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Teaching staff at the primary, secondary and upper secondary levels

Proportion of teachers with minimum required qualifications (%)

Personnel enseignant au niveau primaire, secondaire et secondaire de deuxième cycle

Proportion d'enseignants avec les qualifications minimales requises (%)

Region, country or area Région, pays ou zone	Year Année	Primary education Enseignement primaire		Secondary education Enseignement secondaire		Upper secondary education Enseignement secondaire de deuxième cycle	
		Total Totale ('000)	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale ('000)	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale ('000)	Teachers with minimum required qualifications(%) Enseignants avec les qualifications minimales requises (%)
Total, all countries or areas Total, tous pays ou zones	*2005	26 899	...	28 483	...	11 824	...
	2010	28 645	...	32 172	...	14 337	...
	2015	31 228	* 85.1	33 577	...	14 679	...
	2019	32 653	* 83.8	37 016	* 82.9	16 262	* 81.4
	*2020	33 319	82.5	37 983	...	16 742	...
Northern Africa Afrique septentrionale	2005	944	* 97.4	* 993	...	* 495	...
	2007	952	* 97.1	* 1 037	...	* 510	...
	2010	972	...	* 1 162	...	* 537	...
	*2015	1 176	86.0	1 205	80.3	575	78.6
	*2020	1 318	86.3	1 306	88.0	577	86.7
Sub-Saharan Africa Afrique subsaharienne	2005	2 576	* 71.4	1 172	* 78.9	* 463	...
	2010	3 168	* 69.9	* 1 868	* 60.0	* 747	* 52.0
	2015	4 113	* 65.7	* 2 726	* 57.0	* 1 148	* 58.6
	*2019	4 737	66.7	3 058	61.1	1 386	64.5
	*2020	4 862	...	3 165	...	...	...
Northern America Amérique septentrionale	2005	1 865	...	1 774	...	829	...
	*2010	1 886	...	1 861	...	928	...
	2015	1 847	...	1 803	...	912	...
	*2020	1 852	...	1 872	...	943	...
	Latin America & the Caribbean Amérique latine et Caraïbes	2005	2 945	...	3 475	...	1 437
2007		2 877	* 81.2	3 248	* 84.2	1 388	* 84.6
2010		2 924	* 80.5	3 554	...	1 557	...
2012		2 957	* 81.4	3 672	* 85.3	1 622	* 87.0
2015		3 017	* 82.3	3 886	* 84.6	* 1 755	...
2019		3 024	* 82.8	3 931	* 78.0	1 865	...
*2020		3 049	...	3 938	...	1 860	...
Central Asia Asie centrale	2005	243	* 94.2	815	* 90.4	...	...
	2010	226	96.9	762	* 95.6	...	...
	2015	253	* 99.5	794	* 95.4	* 236	...
	2016	250	* 99.6	834	* 95.3	* 245	* 99.9
	2018	265	98.2	844	95.8	* 243	...
	2020	296	97.0	837	96.5	...	...
Eastern Asia Asie orientale	*2005	6 683	...	6 499	...	2 485	...
	2010	6 658	...	7 434	...	3 320	...
	2015	6 579	...	7 281	...	3 246	...
	2020	7 239	...	7 622	...	3 341	...
South-central Asia Asie centrale et du Sud	*2005	4 827	...	4 971	...	2 166	...
	2010	* 5 501	...	6 373	...	3 192	...
	2015	6 308	* 76.0	6 534	...	2 883	...
	2020	6 714	77.5	9 306	81.5	4 152	86.0
South-eastern Asia Asie du Sud-Est	2005	2 939	...	2 203	...	731	...
	2010	3 245	...	* 2 633	...	* 907	...
	*2015	3 710	97.2	2 743	95.7	892	91.7
	2019	3 635	* 98.4	* 2 983	* 95.2	* 1 052	* 91.1
	*2020	3 638	97.7	3 002	...	1 075	...
Southern Asia Asie méridionale	*2005	4 583	...	4 157	...	1 941	...
	2010	* 5 275	...	5 611	...	2 966	...
	2015	6 055	* 75.1	5 740	...	2 646	...
	2020	6 417	76.6	8 468	80.1	3 928	84.2
Western Asia Asie occidentale	*2005	1 289	...	1 340	...	527	...
	*2010	1 444	...	1 589	...	664	...
	2015	* 1 551	* 85.7	1 805	...	844	...
	*2020	1 558	82.0	1 976	...	920	...

Teaching staff at the primary, secondary and upper secondary levels (*continued*)

Proportion of teachers with minimum required qualifications (%)

Personnel enseignant au niveau primaire, secondaire et secondaire de deuxième cycle (*suite*)

Proportion d'enseignants avec les qualifications minimales requises (%)

Region, country or area Région, pays ou zone	Year Année	Primary education Enseignement primaire		Secondary education Enseignement secondaire		Upper secondary education Enseignement secondaire de deuxième cycle	
		Total Totale (‘000)	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale (‘000)	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale (‘000)	Teachers with minimum required qualifications(%) Enseignants avec les qualifications minimales requises (%)
Europe	2005	2 673	...	5 833	...	2 571	...
Europe	2010	2 674	...	* 5 480	...	* 2 367	...
	2015	2 733	...	5 365	...	* 2 303	...
	2019	2 868	* 85.2	5 511	...	2 299	...
	*2020	2 873	...	5 572	...	2 295	...
Oceania	*2005	159	...	...	...	...	...
Océanie	*2010	175	...	...	...	...	...
	*2015	194	...	...	...	...	...
	*2017	201	...	...	...	...	...
Afghanistan	2007	110	...	33	...	9	...
Afghanistan	2010	119	...	...	...	...	...
	2015	143	...	83	...	31	...
	2018	134	...	92	...	34	...
	2019	136	...	...	...	34	...
Albania	2003	12	...	22	...	6	...
Albanie	2005	...	...	...	...	7	...
	2010	11	...	24	...	8	...
	2015	10	...	23	...	9	...
	2018	10	89.9	24	...	9	...
	2020	10	...	24	52.4	9	54.2
Algeria	2005	171	98.5	...	...	...	...
Algérie	2007	171	98.9	...	...	...	...
	2010	142	...	...	...	...	...
	2015	165	100.0	...	...	...	...
	2020	201	...	...	...	...	...
Andorra	2005	~0	...	~0	...	~0	...
Andorre	2010	~0	100.0	...	...	...	...
	2015	~0	100.0	1	100.0	...	...
	2020	~0	100.0	1	100.0	...	...
Angola	*2001	...	...	22	...	...	...
Angola	2010	94	...	...	...	...	...
	2011	118	47.5	32	...	15	...
	2015	112	...	73	51.5	22	46.7
	2016	96	...	76	...	23	...
Anguilla	2005	~0	68.1	* ~0	...	...	...
Anguilla	2007	~0	53.6	~0	60.4	...	...
	2010	~0	52.7	...	...	...	...
	2011	~0	71.2	~0	57.3	...	...
	2019	~0	...	~0	...	...	...
Antigua and Barbuda	2000	1	...	~0	...	~0	...
Antigua-et-Barbuda	2010	1	54.8	1	42.9	~0	48.3
	2015	1	65.3	1	46.9	1 ¹	...
	2018	1	52.8	1	47.7	...	...
Argentina	2005	279	...	257	...	137	...
Argentine	2008	289	...	324	...	171	...
Armenia	2005	6	77.5	...	...	...	...
Arménie	2007	7	...	...	...	...	...
	2020	8	75.1	24	76.2	13	77.1
Aruba	2005	1	100.0	1	91.8	...	...
Aruba	2010	1	100.0	1	96.2	...	...
	2012	1	99.5	1	95.9
Austria	2005	29	...	71	...	29	...
Autriche	2010	30	...	75	...	32	...
	2015	31	...	72	...	30	...
	2019	32	...	74	...	30	...

