	21	73.0	22.3	144.2	...
...	...	...	24	24**	...	...	1.1**	55.6**	...	...	...	...	20**	...	...	0.2**	40.6**
...	...	...	26	...	...	...	...	...	...	...	...	18	...	...	...	...	...
...	...	...	19	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	22	21	133.9	...	...	...	...	...	...	17	...	...	...	...	...
...	
97.4	98.1	97.0	24	21**	0.8	49.4	1.0**	...	72.6	...	...	18	...	...	...	0.1**	21.1**
...	...	...	21	...	0.03	32.3	...	...	...	...	...	...	...	...	...	...	...
65.2	66.7	63.3	27	22**	...	...	0.4**	46.8**	78.0	79.3	76.4	16	26**	...	...	...	...
84.9	80.4	86.2	35	28	...	...	309.2	65.0	91.4	92.1	91.1	18	27	...	...	33.0	37.7
...	
77.2	75.0	77.5	...	19	...	...	0.1**	64.6**	50.7**	70.9**	40.0**	...	18**	...	...	...	...
46.9	58.8	43.7	...	19	...	...	...	...	52.5	65.5**	47.1**	15	13	...	...	...	...
67.0**	...	...	...	20	...	...	311.3	69.0*	65.0**	...	...	...	12	...	...	112.7	54.4
100.0	100.0	100.0	...	19	...	...	0.4**	50.5**	100.0**	100.0**	100.0**	...	15**	...	...	0.2	44.5
...	...	...	...	14**	...	...	...	...	...	...	...	...	26**	...	...	...	...
81.6**	74.4**	83.8**	18	16	...	...	1.2**	48.9**	71.5**	61.4**	82.0**	...	17**	...	...	0.6**	...
40.9	38.1	42.4	26	23	0.6	41.3	1.1	64.7	40.9	38.0	42.5	14	23	...	...	...	...
100.0	100.0	100.0	...	9	...	...	0.6	66.5	100.0	100.0	100.0	10	7	...	...	0.1	53.3
74.2**	70.0**	76.9**	25	24**	12.4	49.0	39.2**	52.0**	77.1**	74.1**	80.0**	18	22**	...	...	12.8	...
91.9**	...	...	23	25	243.2	...	1179.7	79.0	79.3**	...	...	14	22	131.6	40.6	183.2	40.8
...	...	...	19	17	...	...	0.2**	65.3**	...	...	...	12	11**	...	...	...	...
100.0	100.0	100.0	...	15	...	...	0.2**	56.3**	100.0	100.0	100.0	10	10**	...	...	0.02	31.8
92.5**	...	...	29	31	...	...	51.2	63.3	87.7**	...	...	...	27	...	...	...	...
...	...	...	30	26	...	...	185.6**	49.8**	...	...	...	20	19**	52.4	26.6	85.7	31.8
92.7	...	...	32	25	6.9	...	13.6**	53.1**	...	...	...	19	19**	...	...	...	...
100.0	100.0	100.0	13	11	100.1	51.1	73.6	61.1	94.1	93.9	94.2	10	11	24.7	44.5	22.7	48.0	
68.3	59.8	70.3	29	21	...	...	0.4**	67.4**	31.6**	27.9**	33.3**	13	20**	0.03	32.4	...	...
...	...	...	...	40**	...	...	23.8**	57.5**	...	...	...	...	28**	...	...	...	...
86.9	86.8	87.0	30	23	...	...	79.2**	46.9**	73.4**	73.4**	73.4**	13	12**	12.9	...	15.3	...
...	...	...	...	26	...	...	7.3	...	...	...	...	...	...	4.2	26.0	7.3	32.2
70.1	64.8	71.7	...	21	...	...	0.4**	61.5**	30.1**	30.2**	30.0**	27	19**	...	...	...	...
...	...	...	...	33	...	...	35.9	...	...	...	...	...	14	...	...	...	...
51.4	51.5	51.4	30	26	1.6	54.6	...	...	61.9**	50.0**	69.5**	44	20**	...	...	...	...
...	...	...	36	...	...	...	...	...	...	...	...	19	...	...	...	...	...
...	...	...	...	34	...	...	...	...	...	...	...	...	...	3.4	...	5.5	35.6
79.5**	...	...	34	34	8.4	...	6.8**	...	86.0**	...	...	22	19**	...	...	1.7	55.5
...	...	...	31	27	402.5	...	452.1	45.3	...	...	...	17	21	134.4	...	208.7	...
95.0	100.0	94.4	...	21	...	...	0.0**	65.2**	...	...	...	13	13**	...	...	...	...
99.9	96.7	100.0	...	18	...	...	1.1**	52.1**	...	...	...	...	13**	...	...	0.3	46.4
72.9	53.7	77.0	33	36	...	...	10.4*	56.5*	44.6*	38.8*	49.1*	33	32**	...	...	...	...
74.9	81.1	72.8	23	25	9.8	54.2	14.4	55.8	81.9	78.9	84.3	20	16	3.3	...	...	...

