

Appendix table 2-39

Earned S&E doctoral degrees, by selected region/country/economy and field: 2010 or most recent year

Region/country/economy	S&E field							Non-S&E
	All fields	All S&E	Physical/ biological sciences	Mathematics/ computer sciences	Agricultural sciences	Social/ behavioral sciences	Engineering	
Asia^a								
Armenia	614	210	111	0	9	31	59	404
China	48,987	31,410	9,638	NA	1,973	2,371	17,428	17,577
Georgia (2007)	605	202	105	0	20	17	60	403
India (2006)	18,730	7,982	5,625	NA	1,299	NA	1,058	10,748
Japan (2009) ^b	15,872	7,396	1,480	NA	1,170	988	3,758	8,476
Kyrgyzstan	559	302	63	31	6	146	56	257
Malaysia (2009)	750	479	153	65	0	114	147	271
Mongolia	136	60	14	2	13	13	18	76
Philippines (2004)	1,748	56	0	13	0	36	7	1,692
South Korea	10,542	4,165	910	185	206	358	2,506	6,377
Taiwan	3,705	2,509	507	134	95	165	1,608	1,196
Tajikistan	295	91	45	0	28	4	14	204
Uzbekistan	809	118	NA	NA	NA	NA	118	691
Thailand	2,989	1,055	534	NA	74	247	200	1,934
Middle East^a								
Iran	4,788	1,685	536	131	203	225	590	3,103
Iraq (2004)	5,056	1,335	285	86	132	38	794	3,721
Israel	1,534	966	507	126	30	175	128	568
Jordan (2009)	472	54	13	9	4	23	5	418
Lebanon	124	21	3	0	0	18	0	103
Saudi Arabia	349	71	16	5	1	42	7	278
Turkey	4,684	2,307	643	209	254	508	693	2,377
Africa^a								
Algeria	7,959	4,108	1,131	625	182	953	1,217	3,851
Cameroon	680	505	242	25	0	218	20	175
Madagascar	565	284	128	26	57	48	25	281
Morocco	6,480	2,970	1,421	403	0	673	473	3,510
Uganda (2004)	1,014	371	22	121	57	153	18	643
Europe^a								
EU								
Austria	2,500	1,301	402	190	29	219	461	1,199
Belgium	2,126	1,216	367	109	52	187	501	910
Bulgaria	596	296	75	16	15	60	130	300
Czech Republic	2,228	1,345	525	136	109	126	449	883
Denmark	1,388	728	0	261	0	134	333	660
Estonia	175	106	54	14	4	9	25	69
Finland	1,750	924	237	89	24	200	374	826

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France (2009)	11,941	8,220	4,631	999	13	1,198	1,379	3,721
Germany	26,039	11,989	6,291	1,363	399	1,422	2,514	14,050
Greece	1,892	1,040	227	184	145	123	361	852
Hungary	1,275	599	303	93	40	63	100	676
Ireland	1,222	672	306	88	19	77	182	550
Italy (2007)	10,188	4,639	2,243	437	NA	NA	1,959	5,549
Latvia	132	73	16	4	7	18	28	59
Lithuania	406	240	66	20	8	65	81	166
Netherlands	3,736	709	NA	NA	NA	NA	709	3,027
Poland (2009)	5,068	862	NA	NA	NA	NA	862	4,206
Portugal	2,927	1,240	348	101	34	358	399	1,687
Romania	4,764	2,307	133	NA	397	745	1,032	2,457
Slovak Republic	2,878	1,314	356	113	105	176	564	1,564
Slovenia	465	293	134	21	10	35	93	172
Spain	8,696	4,674	1,894	511	170	803	1,296	4,022
Sweden	3,371	1,936	574	205	42	272	843	1,435
United Kingdom ^c	18,750	11,055	4,185	1,355	215	2,770	2,530	7,695
Other Europe								
Croatia	838	421	157	32	29	69	134	417
Iceland	36	26	16	3	1	0	6	10
Macedonia	157	37	7	5	0	14	11	120
Norway	1,202	493	0	432	0	55	6	709
Russia ^d	25,652	15,714	4,296	NA	796	6,017	4,605	9,938
Switzerland	3,800	1,754	871	154	35	256	438	2,046
Ukraine (2011)	8,918	4,888	946	360	334	1,673	1,575	4,030
America ^a								
North America								
Canada	5,416	3,814	1,579	349	102	748	1,036	1,602
Mexico	4,167	1,999	850	66	89	587	407	2,168
United States	57,405	32,649	12,610	3,155	982	8,090	7,812	24,756
Central America and Caribbean								
Cuba	617	NA	NA	NA	NA	NA	NA	NA
South America								
Argentina (2009)	937	662	366	74	18	136	68	275
Brazil (2008)	10,705	5,470	2,122	248	1,081	798	1,221	5,235
Chile	423	318	211	14	20	21	52	105
Colombia	202	144	76	8	9	20	31	58
Panama	22	8	0	0	0	8	0	14

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Uruguay	39	36	26	1	0	6	3	3
Oceania ^a								
Australia	5,825	3,131	1,226	272	175	679	779	2,694
New Zealand	987	510	248	59	6	103	94	477

NA = not available.

EU = European Union.

^a Includes only locations for which relatively recent data are available.^b Includes thesis doctorates, called *ronbun hakase*, earned by employees in industry.^c Data are rounded to the nearest 5. Detail may not add to total because of rounding.^d For Russia, mathematics is included with physical/biological sciences.

NOTES: Physical/biological sciences include physical; biological; and earth, atmospheric, and ocean sciences. Data for doctoral degrees use International Standard Classification of Education (ISCED 97), level 6. S&E data do not include health fields.

SOURCES: Organisation for Economic Co-operation and Development (OECD), OECD.Stat Extracts, <http://stats.oecd.org/Index.aspx>; UNESCO, Institute for Statistics, special tabulations (2012); China—*China Statistical Yearbook 2011*; India—University Grants Commission, *Annual Report 2005–06*; Japan—Government of Japan, Ministry of Education, Culture, Sports, Science and Technology, Monbusho Survey of Education, special tabulations (2012), and Division of Higher Education, special tabulations (2012); Taiwan—Ministry of Education, Educational Statistics of the Republic of China: 2010 (2010); United Kingdom—Higher Education Statistics Agency, special tabulations (2012); Russia—State University Higher School of Economics, special tabulations (2012); Brazil—Centro de Gestão e Estudos Estratégicos: Ciência, Tecnologia e Inovação, Doutores 2010: Estudos da demografia da base técnico-científica brasileira, <http://www.cgee.org.br/busca/ConsultaProdutoNcomTopo.php?f=1&idProduto=6401>, accessed November 2012; and United States—National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey; and National Science Foundation, National Center for Science and Engineering Statistics, Integrated Science and Engineering Resources Data System (WebCASPAR), <http://webcaspar.nsf.gov>.