

## Field of first university degrees and ratio of first university and S&amp;E degrees to 24-year-old population, by sex, country/economy, and region: 2002 or most recent year

Sex and location	Field of first university degree							Ratio to 24-year-old population <sup>a</sup>			
	All fields	All S&E fields	Physical/ biological sciences	Mathematics/ computer sciences	Agricultural sciences	Social/ behavioral sciences	Engineering	24-year-olds	First university	NS&E	Social/ behavioral sciences
Male											
Asia											
Bangladesh .....	119,532	51,103	13,861	4,709	1,223	30,532	778	1,162,000	10.3	1.8	2.6
Cambodia (2001) .....	2,327	648	57	245	111	162	73	61,000	3.8	0.8	0.3
Japan (2004) .....	323,025	258,331	14,369	NA	9,094	147,492b	87,376	877,000	36.8	12.6	16.8
Kyrgyzstan .....	10,928	3,455	152	458	175	757	1,913	43,000	25.4	6.3	1.8
Laos .....	1,170	727	34	41	111	376	165	47,000	2.5	0.7	0.8
Mongolia .....	6,062	2,195	189	196	190	423	1,197	24,000	25.3	7.4	1.8
South Korea .....	126,879	73,744	6,593	7,550	3,685	8,373	47,543	400,000	31.7	16.3	2.1
Taiwan (2003) .....	86,153	53,856	2,917	10,398	1,851	2,405	36,285	206,000	41.8	25.0	1.2
Middle East											
Bahrain .....	384	137	10	42	NA	15	70	7,000	5.5	1.7	0.2
Iran (2000) .....	37,530	20,103	2,529	1,736	2,787	4,776	8,275	636,000	5.9	2.4	0.8
Israel .....	12,493	7,674	515	1,628	102	2,399	3,030	54,000	23.1	9.8	4.4
Lebanon (2000) .....	4,778	1,309	348	254	10	326	371	39,000	12.3	2.5	0.8
Morocco .....	11,640	4,285	1,424	597	0	1,799	465	287,000	4.1	0.9	0.6
Oman (2000) .....	1,353	146	36	0	5	0	105	21,000	6.4	0.7	0.0
Palestine .....	4,786	1,482	166	413	27	352	524	28,000	17.1	4.0	1.3
Qatar .....	365	128	10	34	NA	8	76	4,000	9.1	3.0	0.2
Turkey .....	80,759	34,134	4,786	3,169	3,357	10,290	12,532	705,000	11.5	3.4	1.5
Sub-Saharan Africa											
Eritrea .....	983	484	69	57	110	73	175	34,000	2.9	1.2	0.2
Ethiopia .....	21,407	5,188	321	747	1,474	588	2,058	558,000	3.8	0.8	0.1
Ghana (2000) .....	5,232	2,227	694	0	294	801	438	138,000	3.8	1.0	0.6
Kenya (2000) .....	9,151	2,821	861	57	1,023	226	654	306,000	3.0	0.8	0.1
Madagascar .....	3,095	1,343	476	151	25	513	178	134,000	2.3	0.6	0.4
Mauritius .....	584	363	69	0	33	56	205	11,000	5.3	2.8	0.5
Tanzania (2000) .....	3,015	918	NA	73	237	64	544	293,000	1.0	0.3	0.0
Uganda (2000) .....	12,931	892	240	40	92	322	198	196,000	6.6	0.3	0.2
Europe											
Austria .....	8,514	3,931	408	445	113	422	2,543	47,000	18.1	7.5	0.9
Belgium .....	12,021	5,428	780	614	253	841	2,940	65,000	18.5	7.1	1.3
Denmark .....	7,892	2,555	357	141	92	644	1,321	34,000	23.2	5.6	1.9
Finland .....	11,844	7,624	381	778	353	521	5,591	34,000	34.8	20.9	1.5
France .....	130,849	63,497	13,254	9,779	147	9,099	31,218	371,000	35.3	14.7	2.5
Germany (2003) .....	98,258	62,919	5,235	8,017	2,340	24,375	22,952	481,000	20.4	8.0	5.1
Hungary .....	19,336	6,380	291	581	922	1,072	3,514	85,000	22.7	6.2	1.3