Table 10 (continued)

Country or territory	PRE-PRIMARY EDUCATION								PRIMARY EDUCATION				
	Total teachers				Trained teachers (%)			Pupil/teacher ratio		Total teachers			
	1990		2000		2000			1990	2000	1990		2000	
	Total (000)	% F	Total (000)	% F	Total	Male	Female			Total (000)	% F	Total (000)	% F
Paraguay ^w	...	...	...	...	...	...	...	...	...	27.8	...	...	...
Peru ^w	20.5	...	...	...	...	...	...	25	...	132.6	...	149.5	62.1
Saint Kitts and Nevis	...	...	0.3	100.0	...	...	...	...	8	...	...	0.4	88.2
Saint Lucia	0.3	...	0.4	99.4**	...	...	...	16	12	1.1	82.6	1.1	84.1
Saint Vincent and the Grenadines	0.2	100.0	0.2**	98.8**	...	...	...	14	16**	1.1	66.7	0.8**	65.7**
Suriname	0.7	100.0	0.7	99.1**	100.0	100.0**	100.0**	25	22	2.7	84.1	3.3	82.3
Trinidad and Tobago	0.1	100.0	1.8	100.0	20.4	...	20.4	14	13	7.5	70.3	7.9	74.5
Turks and Caicos Islands	...	...	0.1	94.6	...	...	...	...	14	...	...	0.1	87.8
Uruguay ^w	1.5	...	3.7	...	...	...	...	30	28	15.8	...	17.4	...
Venezuela	26.1	98.7	...	...	...	...	...	24	...	177.0	74.5	...	...
North America and Western Europe													
Andorra	...	...	...	...	...	...	...	...	...	...	...	...	...
Austria ^{0, 2}	9.3	99.6	...	...	...	...	...	21	16**	34.2	81.7	...	...
Belgium ⁰	...	...	27.1	92.4	...	...	...	...	15	...	...	63.6	78.1
Canada ⁰	15.5	69.8	28.6	68.1	...	...	...	31	18	154.7	68.7	141.0	68.1
Cyprus ⁰	1.0	99.2	0.9	98.0	...	...	...	23	21	3.1	60.0	3.7	75.2
Denmark ^{0, 2}	...	...	45.4	...	...	...	...	...	6	...	...	39.9	64.0
Finland ⁰	...	...	10.9	96.5	...	...	...	...	13	...	...	25.2	72.3
France ⁰	...	...	132.4	79.8	...	...	...	...	18	...	...	204.7	79.8
Germany ⁰	...	...	124.0	95.0	...	...	...	...	19	...	...	238.3	82.0
Greece ⁰	8.4	99.8	10.1**	...	...	...	...	16	15**	43.6	52.2	50.0**	...
Iceland ^{0, 2}	...	...	...	...	...	...	...	...	5	...	...	...	...
Ireland ^{0, 2}	4.5	76.7	0.1	94.0	...	...	...	28	19	15.6	76.6	21.9	80.7
Israel ⁰	...	...	...	...	...	...	...	...	...	40.6	82.2	61.3	83.1
Italy ⁰	108.3	99.1	123.4	98.1	...	...	...	14	13	265.6	90.6	262.7	94.8
Luxembourg ⁰	...	...	0.8	97.2	...	...	...	17	18	1.8	50.8	2.8	66.5