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Proportion d'enseignants avec les qualifications minimales requises (%)

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Azerbaijan	2005	42	100.0
Azerbaïdjan	2010	44	100.0
	2015	41	99.3
	2020	40	99.9	122	...	31	72.0
Bahamas	*2004	2	...	2	...	1	...
Bahamas	2005	2	90.6	1	91.5
	2010	2	91.5	3	89.0	1	89.0
	2015	2	89.6	2	84.7	1	86.3
	2018	2	89.8	2	83.1	1	85.1
Bahrain	2015	9	82.5	9	83.2	5	83.7
Bahreïn	2020	9	100.0	10	100.0	5	100.0
Bangladesh	2005	345	53.4	423	...	202	...
Bangladesh	2009	361	58.4	387	...	179	41.7
	2010	395	...	400	...	195	40.7
	2013	378	58.0	174	56.2
	2015	528	47.6
	2017	574	* 50.4	451	66.5	221	...
	2018	* 577	...	452	...	257	...
	2020	487	61.7	286	61.3
Barbados	2005	1	73.2	* 1	* 60.5
Barbade	2006	1	57.1
	*2010	2	58.5
	2015	2	65.8	1	52.3	1	52.4
	2020	1	75.1	1	52.2	1	52.2
Belarus	2005	24	99.8
Bélarus	2010	24	99.8
	2015	22	99.4	77	96.0	23	91.5
	2018	22	99.6	76	96.6	22	91.5
Belgium	2005	64
Belgique	2010	66
	2015	70	...	129	...	81	...
	2019	74	...	132	...	82	...
Belize	2005	2	...	* 2	...	* ~0	...
Belize	2010	2	45.2	2	37.8	1	34.4
	2015	3	67.5	2	47.2	1	39.6
	2020	3	86.1	2	70.1	1	69.5
Benin	2004	26	...	* 14	...	* 4	...
Bénin	2005	28
	2010	39	42.6
	2014	46	67.6	90	...	30	...
	2015	50	69.1	93	20.0
	2020	57	77.0	49	34.0
Bermuda	2005	1	100.0	1	100.0	~0	100.0
Bermudes	2006	1	100.0	1	100.0	~0	100.0
	2010	1	...	1	...	~0	...
	2014	1	100.0	1	100.0	~0	100.0
	2015	~0	...	1	...	~0	...
	2016	~0	100.0	1	100.0	~0	100.0
Bhutan	2005	3	93.8	1	...	~0	...
Bhoutan	2008	4	91.5	2	83.3	1	72.2
	2010	4	...	3	...	1	...
	2015	2	100.0	6	100.0	2	100.0
	2018	3	100.0	* 7	* 100.0	* 3	* 100.0
	2020	3	100.0
Bolivia (Plurin. State of)	2015	79	86.6	60	83.5
Bolivie (État plurin. de)	2018	77	90.4	67	88.7

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Bosnia and Herzegovina Bosnie-Herzégovine	2005	11	...
	2010	12	...
	2015	9	...	27	...	13	...
	2020	9	...	28	...	13	...
Botswana Botswana	2005	13	92.6	13	97.0
	2007	13	97.4	13	99.1
	2009	13	100.0
	2010	...	99.8
	2015	15	98.7	...	99.3
	2017	...	99.8	...	99.8
Brazil Brésil	2005	887	...	1 612	...	646	...
	2010	762	...	1 413	...	619	...
	2015	792	...	1 429	...	639	...
	2019	784	...	1 368	...	612	...
British Virgin Islands Îles Vierges britanniques	2005	~0	...	~0	...	~0	...
	2007	~0	71.6	~0	...	~0	...
	2010	~0	...	~0	...	~0	...
	2011	~0	...	~0	...	~0	...
	2015	~0	91.6	~0	88.8
2020	~0	76.2	~0	69.5	
Brunei Darussalam Brunéi Darussalam	2005	5	84.5	4	85.2	* 2	...
	2009	4	84.1	5	88.4
	2010	4	87.1
	2015	4	82.3	5	90.7	4	90.1
	2019	4	86.6	5	90.3	4	90.6
	2020	4	85.2	6	86.7
Bulgaria Bulgarie	2005	18	...	57	...	32	...
	2010	15	...	44	...	26	...
	2014	15	...	39	...	22	...
	2019	21	...	39	...	22	...
Burkina Faso Burkina Faso	2003	23	...	8
	2005	27	88.3
	2009	39	86.1	18	50.0	6	50.4
	2010	39	...	18
	2015	64	85.4	38	60.0
	2020	87	89.5	65	64.0	15	64.0
Burundi Burundi	2005	21	87.5	* 7
	2009	34	91.2	11	...	2	...
	2010	37	...	11
	2015	48	100.0	19	100.0	6	100.0
	2018	51	100.0	25	100.0	15	100.0
	2019	52	100.0	26	...	15	...
	2021	52	14	...
Cabo Verde Cabo Verde	2005	3	77.8	2	62.1	1	100.0
	2010	3	90.0	4	81.3	1	100.0
	2014	3	96.0	4	86.9	2	100.0
	2015	3	...	4
	2019	3	98.9	3	95.6	1	95.6
Cambodia Cambodge	2003	49	...	24	...	6	...
	2005	51	97.7
	2007	49	98.4	30	99.4	10	99.8
	2010	47	99.1
	2015	48	100.0	...	100.0
	2019	52	100.0	...	100.0
	2020	51	100.0

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Cameroon Cameroun	*2005	62	62.7	48
	2008	70	...	43
	2010	77	57.4
	2012	84	78.8	80
	2015	105	...	106	53.2	47	57.0
	2016	105	...	115	...	51	...
	2017	98	81.2
	2019	97
Canada Canada	2000	141
	2010	147	...
	2015	169	...
	2019	144	...
Cayman Islands Îles Caïmanes	2005	~0	98.8	*~0	*99.6	*~0	*100.0
	2006	~0	97.2	~0	99.7	~0	99.4
	2008	~0	95.8	~0	98.3
	2012	~0	97.0	1	99.0	~0	99.1
	2013	~0	88.1
	2020	~0	100.0	~0	100.0	~0	99.9
Central African Republic République centrafricaine	2005	5
	2010	8	...	2
	2012	8	...	2
	2016	10	...	3	45.4
	2017	4
Chad Tchad	2000	13	...	4	...	2	...
	2005	20	...	*7
	2010	28	70.2	13	...	6	...
	2013	37	65.0	15	53.0
	2015	41	...	19	...	8	...
	2016	39	...	20	44.0	9	49.3
	2018	44	...	20	...	10	...
	2019	45	...	23
Chile Chili	2005	66	...	66	...	43	...
	2010	66	...	69	...	47	...
	2015	80	...	80	...	53	...
	2019	92	...	87	...	59	...
China Chine	2003	5 779	...	5 138	...	1 708	...
	2010	5 997	...	6 417	...	2 759	...
	2015	5 889	...	6 234	...	2 669	...
	2020	6 527	...	6 590	...	2 770	...
China, Hong Kong SAR Chine, RAS de Hong Kong	2005	25	93.2	*28	*92.9
	2010	23	95.6	*30	*94.2
	2015	24	96.2	*30	*96.6
	2020	29	95.7	31	95.7
China, Macao SAR Chine, RAS de Macao	2005	2	90.8	2	66.6	1	66.1
	2010	2	84.7	2	71.2	1	72.7
	2015	2	96.2	3	87.4	1	87.4
	2020	3	98.9	3	93.1	1	93.2
Colombia Colombie	2004	188	...	164	...	*42	...
	2005	187	...	164
	2010	181	100.0	187	96.5	65	96.6
	2015	185	94.0	181	97.5	51	98.1
	2019	185	97.5	188	99.2	57	99.3

