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Teaching staff at the primary, lower 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 (%)

	Year Année	Primary education Enseignement primaire		Lower Secondary education Enseignement secondaire		Upper secondary education Enseignement secondaire de deuxième cycle	
		Total Totale	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale	Teachers with minimum required qualifications(%) Enseignants avec les qualifications minimales requises (%)
Total, all countries or areas Total, tous pays ou zones	*2005	26 893 023	...	16 760 100	...	11 883 292	...
	2010	28 676 377	...	17 877 582	...	14 335 596	...
	2015	31 266 360	85.9	18 751 487	86.0	14 957 666	...
	2021	33 614 436	86.6	21 736 452	84.3	17 196 924	86.8
	2022	* 33 749 089	85.7	* 21 900 955	...	* 17 711 273	...
Northern Africa Afrique septentrionale	2005	944 313	97.4	* 507 300	...	* 486 413	...
	2007	952 074	97.1	* 548 484	...	* 495 076	...
	2010	973 788	...	* 622 844	...	* 542 647	...
	2015	* 1 148 562	88.3	* 645 653	83.8	* 587 507	78.8
	2022	1 231 142	96.2	* 724 059	94.6	* 585 528	95.2
Sub-Saharan Africa Afrique subsaharienne	2005	2 577 292	75.6	* 712 711	...	* 458 121	...
	2010	3 170 264	75.3	* 1 128 195	65.4	* 736 694	55.8
	2015	4 052 317	71.9	* 1 576 616	56.6	* 1 206 927	55.4
	2019	* 4 628 013	69.9	* 1 794 108	56.7	* 1 374 239	63.9
	2021	4 838 624	69.0	* 1 908 687	...	* 1 489 047	...
	*2022	4 930 932	...	1 997 632	...	1 530 261	...
Northern America Amérique septentrionale	*2005	1 781 228	...	889 242	...	897 377	...
	*2010	1 830 439	...	862 886	...	933 482	...
	2015	1 925 142	99.1	890 500	99.3	912 037	98.4
	2022	* 2 044 659	95.4	* 981 790	94.1	* 988 386	91.8
Latin America & the Caribbean Amérique latine et Caraïbes	2005	2 974 792	...	2 053 961	...	1 423 493	...
	2007	2 911 268	81.5	1 886 417	80.6	1 375 925	90.3
	2009	2 950 467	80.8	2 005 038	78.2	1 490 930	...
	2010	2 955 008	80.7	2 039 144	...	1 540 270	...
	2012	2 976 561	80.9	2 088 764	77.8	1 605 277	83.7
	2015	3 039 662	78.8	* 1 963 531	...	* 1 955 319	...
	2022	* 3 071 363	80.2	* 2 033 908	78.8	* 2 092 479	73.3
Central Asia Asie centrale	2005	242 661	94.2	...	...	...	...
	2010	225 484	96.9	...	...	...	...
	2015	252 032	99.5	* 555 888	...	* 241 199	...
	2018	265 238	98.2	* 597 175	93.6	* 250 777	99.2
	2022	* 302 004	94.9	...	...	...	...
Eastern Asia Asie orientale	*2005	6 633 349	...	4 144 468	...	2 512 553	...
	2010	6 663 567	...	4 114 815	...	3 315 633	...
	2015	6 577 011	...	4 034 653	...	3 246 236	...
	2022	7 416 904	...	4 485 418	...	3 596 346	...
South-central Asia Asie centrale et du Sud	*2005	4 919 128	...	2 802 959	...	2 165 628	...
	2010	* 5 552 573	...	3 242 259	...	3 225 281	...
	2015	6 307 102	72.4	3 649 646	84.4	2 886 954	...
	2022	6 729 956	85.3	5 115 535	84.3	4 342 658	93.9
South-eastern Asia Asie du Sud-Est	2005	2 937 432	...	1 471 724	...	709 948	...
	2010	3 242 386	...	1 723 380	...	* 880 324	...
	2015	* 3 708 197	97.8	* 1 850 496	97.9	* 888 958	96.3
	2021	* 3 681 887	93.8	* 1 996 262	93.8	* 1 078 811	97.5
Southern Asia Asie méridionale	*2005	4 676 466	...	2 215 682	...	1 939 928	...
	2010	* 5 327 088	...	2 704 243	...	2 999 879	...
	2015	6 055 070	71.2	3 093 758	82.6	2 645 755	...
	2022	6 427 952	84.8	4 461 711	84.0	4 092 349	93.5
Western Asia Asie occidentale	2004	* 1 230 528	93.3	* 794 804	...	* 525 179	...
	*2005	1 292 949	...	817 596	...	538 000	...
	2010	* 1 440 371	89.1	* 924 296	...	* 682 472	...
	2015	* 1 580 794	85.0	964 440	86.1	849 121	...
	2021	* 1 601 598	81.1	1 082 613	84.6	936 973	84.8
	2022	* 1 617 884	78.0	* 1 090 482	83.7	* 948 226	...

Teaching staff at the primary, lower 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 (%)

	Year Année	Primary education Enseignement primaire		Lower Secondary education Enseignement secondaire		Upper secondary education Enseignement secondaire de deuxième cycle	
		Total Totale	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale	Teachers with minimum required qualifications(%) Enseignants avec les qualifications minimales requises (%)
Europe	2005	2 673 746	...	3 256 231	...	2 572 538	...
Europe	2010	2 673 047	97.4	* 3 119 051	...	* 2 360 896	...
	2015	2 733 121	93.7	* 3 067 590	...	* 2 303 397	...
	2019	2 867 349	93.9	* 3 215 582	...	* 2 297 917	...
	*2022	2 817 495	...	3 440 343	...	2 364 360	...
Oceania	*2005	158 795	...	...	...	...	...
Océanie	*2010	174 934	...	...	...	...	...
	*2015	194 451	...	...	...	...	...
	*2017	199 304	...	...	...	...	...
Oceania (exc. Australia and New Zealand)	*2005	28 870	...	13 245	...	7 489	...
	*2010	38 158	...	13 849	...	10 243	...
Océanie (ex. Australie et Nouvelle-Zélande)	2013	* 47 542	...	* 14 719	89.3	* 12 286	92.8
	*2015	49 297	...	15 027	...	13 412	...
	*2017	49 532	...	15 464	...	13 458	...
Afghanistan	2007	110 312	...	23 539	...	9 278	...
Afghanistan	2010	118 858	...	33 856	...	...	...
	2015	142 880	...	52 359	...	30 567	...
	2019	135 751	...	60 007	...	34 365	...
Albania	2003	11 762	...	16 028	...	6 396	...
Albanie	2005	...	...	...	...	7 384	...
	2010	11 409	...	15 832	...	8 250	...
	2015	10 119	...	14 658	...	8 671	...
	2021	9 738	61.8	14 705	70.6	8 584	60.9
	2022	9 668	...	14 732	...	8 658	...
Algeria	2005	171 471	98.5	...	...	...	...
Algérie	2007	170 775	98.9	...	...	...	...
	2010	141 994	...	...	...	...	...
	2015	164 684	100.0	...	...	...	...
	2023	212 345	91.5	...	...	...	...
Andorra	2005	356	...	414	...	68	...
Andorre	2010	453	100.0	417	100.0	...	...
	2012	431	100.0	417	100.0	...	...
	2015	419	100.0	...	...	...	...
	2022	422	100.0	...	...	...	100.0
Angola	2010	93 734	...	15 383	...	...	...
Angola	2011	118 158	47.5	17 475	...	14 804	...
	2015	112 352	...	51 159	53.5	21 700	46.7
	2016	95 827	...	53 242	...	22 755	...
	2018	88 563	...	...	...	...	...
Anguilla	2005	94	68.1	...	...	...	...
Anguilla	2010	112	52.7	...	...	...	...
	2015	80	75.0	...	...	...	...
	2022	70	...	...	...	...	...
Antigua and Barbuda	2000	695	46.9	273	40.7	121	62.0
Antigua-et-Barbuda	2010	747	54.8	369	38.2	325	48.3
	2012	755	60.1	499	...	224	...
	2015	703	65.3	...	...	...	...
	2019	852	47.5	...	...	...	...
Argentina	2005	279 349	...	119 954	...	136 930	...
Argentine	2008	288 776	...	153 249	...	170 708	...
	2010	258 025	...	...	...	...	...
	2015	275 833	...	...	...	...	...
	2022	292 277	...	...	...	...	...
Armenia	2005	5 904	77.5	...	...	...	...
Arménie	2007	6 606	...	...	...	...	...
	2022	7 865	81.3	10 890	81.3	12 666	83.0

Teaching staff at the primary, lower 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 (%)

