

## First university degrees and ratio of first university degrees and S&amp;E degrees to 24-year-old population, by sex, in selected locations, by region: 2000 or most recent year (revised)

Sex, region and location	All first university degrees	All S&E	Natural sciences <sup>a</sup>	Mathematics/computer sciences	Agricultural sciences	Social/behavioral sciences <sup>b</sup>	Engineering	24-year-olds	First university degrees	NS&E degrees	Social/behavioral science degrees
											Ratio to 24-year-old population <sup>c</sup>
Male											
Number											
Ratio to 24-year-old population <sup>c</sup>											
Asia											
Cambodia .....	1,817	415	67	98	64	109	77	77,800	2.3	0.39	0.14
Japan (2001).....	335,850	275,451	10,110	3,761	7,854	160,525	93,201	880,400	38.1	13.05	18.23
Kyrgyzstan .....	7,915	3,281	805	171	297	710	1,298	44,000	18.0	5.84	1.61
Laos .....	1,135	314	42	20	81	15	156	47,400	2.4	0.63	0.03
South Korea .....	113,573	63,881	6,843	4,289	3,805	6,729	42,215	403,200	28.2	14.17	1.67
Taiwan (2001) .....	59,091	35,661	2,466	6,268	1,482	2,225	23,220	197,531	29.9	16.93	1.13
Middle East											
Iran .....	37,530	20,103	2,529	1,736	2,787	4,776	8,275	700,600	5.4	2.19	0.68
Israel .....	11,625	6,986	413	1,344	85	3,034	2,110	52,600	22.1	7.51	5.77
Lebanon .....	4,778	1,309	348	254	10	326	371	31,800	15.0	3.09	1.03
Morocco .....	15,863	5,529	1,886	800	337	2,365	141	300,600	5.3	1.05	0.79
Oman .....	1,353	146	36	0	5	0	105	29,200	4.6	0.50	0.00
Palestine .....	4,550	1,443	195	381	49	415	403	28,400	16.0	3.62	1.46
Qatar .....	353	158	46	15	0	29	68	3,600	9.8	3.58	0.81
Turkey .....	69,775	31,118	4,397	2,469	3,046	9,262	11,944	673,600	10.4	3.24	1.38
Sub-Saharan Africa											
Eritrea .....	676	330	60	44	64	10	152	33,400	2.0	0.96	0.03
Ethiopia .....	13,122	3,254	234	202	1,240	426	1,152	574,400	2.3	0.49	0.07
Ghana .....	5,232	2,227	694	0	294	801	438	188,600	2.8	0.76	0.42
Kenya .....	9,151	2,821	861	57	1,023	226	654	312,000	2.9	0.83	0.07
Uganda .....	12,931	892	240	40	92	322	198	212,600	6.1	0.27	0.15
Tanzania .....	3,015	918	NA	73	237	64	544	323,200	0.9	0.26	0.02
Europe											
Austria .....	7,939	3,487	407	442	138	355	2,145	47,600	16.7	6.58	0.75
Belgium .....	11,273	5,052	829	391	292	859	2,681	63,600	17.7	6.59	1.35
Denmark .....	3,277	1,291	238	145	85	800	23	33,200	9.9	1.48	2.41
Finland .....	10,319	6,940	432	542	308	521	5,137	33,400	30.9	19.22	1.56
France .....	119,281	64,647	16,616	10,002	1,031	10,427	26,571	388,600	30.7	13.95	2.68
Germany (2001).....	96,418	60,037	5,536	6,584	2,218	21,839	23,860	460,200	21.0	8.30	4.75
Hungary .....	18,810	6,314	278	461	868	868	3,839	84,800	22.2	6.42	1.02
Iceland .....	469	192	30	45	9	38	70	2,200	21.3	7.00	1.73
Ireland .....	8,640	3,824	955	887	130	213	1,639	35,200	24.5	10.26	0.61
Italy .....	66,568	32,883	3,910	2,354	946	5,350	20,323	370,200	18.0	7.44	1.45
Netherlands .....	32,084	13,001	1,440	1,121	960	2,692	6,788	95,400	33.6	10.81	2.82
Norway .....	8,041	3,147	77	657	108	1,071	1,234	27,800	28.9	7.47	3.85
Spain .....	85,347	37,984	4,696	5,919	2,717	4,829	19,823	325,600	26.2	10.18	1.48
Sweden .....	13,551	7,333	513	740	121	772	5,187	52,400	25.9	12.52	1.47
Switzerland .....	11,084	4,581	775	281	134	421	2,970	39,200	28.3	10.61	1.07
United Kingdom <sup>d</sup> (1999).....	121,680	54,990	15,450	10,750	1,260	8,770	18,760	357,800	34.0	12.92	2.45
Central/Eastern Europe											
Czech Republic.....	12,441	7,142	510	1,899	660	945	3,128	89,000	14.0	6.96	1.06
Albania .....	1,155	192	28	28	14	86	36	55,200	2.1	0.19	0.16
Armenia .....	4,662	1,047	NA	NA	246	NA	801	26,000	17.9	4.03	NA
Bulgaria.....	6,118	1,781	43	159	122	1,330	127	62,600	9.8	0.72	2.12