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Comoros	2004	3	...	3	...	1	...
Comoros	2008	4	57.4
	2011	4	55.2
	2013	4	...	8	...	4	...
	2014	8	...	4	...
	2017	6	71.9	13	22.8	5	19.7
	2018	4	...	9	...	3	...
Congo	2004	7	...	* 7	...	* 3	...
Congo	2010	14	86.8
	2012	17	80.3	18	59.2	6	84.2
	2018	28	...	26	...	7	...
Cook Islands Îles Cook	2005	~0	...	~0	96.7
	2007	~0	79.2	~0	78.9
	2010	~0	...	~0
	2015	~0	99.0	~0	98.4
	2020	~0	98.3	~0	99.2
Costa Rica	2002	24	...	15	...	5	...
Costa Rica	2005	25	96.8
	2010	29	89.5	27	87.9	8	87.7
	2015	37	93.9	33	96.3	12	95.6
	2020	43	94.3	40	96.7	17	96.6
Côte d'Ivoire	*2003	48
Côte d'Ivoire	2009	57	100.0
	2014	75	84.9	64	100.0
	2015	80	100.0
	2019	96	100.0	77	100.0
	2020	101	100.0	88
Croatia	2003	11	100.0	37	100.0	20	100.0
Croatie	2005	11	...	39	...	22	...
	2010	12	...	48	...	26	...
	2015	12	...	51	...	28	...
	2019	13	...	52	...	28	...
Cuba	2005	87	100.0	85	100.0	38	100.0
Cuba	2010	93	100.0	85	100.0	45	100.0
	2015	84	100.0	91	100.0	48	100.0
	2020	85	100.0	82	100.0	45	100.0
Cyprus	2005	3	...	6	...	3	...
Chypre	2010	4	...	7	...	3	...
	2015	5	...	6	...	3	...
	2019	5	...	7	...	4	...
Czechia	2005	31	...	93	...	53	...
Tchéquie	2010	25	...	76	...	43	...
	2013	26	...	69	...	37	...
	2015	0
	2019	0
Dem. People's Rep. Korea Rép. pop. dém. de Corée	2009	70	...	124
	2015	123	...	68	...
	2018	74	...	124	...	69	...
Dem. Rep. of the Congo Rép. dém. du Congo	2002	159
	2010	286	91.7	218	32.5
	2014	383	94.6	301	23.5
	2015	415	...	324
	2018	544	92.0	378	58.0
Denmark	2001	40	...	44	...	23	...
Danemark	2014	44	...	49	...	25	...
	2019	46	...	55	...	27	...

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Djibouti	2002	1
Djibouti	2004	1
	2009	2	100.0	1	...	* 1	...
	2015	2	100.0	3	100.0	1	100.0
	2018	2	100.0	3	...	1	...
	2020	2	...	3	...	2	...
	2021	2	...	3	...	2	...
Dominica	2005	1	59.9	~0	31.3	~0	31.9
Dominique	2010	1	60.8	1	38.7	~0	45.5
	2014	1	64.8	1	46.3	~0	46.5
	2015	1	64.5	1	45.4
	2016	1	65.7	1	48.6	~0	48.7
	2020	1	57.5	1	28.6
Dominican Republic	2005	53	88.3	31	84.8	18	82.4
République dominicaine	2010	52	84.9	32	90.2	20	93.3
	2015	71	87.3	42	82.8	25	79.4
	2020	65	94.9	0
Ecuador	2005	87	71.1	* 76	* 69.9	* 32	* 69.7
Équateur	2007	90	71.6	78	70.5	33	70.4
	2010	96	...	83	...	40	...
	2015	80	...	86	...	43	...
	2020	76	88.4	90	74.7	49	72.3
Egypt	*2004	363	...	488	...	257	...
Egypte	*2005	373
	2009	382	...	549	...	277	...
	2010	380	269	...
	2019	531	84.6	594	82.9	289	81.2
El Salvador	2005	24	94.9	* 18	* 89.0	7	83.2
El Salvador	2009	31	92.7	23	92.8	8	92.5
	2015	25	95.6	19	92.0	8	90.1
	2018	25	95.5	19	92.5	8	91.5
	2019	0
Equatorial Guinea	2000	2	...	* 1	...	* ~0	...
Guinée équatoriale	2003	2
	2005	1	24.7
	2010	3	45.3
	2015	4	37.2
Eritrea	2005	8	83.6	4	51.1	2	81.7
Érythrée	2010	8	93.8	6	66.8	3	75.2
	2013	9	79.9	7	83.2	3	80.0
	*2014	9	70.7	7	...	3	...
	2015	8	...	6	...	3	...
	2018	9	84.5	7	...	3	...
Estonia	2001	8	...	12	...	6	...
Estonie	2010	6	...	11	...	6	...
	2013	7	...	10	...	5	...
	2019	8	...	9	...	4 ¹	...
Eswatini	2003	7	...	4	...	* 1	...
Eswatini	2005	7	90.8	4	98.7
	2010	7	79.3	5	73.0
	2015	9	82.1	6	73.2
	2016	9	66.9	7
	2017	9	87.7
	2019	9

Teaching staff at the primary, secondary and upper secondary levels (*continued*)

Proportion of teachers with minimum required qualifications (%)

Personnel enseignant au niveau primaire, secondaire et secondaire de deuxième cycle (*suite*)

Proportion d'enseignants avec les qualifications minimales requises (%)

Region, country or area Région, pays ou zone	Year Année	Primary education Enseignement primaire		Secondary education Enseignement secondaire		Upper secondary education Enseignement secondaire de deuxième cycle	
		Total Totale ('000)	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale ('000)	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale ('000)	Teachers with minimum required qualifications(%) Enseignants avec les qualifications minimales requises (%)
Ethiopia Éthiopie	2000	87	...	...	...	...	...
	2008	215	89.7	80	64.1	14	61.7
	2009	234	84.6	82	...	15	* 74.5
	2010	252	...	98	...	18	...
	2011	260	...	113	...	24	...
	2012	...	...	* 122	...	25	86.4
	2015	...	...	...	...	18	100.0
	2019	...	...	...	...	...	96.2
	2020	538	...	123	...	36	...
Fiji Fidji	2004	4	...	* 5	...	* 2	...
	2007	...	...	4	96.1	...	...
	2008	4	97.8	5	...	2	94.8
	2012	4	100.0	5	100.0	3	100.0
	2019	6	92.3	...	...	...	...
Finland Finlande	2005	25	...	42	...	21	...
	2010	25	...	43	...	23	...
	2014	26	...	42	...	22	...
	2019	27	...	40	...	19	...
France France	2005	216	...	528	...	275	...
	2010	234	...	463	...	234	...
	2013	229	...	457	...	230	...
	2019	247	...	458	...	216	...
Gabon Gabon	2003	8	...	...	...	...	...
	2011	13	...	...	...	...	...
	2019	...	52.0	...	...	...	...
Gambia Gambie	2005	6	...	...	...	...	...
	*2010	6	...	...	...	...	...
	2015	8	85.8	6	91.7	2	94.0
	2019	10	87.8	8	95.9	3	97.0
	2020	11	87.7	...	...	...	...
Georgia Géorgie	2000	18	...	59	...	19	...
	2003	17	...	49	...	...	...
	*2009	34	94.6	45	94.7	23	94.8
	2015	32	...	38	...	19	...
	2020	33	...	43	...	25	...
Germany Allemagne	2005	234	...	596	...	177	...
	2010	242	...	594	...	184	...
	2015	236	...	586	...	175	...
	2019	251	...	587	...	173	...
Ghana Ghana	2005	89	57.9	* 73	* 75.7	* 17	* 92.2
	*2010	121	50.6	112	70.4	31	82.6
	2015	139	54.7	147	73.7	43	82.9
	2018	162	60.4	167	77.1	44	88.2
	2019	169	61.5	188	...	60	85.1
	2020	186	67.3	208	...	61	...
Gibraltar Gibraltar	2001	~0	...	~0	...	~0	...
	2009	~0	99.5	~0	95.4	~0	100.0
	2017	~0	100.0	~0	98.6	~0	96.7
	2020	~0	...	~0	11.7	...	...
Greece Grèce	2005	59	...	86	...	43	...
	2007	62	...	87	...	44	...
	2015	67	...	76	...	37	...
	2019	74	...	80	...	37	...