	Year Année	Primary education Enseignement primaire		Lower Secondary education Enseignement secondaire		Upper secondary education Enseignement secondaire de deuxième cycle	
		Total Totale	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale	Teachers with minimum required qualifications(%) Enseignants avec les qualifications minimales requises (%)
Aruba	2005	567	100.0	...	...	...	...
Aruba	2010	586	100.0	...	...	...	...
	2012	601	99.5	...	...	...	...
	2015	615	...	...	...	...	...
	2016	628	...	...	...	...	...
Austria	2005	29 239	...	42 402	...	28 733	...
Autriche	2010	29 743	...	42 450	...	32 126	...
	2015	30 972	...	42 227	...	29 936	...
	2022	31 243	...	44 403	...	30 573	...
Azerbaijan	2005	42 243	100.0	...	...	...	...
Azerbaïdjan	2010	43 610	100.0	...	...	...	...
	2015	40 830	99.3	...	...	...	...
	2022	39 926	99.8	89 037	99.7	27 957	96.9
Bahamas	2004	* 2 150	91.5	* 977	...	* 1 200	...
Bahamas	2005	...	...	1 030	89.5	1 335	91.5
	2010	2 402	91.5	1 473	89.0	1 364	89.0
	2015	1 555	89.6	940	82.6	1 245	86.3
	2021	1 722	90.7	1 046	88.6	1 200	90.2
Bahrain	2015	9 219	82.5	4 413	82.7	4 961	83.7
Bahreïn	2022	8 683	100.0	4 145	100.0	4 593	100.0
Bangladesh	2004	...	...	186 247	37.6	192 029	25.6
Bangladesh	2005	344 806	53.4	220 464	...	202 114	...
	2009	361 450	58.4	207 897	57.4	179 376	41.7
	2010	395 281	...	205 384	58.5	194 668	40.7
	2013	...	...	204 188	59.6	174 021	56.2
	2015	527 798	47.6	...	...	...	...
	2022	359 095	74.3	220 340	67.0	334 575	62.5
Barbados	2005	1 469	73.2	...	...	...	...
Barbade	2010	* 1 742	58.5	...	...	...	...
	2015	1 560	65.8	586	52.2	586	52.4
	2022	1 597	75.8	622	50.5	619	50.7
Belarus	2005	23 671	99.8	...	...	...	...
Bélarus	2010	23 907	99.8	...	...	...	...
	2015	22 029	99.4	53 875	98.0	23 153	91.5
	2022	22 534	99.4	50 889	98.5	22 543	94.8
Belgium	2005	64 278	...	42 469	...	...	...
Belgique	2010	66 317	...	42 533	...	...	...
	2015	69 681	...	47 829	...	81 393	...
	2022	79 534	...	49 445	...	87 527	...
Belize	2004	* 2 109	51.4	* 1 138	43.1	* 390	43.1
Belize	2005	2 127	...	* 1 148	...	* 410	...
	2010	2 367	45.2	1 436	39.0	511	34.4
	2015	2 548	67.5	1 706	49.9	616	39.6
	2022	2 496	88.1	1 838	71.4	660	70.6
Benin	2000	17 710	65.0	6 768	39.2	3 035	33.2
Bénin	2004	25 583	72.2	* 10 068	...	* 4 342	...
	2005	28 148	...	...	...	...	...
	2010	38 540	42.6	...	...	...	...
	2014	46 454	67.6	60 400	...	30 039	...
	2015	49 688	69.1	...	...	...	...
	2021	58 524	75.1	...	...	...	...
	2022	59 742	...	...	...	...	...

Teaching staff at the primary, lower 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 (%)

	Year Année	Primary education Enseignement primaire		Lower Secondary education Enseignement secondaire		Upper secondary education Enseignement secondaire de deuxième cycle	
		Total Totale	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale	Teachers with minimum required qualifications(%) Enseignants avec les qualifications minimales requises (%)
Bermuda	2005	571	100.0	323	100.0	359	100.0
Bermudes	2006	567	100.0	367	100.0	380	100.0
	2010	608	...	402	...	423	...
	2014	610	100.0	416	100.0	406	100.0
	2015	398	...	311	...	327	...
	2016	420	100.0	338	100.0	334	100.0
Bhutan	2005	3 203	93.8	1 073	93.5	426	...
Bhoutan	2008	3 551	91.5	1 350	90.2	844	72.2
	2010	2 405	...	3 332	...	1 330	...
	2015	2 482	100.0	4 037	100.0	1 946	100.0
	2022	3 118	100.0	1 508	100.0	5 549	96.9
Bolivia (Plurin. State of)	2010	98 085	...	...	...	...	...
Bolivie (État plurin. de)	2015	78 953	85.2	...	...	...	...
	2022	76 410	93.0	...	...	...	...
Bosnia and Herzegovina	2005	...	...	...	...	11 184	...
Bosnie-Herzégovine	2010	...	...	...	...	11 657	...
	2015	9 475	...	14 631	...	12 774	...
	2022	9 353	...	15 248	...	12 840	...
Botswana	2005	12 884	92.6	...	...	...	...
Botswana	2009	12 964	100.0	...	...	...	...
	2013	15 035	98.6	...	...	...	...
	2015	14 533	...	...	...	...	...
	2021	14 313	...	10 341	...	4 943	...
Brazil	2005	886 781	...	965 613	...	645 969	...
Brésil	2010	762 132	...	793 669	...	618 913	...
	2015	791 787	...	789 074	...	639 485	...
	2021	772 790	93.0	752 995	78.1	616 062	86.2
British Virgin Islands	2003	201	78.6	102	71.6	68	72.1
Îles Vierges britanniques	2005	194	...	121	...	82	...
	2007	215	71.6	127	...	96	...
	2010	242	...	140	...	93	...
	2011	263	...	145	...	94	...
	2015	286	91.6	...	...	...	...
	2022	285	50.2	...	...	...	...
Brunei Darussalam	2005	4 548	84.5	* 2 233	...	* 2 117	...
Brunéi Darussalam	2010	3 896	87.1	...	...	...	...
	2015	4 033	81.7	1 406	92.2	3 941	90.1
	2019	4 014	86.6	1 422	89.5	3 800	90.6
	2020	4 258	85.2	...	...	4 898	90.5
Bulgaria	2005	17 873	...	25 203	...	32 050	...
Bulgarie	2010	14 885	...	18 139	...	25 895	...
	2014	14 596	...	17 278	...	21 946	...
	2021	22 885	...	18 831	...	22 922	...
Burkina Faso	2005	26 938	88.3	...	...	...	...
Burkina Faso	2009	38 983	86.1	12 504	49.9	5 747	50.4
	2010	39 077	...	...	...	...	...
	2015	64 177	85.4	...	...	...	...
	2022	88 222	88.4	50 302	69.5	15 885	69.5
Burundi	2005	21 289	87.5	...	...	...	...
Burundi	2009	33 867	91.2	9 258	...	1 637	...
	2010	36 557	...	...	...	...	...
	2015	47 949	100.0	12 179	100.0	6 379	100.0
	2019	51 545	100.0	11 041	70.4	14 669	73.5
	2022	42 424	...	13 859	...	14 591	...

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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 (%)

	Year Année	Primary education Enseignement primaire		Lower Secondary education Enseignement secondaire		Upper secondary education Enseignement secondaire de deuxième cycle	
		Total Totale	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale	Teachers with minimum required qualifications(%) Enseignants avec les qualifications minimales requises (%)
Cabo Verde	2005	3 190	77.8	1 451	...	790	100.0
Cabo Verde	2010	3 009	90.0	2 033	67.5	1 489	100.0
	2014	2 965	96.0	2 149	77.2	1 579	100.0
	2015	2 988	...	...	...	...	...
	2021	3 070	93.5	2 142	94.9	1 486	95.6
Cambodia	2002	48 476	96.0	16 511	99.7	5 486	97.0
Cambodge	2003	49 293	94.7	17 471	...	6 278	...
	2005	50 654	97.7	19 223	99.9	...	...
	2007	48 736	98.4	20 630	99.2	9 628	99.8
	2010	46 905	99.1	24 850	99.8	...	...
	2015	44 292	100.0	28 326	100.0	...	...
	2021	44 875	100.0	17 442	100.0	89 870	100.0
	2022	45 148	100.0	14 704	100.0	...	...
Cameroon	2005	* 62 280	62.7	...	...	...	...
Cameroon	2010	76 655	57.4	...	...	...	...
	2012	84 467	78.8	...	...	...	...
	2015	105 388	...	58 775	50.0	47 344	57.0
	2016	104 860	...	63 785	...	50 816	...
	2022	114 142	81.9	...	...	...	...
Canada	2000	141 045	...	...	...	...	...
Canada	2010	...	...	...	...	147 177	...
	2015	...	...	...	...	169 282	...
	2021	...	...	...	...	148 002	...
Cayman Islands	2005	253	98.8	140	99.3	* 135	100.0
Îles Caïmanes	2006	286	97.2	141	100.0	175	99.4
	2008	309	95.8	...	...	...	...
	2012	303	97.0	300	99.0	326	99.1
	2013	303	88.1	...	...	...	...
	2022	351	96.6	180	100.0	170	100.0
Central African Republic	2005	4 653	...	...	...	...	...
République centrafricaine	2010	7 553	...	...	...	...	...
	2012	8 267	...	...	...	...	...
	2017	11 334	...	...	...	...	...
Chad	2000	13 313	...	2 703	...	1 557	...
Tchad	2005	19 989	...	...	...	...	...
	2010	27 764	70.2	7 174	...	6 079	...
	2013	37 336	65.0	...	...	...	...
	2015	40 872	...	10 197	37.6	8 499	...
	2022	49 875	64.7	13 868	79.2	17 872	49.7
Chile	2005	66 060	...	23 241	...	42 572	...
Chili	2010	66 059	...	22 600	...	46 834	...
	2015	80 398	...	26 769	...	52 767	...
	2022	93 529	...	31 092	...	61 549	...
China	2003	5 778 853	...	3 430 307	...	1 707 729	...
Chine	2010	5 997 393	...	3 657 744	...	2 759 294	...
	2015	5 889 014	...	3 565 616	...	2 668 508	...
	2022	6 703 981	...	4 014 842	...	3 044 900	...
China, Hong Kong SAR	2005	24 591	93.2	* 14 496	...	...	...
Chine, RAS de Hong Kong	2010	22 984	95.6	...	...	...	...
	2015	24 339	96.2	...	...	...	...
	2022	29 177	95.7	...	...	...	...
China, Macao SAR	2005	1 609	90.8	1 136	67.0	941	66.1
Chine, RAS de Macao	2010	1 577	84.7	1 217	69.8	1 138	72.7
	2015	1 722	96.2	1 204	87.3	1 425	87.4
	2022	2 752	99.1	1 365	93.7	1 404	93.2