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Iceland .....	576	246	38	93	11	47	57	2,000	28.8	10.0	2.4
Ireland .....	9,004	4,276	882	1,328	141	400	1,525	33,000	27.3	11.7	1.2
Italy .....	74,623	36,087	4,327	2,266	1,252	6,132	22,110	351,000	21.3	8.5	1.7
Netherlands .....	33,742	13,562	1,419	1,463	799	2,558	7,323	98,000	34.4	11.2	2.6
Norway .....	8,353	3,781	69	959	96	1,173	1,484	28,000	29.8	9.3	4.2
Portugal .....	20,350	8,523	654	736	376	1,328	5,429	77,000	26.4	9.3	1.7
Spain .....	86,306	40,716	4,328	6,398	2,947	5,347	21,696	336,000	25.7	10.5	1.6
Sweden .....	14,161	8,169	519	942	103	844	5,761	53,000	26.7	13.8	1.6
Switzerland .....	9,959	4,246	686	599	88	382	2,491	40,000	24.9	9.7	1.0
United Kingdom <sup>c</sup> (2003) .....	124,430	59,210	13,890	16,860	990	11,160	16,310	367,000	33.9	13.1	3.0
Central/Eastern Europe											
Albania .....	1,387	363	7	18	164	21	153	29,000	4.8	1.2	0.1
Armenia (2000) .....	4,662	1,047	NA	NA	246	NA	801	31,000	15.0	3.4	NA
Bulgaria .....	18,041	7,690	415	483	345	2,499	3,948	63,000	28.6	8.2	4.0
Croatia .....	4,125	1,765	164	276	141	164	1,020	31,000	13.3	5.2	0.5
Czech Republic .....	12,829	7,284	557	2,317	617	850	2,943	90,000	14.3	7.1	0.9
Estonia .....	1,806	816	122	167	66	93	368	10,000	18.1	7.2	0.9
Georgia .....	10,870	3,668	192	141	315	45	2,975	38,000	28.6	9.5	0.1
Latvia .....	4,596	2,128	144	514	89	612	769	15,000	30.6	10.1	4.1
Lithuania .....	8,266	3,868	258	520	191	268	2,631	24,000	34.4	15.0	1.1
Macedonia .....	1,630	664	49	44	110	38	423	17,000	9.6	3.7	0.2
Poland .....	97,352	41,806	2,207	3,993	2,374	11,399	21,833	317,000	30.7	9.6	3.6
Romania .....	44,979	18,030	1,049	921	1,105	1,836	13,119	203,000	22.2	8.0	0.9
Slovak Republic .....	11,673	5,477	464	945	555	486	3,027	48,000	24.3	10.4	1.0
Slovenia .....	2,406	1,054	82	101	54	280	537	16,000	15.0	4.8	1.8
North America											
Canada .....	51,215	28,205	4,695	4,670	1,030	10,040	7,770	219,000	23.4	8.3	4.6
Costa Rica (2000) .....	1,749	702	58	149	127	107	261	34,000	5.1	1.8	0.3
Cuba (2000) .....	5,702	1,802	208	155	267	136	1,036	88,000	6.5	1.9	0.2
El Salvador .....	3,160	716	26	121	95	13	461	69,000	4.6	1.0	0.0
Guatemala .....	2,105	511	24	0	122	40	325	108,000	1.9	0.4	0.0
Mexico .....	152,217	60,660	3,443	13,543	3,237	6,727	33,710	867,000	17.6	6.2	0.8
Panama .....	4,614	1,403	36	0	60	207	1,100	26,000	17.7	4.6	0.8
United States .....	553,957	204,408	34,389	42,142	8,726	71,199	47,952	1,960,000	28.3	6.8	3.6
South America											
Argentina .....	25,326	9,076	617	1,869	1,170	1,127	4,293	343,000	7.4	2.3	0.3
Brazil (2001) .....	148,991	44,729	5,082	12,589	3,247	6,409	17,402	1,653,000	9.0	2.3	0.4