Teaching staff at the primary, secondary and upper secondary levels (*continued*)

Proportion of teachers with minimum required qualifications (%)

Personnel enseignant au niveau primaire, secondaire et secondaire de deuxième cycle (*suite*)

Proportion d'enseignants avec les qualifications minimales requises (%)

Region, country or area Région, pays ou zone	Year Année	Primary education Enseignement primaire		Secondary education Enseignement secondaire		Upper secondary education Enseignement secondaire de deuxième cycle	
		Total Totale (‘000)	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale (‘000)	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale (‘000)	Teachers with minimum required qualifications(%) Enseignants avec les qualifications minimales requises (%)
Grenada	2003	1	...	1	...	*~0	...
Grenade	2004	1	...	* 1	...	...	...
	2005	1	75.3	...	...	...	...
	2010	1	65.3	1	25.3	...	...
	2015	1	63.6	1	41.8	~0	41.7
	2018	1	62.9	1	46.3	~0	46.5
Guatemala	2005	76	...	48	...	18	...
Guatemala	2010	99	...	77	...	30	...
	2014	105	...	92	...	38	...
	2020	116	...	120	...	55	...
Guinea	2003	24	...	* 10	...	* 3	...
Guinée	2005	27	68.1	12	...	...	...
	2008	31	* 82.1	16	* 90.8	6	* 94.5
	2010	34	...	...	59.4	...	...
	2011	35	80.4	19	61.7	7	...
	2015	36	75.7	...	47.5	...	...
	2016	38	75.4	...	50.4	...	...
	2020	44	76.7	...	...	...	...
Guinea-Bissau	2000	3	...	* 2	...	* 1	...
Guinée-Bissau	2006	4	...	1	...	...	...
	2010	5	38.9	...	...	...	...
Guyana	2005	4	57.2	* 4	* 54.9	* 1	* 64.4
Guyana	2009	4	63.7	4	55.1	1	49.9
	2010	4	66.1	4	57.4	1	...
	2012	4	69.6	4	60.9	1	...
Honduras	2004	38	...	17	...	5	...
Honduras	*2005	42	...	...	...	...	...
	2008	38	...	...	...	18	61.6
	2009	37	...	...	...	...	...
	2015	40	...	40	...	18	...
	2020	38	...	25	...	10	...
Hungary	2005	41	...	97	...	47	...
Hongrie	2010	37	...	89	...	48	...
	2015	36	...	80	...	41	...
	2019	38	...	77	...	39	...
Iceland	2005	...	...	...	...	2	...
Islande	2010	...	...	...	...	2	...
	2012	3	...	...	...	2	...
	2015	3	...	...	...	...	...
	2019	3	...	...	...	...	...
India	2003	3 038	...	2 507	...	...	...
Inde	2004	...	...	2 586	...	1 274	...
	2010	...	...	4 252	...	2 339	...
	2015	4 399	...	4 093	...	1 910	...
	2020	4 600	77.7	6 584	80.2	3 078	81.7
Indonesia	2005	1 428	...	1 282	...	531	...
Indonésie	2010	1 596	...	1 641	...	725	...
	2014	1 802	...	1 460	...	597	...
	2018	1 727	...	1 637	...	747	...
	*2019	1 772	...	...	...	...	...
Iran (Islamic Republic of)	2005	285	...	...	...	...	...
Iran (Rép. islamique d')	*2008	268	98.4	...	...	...	...
	2009	278	...	...	...	...	...
	2014	287	100.0	331	100.0	200	100.0
	2015	286	100.0	...	...	...	...
	2017	286	100.0	299	97.5	152	95.1

Teaching staff at the primary, secondary and upper secondary levels (*continued*)

Proportion of teachers with minimum required qualifications (%)

Personnel enseignant au niveau primaire, secondaire et secondaire de deuxième cycle (*suite*)

Proportion d'enseignants avec les qualifications minimales requises (%)

Region, country or area Région, pays ou zone	Year Année	Primary education Enseignement primaire		Secondary education Enseignement secondaire		Upper secondary education Enseignement secondaire de deuxième cycle	
		Total Totale (‘000)	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requisés (%)	Total Totale (‘000)	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requisés (%)	Total Totale (‘000)	Teachers with minimum required qualifications(%) Enseignants avec les qualifications minimales requisés (%)
Iraq	2004	211	100.0	91	100.0	31	100.0
Iraq	2007	287	...	148	...	...	...
Ireland	2005	25	...	...	...	...	...
Ireland	2010	32	...	...	...	...	...
Ireland	2012	32	...	...	...	...	...
Israel	2005	* 55	...	* 68	...	39	...
Israël	2009	* 60	...	* 71	...	42	...
Israël	2010	62	...	...	...	...	...
Israël	2015	73	...	...	...	...	...
Israël	2019	79	...	...	...	...	...
Italy	2005	264	...	428	...	245	...
Italie	2007	273	...	451	...	260	...
Italie	2015	237	...	408	...	242	...
Italie	2019	252	...	464	...	290	...
Jamaica	*2002	...	...	12	...	4	...
Jamaïque	2004	12	...	13	...	...	...
Jamaïque	2010	...	...	18	...	...	...
Jamaïque	2015	12	93.4	13	85.2	...	...
Jamaïque	2020	11	100.0	13	100.0	...	...
Japan	2005	383	...	610	...	352	...
Japon	2010	399	...	614	...	344	...
Japon	2015	410	...	634	...	353	...
Japon	2019	431	...	634	...	356	...
Jordan	2003	* 39	...	* 34	...	12	...
Jordanie	2004	...	...	...	...	10	...
Jordanie	2008	...	...	...	...	16	...
Jordanie	2014	58	100.0	51	100.0	23	100.0
Jordanie	2020	65	100.0	66	100.0	25	100.0
Kazakhstan	2005	59	...	...	...	...	...
Kazakhstan	2010	59	...	...	...	...	...
Kazakhstan	2015	74	100.0	224	100.0	...	...
Kazakhstan	2020	90	100.0	244	100.0	...	...
Kenya	*2005	145	98.9	91	...	54	...
Kenya	*2009	165	96.8	96	92.3	57	89.3
Kenya	2012	* 142	...	* 93	...	59	99.6
Kenya	2015	* 267	...	* 199	...	128	...
Kenya	2016	...	...	...	...	144	...
Kiribati	2005	1	93.9	1	66.8	~0	43.1
Kiribati	2008	1	85.4	1	62.0	~0	33.6
Kiribati	2010	...	94.1	...	65.6	...	...
Kiribati	2013	...	54.1	...	64.3	...	...
Kiribati	2014	1	52.4	...	...	...	36.5
Kiribati	2015	...	78.8	...	...	...	31.0
Kiribati	2016	1	72.7	...	...	...	47.0
Kiribati	2020	1	90.5	...	...	...	...
Kuwait	2004	12	...	25	...	13	...
Koweït	2005	17	100.0	...	...	12	100.0
Koweït	2008	23	100.0	27	100.0	12	100.0
Koweït	2009	25	100.0	* 31	...	* 14	...
Koweït	2010	26	...	...	...	...	...
Koweït	2015	30	78.9	40	...	17	...
Koweït	2019	33	...	46	...	19	...
Koweït	2020	34	94.7	...	...	...	...

Teaching staff at the primary, secondary and upper secondary levels (*continued*)

Proportion of teachers with minimum required qualifications (%)

Personnel enseignant au niveau primaire, secondaire et secondaire de deuxième cycle (*suite*)

Proportion d'enseignants avec les qualifications minimales requises (%)

Region, country or area Région, pays ou zone	Year Année	Primary education Enseignement primaire		Secondary education Enseignement secondaire		Upper secondary education Enseignement secondaire de deuxième cycle	
		Total Totale (‘000)	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale (‘000)	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale (‘000)	Teachers with minimum required qualifications(%) Enseignants avec les qualifications minimales requises (%)
Kyrgyzstan Kirghizistan	2005	18	58.0	54	75.9	...	...
	2010	16	68.4	48	76.3	...	...
	2015	17	92.8	60	81.5	...	...
	2017	20	95.4	63	74.8	...	...
	2020	22	...	60	...	...	...
Lao People's Dem. Rep. Rép. dém. populaire lao	2005	28	83.4	16	90.6	* 5	* 89.8
	2010	32	95.4	21	* 99.3	5	* 99.4
	2015	35	98.4	* 34	* 99.3	* 10	* 99.0
	2020	35	98.8	38	99.5	13	99.5
Latvia Lettonie	2005	7	...	25	...	10	...
	2010	10	100.0	16	100.0	9	100.0
	2015	11	100.0	15	100.0	7	100.0
	2019	11	100.0	13	100.0	6	100.0
Lebanon Liban	*2005	33	...	42	...	22	...
	2010	33	...	43	...	23	...
	2014	39	...	48	...	20	...
	2016	40	...	50	...	21	...
	2020	41	...	...	...	...	...
Lesotho Lesotho	2005	10	63.7	3	82.1	...	...
	2007	11	71.8	4	81.3	...	...
	2010	12	63.4	* 5	...	...	...
	2015	11	79.2	6	100.0	...	...
	2016	11	86.5	6	88.9	...	...
	2017	11	...	5	...	...	...
Liberia Libéria	2000	13	...	...	...	...	...
	2009	22	47.8	...	...	...	...
	2014	26	56.4	15	54.6	5	...
	2015	22	...	12	61.7	4	59.9
	2017	28	70.2	18	...	6	...
Libya Libye	2005	...	...	...	...	67	...
	2006	...	...	...	...	74	...
Liechtenstein Liechtenstein	2005	~0	...	~0	...	~0	...
	2009	~0	...	~0	...	~0	...
	2010	~0	...	...	...	...	...
	2015	~0	...	~0	...	~0	...
	2019	~0	...	~0	...	~0	...
Lithuania Lituanie	2005	11	...	43	...	...	...
	2010	10	...	39	...	...	...
	2015	8	...	33	...	9	...
	2019	9	...	29	...	7	...
Luxembourg Luxembourg	2005	3	...	3	...	...	...
	2010	4	...	5	...	3	...
	2015	4	...	5	...	3	...
	2018	5	...	5	...	3	...
	2019	5	...	6	...	...	...
Madagascar Madagascar	2005	67	...	* 29	...	...	...
	2009	90	...	44	...	11	...
	2010	106	...	...	...	...	...
	2014	111	16.7	65	20.7	18	17.4
	2015	116	15.1	...	...	...	...
	2018	122	14.7	80	20.2	22	14.2
	2019	127	15.3	82	...	20	15.9
Malawi Malawi	*2010	43	95.9	16	59.7	...	...
	*2013	57	90.8	20	65.6	...	...
	*2015	60	...	25	...	...	...
	2019	83	...	15	...	...	...