Malta ⁰	0.7	100.0	0.9	99.1	...	...	...	16	11	1.8	79.3	1.8	85.8
Monaco	0.05	63.8	0.0	100.0	...	...	...	19	24	...	...	0.1	86.5
Netherlands ^{0, 2}	21.0	100.0	...	...	...	...	...	17	...	63.0	53.0	131.0	77.6
Norway ^{0, 2}	35.9	95.2	...	...	...	...	...	4	5	...	...	...	...
Portugal ⁰	9.7	97.9	12.9	99.1	...	...	...	19	18	72.1	81.5	61.9	82.1
San Marino ²	0.1	100.0	...	...	...	...	...	7	8	0.2	89.4	...	...
Spain ⁰	40.1	95.3	75.0	93.0	...	...	...	25	16	128.0	72.7	175.1	70.8
Sweden ⁰	...	...	35.5	97.2	...	...	...	...	9	92.8	68.9	68.9	79.9
Switzerland ⁰	...	...	9.6	99.4	...	...	...	...	16	...	...	39.5	72.5
United Kingdom ⁰	30.9	95.5	49.0	97.1	...	...	...	26	24	229.1	78.0	252.7	81.6
United States ⁰	...	...	337.5	94.7	...	...	...	...	22	...	...	1 638.0	86.5
South and West Asia													
Afghanistan	...	...	...	...	...	...	...	...	...	15.1	58.7	11.7	...
Bangladesh	...	...	69.5	33.7**	...	...	...	...	39	189.5	19.4	309.3	33.7
Bhutan	...	...	0.02	50.0	...	...	...	...	22	...	...	2.1	34.5
India ^{w, 2}	...	...	...	...	...	...	...	...	35	1 636.9	28.7	...	...
Iran, Islamic Republic of ²	8.5	99.8	7.4**	97.0**	...	...	...	27	39**	298.8	52.9	321.0**	54.0**
Maldives	...	...	0.4	93.9	47.2	24.0	48.7	...	31	...	...	3.2	60.4
Nepal ²	...	...	11.8	35.9	...	...	...	...	22	71.2	...	97.9	25.3
Pakistan	...	...	...	...	...	...	...	...	...	271.1	26.5	329.8*	37.1*
Sri Lanka ^w	...	...	...	...	...	...	...	...	...	72.5	...	...	...
Sub-Saharan Africa													
Angola	...	...	...	...	...	...	...	...	...	31.1	...	33.5**	40.8**
Benin ²	0.6	54.8	0.8	71.7	...	...	...	23	30	13.6	24.7	19.7	19.9
Botswana	...	...	...	...	...	...	...	...	...	9.0	79.8	12.1	80.6
Burkina Faso ³	0.2	85.0	0.5	66.4	...	...	...	28	29	8.9	27.0	19.0	22.9
Burundi	...	...	0.2*	92.6*	...	...	...	...	33*	9.5	46.2	15.0*	54.0*
Cameroon	3.6	99.9	5.3	97.2	...	...	...	26	24	38.4	30.0	42.9	35.5
Cape Verde	...	...	0.8	97.0**	...	...	...	...	25	...	...	3.2	64.5
Central African Republic	...	...	...	...	...	...	...	...	...	4.0	24.9	6.2**	18.3**
Chad ²	...	...	...	...	...	...	...	...	...	8.0	5.9	13.8	10.1
Comoros ²	...	...	...	...	...	...	...	...	26	2.0	...	2.7**	16.5**