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Oceania											
Australia.....	59,433	24,637	3,763	8,588	642	2,611	9,033	134,000	44.4	16.4	1.9
New Zealand.....	8,114	3,508	577	1,174	154	681	922	27,000	30.1	10.5	2.5
Female											
Asia											
Bangladesh.....	60,726	23,741	5,044	889	246	17,470	92	1,149,000	5.3	0.5	1.5
Cambodia (2001).....	778	140	37	45	2	55	1	62,000	1.3	0.1	0.1
Japan (2004).....	225,872	92,968	5,358	NA	6,771	69,784b	11,055	836,000	27.0	2.8	8.3
Kyrgyzstan.....	15,333	3,145	508	582	26	1,138	891	43,000	35.7	4.7	2.6
Laos.....	592	337	17	10	28	266	16	46,000	1.3	0.2	0.6
Mongolia.....	10,868	2,923	288	233	302	958	1,142	24,000	45.3	8.2	4.0
South Korea.....	117,973	39,353	6,271	6,041	2,225	7,417	17,399	378,000	31.2	8.4	2.0
Taiwan (2003).....	89,891	18,684	1,377	5,393	2,165	4,087	5,662	196,000	45.9	7.4	2.1
Middle East											
Bahrain.....	1,050	282	44	117	NA	81	40	6,000	17.5	3.4	1.4
Iran (2000).....	31,681	13,522	3,487	1,565	1,998	4,766	1,706	669,000	4.7	1.3	0.7
Israel.....	19,469	8,480	741	896	122	5,734	987	52,000	37.4	5.3	11.0
Lebanon (2000).....	6,616	1,650	326	164	18	1,036	106	38,000	17.4	1.6	2.7
Morocco.....	10,027	2,416	884	167	0	1,170	195	278,000	3.6	0.4	0.4
Oman (2000).....	991	71	15	7	40	0	9	20,000	5.0	0.4	0.0
Palestine.....	5,129	1,255	300	342	18	378	217	27,000	19.0	3.2	1.4
Qatar.....	965	153	44	64	NA	45	0	4,000	24.1	2.7	1.1
Turkey.....	59,872	19,204	4,801	2,208	1,844	6,716	3,635	681,000	8.8	1.8	1.0
Sub-Saharan Africa											
Eritrea.....	137	52	8	11	6	17	10	35,000	0.4	0.1	0.0
Ethiopia.....	7,281	792	34	256	261	102	139	530,000	1.4	0.1	0.0
Ghana (2000).....	1,890	724	222	0	68	376	58	154,000	1.2	0.2	0.2
Kenya (2000).....	5,470	1,049	259	14	471	219	86	300,000	1.8	0.3	0.1
Madagascar.....	2,852	736	295	39	28	323	51	134,000	2.1	0.3	0.2
Mauritius.....	623	353	88	0	50	132	83	11,000	5.7	2.0	1.2
Tanzania (2000).....	1,079	153	NA	14	62	24	53	294,000	0.4	0.0	0.0
Uganda (2000).....	2,370	699	54	16	29	494	106	195,000	1.2	0.1	0.3
Europe											
Austria.....	8,312	2,120	439	103	104	945	529	46,000	18.1	2.6	2.1
Belgium.....	12,570	3,403	747	149	189	1,577	741	63,000	20.0	2.9	2.5
Denmark.....	15,162	1,390	250	68	91	681	300	33,000	45.9	2.1	2.1
Finland.....	19,981	3,883	549	519	316	1,057	1,442	33,000	60.5	8.6	3.2