Teaching staff at the primary, secondary and upper secondary levels (*continued*)

Proportion of teachers with minimum required qualifications (%)

Personnel enseignant au niveau primaire, secondaire et secondaire de deuxième cycle (*suite*)

Proportion d'enseignants avec les qualifications minimales requises (%)

Region, country or area Région, pays ou zone	Year Année	Primary education Enseignement primaire		Secondary education Enseignement secondaire		Upper secondary education Enseignement secondaire de deuxième cycle	
		Total Totale (‘000)	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale (‘000)	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale (‘000)	Teachers with minimum required qualifications(%) Enseignants avec les qualifications minimales requises (%)
Malaysia	2004	181	...	* 149	...	* 62	...
Malaysia	2005	190	91.9	153	...	...	...
Malaysia	2010	257	95.4	191	94.2	...	...
Malaysia	2013	274	96.7	207	98.5	...	...
Malaysia	2015	270	99.9	...	99.5	...	...
Malaysia	2019	251	99.2	229	89.8	...	...
Maldives	2003	4	...	2	...	~0	...
Maldives	2005	3	64.3	...	...	...	...
Maldives	2010	4	77.0	...	94.9	...	94.5
Maldives	2015	4	82.8	...	93.4	...	94.0
Maldives	2019	5	88.8	4	93.6	1	91.3
Mali	2000	16	...	* 9	...	* 4	...
Mali	2005	28	...	...	...	...	...
Mali	2008	35	50.1	26	80.7	15	83.8
Mali	2009	38	50.0	* 29	...	* 17	...
Mali	2010	40	...	...	...	...	...
Mali	2011	44	52.4	33	...	18	...
Mali	2015	52	...	49	...	27	...
Mali	2017	66	...	58	...	24	...
Mali	2018	65	...	...	...	...	...
Malta	2005	2	...	3	...	...	...
Malta	2006	2	...	3	...	1	...
Malta	2008	2	...	4	...	...	...
Malta	2010	2	...	...	...	...	...
Malta	2015	2	84.7	4	78.1	2	...
Malta	2019	2	80.9	4	69.5	2	...
Marshall Islands	2002	1	...	~0	...	~0	...
Marshall Islands	*2003	...	...	~0	...	~0	...
Marshall Islands	2009	...	...	...	...	~0	...
Marshall Islands	2020	...	...	1	55.4	~0	66.9
Mauritania	2003	10	...	3	...	* 1	...
Mauritania	2005	11	100.0	3	...	...	...
Mauritania	2006	11	100.0	* 4	* 100.0	* 2	* 100.0
Mauritania	2010	14	100.0	...	...	...	...
Mauritania	2014	17	91.2	5	86.9	3	75.9
Mauritania	2015	18	...	6	...	3	...
Mauritania	2019	17	96.9	9	92.5	4	92.1
Mauritius	2005	6	100.0	7	...	...	...
Mauritius	2010	5	100.0	8	...	...	...
Mauritius	2015	5	100.0	10	31.3	...	...
Mauritius	2019	6	100.0	10	47.5	...	...
Mauritius	2021	6	100.0	11	52.2	...	...
Mexico	2005	519	94.9	593	89.4	237	91.2
Mexico	2010	530	95.6	652	91.0	257	92.8
Mexico	2012	534	96.0	684	91.8	274	93.5
Mexico	2015	574	93.9	814	94.8	...	...
Mexico	2018	572	95.3	834	95.6	...	...
Mexico	2019	572	...	867	...	419	...
Micronesia (Fed. States of)	*2015	1	...	...	...	...	...
Micronesia (Fed. States of)	2016	1	100.0	...	...	...	...
Micronesia (Fed. States of)	2018	...	...	...	...	...	31.5
Micronesia (Fed. States of)	2020	1	...	...	...	...	...

Teaching staff at the primary, secondary and upper secondary levels (*continued*)

Proportion of teachers with minimum required qualifications (%)

Personnel enseignant au niveau primaire, secondaire et secondaire de deuxième cycle (*suite*)

Proportion d'enseignants avec les qualifications minimales requises (%)

Region, country or area Région, pays ou zone	Year Année	Primary education Enseignement primaire		Secondary education Enseignement secondaire		Upper secondary education Enseignement secondaire de deuxième cycle	
		Total Totale (‘000)	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale (‘000)	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale (‘000)	Teachers with minimum required qualifications(%) Enseignants avec les qualifications minimales requises (%)
Monaco	2001	~0	...	~0	...	~0	...
Monaco	2004	...	...	~0	...	...	...
	2008	...	...	1	...	...	...
	2015	~0	...	~0	...	...	...
	2020	~0	75.0	~0	80.6	~0	82.6
	2021	~0	73.1	...	...	...	...
Mongolia	2005	7	100.0	15	100.0	5	100.0
Mongolie	2006	8	100.0	16	100.0	5	100.0
	2010	9	97.6	19	97.6	...	...
	2014	9	100.0	21	100.0	...	...
	2015	9	...	21 ²	100.0	...	...
	2019	11	88.9	22	87.1	...	...
Montenegro	2015	...	...	...	...	2	...
Monténégro	2020	...	...	2	...	2	...
Montserrat	2005	~0	80.0	~0	50.0	* ~0	* 50.0
Montserrat	2009	~0	59.5	~0	44.4	* ~0	* 45.5
	2014	~0	72.5	~0	54.2	...	...
	2019	~0	75.9	~0	45.9	...	...
Morocco	2004	148	...	* 100	...	* 40	...
Maroc	2005	148	100.0	...	...	...	...
	2008	146	100.0	...	...	43	100.0
	2009	145	100.0	...	...	* 47	...
	2010	150	100.0	...	...	...	...
	2015	156	100.0	...	...	...	...
	2020	167	100.0	149	100.0	70	100.0
Mozambique	2005	59	59.8	* 10	...	* 2	...
Mozambique	2008	77	67.0	* 14	* 65.0	* 3	* 77.0
	2009	83	71.2	* 16	* 72.8	* 4	...
	2010	90	75.9	* 20	* 75.3	...	...
	2013	101	87.3	* 24	* 86.9	6	95.1
	2015	108	93.2	* 27	* 84.9	...	...
	2017	117	97.2	33	...	...	...
	2020	125	98.4	...	97.3	...	97.9
Myanmar	2005	160	...	78	...	20	98.0
Myanmar	2010	182	99.9	84	98.8	24	100.0
	2014	188	99.5	100	93.8	30	95.2
	2018	218	95.3	154	89.0	47	87.7
Namibia	2005	13	92.4	6	96.6	...	...
Namibie	2007	14	94.8	6	97.5	...	...
	2010	14	96.4	...	...	...	...
	2015	...	87.4	...	94.1	...	...
	2017	...	86.6	11	94.0	5	...
	2018	20	89.6	...	95.7	...	...
	2019	...	91.8	...	95.7	...	...
Nauru	2005	~0	...	~0	...	...	...
Nauru	2007	~0	74.2	~0	36.4	...	...
	2008	~0	...	...	...	...	...
	2014	~0	...	~0	...	~0	...
	2016	~0	100.0	~0	...	~0	100.0
	2020	~0	...	~0	...	~0	...
Nepal	2003	110	...	53	...	24	...
Népal	2005	101	30.5	...	...	...	...
	2010	154	73.7	* 84	* 65.1	* 44	* 72.3
	2015	188	94.4	* 111	* 81.9	* 59	* 83.0
	2020	201	97.2	119	83.4	63	81.1