1. Includes both lower- and upper-secondary education (ISCED levels 2 and 3, respectively).

2. Data in italics are for 1999/2000.

3. Policy change: implementation since 1999 of a programme aimed at improving the quality of education and the recruitment of teachers.

PRIMARY EDUCATION					SECONDARY EDUCATION ¹									TERTIARY EDUCATION				
Trained teachers (%)			Pupil/teacher ratio		Total teachers				Trained teachers (%)			Pupil/teacher ratio		Total teachers				
2000			1990	2000	1990		2000		2000			1990	2000	1990		2000		
Total	Male	Female			Total (000)	% F	Total (000)	% F	Total	Male	Female			Total (000)	% F	Total (000)	% F	
...	25	...	...	...	...	...	...	...	...	...	...	...	...	...	...
78.2**	29	29	86.2	...	114.4**	43.7**	76.1**	...	...	20	21**	41.8	...	...	...
55.8	22	18	...	...	0.4**	58.2**	34.8**	...	...	15	14**	...	...	...	...
...	29	22	...	...	0.7**	59.1**	...	...	...	19	18**	...	...	...	...
...	20	24**	0.4	52.4	0.4**	60.5**	...	...	...	25	24**	...	...	...	...
100.0	100.0	100.0	22	20	2.5	62.0	2.7	58.1**	100.0	100.0**	100.0**	14	15	...	...	...	...
78.1	79.7	77.6	26	20	...	...	5.5**	51.1**	55.4**	57.2**	53.6**	20	21**	...	...	0.5	31.9
100.0	100.0	100.0	...	18	...	...	0.1**	61.7**	...	...	...	...	9**	...	...	0.01**	36.4**
...	22	21	...	...	20.8	...	...	...	...	...	15	...	...	11.2	...	
...	23	...	30.8	51.4	...	...	...	...	...	9	...	46.1	...	...	...
...	
...	11	13**	76.3	54.3	...	...	...	...	...	10	10**	...	...	...	...
...	12	106.4	52.5	108.8	...	...	...	...	7	...	28.1	32.5	23.0	38.0	
...	15	17	164.1	53.5	147.9	68.2	...	...	...	14	18	61.7	26.1	133.5	41.2	
...	21	17	3.7	45.8	5.0	57.0	...	...	...	12	13	0.7	41.1	1.1	...	
...	10	...	...	43.9	48.1	...	...	...	...	10	...	...	...	...
...	16	...	...	38.4	63.1	...	...	...	...	13	...	...	17.1**	45.1**	
...	19	441.5	57.3	506.3	59.9	...	...	...	13	12	...	...	127.2	45.7	
...	15	...	...	588.3	53.7	...	...	...	...	14	...	...	272.9	31.4	
...	19	13**	60.3	53.2	79.0**	...	...	...	...	14	9**	...	...	23.9**	...	
...	11**	...	...	...	...	...	...	...	...	12**	...	...	1.7**	42.9**	
...	27	22**	20.8	...	37.3**	57.9**	...	...	...	16	...	5.6	...	11.3	42.5	
...	15	12	46.5	63.0	72.4	72.3	...	...	...	8	8	...	...	...	...
...	12	11	589.7	62.3	441.2	64.8	...	...	...	9	10	55.8	...	80.8	39.3	
...	13	12	...	...	3.1	...	...	...	...	...	...	...	...	...	...
...	21	19	2.7	35.6	3.6	51.1	...	...	...	12	10	0.3	10.7	0.6	...	
...	22	...	...	0.3	58.0	...	...	...	7	11	...	...	...	...
...	17	10	89.4	29.0	97.2	...	...	...	...	16	15**	...	...	44.4	31.6	
...	7	...	9.5	39.0	15.5	36.2	
...	14	13	64.5	65.9	83.7	68.6	...	...	...	10	10	14.4	...	...	...
...	6	5	...	...	...	...	...	...	...	...	7	...	...	...	...
...	22	14	285.6	50.9	407.0**	52.0**	...	...	...	17	8**	65.7	29.4	119.3	38.0	
...	10	11	...	...	66.9	56.0	...	...	...	...	14	...	...	30.9	39.1	
...	14	...	...	48.1**	39.7**	...	...	...	...	12**	...	...	27.3	26.6	
...	20	18	...	...	471.4	59.1	...	...	...	11	18	86.2	20.9	96.5	33.9	
...	15	...	...	1522.6	55.6	...	...	...	...	15	833.8	35.2	1029.8**	41.4**	
...	41	43	7.4	44.4	...	...	...	...	...	25	...	1.3	24.1	...	...
65.0	64.2	66.4	63	57	130.9	9.6	269.2	13.5	...	...	...	27	38	22.4	12.7	47.1	19.0
94.8	94.8	94.8	...	41	...	...	0.7	34.2	95.0	95.1	94.7	...	33	...	...	0.2**	26.8**
...	47	40*	...	...	...	...	...	...	...	29	34	...	...	...	...
96.5**	96.5**	96.5**	31	25**	216.3	40.6	194.0**	...	...	...	...	24	23**	23.4	...	46.7	18.4
66.5	67.7	65.6	...	23	...	...	1.3	29.3	...	...	...	...	15	...	...	...	...
44.5	39	37	22.8	...	45.7**	9.9**	...	...	...	31	30**	...	...	...	...
...	43	44*	...	...	...	...	...	...	...	...	...	...	...	...	...
...	29	...	108.9	...	...	...	...	...	...	19	...	...	...	...	...
...	32	35**	...	...	19.8**	29.4**	...	...	...	...	20**	1.0	...	0.8**	20.4**	
65.0	63.6	70.0	36	54	...	...	7.0**	...	37.4	36.8	41.5	25	23	0.9	...	...	...
89.2	83.3	90.6	32	27	3.7	39.9	9.4	45.8	87.4	88.2	86.6	17	17**	...	...	...	...
80.4	80.1	81.4	57	47	...	...	6.4**	19.8**	...	...	...	27	31**	0.4	...	...	...
...	67	50*	2.0	21.2	5.5**	21.7**	...	...	...	22	21**	0.4	8.3	0.5	9.5	
...	51	63	19.8	...	...	...	...	...	...	25	...	1.1	...	2.9	14.3**	
...	28	...	...	1.0**	...	...	...	...	...	...	...	...	...	...
...	77	74**	...	...	...	...	...	...	...	...	...	...	...	...	...
...	66	71	...	...	...	...	...	...	...	39	32	...	...	...	...
...	37	36**	...	...	...	...	...	...	...	25	...	...	...	...	...