Teaching staff at the primary, lower 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 (%)

	Year Année	Primary education Enseignement primaire		Lower Secondary education Enseignement secondaire		Upper secondary education Enseignement secondaire de deuxième cycle	
		Total Totale	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requis (%)	Total Totale	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requis (%)	Total Totale	Teachers with minimum required qualifications(%) Enseignants avec les qualifications minimales requises (%)
Colombia Colombie	2004	188 147	...	* 121 849	...	* 42 491	...
	2005	186 898	...	...	...	...	...
	2010	180 760	100.0	122 289	96.3	64 835	96.6
	2015	184 791	94.0	129 554	97.3	51 487	98.1
	2022	180 781	97.6	125 885	97.8	65 055	98.4
Comoros Comores	2003	2 908	...	1 996	55.7	1 403	44.8
	2004	2 967	...	1 801	...	1 310	...
	2008	3 685	57.4	...	...	...	...
	2011	4 201	55.2	2 279	77.9	...	...
	2013	4 322	...	4 119	...	3 665	...
	2014	...	...	4 304	...	3 846	...
	2017	6 429	50.8	7 412	...	5 240	...
	2018	4 428	...	5 538	...	3 332	...
Congo Congo	2004	7 058	62.2	4 057	...	* 2 809	...
	2010	14 347	86.8	...	...	...	...
	2012	16 527	80.3	12 507	47.9	5 658	84.2
	2015	17 759	...	...	...	...	...
	2018	27 845	84.7	19 320	56.6	6 527	...
Cook Islands Îles Cook	2005	137	...	...	...	...	...
	2007	125	79.2	...	...	...	...
	2010	123	...	...	...	...	...
	2015	104	99.0	...	...	...	...
	2022	112	100.0	...	...	...	...
Costa Rica Costa Rica	2002	24 142	88.2	10 722	83.7	4 688	86.2
	2005	25 399	96.8	...	...	...	...
	2010	29 163	89.5	18 276	88.0	8 400	87.7
	2015	37 349	93.9	20 799	96.7	12 189	95.6
	2020	43 093	94.3	22 768	96.8	16 841	96.6
	2022	43 117	...	20 953	...	16 085	...
Côte d'Ivoire Côte d'Ivoire	2003	* 48 308	100.0	...	...	...	...
	2009	56 575	100.0	...	...	...	...
	2015	80 155	100.0	...	...	...	...
	2023	105 502	82.4	...	...	...	...
Croatia Croatie	2003	10 832	100.0	17 073	100.0	19 733	100.0
	2005	11 198	...	17 547	...	21 925	...
	2010	11 746	...	22 058	...	25 615	...
	2015	11 849	...	22 996	...	28 218	...
	2021	13 085	...	25 277	...	27 977	...
Cuba Cuba	2005	86 827	100.0	46 352	100.0	38 475	100.0
	2010	93 414	100.0	40 821	100.0	44 655	100.0
	2015	83 798	100.0	43 203	100.0	48 086	100.0
	2022	90 000	100.0	39 675	100.0	48 844	100.0
Cyprus Chypre	2005	3 455	...	2 789	...	2 905	...
	2010	3 985	...	3 167	...	3 359	...
	2015	4 513	...	2 580	...	2 941	...
	2021	5 196	100.0	3 723	100.0	3 910	100.0
Czechia Tchéquie	2005	30 952	...	40 088	...	53 242	...
	2010	24 769	...	33 660	...	42 581	...
	2013	25 979	...	32 403	...	36 984	...
Dem. People's Rep. Korea Rép. pop. dém. de Corée	2009	70 298	...	...	...	...	...
	2015	...	...	54 780	...	68 191	...
	2018	74 274	...	54 533	...	69 006	...
Dem. Rep. of the Congo Rép. dém. du Congo	2002	158 887	...	...	...	...	...
	2010	285 640	91.7	...	...	...	...
	2014	383 207	94.6	...	...	...	...
	2015	414 580	...	...	...	...	...
	2021	511 999	100.0	...	...	...	...

Teaching staff at the primary, lower 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 (%)

	Year Année	Primary education Enseignement primaire		Lower Secondary education Enseignement secondaire		Upper secondary education Enseignement secondaire de deuxième cycle	
		Total Totale	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale	Teachers with minimum required qualifications(%) Enseignants avec les qualifications minimales requises (%)
Denmark	2001	39 854	...	20 491	...	23 430	...
Danemark	2014	43 538	...	23 895	...	25 155	...
	2022	43 047	...	27 570	...	25 108	...
Djibouti	2004	1 410	...	...	...	...	...
Djibouti	2009	1 627	100.0	959	...	* 538	...
	2015	1 906	100.0	1 355	100.0	1 257	100.0
	2018	2 144	100.0	1 418	...	1 145	...
	2022	2 569	...	1 783	...	1 680	...
Dominica	2005	519	59.9	355	31.0	141	31.9
Dominique	2010	508	60.8	291	33.7	220	45.5
	2014	540	64.8	260	46.2	256	46.5
	2015	538	64.5	...	...	...	...
	2016	560	65.7	277	48.4	279	48.7
	2022	555	66.7	...	...	...	...
Dominican Republic	2005	53 015	88.3	12 394	88.3	18 189	82.4
République dominicaine	2010	51 615	84.9	11 876	85.0	20 208	93.3
	2015	71 463	87.3	16 641	88.1	25 430	79.4
	2021	59 969	100.0	13 838	100.0	50 148	100.0
	2022	61 750	...	14 689	...	58 383	...
Ecuador	2005	87 247	71.1	* 43 476	70.0	* 32 267	69.7
Équateur	2007	90 366	71.6	44 563	70.6	33 341	70.4
	2010	96 170	...	42 951	...	40 038	...
	2015	79 581	...	43 860	...	42 595	...
	2022	77 838	89.5	41 378	79.2	49 793	73.2
Egypt	*2004	362 679	...	230 889	...	256 820	...
Égypte	*2005	373 104	...	...	...	...	...
	2009	382 488	...	272 359	...	276 985	...
	2010	380 111	...	...	...	268 831	...
	2021	526 106	86.9	295 610	85.8	274 190	83.3
	2022	441 263	...	246 472	...	234 936	...
El Salvador	2005	24 179	94.9	11 022	92.8	7 104	83.2
El Salvador	2009	31 077	92.7	14 777	93.0	8 030	92.5
	2015	24 967	95.6	11 269	93.5	8 180	90.1
	2018	24 642	95.5	11 101	93.2	7 827	91.5
Equatorial Guinea	2000	1 691	...	761	...	* 133	...
Guinée équatoriale	*2001	1 810	...	700	...	...	...
	2003	2 307	...	...	...	...	...
	2010	3 131	45.3	...	...	...	...
	2015	4 021	37.2	1 654	11.2	...	...
	2019	5 222	...	...	...	...	...
Eritrea	2005	7 942	83.6	2 449	28.9	1 776	81.7
Érythrée	2010	7 535	93.8	3 680	60.6	2 733	75.2
	2013	8 680	79.9	3 905	85.7	3 076	80.0
	2014	* 8 515	70.7	* 3 735	...	* 2 919	...
	2015	8 346	...	3 563	...	2 759	...
	2018	9 028	84.5	4 322	...	3 114	...
	2019	9 375	...	4 307	...	2 898	...
Estonia	2001	8 315	...	6 117	...	5 716	...
Estonie	2010	6 223	...	5 003	...	5 878	...
	2013	6 578	...	4 669	...	5 314	...
	2018	7 662	...	4 449	...	4 235	...
	2022	8 323	...	5 252	...	...	...