Teaching staff at the primary, secondary and upper secondary levels (*continued*)

Proportion of teachers with minimum required qualifications (%)

Personnel enseignant au niveau primaire, secondaire et secondaire de deuxième cycle (*suite*)

Proportion d'enseignants avec les qualifications minimales requises (%)

Region, country or area Région, pays ou zone	Year Année	Primary education Enseignement primaire		Secondary education Enseignement secondaire		Upper secondary education Enseignement secondaire de deuxième cycle	
		Total Totale (‘000)	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale (‘000)	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale (‘000)	Teachers with minimum required qualifications(%) Enseignants avec les qualifications minimales requises (%)
Netherlands	2005	...	...	107	...	...	...
Pays-Bas	2010	...	...	107	...	...	...
	2015	104	...	112	...	53	...
	2019	101	...	115	...	57	...
Netherlands Antilles [former] Antilles néerlandaises [anc.]	2002	1	...	1	...	...	...
New Zealand	2005	22	...	36	...	19	...
Nouvelle-Zélande	2010	24	...	35	...	19	...
	2015	25	...	35	...	19	...
	2019	27	...	36	...	19	...
Nicaragua	2005	28	76.9	13	52.5	4	58.7
Nicaragua	2008	32	72.7	16	58.9	5	62.5
	2010	31	74.9	15	52.6	4	...
Niger	2005	24	85.0	7	...	3	...
Niger	2009	40	98.0	...	...	...	...
	2010	45	...	10	16.6	2	26.7
	2015	67	55.5	21	...	7	15.0
	2017	76	...	26	...	8	13.0
	2018	69	61.6	29	...	7	...
	2019	67	...	...	...	...	...
Nigeria	2005	599	50.0	159	...	* 63	...
Nigéria	2010	574	66.1	390	45.9	229	18.5
	2018	914	62.2	776	66.8	394	57.5
Niue	2004	~0	...	~0	...	...	...
Nioué	2005	...	...	~0	...	...	...
	2015	~0	100.0	~0	100.0	~0	100.0
	2016	~0	92.3	...	...	...	...
	2020	~0	...	~0	...	~0	...
North Macedonia	2005	6	...	15	...	6	...
Macédoine du Nord	2010	7	...	17	...	7	...
	2015	8	...	18	...	8	...
	2018	7	...	19	...	8	...
Norway	2015	49	...	51	...	28	...
Norvège	2019	51	...	51	...	27	...
Oman	*2003	16	...	16	...	6	...
Oman	2009	...	...	...	...	8	100.0
	2019	28	100.0	41	100.0	9	100.0
	2020	28	100.0	40	100.0	...	...
Pakistan	2005	450	85.5	* 295	...	* 102	...
Pakistan	2010	464	84.2	...	...	...	...
	2015	428	82.5	* 572	96.0	* 191	96.0
	2017	484	83.7	* 646	83.8	* 191	84.7
	2018	520	78.0	* 655	...	* 207	...
	2019	493	77.3	...	...	...	...
Palau	2000	~0	...	~0	...	~0	...
Palaos	2014	...	...	0	...	...	...
Panama	2005	18	89.6	16	83.0	7	83.6
Panama	2010	19	91.6	19	88.3	8	90.9
	2014	19	83.2	23	95.7	10	98.1
	2015	19	99.2	24	...	10	...
	2017	19	99.2	24	...	10	...
Papua New Guinea	*2001	14	...	...	...	...	...
Papouasie-Nvl-Guinée	2012	...	...	14	100.0	6	100.0
	2016	36	...	15	...	3	...

Teaching staff at the primary, secondary and upper secondary levels (*continued*)

Proportion of teachers with minimum required qualifications (%)

Personnel enseignant au niveau primaire, secondaire et secondaire de deuxième cycle (*suite*)

Proportion d'enseignants avec les qualifications minimales requises (%)

Region, country or area Région, pays ou zone	Year Année	Primary education Enseignement primaire		Secondary education Enseignement secondaire		Upper secondary education Enseignement secondaire de deuxième cycle	
		Total Totale (‘000)	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requisés (%)	Total Totale (‘000)	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requisés (%)	Total Totale (‘000)	Teachers with minimum required qualifications(%) Enseignants avec les qualifications minimales requisés (%)
Paraguay	2003	34	...	43	...	23	...
Paraguay	*2004	33	...	44	...	...	...
	2012	35	92.1	34	81.0	16	75.4
Peru	2005	177	...	148	...	...	...
Pérou	2010	191	...	167	...	...	...
	2015	195	...	190	...	...	...
	2020	211	...	209	...	...	...
Philippines	2005	373	...	168	...	51	...
Philippines	2009	435	...	194	...	59	...
	2015	478	100.0	279	100.0	...	...
	2019	514	100.0	451	100.0	107	100.0
Poland	2005	236	...	296	...	165	...
Pologne	2010	240	...	273	...	161	...
	2015	220	...	273	...	146	...
	2019	253	100.0	258	100.0	138	100.0
Portugal	2004	66	...	86	...	49	...
Portugal	2005	72	...	94	...	...	...
	2010	68	...	98	...	50	...
	2015	49	...	78	...	39	...
	2019	51	...	83	...	42 ¹	...
Puerto Rico	2010	26	...	26	...	17	...
Porto Rico	2015	18	94.7	15	94.9	8	94.8
	2016	17	92.6	14	84.0	8	84.0
	2018	14	...	12	...	5	...
Qatar	2005	6	...	5	...	2	...
Qatar	2008	6	52.3	7	52.8	3	50.9
	2009	8	48.9	7	...	4	...
	2010	7	...	7	...	4	...
	2015	11	100.0	9	100.0	4	100.0
	2020	13	100.0	11	100.0	6	100.0
Republic of Korea	2005	144	...	210	...	112	...
République de Corée	2010	158	...	225	...	122	...
	2015	164	...	236	...	130	...
	2019	167	...	229	...	126	...
Republic of Moldova	2005	10	...	31	...	8	...
République de Moldova	2010	9	...	29	...	8	...
	2015	8	100.0	25	...	7	...
	2020	8	100.0	21	100.0	6	100.0
Romania	2005	57	...	162	...	68	...
Roumanie	2010	52	...	146	...	63	...
	2015	50	...	129	...	56	...
	2019	48	...	123	...	55	...
Russian Federation	*2005	317	96.3	1 306	...	...	...
Fédération de Russie	2008	285	* 96.7	1 183	...	...	...
	2009	278	...	1 136	...	...	...
	2015	297	* 98.9	...	...	...	...
	2018	322	* 98.6	...	...	...	...
Rwanda	2005	27	93.7	8	...	...	...
Rwanda	2007	31	98.1	12	53.4	...	...
	2009	33	93.9	15	...	5	...
	2010	36	91.5	...	...	...	...
	2015	42	93.9	30	51.5	...	...
	2017	44	92.6	30	58.0	14	54.0
	2019	44	95.1	...	62.6	15	67.2

Teaching staff at the primary, secondary and upper secondary levels (*continued*)

Proportion of teachers with minimum required qualifications (%)

Personnel enseignant au niveau primaire, secondaire et secondaire de deuxième cycle (*suite*)

Proportion d'enseignants avec les qualifications minimales requises (%)