Table 10 (continued)

Country or territory	PRE-PRIMARY EDUCATION								PRIMARY EDUCATION				
	Total teachers				Trained teachers (%)			Pupil/teacher ratio		Total teachers			
	1990		2000		2000			1990	2000	1990		2000	
	Total (000)	% F	Total (000)	% F	Total	Male	Female			Total (000)	% F	Total (000)	% F
Congo ²	0.6	100.0	0.7	99.6	77.8	...	77.8	9	14	7.6	32.4	9.9	41.1
Côte d'Ivoire	...	...	2.1	80.3	90.8	90.4	90.8	...	20	39.0	18.8	44.4	20.5
Democratic Rep. of the Congo	...	...	1.6	87.7	...	...	...	...	25	114.0	24.0	...	...
Equatorial Guinea ²	...	...	0.6	81.5	...	...	...	...	28	...	...	1.8	25.7
Eritrea	...	...	0.3	97.5	64.7	50.0	65.1	...	38	2.9	45.3	6.7	40.6
Ethiopia	2.1	93.5	3.2	92.3	62.1	53.8	62.8	35	34	68.4	23.9	121.1	30.3
Gabon	...	...	0.5	98.1	...	...	...	...	30	...	...	5.4	47.8
Gambia	...	...	...	...	...	...	...	...	...	2.8	30.8	4.2	28.8
Ghana	...	...	26.5	91.2	23.9	18.3	24.5	...	24	66.9	35.8	75.1	34.8
Guinea	...	...	...	...	...	...	...	...	...	8.7	22.5	19.2	25.0
Guinea-Bissau ²	...	...	0.2	73.2	22.7	26.9	21.1	...	21	...	...	...	...
Kenya	22.0	99.1	42.6	55.0*	...	...	...	39	26	172.1	37.5	191.1**	42.0**
Lesotho	...	...	1.6	99.1	...	...	...	...	19	6.4	79.9	8.6	80.2
Liberia	...	...	...	...	...	...	...	...	36	...	...	...	...
Madagascar	...	...	2.9**	98.0**	...	...	...	...	18**	38.9	...	46.5**	53.5**
Malawi	...	...	...	...	...	...	...	...	...	22.9	31.3	47.8	37.9
Mali	...	...	0.6	89.0	...	...	...	...	25	8.2	22.6	17.8	23.0
Mauritius	1.2	100.0	2.4	100.0	100.0	...	100.0	18	16	6.5	44.1	5.2	55.1
Mozambique	...	...	...	...	...	...	...	...	...	23.1	...	36.2	25.9
Namibia ²	...	...	1.3**	87.6**	77.1	11.7	86.4	...	27**	...	...	12.3	66.8
Niger	0.3	100.0	0.6	98.3	100.0	100.0	100.0	37	21	8.8	32.6	15.7	33.1
Nigeria	...	...	...	...	...	...	...	...	...	331.9	42.9	...	...
Rwanda	...	...	0.5	85.8	...	...	...	...	35	19.2	46.3	28.7	51.1
Sao Tome and Principe	...	...	...	...	...	...	...	...	...	...	...	0.6	61.8
Senegal	0.7	75.2	1.4	82.2	100.0	100.0	100.0	26	22	13.4	...	22.8	22.1
Seychelles	0.2	100.0	0.2	100.0	80.1	...	80.1	20	15	...	...	0.7	86.1
Sierra Leone ²	...	...	0.9	83.3	76.3	94.7	72.6	...	19	10.9	...	14.9	38.4
Somalia	...	...	...	...	...	...	...	...	...	...	...	...	...
South Africa ²	...	...	...	...	...	...	...	...	...	...	...	222.5	75.2
Swaziland ²	0.6	...	...	...	...	...	...	19	...	5.1	79.2	6.5**	75.4**
Togo	0.4	100.0	0.6	93.0	61.3	82.2	59.7	29	16	11.1	18.8	27.5	12.5
Uganda ²	...	...	2.8	69.8	85.6	76.9	89.4	...	25	84.1	29.8	110.4	32.6**
United Republic of Tanzania	...	...	...	...	...	...	...	...	...	96.9	41.3	106.0**	45.3**
Zambia ²	...	...	...	...	...	...	...	...	...	33.2	...	35.3	50.4
Zimbabwe ^w	...	...	...	...	...	...	...	...	...	59.2	39.2	66.4	48.3