Teaching staff at the primary, lower 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 (%)

	Year Année	Primary education Enseignement primaire		Lower Secondary education Enseignement secondaire		Upper secondary education Enseignement secondaire de deuxième cycle	
		Total Totale	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale	Teachers with minimum required qualifications(%) Enseignants avec les qualifications minimales requises (%)
Eswatini Eswatini	2003	6 680	90.6	* 2 359	...	* 1 325	...
	2005	6 741	90.8	...	...	...	...
	2010	7 463	79.3	...	...	...	...
	2015	8 752	82.1	...	...	...	...
	2017	8 928	87.7	...	...	...	...
	2019	9 139	...	...	...	...	...
Ethiopia Éthiopie	2000	86 833	...	35 521	...	...	...
	2009	234 215	84.6	67 355	73.4	14 532	74.5
	2010	252 232	...	79 330	53.5	18 330	...
	2011	259 636	...	88 409	65.8	24 199	...
	2015	...	...	...	...	18 220	100.0
	2020	537 596	...	87 157	...	36 166	...
	2022	353 124	...	...	...	...	...
Fiji Fidji	2004	4 029	...	3 022	...	* 1 536	...
	2008	3 939	97.8	3 428	...	1 837	94.8
	2012	3 671	100.0	2 324	100.0	2 717	100.0
	2022	6 322	92.4	...	...	...	...
Finland Finlande	2005	24 577	...	20 861	...	21 121	...
	2010	24 736	...	20 002	...	23 074	...
	2014	26 385	...	20 074	...	22 011	...
	2022	28 606	...	21 943	...	20 104	...
France France	2005	216 411	...	253 032	...	275 030	...
	2010	234 098	...	229 530	...	233 642	...
	2013	229 471	...	227 044	...	230 005	...
Gabon Gabon	2003	7 764	100.0	...	...	...	...
	2011	12 961	...	...	...	...	...
	2019	10 060	52.0	...	...	...	...
Gambia Gambie	2000	4 664	74.7	1 726	...	...	...
	2005	5 616	...	3 022	...	...	...
	2009	...	...	2 776	...	...	...
	*2010	6 110	...	...	...	...	...
	2015	7 902	85.8	3 838	90.5	2 098	94.0
	2021	12 116	87.6	8 446	68.5	4 006	80.2
	2023	13 258	...	6 683	...	...	...
Georgia Géorgie	2000	17 714	94.7	40 590	76.8	18 876	93.0
	2003	16 500	97.4	...	...	...	...
	2009	* 33 511	94.6	* 22 108	94.6	* 23 039	94.8
	2015	32 001	...	19 408	...	18 935	...
	2020	32 616	...	17 455	...	25 294	...
	2022	32 737	...	17 235	...	...	...
Germany Allemagne	2005	234 107	...	418 898	...	176 737	...
	2010	241 845	...	410 129	...	183 685	...
	2015	235 571	...	411 404	...	174 810	...
	2021	261 076	...	422 682	...	176 999	...
Ghana Ghana	2005	89 278	57.9	55 958	70.7	* 16 921	92.2
	2010	* 121 304	50.6	* 81 288	65.8	* 30 964	82.6
	2015	138 928	54.7	103 358	69.8	43 489	82.9
	2021	172 817	65.5	131 461	77.0	64 438	80.6
Gibraltar Gibraltar	2001	115	100.0	88	100.0	44	100.0
	2009	203	99.5	140	90.7	142	100.0
	2017	200	100.0	87	100.0	60	96.7
	2020	228	100.0	...	...	...	...
	2021	226	...	...	...	...	...
Greece Grèce	2005	58 777	...	43 391	...	42 974	...
	2007	62 114	...	42 244	...	44 269	...
	2015	66 755	...	39 428	...	37 045	...
	2021	76 829	...	45 121	...	38 484	...

Teaching staff at the primary, lower 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 (%)

	Year Année	Primary education Enseignement primaire		Lower Secondary education Enseignement secondaire		Upper secondary education Enseignement secondaire de deuxième cycle	
		Total Totale	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale	Teachers with minimum required qualifications(%) Enseignants avec les qualifications minimales requises (%)
Grenada Grenade	2003	888	68.0	* 500	30.4	* 240	31.3
	2005	791	75.3	611	33.4	...	...
	2010	851	65.3	...	...	...	...
	2015	791	63.6	460	42.0	324	41.7
	2018	807	62.9	438	46.1	275	46.5
	2022	678	60.3	...	...	...	...
Guatemala Guatemala	2005	75 519	...	29 828	...	18 076	...
	2010	98 763	...	47 463	...	29 937	...
	2014	105 188	...	53 976	...	38 063	...
	2015	98 210	...	41 341	...	...	...
	2021	114 476	...	61 715	...	52 091	...
	2022	116 781	...	...	...	...	...
Guinea Guinée	2003	23 859	...	* 6 868	...	* 2 889	...
	2005	26 897	68.1	...	...	...	...
	2008	30 933	82.1	10 379	88.9	5 562	94.5
	2010	34 451	66.1	...	...	...	...
	2011	34 861	80.4	12 043	...	7 279	...
	2015	35 940	75.7	...	...	...	...
	2021	45 766	69.2	...	...	...	...
Guinea-Bissau Guinée-Bissau	2000	3 405	35.1	1 160	...	* 557	...
	2010	5 371	38.9	...	...	...	...
Guyana Guyana	2005	4 164	57.2	* 2 901	51.6	* 1 014	64.4
	2009	3 942	63.7	2 766	56.6	793	49.9
	2010	4 031	66.1	2 570	...	1 196	...
	2012	4 079	69.6	2 840	...	1 395	...
	2015	3 727	77.1	...	...	...	...
	2020	4 627	68.3	...	...	...	...
	2021	5 427	...	...	...	...	...
Honduras Honduras	2004	38 212	87.2	11 284	65.4	5 383	62.4
	*2005	42 260	...	...	...	...	...
	2008	38 283	...	...	...	18 155	61.6
	2009	37 370	...	...	...	...	...
	2015	39 599	...	21 569	...	18 044	...
	2022	41 528	...	24 908	...	23 635	...
Hungary Hongrie	2005	41 230	...	49 533	...	47 055	...
	2010	36 675	...	41 110	...	47 639	...
	2015	36 029	...	38 939	...	41 383	...
	2021	37 490	...	37 971	...	43 833	...
Iceland Islande	2005	...	...	...	...	1 639	...
	2010	...	...	...	...	1 836	...
	2012	2 960	...	...	...	1 859	...
	2015	2 999	...	1 287	...	...	...
	2021	3 446	...	1 476	...	...	...
India Inde	2003	3 038 204	...	...	...	...	...
	2004	...	...	1 312 384	...	1 273 827	...
	2010	...	...	1 912 585	...	2 339 072	...
	2015	4 398 590	...	2 182 475	...	1 910 458	...
	2023	4 824 726	91.8	3 431 399	91.6	3 298 854	92.4
Indonesia Indonésie	2005	1 427 974	...	751 093	...	530 584	...
	2010	1 595 955	...	915 165	...	725 368	...
	2014	1 801 909	...	862 367	...	597 389	...
	2022	1 446 837	...	663 959	39.7	644 993	36.8

Teaching staff at the primary, lower 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 (%)

	Year Année	Primary education Enseignement primaire		Lower Secondary education Enseignement secondaire		Upper secondary education Enseignement secondaire de deuxième cycle	
		Total Totale	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale	Teachers with minimum required qualifications(%) Enseignants avec les qualifications minimales requises (%)
Iran (Islamic Republic of) Iran (Rép. islamique d')	2003	297 711	100.0	...	...	...	...
	2005	285 460	...	236 425	100.0	...	...
	2008	* 268 430	98.4	172 725	...	...	...
	2009	277 991	...	...	...	...	...
	2014	287 096	100.0	130 961	100.0	199 911	100.0
	2015	286 477	100.0	131 478	100.0	...	...
	2017	286 476	100.0	147 508	100.0	151 523	95.1
Iraq Iraq	2004	211 136	100.0	60 018	100.0	30 807	100.0
	2007	286 890	...	...	...	...	...
Ireland Irlande	2005	25 416	...	...	...	...	...
	2010	32 043	...	...	...	...	...
	2012	32 267	...	...	...	...	...
	2021	39 152	...	...	...	...	...
Israel Israël	2005	* 55 458	...	* 29 302	...	38 777	...
	2009	* 60 155	...	* 28 934	...	42 128	...
	2010	61 830	...	...	...	...	...
	2015	73 104	...	26 324	...	...	...
	2021	83 068	...	31 132	...	...	...
Italy Italie	2005	264 061	...	182 940	...	244 706	...
	2007	273 113	...	190 740	...	260 017	...
	2015	237 483	...	165 705	...	242 161	...
	2019	251 885	...	173 749	...	290 169	...
	2021	248 937	...	174 355	...	...	...
Jamaica Jamaïque	*2002	...	...	7 674	...	4 127	...
	2004	12 032	...	...	...	...	...
	2015	11 806	93.4	...	...	...	...
	2022	11 125	99.0	...	...	...	...
Japan Japon	2015	410 355	...	280 977	...	353 140	...
	2021	440 700	...	280 701	...	351 090	...
Jordan Jordanie	2003	* 39 441	...	* 21 835	...	12 459	...
	2004	...	...	...	...	9 915	...
	2008	...	...	...	...	16 021	...
	2014	57 946	100.0	28 319	100.0	22 994	100.0
	2022	58 341	100.0	40 520	100.0	24 896	100.0
Kazakhstan Kazakhstan	2005	59 293	...	...	...	...	...
	2010	58 957	...	...	...	...	...
	2015	73 827	100.0	...	...	...	...
	2023	112 623	100.0	...	...	...	...
Kenya Kenya	2005	* 144 744	98.9	* 36 249	98.9	* 54 479	...
	2009	* 165 002	96.8	* 38 795	96.8	* 57 021	89.3
	2012	* 142 345	...	* 33 898	...	59 273	99.6
	2015	* 266 511	...	* 70 741	...	128 011	...
	2016	...	...	...	...	144 009	...
	2020	307 248	100.0	...	...	...	...
Kiribati Kiribati	2005	654	93.9	396	83.6	281	43.1
	2008	645	85.4	414	79.2	250	33.6
	2010	639	...	...	...	...	...
	2014	614	52.4	377	86.7	...	...
	2015	628	78.8	336	...	...	...
	2020	704	90.5	410	85.9	...	...

