



APPENDIX TABLE 2-40

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

(Number)

Sex and 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	
Male								
Asia								
Armenia	173	44	NA	NA	4	NA	40	129
Georgia	185	52	NA	NA	7	NA	45	133
India ^a	13,252	8,283	3,513	138	994	1,700	1,938	4,969
Kyrgyzstan	367	73	NA	NA	5	NA	68	294
Malaysia	1,763	555	NA	NA	33	NA	522	1,208
Mongolia	52	5	NA	NA	3	NA	2	47
Philippines	1,382	147	NA	NA	128	NA	19	1,235
South Korea	8,398	4,673	1,075	144	216	291	2,947	3,725
Taiwan	2,870	2,039	463	46	60	117	1,353	831
Tajikistan	244	NA	NA	NA	NA	NA	NA	NA
Middle East								
Iran	4,230	1,041	NA	NA	304	NA	737	3,189
Israel	777	598	362	53	19	61	103	179



Sex and 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	
Jordan (2015)	489	32	7	*	3	21	1	457
Lebanon (2011)	110	25	*	*	*	22	3	85
Saudi Arabia (2015)	311	54	15	1	3	18	17	257
Africa								
Egypt (2013)	3,861	642	NA	NA	376	NA	266	3,219
Madagascar	206	NA	NA	NA	NA	NA	NA	NA
Mozambique (2013)	13	9	NA	NA	*	NA	9	4
South Africa	1,331	724	345	40	47	144	148	607
Sudan	989	125	NA	NA	27	NA	98	864
Tunisia	357	80	NA	NA	3	NA	77	277
Europe								
EU								
Austria	1,283	856	251	102	25	98	381	428
Belgium	1,444	987	297	57	73	122	438	457
Bulgaria	644	346	74	21	27	71	153	298
Croatia	405	265	59	19	21	52	114	140
Cyprus	27	19	5	3	*	1	10	8



Sex and 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	
Czech Republic	1,422	963	329	71	72	77	414	459
Denmark	1,124	764	238	*	90	111	325	360
Estonia	100	82	39	9	4	9	21	18
Finland	952	629	151	55	23	69	331	323
France	7,553	5,939	3,315	551	*	812	1,261	1,614
Germany	15,349	9,123	4,660	846	288	759	2,570	6,226
Greece	817	470	102	52	43	60	213	347
Hungary	601	376	124	58	34	70	90	225
Ireland	876	453	208	85	9	42	109	423
Italy	5,090	3,343	1,266	102	286	357	1,332	1,747
Latvia	105	74	19	7	3	10	35	31
Lithuania	168	125	35	6	5	13	66	43
Luxembourg	51	38	12	15	*	3	8	13
Malta	16	9	3	*	*	*	6	7
Netherlands	2,386	169	NA	NA	169	NA	NA	2,217
Poland	1,578	889	339	10	67	113	360	689
Portugal	1,891	1,195	283	113	29	218	552	696



Sex and 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	
Canada (2013)	3,873	3,113	1,339	215	104	368	1,086	760
Mexico	3,024	1,337	433	52	81	272	499	1,687
United States	33,760	23,093	9,409	1,536	504	3,708	7,936	10,667
Central America and Caribbean								
Cuba	398	64	NA	NA	23	NA	41	334
South America								
Argentina	915	404	375	NA	29	NA	NA	511
Brazil	7,641	4,626	1,385	168	978	573	1,522	3,015
Chile	330	241	123	7	19	28	65	89
Colombia	249	83	NA	NA	19	NA	64	166
Oceania								
Australia	4,195	2,642	853	212	135	393	1,049	1,553
New Zealand	701	493	200	51	30	55	157	208
Female								
Asia								
Armenia	74	8	NA	NA	*	NA	8	66
Georgia	265	36	NA	NA	3	NA	33	229



Sex and 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	
India ^a	8,578	4,861	2,208	183	551	1,260	659	3,717
Kyrgyzstan	315	23	NA	NA	5	NA	18	292
Malaysia	1,220	241	NA	NA	18	NA	223	979
Mongolia	66	7	NA	NA	7	NA	*	59
Philippines	2,045	139	NA	NA	122	NA	17	1,906
South Korea	4,533	1,359	511	13	83	221	531	3,174
Taiwan	1,178	448	156	11	39	79	163	730
Tajikistan	138	NA	NA	NA	NA	NA	NA	NA
Middle East								
Iran	2,612	350	NA	NA	147	NA	203	2,262
Israel	769	515	336	6	15	122	36	254
Jordan (2015)	204	13	3	*	*	10	*	191
Lebanon (2011)	61	8	*	1	*	6	1	53
Saudi Arabia (2015)	128	28	18	4	*	5	1	100
Africa								
Egypt (2013)	3,016	404	NA	NA	297	NA	107	2,612
Madagascar	171	NA	NA	NA	NA	NA	NA	NA



Sex and 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	
Mozambique (2013)	2	NA	NA	NA	NA	NA	NA	NA
South Africa	939	451	227	15	32	149	28	488
Sudan	471	41	NA	NA	21	NA	20	430
Tunisia	468	77	NA	NA	4	NA	73	391
Europe								
EU								
Austria	924	450	165	12	31	111	131	474
Belgium	1,137	588	207	7	62	144	168	549
Bulgaria	719	360	100	12	20	106	122	359
Croatia	450	299	96	10	29	134	30	151
Cyprus	33	18	9	1	*	5	3	15
Czech Republic	1,062	588	284	8	78	76	142	474
Denmark	1,002	525	135	*	140	102	148	477
Estonia	113	69	32	*	8	14	15	44
Finland	1,061	492	155	15	39	155	128	569
France	6,176	4,084	2,416	185	*	872	611	2,092
Germany	12,798	5,502	3,315	148	546	878	615	7,296



Sex and 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	
Greece	784	398	116	13	40	91	138	386
Hungary	553	283	112	8	33	92	38	270
Ireland	862	380	215	21	11	85	48	482
Italy	5,588	2,842	1,305	32	333	451	721	2,746
Latvia	159	90	15	5	6	27	37	69
Lithuania	243	137	49	5	18	34	31	106
Luxembourg	31	17	5	1	*	11	*	14
Malta	6	4	1	*	*	*	3	2
Netherlands	2,142	171	NA	NA	171	NA	NA	1,971
Poland	1,798	922	395	*	160	166	201	876
Portugal	2,117	1,133	434	44	21	317	317	984
Romania	1,932	903	178	*	119	180	426	1,029
Slovakia	1,082	483	216	11	26	90	140	599
Slovenia	562	352	121	9	68	102	52	210
Spain	5,361	3,105	1,736	125	109	725	410	2,256
Sweden (2013)	1,542	746	272	30	41	126	277	796
United Kingdom	11,757	5,936	3,455	217	163	1,173	928	5,821



Sex and 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	
Argentina	1,173	617	559	NA	58	NA	NA	556
Brazil	9,104	4,498	1,413	56	963	729	1,337	4,606
Chile	276	167	82	2	27	25	31	109
Colombia	159	48	NA	NA	15	NA	33	111
Oceania								
Australia	4,205	2,223	815	99	165	695	449	1,982
New Zealand	713	397	182	19	28	102	67	316

* = nil or negligible; NA = not available.

EU = European Union.

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

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 (2015); Government of India, Ministry of Human Resource Development, Department of Higher Education, All India Survey on Higher Education 2014–15 (2016); Ministry of Education, *Educational Statistics of the Republic of China (Taiwan): 2015* (2016); 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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