		% F	% F							% F	% F
World ⁴	...	...	98.1	...	...	...	...	19	...	57.1	72.3
Countries in transition	...	...	99.6	...	...	...	...	11	11	83.8	91.9
Developed countries	...	97.9	97.2	...	...	...	...	19	16	76.6	79.9
Developing countries	...	...	98.1	...	...	...	...	22	...	46.2	61.5
Arab States	...	99.6	99.0	...	...	...	...	21	19	49.6	53.9
Central and Eastern Europe	...	...	99.5	...	...	...	...	11	12	83.8	90.5
Central Asia	...	...	100.0	...	...	...	...	10	11	85.1	92.3
East Asia and the Pacific	...	...	...	...	...	...	...	23	...	...	69.3
Latin America and the Caribbean	...	...	99.0	82.4	...	...	...	24	19	...	80.6
North America and Western Europe	...	98.5	97.1	...	...	...	...	19	16	76.6	79.9
South and West Asia	...	...	50.0	...	...	...	...	33	...	28.7	35.8
Sub-Saharan Africa	...	...	91.2	...	...	...	...	25	...	31.9	39.5

1. Includes both lower- and upper-secondary education (ISCED levels 2 and 3, respectively).

2. Data in italics are for 1999/2000.

3. Policy change: implementation since 1999 of a programme aimed at improving the quality of education and the recruitment of teachers.