Teaching staff at the primary, lower 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 (%)

	Year Année	Primary education Enseignement primaire		Lower Secondary education Enseignement secondaire		Upper secondary education Enseignement secondaire de deuxième cycle	
		Total Totale	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale	Teachers with minimum required qualifications(%) Enseignants avec les qualifications minimales requises (%)
Kuwait	2004	12 321	100.0	12 167	100.0	13 123	100.0
Koweït	2005	16 815	100.0	...	...	11 762	100.0
	2008	22 895	100.0	15 353	100.0	12 143	100.0
	2009	24 605	100.0	17 374	...	* 13 832	...
	2010	25 520	...	...	...	...	...
	2012	26 775	77.7	20 498	79.1	...	...
	2015	29 810	78.9	22 688	...	17 116	...
	2021	32 782	100.0	27 615	100.0	19 828	100.0
Kyrgyzstan	2005	17 729	58.0	...	...	...	...
Kirghizistan	2010	16 089	68.4	...	...	...	...
	2015	17 226	92.8	...	...	...	...
	2023	25 366	96.0	...	...	...	...
Lao People's Dem. Rep.	2005	28 299	83.4	* 10 580	91.0	* 5 311	89.8
Rép. dém. populaire lao	2010	31 782	95.4	16 849	99.3	4 649	99.4
	2015	35 206	98.4	24 018	99.5	10 182	99.0
	2022	32 864	89.7	23 130	93.7	12 455	93.7
Latvia	2005	6 915	...	15 286	...	9 838	...
Lettonie	2010	9 566	100.0	7 710	100.0	8 665	100.0
	2015	10 537	100.0	7 623	100.0	7 038	100.0
	2021	10 240	100.0	7 360	100.0	5 770	100.0
	2022	9 923	...	7 574	...	5 501	...
Lebanon	*2005	32 646	...	19 599	...	22 202	...
Liban	2010	32 649	...	19 764	...	23 094	...
	2014	39 017	...	27 880	...	19 953	...
	2016	39 967	...	28 801	...	21 248	...
	2022	35 937	34.9	...	...	...	...
Lesotho	2005	10 154	63.7	...	...	...	...
Lesotho	2010	11 508	63.4	...	...	...	...
	2015	10 930	79.2	...	...	...	...
	2023	10 021	99.5	...	...	...	...
Liberia	2000	12 966	...	4 055	...	...	...
Libéria	2009	22 120	47.8	8 574	63.4	...	...
	2014	25 812	56.4	10 163	60.4	4 811	42.4
	2015	22 479	...	8 710	62.5	3 624	59.9
	2020	29 288	66.5	11 550	82.2	6 307	83.1
Libya	2005	...	...	...	...	67 042	...
Libye	2006	...	...	...	...	74 332	...
Liechtenstein	2005	260	...	274	...	54	...
Liechtenstein	2009	328	...	285	...	54	...
	2010	337	...	317	...	...	...
	2015	252	...	254	...	84	...
	2021	283	...	264	...	60	...
Lithuania	2005	11 237	...	...	...	...	...
Lituanie	2010	9 531	94.8	...	...	...	...
	2015	8 401	94.5	24 365	...	9 000	...
	2020	8 547	91.3	20 849	...	7 107	...
	2021	8 439	...	20 513	...	6 950	...
Luxembourg	2005	3 091	...	...	...	...	...
Luxembourg	2010	3 786	...	1 883	...	3 124	...
	2015	4 247	...	2 069	...	2 909	...
	2021	5 491	...	2 668	...	3 367	...

Teaching staff at the primary, lower 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 (%)

	Year Année	Primary education Enseignement primaire		Lower Secondary education Enseignement secondaire		Upper secondary education Enseignement secondaire de deuxième cycle	
		Total Totale	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale	Teachers with minimum required qualifications(%) Enseignants avec les qualifications minimales requises (%)
Madagascar	2005	67 137	...	...	...	...	...
Madagascar	2009	90 265	...	32 706	...	10 833	...
	2010	105 673	...	...	...	...	...
	2014	110 528	16.7	46 858	21.9	17 764	17.4
	2015	115 640	15.1	...	...	...	...
	2019	126 649	15.3	58 153	21.9	19 995	15.9
	2022	133 704	...	...	...	...	...
Malawi	2010	* 43 110	95.9	...	...	...	...
Malawi	2013	* 57 148	90.8	...	...	...	...
	*2015	60 488	...	...	...	...	...
	2023	84 798	95.9	...	...	...	...
Malaysia	2004	180 682	91.0	* 86 906	...	* 61 918	...
Malaisie	2005	189 521	91.9	...	...	...	...
	2010	256 615	95.4	...	...	...	...
	2015	269 757	99.9	...	...	...	...
	2022	253 358	88.1	...	...	...	...
Maldives	2003	3 644	60.8	1 781	...	307	...
Maldives	2005	2 882	64.3	2 067	84.7	...	...
	2010	3 602	76.0	3 085	97.6	401	94.5
	2015	4 075	82.8	2 769	93.3	582	94.0
	2019	4 951	88.8	2 989	94.1	693	91.3
Mali	2000	15 567	...	5 158	...	* 3 741	...
Mali	2005	27 688	...	8 350	80.0	...	...
	2008	35 442	50.1	11 444	76.7	14 546	83.8
	2009	38 413	50.0	12 155	73.7	* 17 153	...
	2010	40 052	...	13 774	...	...	...
	2011	43 629	52.4	15 214	72.5	18 006	...
	2015	52 148	...	22 021	...	27 241	...
	2018	65 485	...	23 636	55.4	...	...
	2021	68 691	...	34 503	...	25 019	...
Malta	2005	1 608	...	...	...	...	...
Malte	2006	1 611	...	2 911	...	557	...
	2010	1 748	...	3 292	...	...	...
	2015	1 825	84.7	1 845	...	1 930	...
	2021	2 102	83.5	2 045	...	2 568	...
Marshall Islands	2002	517	...	180	...	201	...
Îles Marshall	*2003	...	...	183	...	204	...
	2009	...	...	...	...	244	...
	2022	488	52.5	240	68.4	195	80.2
Mauritania	2003	9 606	...	* 1 896	63.3	* 1 341	...
Mauritanie	2005	11 001	100.0	...	...	...	...
	2006	11 252	100.0	2 033	100.0	* 1 744	100.0
	2009	13 131	100.0	1 856	100.0	...	...
	2010	14 303	100.0	...	...	...	...
	2014	17 227	91.2	2 467	100.0	2 941	75.9
	2015	17 669	...	2 540	100.0	3 051	...
	2019	16 630	96.9	4 538	93.0	4 491	92.1
Mauritius	2005	5 531	100.0	...	...	...	...
Maurice	2010	5 472	100.0	...	...	...	...
	2015	5 400	100.0	...	...	...	...
	2021	5 936	100.0	...	...	...	...
Mexico	2005	519 112	94.9	356 540	88.1	236 911	91.2
Mexique	2010	529 599	95.6	394 955	89.8	257 185	92.8
	2012	533 866	96.0	410 704	90.6	273 545	93.5
	2015	574 276	84.4	...	...	...	...
	2021	568 857	90.9	437 706	...	408 267	...
	2022	567 929	...	441 631	...	419 513	...

Teaching staff at the primary, lower 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 (%)

