

APPENDIX TABLE 2-37

Earned doctoral degrees, by selected region, country, or economy and field: 2014 or most recent year

(Number)

Region, country, or economy	All fields	S&E field						Non-S&E
		All S&E	Physical and biological sciences and mathematics and statistics	Computer sciences	Agricultural sciences	Social and behavioral sciences	Engineering	
Asia ^a								
Armenia	247	52	NA	NA	4	NA	48	195
China ^b	53,653	34,103	10,922	NA	2,382	2,262	18,537	19,550
Georgia	450	88	NA	NA	10	NA	78	362
India ^c	21,830	13,144	5,721	321	1,545	2,960	2,597	8,686
Japan ^d	15,045	6,743	1,377	NA	941	887	3,538	8,302
Kyrgyzstan	682	96	NA	NA	10	NA	86	586
Malaysia	2,983	796	NA	NA	51	NA	745	2,187
Mongolia	118	12	NA	NA	10	NA	2	106
Philippines	3,427	286	NA	NA	250	NA	36	3,141
South Korea	12,931	6,032	1,586	157	299	512	3,478	6,899
Taiwan	4,048	2,487	619	57	99	196	1,516	1,561
Tajikistan	382	49	NA	NA	28	NA	21	333
Middle East ^a								
Iran	6,842	1,391	NA	NA	451	NA	940	5,451



Region, country, or economy	All fields	S&E field						Non-S&E
		All S&E	Physical and biological sciences and mathematics and statistics	Computer sciences	Agricultural sciences	Social and behavioral sciences	Engineering	
Israel	1,546	1,113	698	59	34	183	139	433
Jordan (2015)	693	45	10	*	3	31	1	648
Lebanon (2011)	171	33	*	1	*	28	4	138
Saudi Arabia (2015)	439	82	33	5	3	23	18	357
Africa ^a								
Egypt (2013)	6,877	1,046	NA	NA	673	NA	373	5,831
Madagascar	377	*	NA	NA	NA	NA	NA	377
Mozambique (2013)	15	9	NA	NA	*	NA	9	6
South Africa	2,270	1,175	572	55	79	293	176	1,095
Sudan	1,460	166	NA	NA	48	NA	118	1,294
Tunisia	825	157	NA	NA	7	NA	150	668
Europe ^a								
EU								
Austria	2,207	1,305	416	114	56	209	512	902
Belgium	2,581	1,575	504	64	135	266	606	1,006
Bulgaria	1,363	706	174	33	47	177	275	657
Croatia	855	564	155	29	50	186	144	291



Region, country, or economy	All fields	S&E field						Non-S&E
		All S&E	Physical and biological sciences and mathematics and statistics	Computer sciences	Agricultural sciences	Social and behavioral sciences	Engineering	
Cyprus	60	37	14	4	*	6	13	23
Czech Republic	2,484	1,551	613	79	150	153	556	933
Denmark	2,126	1,289	373	*	230	213	473	837
Estonia	213	151	71	9	12	23	36	62
Finland	2,013	1,121	306	70	62	224	459	892
France	13,729	10,023	5,731	736	*	1,684	1,872	3,706
Germany	28,147	14,625	7,975	994	834	1,637	3,185	13,522
Greece	1,601	868	218	65	83	151	351	733
Hungary	1,154	659	236	66	67	162	128	495
Ireland	1,738	833	423	106	20	127	157	905
Italy	10,678	6,185	2,571	134	619	808	2,053	4,493
Latvia	264	164	34	12	9	37	72	100
Lithuania	411	262	84	11	23	47	97	149
Luxembourg	82	55	17	16	*	14	8	27
Malta	22	13	4	*	*	*	9	9
Netherlands	4,528	340	NA	NA	340	NA	NA	4,188
Poland	3,376	1,811	734	10	227	279	561	1,565



Region, country, or economy	All fields	S&E field						Non-S&E
		All S&E	Physical and biological sciences and mathematics and statistics	Computer sciences	Agricultural sciences	Social and behavioral sciences	Engineering	
North America								
Canada (2013)	7,059	5,188	2,299	283	188	1,027	1,391	1,871
Mexico	5,782	2,365	753	65	148	617	782	3,417
United States	67,591	39,834	16,599	1,941	952	10,012	10,330	27,757
Central America and Caribbean								
Cuba	663	108	NA	NA	39	NA	69	555
South America								
Argentina	2,088	1,021	934	NA	87	NA	NA	1,067
Brazil	16,745	9,124	2,798	224	1,941	1,302	2,859	7,621
Chile	606	408	205	9	46	53	96	198
Colombia	408	131	NA	NA	34	NA	97	277
Oceania ^a								
Australia	8,400	4,865	1,668	311	300	1,088	1,498	3,535
New Zealand	1,414	890	382	70	58	157	224	524

* = nil or negligible; NA = not available.

EU = European Union.

^a Includes only locations for which relatively recent data are available.



^b China data include computer sciences under engineering.

^c India data include social sciences in humanities and arts (non-S&E).

^d Japan data include thesis doctorates, called *ronbun hakase*, earned by employees in industry. In higher education data for Japan, mathematics are included in natural sciences, and computer sciences are included in engineering.

Note(s)

Physical and biological sciences and mathematics and statistics include biological and related sciences, environmental sciences, and physical sciences. Computer sciences include information and communication technologies. Agricultural sciences include agriculture, forestry, fisheries, and veterinary sciences. Social and behavioral sciences include social and behavioral sciences, and journalism and information. Engineering includes engineering and engineering trades, manufacturing and processing, and architecture and construction. To facilitate international comparison, data for the United States reflect the most recent classification in the International Standard Classification of Education Fields of Education and Training (ISCED-F), which varies slightly from the National Science Foundation classification of fields presented in other sections of the chapter. Data for doctoral degrees use ISCED 2011 level 8. S&E data do not include health fields.

Source(s)

United Nations Educational, Scientific and Cultural Organization (UNESCO) Institute for Statistics database, special tabulations (2016); National Bureau of Statistics of China, *China Statistical Yearbook* (Beijing) (2015); Government of India, Ministry of Human Resource Development, Department of Higher Education, All India Survey on Higher Education 2014–15 (2016); Japan Student Services Organization, special tabulations (2014); Government of Singapore, Ministry of Education, *Education Statistics Digest: 2015*; Ministry of Education, *Educational Statistics of the Republic of China (Taiwan): 2015* (2015); National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Completions Survey; National Science Foundation, National Center for Science and Engineering Statistics, Integrated Science and Engineering Resources Data System (WebCASPAR), <https://ncesdata.nsf.gov/webcaspar/>.

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