4. All values shown are medians.

PRIMARY EDUCATION						SECONDARY EDUCATION ¹									TERTIARY EDUCATION			
Trained teachers (%)			Pupil/teacher ratio		Total teachers				Trained teachers (%)			Pupil/teacher ratio		Total teachers				
2000			1990	2000	1990		2000		2000			1990	2000	1990		2000		
Total	Male	Female			Total (000)	% F	Total (000)	% F	Total	Male	Female			Total (000)	% F	Total (000)	% F	
64.6	60.0	72.5	65	51	6.9	...	7.7**	9.5**	...	...	...	27	26**	1.1	8.5	0.7	5.1
99.1	99.1	98.7	37	46	...	...	23.2**	...	...	...	...	18	29**	...	...	...	...
...	...	...	40	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	42	...	...	0.1	...	...	...	...	...	25**	0.1	12.1	...	...
70.5	80.1	56.5	...	45	...	...	2.7	10.5	62.0	61.2	68.3	...	52	...	...	0.3	12.2
70.4	64.3	84.7	36	55	23.3	9.8	15.0	...	...	...	...	37	...	1.7	7.5	3.2	7.6
95.3	95.8	94.6	...	49	...	...	...	...	...	...	...	...	...	...	...	...	...
73.1	68.9	83.4	31	37	0.8	...	2.2	17.4	89.0	87.9	94.5	27	25	...	...	...	...
68.6	59.4	85.9	29	33	...	...	55.5	22.7	73.8	69.9	87.3	19	19	1.5	...	3.5	12.4
...	...	...	40	44	6.0	12.1	5.3	...	...	...	...	14	...	...	...	...	...
35.1	33.3	42.4	...	44	...	...	...	...	...	...	...	...	21**	...	...	...	...
...	...	...	31	30**	...	...	48.0**	35.3**	...	...	...	...	20	26**	...	...	...
74.2	61.6	77.3	55	48	...	...	3.3**	51.0**	...	...	...	20	23**	...	...	0.4	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.7**	16.1**
...	...	...	40	50**	...	...	...	...	...	...	...	21	...	0.9	26.7	1.4	30.1
51.2	52.2	49.4	61	...	...	...	12.8**	19.8**	26.9**	26.1**	30.4**	28	38**	...	...	...	...
...	...	...	47	63	5.7	14.0	6.0	...	...	...	...	15	...	...	...	...	...
100.0	100.0	100.0	21	26	...	...	5.4**	48.2**	...	...	...	21	19**	0.4	19.6	...	...
...	...	...	55	64	4.7	...	10.4	...	...	...	...	34	...	...	...	...	...
36.0	34.7	36.7	...	32	...	...	5.2**	46.3**	64.4	60.7	68.7	...	24**	...	...	...	...
84.1	85.7	80.9	42	42	2.8	17.7	4.6**	16.8**	...	...	...	28	24**	...	...	0.8	15.1**
...	...	...	41	...	141.4	32.6	...	...	...	...	...	21	...	...	...	...	...
...	...	...	57	51	2.8	20.2	...	...	...	...	...	14	...	...	...	1.3	15.0
...	...	...	...	34	...	...	...	...	...	...	...	...	...	...	...	0.03	33.3
100.0	100.0	100.0	53	51	...	...	11.2**	12.2**	...	...	...	22	23**	...	...	...	...
81.1	77.9	81.7	...	15	0.3	...	0.5**	52.5**	...	...	...	13	14**	...	...	...	...
60.7	62.7	57.6	35	...	6.0	17.6	5.8	27.4	...	...	...	17	27	0.6	...	1.2	14.6
...	
63.3	66.0	62.5	...	33	...	...	140.9**	50.0**	...	...	...	...	29**	16.7	34.5	...	...
91.1	89.1	91.8	33	33**	...	...	...	...	...	...	...	19	...	0.4	37.6	0.4**	35.3**
80.0	82.2	64.5	58	34	4.5	11.8	9.3**	10.2**	...	...	...	28	31**	0.4	9.6	...	...
...	...	...	29	...	...	...	31.0	...	...	...	...	17	19**	1.6	...	4.1	19.2
...	...	...	35	40**	7.9	24.3	...	...	...	...	...	21	...	...	...	2.2	14.3
100.0	100.0	100.0	44	45	...	...	5.2	...	...	...	...	...	29**	...	...	...	...
...	...	...	36	37	24.5	28.9	34.2	47.9	...	...	...	27	25	2.3	...	...	...

...	...	...	27	23	...	...	...	54.4	...	...	...	17	17	...	...	...	...
...	...	...	21	18	...	...	...	71.3	...	...	...	14	13	...	...	...	...
...	...	...	17	14	...	...	...	57.5	...	...	...	12	12	...	...	...	39.1
...	...	...	31	28	...	...	...	49.8	...	...	...	19	20	...	...	...	...
...	...	...	25	23	...	40.9	...	49.8	...	...	...	15	18	...	...	...	...
...	...	...	20	18	...	...	...	71.4	...	...	...	14	13	...	...	...	...
...	...	...	21	20	...	...	...	68.5	...	...	...	13	13	...	...	...	47.1
...	...	...	26	24	...	...	...	...	...	...	...	16	20	...	...	...	...
79.5	...	...	26	22	...	...	...	58.2	73.4	73.4	73.4	17	18	...	...	...	...
...	...	...	15	14	...	...	...	57.9	...	...	...	12	12	...	...	...	39.1
66.5	67.7	65.6	41	41	...	...	...	...	...	...	...	26	31	...	...	...	...
74.2	77.9	81.4	40	44	...	...	...	...	...	...	...	21	25	...	...	...	...