	Year Année	Primary education Enseignement primaire		Lower Secondary education Enseignement secondaire		Upper secondary education Enseignement secondaire de deuxième cycle	
		Total Totale	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale	Teachers with minimum required qualifications(%) Enseignants avec les qualifications minimales requises (%)
Micronesia (Fed. States of) Micronésie (États féd. de)	2015	46	...	1 259	6.3	662	2.3
	2021	864	27.5	489	31.7	402	30.3
	2022	811	...	257	...	...	...
Monaco	2001	89	...	110	...	166	...
Monaco	2015	155	...	...	...	...	...
	2023	184	77.2	209	68.4	234	74.8
Mongolia Mongolie	2005	7 338	100.0	10 171	100.0	4 970	100.0
	2006	7 562	100.0	10 795	100.0	5 412	100.0
	2007	7 572	100.0	10 287	100.0	...	...
	2010	9 060	97.6	...	...	...	...
	2014	8 795	100.0	...	...	...	...
	2015	8 901	...	...	...	...	...
	2022	11 509	99.7	25 983	...	...	...
Montenegro Monténégro	2015	...	...	...	...	2 388	...
	2022	...	...	...	...	2 104	...
Montserrat Montserrat	2005	25	80.0	* 16	50.0	* 10	50.0
	2009	37	59.5	* 16	43.8	* 11	45.5
	2014	40	72.5	...	...	...	...
	2019	29	75.9	...	...	...	...
	2020	29	...	...	...	...	...
Morocco Maroc	2004	147 730	...	* 60 010	...	* 40 357	...
	2005	148 438	100.0	...	...	...	...
	2008	146 187	100.0	...	...	43 049	100.0
	2009	144 722	100.0	...	...	* 47 350	...
	2010	150 367	100.0	...	...	...	...
	2015	156 072	100.0	...	...	...	...
	2022	175 292	100.0	83 390	100.0	73 860	100.0
Mozambique Mozambique	2005	59 434	59.8	* 7 416	...	* 2 093	...
	2008	76 558	67.0	10 935	61.7	* 3 017	77.0
	2009	82 753	71.2	* 12 281	...	* 3 772	...
	2010	90 236	75.9	...	...	...	...
	2013	101 372	87.3	18 215	85.2	5 888	95.1
	2015	107 976	93.2	...	...	...	...
	2022	133 644	99.2	...	...	...	...
Myanmar Myanmar	2004	154 151	76.4	57 395	79.7	19 609	97.8
	2005	160 110	...	58 488	...	19 656	98.0
	2010	181 666	99.9	59 897	98.3	23 806	100.0
	2014	187 828	99.5	70 063	93.2	30 283	95.2
	2018	217 561	95.3	106 459	89.5	47 201	87.7
Namibia Namibie	2005	13 113	92.4	...	...	...	...
	2010	13 652	96.4	...	...	...	...
	2015	16 803	87.4	...	...	...	...
	2017	18 070	86.6	5 994	...	5 349	...
	2022	19 729	99.3	5 455	99.9	...	...
Nauru Nauru	2005	65	...	...	...	...	...
	2007	62	74.2	...	...	...	...
	2008	56	...	...	...	...	...
	2014	40	...	23	...	22	...
	2016	45	100.0	23	100.0	17	100.0
	2020	63	...	8	...	10	...
	2022	...	...	18	100.0	7	57.1
Nepal Népal	2003	110 173	16.2	28 160	25.8	24 368	...
	2004	112 360	17.4	29 895	...	...	...
	2005	101 483	30.5	...	...	...	...
	2010	153 536	73.7	40 259	57.2	43 371	72.3
	2015	185 562	97.4	52 349	84.9	58 040	85.6
	2023	158 842	98.1	54 581	95.5	48 878	90.6

Teaching staff at the primary, lower 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 (%)

	Year Année	Primary education Enseignement primaire		Lower Secondary education Enseignement secondaire		Upper secondary education Enseignement secondaire de deuxième cycle	
		Total Totale	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale	Teachers with minimum required qualifications(%) Enseignants avec les qualifications minimales requises (%)
Netherlands (Kingdom of the) Pays-Bas (Royaume des)	2015	103 930	...	58 900	...	52 662	...
	2021	101 614	...	56 878	...	58 233	...
New Zealand Nouvelle-Zélande	2005	21 681	...	16 957	...	18 809	...
	2010	24 053	...	16 777	...	18 545	...
	2015	25 407	...	16 421	...	18 856	...
	2021	26 607	...	18 316	...	18 580	...
Nicaragua Nicaragua	2005	28 163	76.9	8 668	49.4	4 312	58.7
	2008	32 349	72.7	10 696	57.2	5 468	62.5
	2010	30 571	74.9	10 893	...	4 196	...
	2015	28 337	...	...	...	...	...
	2022	30 115	68.7	...	...	...	...
Niger Niger	2004	22 429	75.8	3 003	30.8	2 128	28.9
	2005	24 362	85.0	3 145	...	3 488	...
	2009	40 021	98.0	...	...	...	...
	2010	44 710	...	7 738	13.7	2 207	26.7
	2015	66 750	55.5	14 433	...	6 863	15.0
	2021	69 272	96.0	19 833	20.4	8 144	12.6
	2023	68 237	98.7	...	...	...	...
Nigeria Nigéria	2005	599 172	50.0	* 96 769	...	* 62 514	...
	2010	574 078	66.1	160 941	85.0	229 486	18.5
	2015	523 429	...	...	...	...	...
	2018	913 579	62.2	382 346	76.3	393 702	57.5
	2021	913 305	...	458 459	...	453 786	...
Niue Nioué	2004	16	...	...	...	...	...
	2015	12	100.0	5	100.0	18	100.0
	2020	17	...	5	...	21	...
	2022	12	100.0	8	100.0	...	...
North Macedonia Macédoine du Nord	2005	5 684	...	8 580	...	5 970	...
	2010	6 949	...	9 513	...	7 024	...
	2015	7 554	...	10 401	...	7 523	...
	2021	7 525	...	11 538	...	7 262	...
Norway Norvège	2015	48 583	...	22 863	...	28 474	...
	2021	51 613	...	29 412	...	26 797	...
Oman Oman	2001	13 394	99.8	8 210	100.0	6 212	100.0
	*2003	15 775	...	9 745	...	6 332	...
	2009	...	...	...	...	7 735	100.0
	2022	28 108	100.0	30 435	100.0	9 343	100.0
Pakistan Pakistan	2005	450 136	85.5	* 192 217	...	* 102 499	...
	2010	463 674	84.2	...	...	...	...
	2015	428 281	82.5	380 785	61.2	190 900	...
	2021	472 197	76.9	433 979	57.6	955 357	77.3
Palau Palaos	2000	124	...	60	...	66	...
	2021	...	100.0	...	...	90	100.0
Panama Panama	2005	17 751	89.6	9 522	82.5	6 870	83.6
	2010	18 746	91.6	10 795	86.5	7 706	90.9
	2014	19 404	83.2	12 639	93.8	10 307	98.1
	2015	19 072	99.2	13 706	94.0	10 071	...
	2017	19 072	99.2	13 706	94.0	10 071	...
	2021	22 102	...	...	...	...	...
Papua New Guinea Papouasie-Nvl-Guinée	*2001	14 390	...	...	...	...	...
	2012	...	...	8 101	100.0	5 703	100.0
	2016	35 896	...	11 938	...	2 853	...
Paraguay Paraguay	2003	33 607	...	20 335	...	22 828	...
	*2004	33 434	...	...	...	...	...
	2012	34 694	92.1	18 227	85.9	16 059	75.4
	2018	...	...	...	...	15 730	...

Teaching staff at the primary, lower 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 (%)

	Year Année	Primary education Enseignement primaire		Lower Secondary education Enseignement secondaire		Upper secondary education Enseignement secondaire de deuxième cycle	
		Total Totale	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale	Teachers with minimum required qualifications(%) Enseignants avec les qualifications minimales requises (%)
Peru	2005	177 060	...	...	...	...	...
Pérou	2010	191 177	...	...	...	...	...
	2015	195 444	...	...	...	...	...
	2023	220 912	...	...	...	...	...
Philippines	2005	373 035	...	117 097	...	50 652	...
Philippines	2009	435 385	...	135 681	...	58 692	...
	2010	423 035	100.0	...	...	...	...
	2015	470 194	100.0	...	...	...	...
	2021	527 228	100.0	358 220	100.0	120 800	100.0
Poland	2005	235 950	...	131 477	...	164 552	...
Pologne	2010	239 888	99.3	111 978	98.7	161 390	98.4
	2015	219 826	99.6	127 126	99.2	146 355	98.4
	2019	253 077	100.0	119 879	100.0	138 302	100.0
	2022	131 275	...	185 868	...	140 425	...
Portugal	2004	65 548	100.0	36 800	...	49 058	...
Portugal	2005	71 519	100.0	...	...	...	...
	2010	67 734	100.0	48 129	...	49 960	...
	2015	49 355	100.0	39 679	...	38 739	...
	2020	51 105	100.0	40 857	100.0	...	100.0
	2021	52 436	...	41 820	...	...	...
Puerto Rico	2010	25 708	...	8 699	...	17 462	...
Porto Rico	2015	18 028	94.7	6 576	95.0	8 173	94.8
	2016	16 810	92.6	6 132	84.0	7 621	84.0
	2018	14 453	...	6 551	...	5 274	...
Qatar	2005	6 298	...	2 742	...	2 072	...
Qatar	2008	6 248	52.3	3 340	54.7	3 478	50.9
	2009	7 544	48.9	3 149	...	3 774	...
	2010	7 374	...	3 404	...	3 534	...
	2015	11 221	100.0	4 560	100.0	4 381	100.0
	2022	13 159	100.0	5 018	100.0	5 643	100.0
Republic of Korea	2005	144 338	100.0	97 562	100.0	112 114	100.0
République de Corée	2010	158 056	100.0	103 000	100.0	121 503	100.0
	2015	164 415	100.0	105 940	100.0	129 828	100.0
	2021	167 074	100.0	103 916	100.0	123 401	100.0
	2022	169 496	...	105 841	...	123 157	...
Republic of Moldova	2005	10 259	...	23 102	...	7 818	...
République de Moldova	2010	9 160	...	20 590	...	8 451	...
	2015	7 936	...	17 593	...	7 375	...
	2021	7 579	100.0	15 041	100.0	5 826	100.0
	2022	7 525	100.0	...	...	...	...
Romania	2005	57 099	...	93 069	...	68 482	...
Roumanie	2010	52 272	...	82 959	...	63 058	...
	2015	50 098	...	73 046	...	56 164	...
	2021	47 048	...	69 555	...	55 135	...
Russian Federation	2005	* 317 023	96.3	...	...	...	...
Fédération de Russie	2008	284 789	96.7	...	...	...	...
	2009	277 657	...	...	...	...	...
	2015	296 994	98.9	...	...	...	...
	2018	321 587	98.6	...	...	...	...
	2022	328 588	...	...	...	...	...
Rwanda	2005	26 944	93.7	...	...	...	...
Rwanda	2009	33 158	93.9	10 422	...	4 907	...
	2010	35 583	91.5	...	...	...	...
	2015	42 005	93.9	...	...	...	...
	2022	63 046	76.1	16 345	86.4	12 622	69.2