Region, country or area Région, pays ou zone	Year Année	Primary education Enseignement primaire		Secondary education Enseignement secondaire		Upper secondary education Enseignement secondaire de deuxième cycle	
		Total Totale (‘000)	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requisés (%)	Total Totale (‘000)	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requisés (%)	Total Totale (‘000)	Teachers with minimum required qualifications(%) Enseignants avec les qualifications minimales requisés (%)
Saint Kitts and Nevis Saint-Kitts-et-Nevis	2005	~0	58.3	* ~0	* 39.0	* ~0	* 39.1
	2010	~0	61.6	~0	47.1	~0	43.5
	2012	~0	64.7	~0	53.1	~0	52.9
	2015	~0	71.8	1	59.7	...	...
	2016	~0	72.0	1	61.7	...	...
Saint Lucia Sainte-Lucie	2000	1	...	1	...	* ~0	...
	2005	1	80.0	1	57.5	...	...
	2010	1	86.8	* 1	61.0	* ~0	...
	2012	1	87.8	* 1	* 65.0	* ~0	* 64.5
	2015	1	...	1	71.8	~0	...
	2020	1	...	1	...	~0	...
Saint Vincent & Grenadines Saint-Vincent-Grenadines	*2004	1	...	1	...	~0	...
	2010	1	84.1	1	62.9	~0	60.7
	2015	1	84.3	1	58.4	...	...
	2018	1	61.1	1	58.4	...	...
	2019	...	...	...	62.5	...	...
Samoa Samoa	2002	1	...	1	...	1	...
	2005	...	...	...	...	1	...
	2009	1	...	1	...	1	71.9
	2010	1	...	1	...	1	...
	2014	...	93.9	...	...	1	100.0
	2015	...	...	...	...	1	78.7
	2020	...	...	...	...	1	54.7
San Marino Saint-Marin	2004	~0	...	...	...	...	...
	2010	~0	...	~0	...	...	...
	2012	~0	...	...	...	...	...
	2020	~0	38.9	~0	...	~0	...
Sao Tome and Principe Sao Tomé-et-Principe	2005	1	...	* ~0	...	...	...
	2009	1	48.1	...	...	...	...
	2010	...	49.4	...	24.2	...	...
	2011	1	...	1	44.6	~0	87.1
	2015	1	34.4	1	36.4	...	...
	2016	1	31.1	1	44.3	* ~0	...
	2017	1	27.4	...	...	...	...
Saudi Arabia Arabie saoudite	*2005	273	...	234	...	101	...
	*2007	283	91.5	...	...	...	...
	*2009	285	...	264	...	119	...
	2010	298	...	...	...	...	...
	2015	321	100.0	323	100.0	164	100.0
	2020	248	100.0	246	100.0	124	100.0
Senegal Sénégal	2004	32	...	14	...	3	...
	2005	35	45.7	* 15	...	...	...
	2010	50	47.9	...	...	...	...
	2015	62	68.3	56	* 72.5	...	...
	2020	66	75.1	51	72.4	32	67.0
Serbia Serbie	2005	...	...	...	...	27	...
	2007	17	100.0	57	100.0	27	100.0
	2009	17	94.2	60	84.9	29	...
	2010	17	...	62	...	29	...
	2011	19	70.4	62	43.9	30	...
	2012	19	55.7	62	...	30	...
	2015	18	...	65	...	31	...
	2020	19	...	68	...	31	...

Teaching staff at the primary, secondary and upper secondary levels (*continued*)

Proportion of teachers with minimum required qualifications (%)

Personnel enseignant au niveau primaire, secondaire et secondaire de deuxième cycle (*suite*)

Proportion d'enseignants avec les qualifications minimales requises (%)

Region, country or area Région, pays ou zone	Year Année	Primary education Enseignement primaire		Secondary education Enseignement secondaire		Upper secondary education Enseignement secondaire de deuxième cycle	
		Total Totale (‘000)	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale (‘000)	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale (‘000)	Teachers with minimum required qualifications(%) Enseignants avec les qualifications minimales requises (%)
Seychelles	2005	1	...	1	...	...	...
Seychelles	2009	1	99.4	1	93.3	...	...
	2010	1	85.2	1	...	...	...
	2015	1	83.6	1	98.9	...	...
	2020	1	82.5	1	91.7	...	...
Sierra Leone	2001	15	...	6	...	2	...
Sierra Leone	2015	40	53.8	22	70.3	8	73.5
	2017	38	60.8	0	...	6	...
	2019	48	63.6	...	...	10	75.1
	2020	47	63.1	...	72.9	...	74.9
Singapore	2009	16	98.6	14	99.3	...	...
Singapour	2019	17	97.8	15	97.9	...	...
Sint Maarten (Dutch part)	2012	~0	...	~0	...	...	...
St-Martin (partie néerland.)	2014	...	...	~0	...	...	...
Slovakia	2005	14	...	51	...	24	...
Slovaquie	2010	14	...	46	...	22	...
	2014	14	* 95.9	42	* 95.9	18	* 95.2
	2015	14	...	41	...	18	...
	2019	15	...	40	...	16	...
Slovenia	2005	6	...	16	...	8	...
Slovénie	2010	6	...	15	...	8	...
	2015	7	...	14	...	7	...
	2016	9	...	15	...	6	...
	2019	...	...	...	...	6	...
Solomon Islands	*2000	...	...	1	...	...	...
Îles Salomon	2010	5	58.0	1	70.8	1	70.9
	2015	4	59.2	2	76.5	~0	63.0
	2018	4	76.1	...	88.3	...	...
	2019	4	82.4	...	...	...	...
Somalia							
Somalie	2007	13	...	5	...	2	54.2
South Africa	2005	* 233	...	142	...	...	...
Afrique du Sud	2009	* 212	...	187	...	...	...
	2010 ²	238	...	...	...	...	...
	2015	249	...	190	...	...	...
	2016	...	...	192	100.0	...	...
	2019	...	...	201	...	116	...
South Sudan	2011	* 29	* 44.0	0	...	...	...
Soudan du sud	2015	* 27	...	* 6	...	4	...
	2018	...	...	...	...	...	60.1
Spain	2005	181	100.0	280	100.0	120	100.0
Espagne	2010	219	100.0	295	100.0	106	100.0
	2015	228	100.0	276	100.0	144	100.0
	2019	236	100.0	304	100.0	159	100.0
Sri Lanka	2005	73	...	...	...	...	...
Sri Lanka	2010	72	82.1	...	...	...	...
	2011	72	82.4	149	82.1	71	...
	2012	72	...	150	...	70	...
	2015	77	86.2	...	...	...	...
	2018	78	83.1	156	79.3	74	76.8
	2019	79	83.3	...	...	...	...
State of Palestine	2005	16	100.0	25	...	4	100.0
État de Palestine	2010	14	100.0	32	100.0	7	100.0
	2015	19	100.0	36	100.0	9	100.0
	2020	23	100.0	48	100.0	17	100.0

Teaching staff at the primary, secondary and upper secondary levels (*continued*)

Proportion of teachers with minimum required qualifications (%)

Personnel enseignant au niveau primaire, secondaire et secondaire de deuxième cycle (*suite*)

Proportion d'enseignants avec les qualifications minimales requises (%)