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France.....	178,160	48,380	14,496	4,928	159	18,794	10,003	366,000	48.7	8.1	5.1
Germany (2003).....	96,845	35,941	5,703	3,019	2,874	20,443	3,902	459,000	21.1	3.4	4.5
Hungary.....	31,169	4,313	290	111	942	1,725	1,245	83,000	37.6	3.1	2.1
Iceland.....	1,112	207	55	25	0	104	23	2,000	55.6	5.2	5.2
Ireland.....	12,748	3,274	1,311	694	75	806	388	33,000	38.6	7.5	2.4
Italy.....	97,183	26,755	5,323	2,225	583	10,569	8,055	336,000	28.9	4.8	3.1
Netherlands.....	41,403	5,798	790	273	589	3,102	1,044	95,000	43.6	2.8	3.3
Norway.....	14,336	1,926	62	287	44	1,095	438	27,000	53.1	3.1	4.1
Portugal.....	43,280	8,352	1,175	805	621	2,963	2,788	76,000	56.9	7.1	3.9
Spain.....	125,673	30,112	6,077	2,956	1,918	10,063	9,098	324,000	38.8	6.2	3.1
Sweden.....	22,594	5,683	924	695	113	1,641	2,310	50,000	45.2	8.1	3.3
Switzerland.....	7,887	1,650	398	46	37	812	357	38,000	20.8	2.2	2.1
United Kingdom <sup>c</sup> (2003).....	157,950	44,900	13,410	6,480	1,720	20,140	3,150	345,000	45.8	7.2	5.8
Central/Eastern Europe											
Albania.....	3,529	427	31	45	175	111	65	26,000	13.6	1.2	0.4
Armenia (2000).....	5,544	296	0	0	89	0	207	30,000	18.5	1.0	0.0
Bulgaria.....	25,262	7,646	590	555	261	3,746	2,494	60,000	42.1	6.5	6.2
Croatia.....	6,067	1,371	374	138	136	288	435	30,000	20.2	3.6	1.0
Czech Republic.....	14,216	4,287	635	353	494	1,450	1,355	87,000	16.3	3.3	1.7
Estonia.....	3,444	807	172	94	68	235	238	9,000	38.3	6.4	2.6
Georgia.....	12,682	2,437	733	178	143	150	1,233	37,000	34.3	6.2	0.4
Latvia.....	10,636	2,971	317	280	81	1,988	305	15,000	70.9	6.6	13.3
Lithuania.....	14,441	3,163	353	405	213	753	1,439	24,000	60.2	10.0	3.1
Macedonia.....	2,609	540	119	89	76	74	182	16,000	16.3	2.9	0.5
Poland.....	163,601	41,967	5,343	2,370	2,878	24,588	6,788	313,000	52.3	5.6	7.9
Romania.....	55,063	15,399	3,019	1,064	804	4,556	5,956	195,000	28.2	5.6	2.3
Slovak Republic.....	13,223	3,350	664	195	306	794	1,391	47,000	28.1	5.4	1.7
Slovenia.....	4,095	1,014	114	22	57	602	219	15,000	27.3	2.7	4.0
North America											
Canada.....	77,490	31,635	6,860	1,875	1,340	19,220	2,340	211,000	36.7	5.9	9.1
Costa Rica (2000).....	2,644	372	46	65	40	157	64	34,000	7.8	0.6	0.5
Cuba (2000).....	11,067	958	187	64	117	272	318	81,000	13.7	0.8	0.3
El Salvador.....	3,659	366	49	75	26	5	211	68,000	5.4	0.5	0.0
Guatemala.....	1,760	371	58	0	12	214	87	106,000	1.7	0.1	0.2
Mexico.....	169,582	39,276	4,252	10,014	1,144	12,894	10,972	976,000	17.4	2.7	1.3
Panama.....	9,772	1,189	37	0	27	474	651	25,000	39.1	2.9	1.9
United States.....	751,773	211,203	45,379	19,266	8,634	125,237	12,687	1,891,000	39.8	4.5	6.6

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South America											
Argentina .....	29,952	7,258	1,199	1,266	859	2,575	1,359	338,000	8.9	1.4	0.8
Brazil (2001).....	246,997	38,147	6,995	6,535	1,523	15,186	7,908	1,658,000	14.9	1.4	0.9
Oceania											
Australia.....	78,444	16,495	4,782	3,115	478	5,486	2,634	131,000	59.9	8.4	4.2
New Zealand.....	13,171	3,209	754	546	66	1,400	443	27,000	48.8	6.7	5.2

NA = not available

NS&amp;E = natural sciences and engineering

<sup>a</sup>Number of degrees per 100 24-year-olds.<sup>b</sup>Japanese social science data include business administration.<sup>c</sup>Includes former colleges and polytechnical institutions. Data for United Kingdom are rounded to nearest 10. Detail may not add to total because of rounding. Ratios are based on unrounded data.

NOTES: Physical/biological sciences include physical, biological, earth, atmospheric, and ocean sciences. NS&amp;E includes natural, agricultural, and computer sciences; mathematics; and engineering. Data for first university degrees use International Standard Classification of Education (ISCED 97), level 5A. Long (&gt;5 years) and short (&lt;5 years) first university degrees are combined.

SOURCES: Organisation for Economic Co-operation and Development, Center for Education Research and Innovation, Education database, [http://www1.oecd.org/scripts/cde/members/EDU\\_UOEAuthenticate.asp](http://www1.oecd.org/scripts/cde/members/EDU_UOEAuthenticate.asp); United Nations Educational, Scientific, and Cultural Organization (UNESCO), Institute for Statistics, special tabulations; Japan—Government of Japan, Ministry of Education, Culture and Science, *Monbusho Survey of Education*, special tabulations (2005); Taiwan—Ministry of Education, *Educational Statistics of the Republic of China: 2004* (2004); Germany—Federal Statistical Office, *Prüfungen an Hochschulen 2003* (2004); United Kingdom—Higher Education Statistics Agency, special tabulations (2005); Russia—Center for Science Research and Statistics, special tabulations (2001); and United States—U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey; and National Science Foundation, Division of Science Resources Statistics, Integrated Science and Engineering Resources Data System (WebCASPAR), <http://webcaspar.nsf.gov>.

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