Teaching staff at the primary, lower 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 (%)

	Year Année	Primary education Enseignement primaire		Lower Secondary education Enseignement secondaire		Upper secondary education Enseignement secondaire de deuxième cycle	
		Total Totale	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale	Teachers with minimum required qualifications(%) Enseignants avec les qualifications minimales requises (%)
Saint Kitts and Nevis	2005	360	58.3	* 246	39.0	* 151	39.1
Saint-Kitts-et-Nevis	2010	443	61.6	295	49.2	170	43.5
	2012	385	64.7	240	53.3	208	52.9
	2015	362	71.8	...	...	...	...
	2021	428	67.8	...	...	...	...
Saint Lucia	2000	1 091	...	* 400	...	* 305	...
Sainte-Lucie	2005	1 073	80.0	...	...	...	...
	2010	1 051	86.8	* 619	...	* 401	...
	2012	1 054	87.8	* 605	65.5	* 422	64.5
	2015	1 088	...	693	...	433	...
	2022	1 081	81.4	652	72.7	421	72.7
Saint Vincent & Grenadines	2004	* 1 018	72.2	* 420	53.8	* 155	54.2
Saint-Vincent-Grenadines	2010	887	84.1	423	64.3	257	60.7
	2015	897	84.3	...	...	...	...
	2022	972	79.0	...	...	...	...
Samoa	2002	1 121	...	325	...	749	...
Samoa	2005	...	...	...	...	799	...
	2009	936	...	360	...	846	71.9
	2010	1 021	...	412	...	799	...
	2014	...	...	...	...	984	100.0
	2015	...	...	...	...	976	...
	2020	...	...	...	...	1 029	54.7
	2022	1 459	...	...	...	1 032	...
San Marino	2004	228	...	125	...	...	...
Saint-Marin	2010	244	...	161	...	...	...
	2015	233	...	155	...	...	...
	2022	243	34.2	158	0.6	129	8.5
Sao Tome and Principe	2004	929	...	195	...	...	...
Sao Tomé-et-Principe	2005	990	...	...	...	...	...
	2010	668	49.4	...	...	...	...
	2011	1 183	...	516	37.6	85	87.1
	2012	1 183	32.8	522	34.5	...	...
	2015	917	34.4	...	...	...	...
	2016	1 132	31.1	* 648	20.2	* 288	...
	2017	1 193	27.4	856	...	...	...
Saudi Arabia	*2005	273 288	...	133 011	...	101 347	...
Arabie saoudite	2007	* 282 697	91.5	...	...	...	...
	*2009	284 750	...	145 198	...	118 943	...
	2010	297 737	...	...	...	...	...
	2015	320 731	100.0	159 260	100.0	164 260	100.0
	2022	234 751	100.0	120 371	100.0	116 735	100.0
Senegal	2004	32 005	50.8	10 357	...	3 297	...
Sénégal	2005	34 656	45.7	...	...	...	...
	2008	44 416	46.2	12 979	...	...	...
	2010	50 369	47.9	...	...	...	...
	2015	61 620	68.3	...	...	...	...
	2022	72 281	71.8	24 827	75.0	29 915	71.1
Serbia	2005	...	...	...	...	26 776	...
Serbie	2007	17 477	100.0	29 524	100.0	27 365	100.0
	2009	17 449	94.2	31 691	92.7	28 511	...
	2010	17 314	...	32 467	...	29 074	...
	2011	18 648	70.4	31 952	53.1	29 750	...
	2012	18 511	55.7	32 553	...	29 821	...
	2015	18 318	...	34 754	...	30 740	...
	2022	18 616	...	36 003	...	31 319	...

Teaching staff at the primary, lower 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 (%)

	Year Année	Primary education Enseignement primaire		Lower Secondary education Enseignement secondaire		Upper secondary education Enseignement secondaire de deuxième cycle	
		Total Totale	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale	Teachers with minimum required qualifications(%) Enseignants avec les qualifications minimales requises (%)
Seychelles	2003	675	77.9	...	...	...	...
Seychelles	2005	671	...	...	...	...	...
	2010	691	85.2	...	...	...	...
	2015	654	83.6	...	...	...	...
	2022	609	61.2	...	...	...	...
Sierra Leone	2001	14 875	...	3 732	...	2 108	...
Sierra Leone	2015	40 303	53.8	14 368	68.7	7 506	73.5
	2019	47 738	63.6	19 888	72.0	9 841	75.1
	2021	43 747	73.1	19 986	81.4	...	...
Singapore	2009	16 171	98.6	...	...	...	...
Singapour	2015	14 914	...	...	...	...	...
	2021	16 925	98.0	...	...	...	...
Sint Maarten (Dutch part) St-Martin (partie néerland.)	2012	318	...	...	...	...	...
Slovakia	2005	13 849	...	26 872	...	23 654	...
Slovaquie	2010	13 938	...	23 519	...	22 170	...
	2014	14 030	95.9	23 527	96.4	18 312	95.2
	2015	14 182	...	23 105	...	17 607	...
	2022	18 690	97.6	21 031	97.6	16 288	98.5
Slovenia	2005	6 156	...	7 867	...	8 306	...
Slovénie	2010	6 281	...	7 662	...	7 589	...
	2015	6 836	...	7 239	...	6 797	...
	2016	8 663	...	9 060	...	6 291	...
	2022	...	...	...	...	6 299	...
Solomon Islands	2010	4 789	58.0	780	70.8	635	70.9
Îles Salomon	2015	4 051	59.2	1 713	80.3	489	63.0
	2019	4 348	82.4	1 794	93.9	...	...
Somalia							
Somalie	2007	12 870	...	2 231	...	2 273	54.2
South Africa	2002	* 211 600	77.9	...	...	...	...
Afrique du Sud	*2005	232 999	...	...	...	...	...
	*2009	212 296	...	...	...	...	...
	2015	249 103	...	...	...	...	...
	2020	...	...	78 846	...	109 008	...
South Sudan	2011	* 29 073	44.0	* 1 861	44.3	3 176	...
Soudan du sud	2015	* 27 248	...	* 2 303	...	3 671	...
Spain	2005	180 710	100.0	160 172	100.0	119 858	100.0
Espagne	2010	219 409	100.0	188 540	100.0	106 235	100.0
	2015	228 299	100.0	132 097	100.0	144 390	100.0
	2021	247 980	100.0	160 608	100.0	168 518	100.0
Sri Lanka	2005	73 471	...	65 956	...	...	...
Sri Lanka	2010	71 957	82.1	77 050	...	...	...
	2012	71 721	...	79 845	...	70 041	...
	2015	76 803	86.2	78 079	86.1	...	...
	2021	71 903	87.6	77 435	82.9	78 042	77.7
State of Palestine	2005	15 789	100.0	20 439	...	4 229	100.0
État de Palestine	2010	14 491	100.0	24 126	100.0	7 460	100.0
	2015	18 759	100.0	27 270	100.0	8 898	100.0
	2022	24 178	100.0	32 193	100.0	17 006	100.0
Sudan	2015	...	...	...	...	65 529	66.2
Soudan	2018	...	...	...	...	71 881	65.8
Sudan [former]	2005	113 094	...	29 622	...	34 060	...
Soudan [anc.]	2009	* 123 633	...	* 37 712	...	44 953	...
Suriname	2005	3 520	...	1 962	...	1 334	...
Suriname	2010	4 749	95.7	2 368	79.1	1 254	41.6
	2015	5 395	98.0	2 839	84.1	1 730	50.2
	2021	5 068	99.8	3 346	81.9	969	...