Region, country or area Région, pays ou zone	Year Année	Primary education Enseignement primaire		Secondary education Enseignement secondaire		Upper secondary education Enseignement secondaire de deuxième cycle	
		Total Totale (‘000)	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale (‘000)	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale (‘000)	Teachers with minimum required qualifications(%) Enseignants avec les qualifications minimales requises (%)
Sudan	2005	...	...	...	...	34	...
Soudan	2009	...	...	...	...	45	...
	2015	...	...	...	...	66	66.2
	2018	...	...	...	...	72	65.8
Sudan [former]	2005	113	57.5	64	80.1	...	73.3
Soudan [anc.]	2009	* 124	* 59.7	* 83	* 61.1	...	62.3
Suriname	2005	4	...	3	...	1	...
Suriname	2010	5	95.7	4	66.1	1	41.6
	2015	5	98.0	5	71.3	2	50.2
	2018	5	99.0	...	...	...	...
	2019	5	...	...	...	...	...
Sweden	2005	66	...	76	...	38	...
Suède	2010	60	...	75	...	40	...
	2015	65	...	66	...	36	...
	2019	70	...	75	...	38	...
Switzerland	2014	48	...	64	...	31	...
Suisse	2019	53	...	63	...	32 ¹	...
Syrian Arab Republic	2002	115	88.4	65	...	...	...
République arabe syrienne	2004	...	...	...	...	37	85.0
	2010	...	...	...	...	69	84.2
	2013	...	...	...	...	49	91.7
Tajikistan	2003	31	...	55	...	18	...
Tadjikistan	2005	32	...	60	...	...	...
	2010	27	92.9	60	...	...	...
	2011	29	93.7	68	...	...	...
	2015	31	100.0	...	...	...	...
	2017	35	100.0	...	...	...	...
Thailand	2002	326	...	* 173	...	* 68	...
Thaïlande	2008	348	...	223	...	86	...
	2010	317	...	...	...	...	...
	2015	301	100.0	240	100.0	111	100.0
	2020	413	100.0	248	100.0	115	100.0
Timor-Leste	2003	4	...	2	...	1	...
Timor-Leste	2004	4	...	3	...	...	...
	2005	...	...	3	...	...	...
	2010	8	...	4	...	2	...
	2011	8	...	4	...	2	...
	2015	...	...	...	...	2	...
	2019	8	...	6	...	3	...
Togo	2005	30	...	13	48.5	...	...
Togo	2006	28	...	11	50.3	...	...
	2007	26	...	* 12	...	...	...
	2010	32	76.7	...	...	...	...
	2011	32	70.8	21	...	9	...
	2015	34	73.3	...	...	...	...
	2020	42	75.7	30	...	...	...
Tokelau	2003	~0	...	~0	...	...	...
Tokélaou	2020	~0	57.1	~0	39.3	~0	46.2
Tonga	2002	1	...	1	...	...	...
Tonga	2005	1	...	...	...	...	...
	2010	1	...	1	...	...	...
	2015	1	92.5	1	58.7	~0	...
	2020	1	94.1	...	...	...	...
Trinidad and Tobago	*2005	8	...	...	...	...	...
Trinité-et-Tobago	*2009	7	88.0	...	...	...	...

Teaching staff at the primary, secondary and upper secondary levels (*continued*)

Proportion of teachers with minimum required qualifications (%)

Personnel enseignant au niveau primaire, secondaire et secondaire de deuxième cycle (*suite*)

Proportion d'enseignants avec les qualifications minimales requises (%)

Region, country or area Région, pays ou zone	Year Année	Primary education Enseignement primaire		Secondary education Enseignement secondaire		Upper secondary education Enseignement secondaire de deuxième cycle	
		Total Totale (‘000)	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale (‘000)	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale (‘000)	Teachers with minimum required qualifications(%) Enseignants avec les qualifications minimales requises (%)
Tunisia Tunisie	2004	60	...	69	...	34	...
	2005	59	...	72	...	...	...
	2010	60	...	88	...	49	...
	2011	59	...	85	...	...	...
	2015	71	100.0	...	...	...	...
	2020	76	100.0	88	100.0	50	100.0
Türkiye Türkiye	2005	...	...	...	...	168	...
	2010	...	...	...	...	207	...
	2015	295	...	594	...	298	...
	2019	301	...	725	...	371	...
Turkmenistan Turkménistan	2020	23	99.9	78	99.8	...	...
Turks and Caicos Islands Îles Turques-et-Caïques	2003	~0	...	~0	...	...	...
	2014	~0	89.1	~0	96.1	...	...
	2015	...	...	~0	97.6	...	...
	2018	~0	42.8	~0	97.0	...	...
Tuvalu Tuvalu	2004	~0	...	...	...	...	...
	2015	~0	...	~0	...	~0	...
	2018	~0	80.0	~0	65.1	~0	62.0
	2019	~0	78.3	~0	60.7	...	...
	2020	...	...	~0	62.1	...	...
Uganda Ouganda	2005	140	...	* 40	...	...	...
	2010	172	...	66	88.9	...	...
	2014	191	75.2	64	84.6	...	...
	2015	193	71.5	...	78.0	...	...
	2017	207	79.6	...	84.0	...	...
Ukraine Ukraine	2000	105	...	389	...	...	...
	2005	104	99.7	...	...	...	...
	2010	98	99.9	...	...	...	...
	2012	98	99.9	...	...	...	...
	2015	124	...	340	...	...	...
	2020	112	89.6	312	94.3	...	...
United Arab Emirates Émirats arabes unis	2005	17	60.0	...	...	...	...
	2010	19	...	...	...	...	...
	2015	20	100.0	...	...	...	...
	2020	25	100.0	71	100.0	43	100.0
United Kingdom Royaume-Uni	2005	265	...	388	...	235	...
	2008	244	...	* 375	...	* 223	...
	2010	252	...	...	...	...	...
	2014	272	...	414	...	260	...
	2015	...	...	412	...	...	...
	2019	281	...	364	...	214 ¹	...
United Rep. of Tanzania Rép.-Unie de Tanzanie	2005	135	100.0	...	...	...	...
	2010	166	94.5	...	...	...	...
	2013	189	99.0	...	...	...	...
	2014	191	...	83	...	...	...
	2016	207	99.2	113	...	...	...
	2020	195	...	106	...	...	...
United States of America États-Unis d'Amérique	2015	1 714	...	1 661	...	808	...
	2019	1 697	...	1 705	...	836	...
Uruguay Uruguay	2005	18	...	22	...	8	...
	2010	25	...	25	...	8	...
	2015	27	100.0	...	...	...	...
	2019	25	100.0	...	...	...	...

Teaching staff at the primary, secondary and upper secondary levels (*continued*)
Proportion of teachers with minimum required qualifications (%)

Personnel enseignant au niveau primaire, secondaire et secondaire de deuxième cycle (*suite*)
Proportion d'enseignants avec les qualifications minimales requises (%)

Region, country or area Région, pays ou zone	Year Année	Primary education Enseignement primaire		Secondary education Enseignement secondaire		Upper secondary education Enseignement secondaire de deuxième cycle	
		Total Totale (‘000)	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale (‘000)	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale (‘000)	Teachers with minimum required qualifications(%) Enseignants avec les qualifications minimales requises (%)
Uzbekistan	2005	119	...	339	...	...	...
Ouzbékistan	2010	111	100.0	342	100.0	...	...
	2011	125	100.0	329	100.0	...	...
	2015	112	...	371	...	100	...
	2017	113	98.9	377	97.5	99	93.4
	2020	122	99.2	386	98.9	...	...
Vanuatu	2000	2	...	~0	...	~0	...
Vanuatu	2001	2	...	1	...	...	...
	2004	2	...	...	...	...	...
	2007	2	100.0	...	...	...	...
	2010	2	...	...	64.3	...	...
	2015	2	...	1	69.3	~0	...
	2017	...	...	...	81.5	...	...
	2019	2	36.0	...	...	...	...
	2020	14	...	14	...	6	...
Viet Nam	2005	361	* 93.4	...	...	...	...
Viet Nam	2010	348	98.3	...	...	...	...
	2015	392	99.5	...	...	...	...
	2020	378	99.7	...	...	...	...
Yemen	2010	111	...	...	...	...	...
Yémen	*2012	122	...	...	...	...	...
	2013	...	...	...	...	29	94.6
	2016	145	...	...	...	...	...
Zambia	*2005	46	...	...	...	...	...
Zambie	2010	* 55	89.7	...	82.6	...	...
	2015	75	85.6	...	87.4	...	...
	2017	78	98.8	...	91.0	...	...
Zimbabwe	2003	61	...	34	...	...	...
Zimbabwe	2013	73	85.9	43	73.0	...	...
	2015	75	93.9	...	76.1	...	...
	2019	75	97.3	...	86.9	...	...
	2020	76	97.8	...	...	...	...

Source:

United Nations Educational, Scientific and Cultural Organization (UNESCO), Montreal, the UNESCO Institute for Statistics (UIS) statistics database, last accessed May 2022.

& Data relate to the calendar year in which the academic year ends.

- 1 Includes data from another category.
2 Data included elsewhere under another category.

Source:

Organisation des Nations Unies pour l'éducation, la science et la culture (UNESCO), Montréal, base de données statistiques de l'Institut de statistique (ISU) de l'UNESCO, dernier accès mai 2022.

& Les données se réfèrent à l'année civile durant laquelle l'année scolaire se termine.

- 1 Inclut des données d'une autre catégorie.
2 Données incluses ailleurs dans une autre catégorie.