Teaching staff at the primary, lower 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 (%)

	Year Année	Primary education Enseignement primaire		Lower Secondary education Enseignement secondaire		Upper secondary education Enseignement secondaire de deuxième cycle	
		Total Totale	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale	Teachers with minimum required qualifications(%) Enseignants avec les qualifications minimales requises (%)
Sweden Suède	2005	65 516	...	38 262	...	37 863	...
	2010	60 396	...	35 155	...	40 150	...
	2015	65 459	...	29 745	...	35 825	...
	2022	71 262	...	38 277	...	38 684	...
Switzerland Suisse	2014	47 889	...	33 289	...	31 114	...
	2018	51 655	...	30 577	...	31 969	...
	2022	55 749	...	32 113	...	...	...
Syrian Arab Republic République arabe syrienne	2002	114 676	88.4	...	...	...	...
	2004	...	...	...	...	37 046	85.0
	2010	...	...	...	...	69 015	84.2
	2013	...	...	...	...	48 572	91.7
	2023	...	...	...	...	53 486	44.2
Tajikistan Tadjikistan	2003	31 080	82.0	36 938	94.0	17 755	94.3
	2004	32 078	84.1	...	...	...	...
	2005	32 498	...	...	...	...	...
	2010	27 087	92.9	...	...	...	...
	2015	30 649	100.0	...	...	...	...
	2017	34 575	100.0	...	...	...	...
Thailand Thaïlande	2002	326 272	...	* 104 575	...	* 68 373	...
	2008	347 959	...	136 553	...	86 246	...
	2010	316 552	...	128 582	...	...	...
	2015	300 968	100.0	129 012	100.0	110 993	100.0
	2023	320 912	100.0	115 323	100.0	111 076	100.0
Timor-Leste Timor-Leste	2003	3 926	...	1 121	...	579	...
	2004	3 618	...	...	...	...	...
	2010	7 622	...	2 343	...	2 072	...
	2011	7 714	...	2 501	...	1 940	...
	2015	...	...	...	...	2 087	...
	2020	7 899	...	3 471	...	2 711	...
Togo Togo	2005	29 668	...	...	...	...	...
	2010	31 712	76.7	...	...	...	...
	2011	31 743	70.8	11 778	...	9 020	...
	2015	33 891	73.3	...	...	...	...
	2021	42 250	75.8	21 794	37.9	11 117	27.7
	2022	41 132	78.5	...	...	...	...
Tokelau Tokélaou	2003	39	...	...	...	...	...
	2020	21	57.1	15	33.3	13	46.2
	2023	21	57.1	15	33.3	13	...
Tonga Tonga	2005	839	...	...	...	...	...
	2010	677	...	...	...	...	...
	2015	785	92.5	886	...	200	...
	2022	808	96.9	...	...	...	...
Trinidad and Tobago Trinité-et-Tobago	2003	7 623	83.3	* 3 505	58.0	...	...
	2004	* 7 839	81.0	...	...	...	...
	*2005	7 839	...	3 441	...	...	...
	2009	* 7 447	88.0	* 4 079	40.4	...	...
	2022	7 341	79.3	...	...	...	...
Tunisia Tunisie	2004	59 610	...	34 579	...	34 255	...
	2005	59 252	...	...	...	...	...
	2010	60 186	...	38 515	...	49 070	...
	2015	70 577	100.0	...	...	...	...
	2022	81 795	100.0	39 748	100.0	49 068	100.0
Türkiye Türkiye	2005	...	...	...	...	167 949	...
	2010	...	...	...	...	206 862	...
	2015	295 252	...	296 065	...	298 378	...
	2021	306 937	...	370 798	...	382 109	...

Teaching staff at the primary, lower 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 (%)

	Year Année	Primary education Enseignement primaire		Lower Secondary education Enseignement secondaire		Upper secondary education Enseignement secondaire de deuxième cycle	
		Total Totale	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale	Teachers with minimum required qualifications(%) Enseignants avec les qualifications minimales requises (%)
Turkmenistan	2021	23 350	99.6	...	...	...	...
Turkménistan	2022	23 793	...	...	...	...	...
Turks and Caicos Islands	2002	119	84.0	* 90	100.0	...	...
Îles Turques-et-Caïques	2003	119	84.0	...	...	...	...
	2014	285	89.1	...	...	...	...
	2022	254	89.0	...	...	...	...
Tuvalu	2001	78	...	31	...	...	...
Tuvalu	2004	73	...	...	...	...	...
	2015	117	...	64	...	145	...
	2022	99	46.5	127	29.1	96	28.1
Uganda	2005	139 641	...	* 31 682	...	* 8 495	...
Ouganda	2006	150 135	...	* 37 431	...	* 8 111	...
	2010	172 403	...	...	...	...	...
	2015	192 566	71.5	...	...	...	...
	2017	207 238	79.6	...	...	...	...
Ukraine	2005	104 028	99.7	...	...	...	...
Ukraine	2010	98 371	99.9	...	...	...	...
	2012	98 491	99.9	...	...	...	...
	2015	124 073	...	...	...	...	...
	2021	116 084	90.0	...	...	...	...
United Arab Emirates	2005	17 255	60.0	11 832	49.2	...	...
Émirats arabes unis	2010	19 401	...	14 928	...	...	...
	2015	19 518	100.0	15 691	100.0	...	...
	2020	24 646	100.0	27 851	100.0	42 659	100.0
United Kingdom	2005	265 257	...	152 541	...	234 991	...
Royaume-Uni	2008	244 391	...	152 096	...	* 223 289	...
	2010	252 290	...	...	...	...	...
	2014	272 430	...	154 724	...	259 503	...
	2018	279 097	...	150 037	...	219 103	...
	2021	285 965	...	151 631	...	...	...
United Rep. of Tanzania	2005	135 013	100.0	...	...	...	...
Rép.-Unie de Tanzanie	2010	165 856	94.5	...	...	...	...
	2013	189 487	99.0	...	...	...	...
	2015	197 420	...	...	...	...	...
	2016	206 829	99.2	...	...	...	...
	2022	201 672	...	...	...	...	...
United States of America	2015	1 714 415	100.0	853 176	100.0	808 199	100.0
États-Unis d'Amérique	2021	1 762 360	100.0	888 622	100.0	836 659	100.0
	2022	1 774 348	...	894 725	...	842 481	...
Uruguay	2005	18 139	...	14 348	...	7 774	...
Uruguay	2010	24 785	...	17 159	...	8 231	...
	2015	26 943	100.0	...	...	...	...
	2021	20 537	100.0	...	...	...	...
	2022	19 528	...	...	...	...	...
Uzbekistan	2005	119 473	...	...	...	...	...
Ouzbékistan	2010	110 962	100.0	...	...	...	...
	2011	124 685	100.0	...	...	...	...
	2015	112 159	...	270 022	74.8	302 586	...
	2023	121 023	100.0	297 941	100.0	312 964	100.0
Vanuatu	2000	1 582	...	261	...	162	...
Vanuatu	2004	1 947	...	...	...	...	...
	2007	1 592	100.0	...	...	...	...
	2010	1 931	...	...	...	...	...
	2015	1 729	...	829	21.5	171	...
	2022	2 152	100.0	...	...	...	...

Teaching staff at the primary, lower 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 (%)

	Year Année	Primary education Enseignement primaire		Lower Secondary education Enseignement secondaire		Upper secondary education Enseignement secondaire de deuxième cycle	
		Total Totale	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale	Teachers with min. required qualifications(%) Enseignants avec les qualifications minimales requises (%)	Total Totale	Teachers with minimum required qualifications(%) Enseignants avec les qualifications minimales requises (%)
Viet Nam	2005	360 624	93.4	295 056	94.6	...	...
Viet Nam	2010	347 840	98.3	313 911	99.1	...	...
	2015	392 403	99.5	312 587	99.6	...	...
	2020	377 876	99.7	284 139	99.9	...	...
	2022	381 976	...	285 174	86.3	170 972	99.9
Yemen	2010	111 227	...	83 446	...	...	...
Yémen	2011	120 339	...	91 591	...	...	...
	*2012	121 805	...	...	...	...	...
	2013	...	...	...	...	29 040	94.6
	2016	144 824	...	43 182	...	...	...
Zambia	*2005	45 554	...	4 670	...	...	...
Zambie	2010	* 54 716	89.7	* 8 336	...	...	...
	2012	* 63 697	92.7	* 9 270	92.7	...	...
	2014	78 395	85.1	22 418	...	...	...
	2015	75 236	85.6	...	...	...	...
	2017	78 099	98.8	...	...	...	...
	2020	83 160	...	...	...	...	...
Zimbabwe	2003	61 251	...	...	...	...	...
Zimbabwe	2015	75 072	93.9	...	...	...	...
	2022	83 734	97.9	...	...	...	...
LDCs	2005	2 394 903	78.5	* 841 710	67.2	* 494 103	...
PMA\$	2010	3 101 903	78.1	1 126 535	67.3	660 403	51.5
	2015	3 872 442	75.4	* 1 224 152	62.4	* 1 118 639	59.6
	2019	* 4 401 238	73.7	* 1 478 064	62.8	* 1 246 310	62.4
	2020	* 4 460 887	72.7	* 1 532 037	64.1	* 1 308 449	...
	2021	* 4 556 885	73.5	* 1 569 852	...	* 1 345 752	...
	*2022	4 622 675	...	...	...	...	...
LLDCs	2005	* 1 308 056	85.4	* 1 011 504	...	* 449 909	...
PDSL	2010	1 621 357	85.0	* 1 054 241	...	* 546 715	...
	2015	1 934 194	81.9	* 1 215 731	...	* 597 643	...
	2018	* 2 135 696	76.9	* 1 308 023	80.6	* 659 123	84.8
	2021	* 2 330 544	74.2	* 1 334 670	...	* 695 818	...
	*2022	2 356 066	...	...	...	...	...
SIDS	2005	* 318 585	85.4	* 150 442	81.8	* 86 909	94.3
PEID	2010	* 345 072	84.5	* 164 637	76.8	* 98 084	92.4
	2014	* 352 216	86.6	* 346 509	...	...	...
	2015	* 361 941	87.9	...	10.2	* 321 740	74.9
	2020	* 356 836	89.5	* 67 120	88.5	* 225 969	86.5
	2022	* 360 145	89.3	...	...	...	...

Source:

United Nations Educational, Scientific and Cultural Organization (UNESCO), Montreal, the UNESCO Institute for Statistics (UIS) statistics database, last accessed April 2024.

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 avril 2024.

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

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