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											Ratio to 24-year-old population <sup>c</sup>
Number									Ratio to 24-year-old population <sup>c</sup>		
Croatia .....	7,866	2,607	401	429	271	191	1,315	32,600	24.1	7.41	0.59
Estonia .....	800	167	10	13	8	18	118	10,200	7.8	1.46	0.18
Georgia .....	8,800	2,770	300	43	225	27	2,175	40,400	21.8	6.79	0.07
North America											
Canada .....	51,805	25,434	4,470	3,886	644	8,937	7,497	210,000	24.7	7.86	4.26
Costa Rica .....	1,749	702	58	149	127	107	261	36,200	4.8	1.64	0.30
Cuba .....	5,702	1,802	208	155	267	136	1,036	76,200	7.5	2.19	0.18
Mexico .....	66,488	28,961	867	5,103	2,499	2,259	18,233	972,000	6.8	2.75	0.23
United States .....	536,158	197,669	37,966	33,045	9,780	69,558	47,320	1,889,200	28.4	6.78	3.68
Oceania											
Australia .....	48,187	18,178	3,942	4,214	657	1,872	7,493	137,600	35.0	11.85	1.36
New Zealand .....	7,572	2,403	1,259	265	137	110	632	25,400	29.8	9.03	0.43
Female											
Asia											
Cambodia .....	745	110	39	27	4	39	1	79,200	0.9	0.09	0.05
Japan (2001) .....	209,632	83,826	4,082	1,204	6,488	60,775	11,277	839,000	25.0	2.75	7.24
Kyrgyzstan .....	8,839	3,229	1,231	303	65	903	727	43,600	20.3	5.33	2.07
Laos .....	591	75	21	10	19	8	17	46,600	1.3	0.14	0.02
South Korea .....	100,925	32,978	6,584	5,010	2,054	5,037	14,293	380,400	26.5	7.35	1.32
Taiwan (2001) .....	58,339	12,963	1,218	3,123	1,718	3,537	3,367	187,363	31.1	5.03	1.89
Middle East											
Iran .....	31,681	13,522	3,487	1,565	1,998	4,766	1,706	670,400	4.7	1.31	0.71
Israel .....	18,642	7,273	532	710	86	5,293	652	49,600	37.6	3.99	10.67
Lebanon .....	6,616	1,650	326	164	18	1,036	106	31,400	21.1	1.96	3.30
Morocco .....	12,415	3,229	1,141	311	90	1,444	243	290,000	4.3	0.62	0.50
Oman .....	991	71	15	7	40	0	9	22,200	4.5	0.32	0.00
Palestine .....	4,093	1,172	318	377	17	331	129	26,600	15.4	3.16	1.24
Qatar .....	967	195	92	47	0	56	0	3,000	32.2	4.63	1.87
Turkey .....	49,107	17,951	4,347	1,807	1,867	6,281	3,649	644,400	7.6	1.81	0.97
Sub-Saharan Africa											
Eritrea .....	114	30	10	2	10	1	7	33,600	0.3	0.09	0.00
Ethiopia .....	3,725	410	30	31	164	110	75	578,000	0.6	0.05	0.02
Ghana .....	1,890	724	222	0	68	376	58	188,200	1.0	0.18	0.20
Kenya .....	5,470	1,049	259	14	471	219	86	315,000	1.7	0.26	0.07
Uganda .....	2,370	699	54	16	29	494	106	213,800	1.1	0.10	0.23
Tanzania .....	1,079	153	NA	14	62	24	53	327,600	0.3	0.04	0.01
Europe											
Austria .....	7,193	1,691	345	80	98	702	466	44,800	16.1	2.21	1.57
Belgium .....	11,253	3,159	622	128	206	1,537	666	61,600	18.3	2.63	2.50
Denmark .....	3,458	1,073	221	64	86	684	18	31,800	10.9	1.22	2.15
Finland .....	14,950	3,243	563	304	224	996	1,156	32,200	46.4	6.98	3.09
France .....	156,035	51,513	16,895	5,040	1,226	20,630	7,722	373,600	41.8	8.27	5.52
Germany (2001) .....	86,909	29,953	5,007	2,603	2,660	16,341	3,342	432,600	20.1	3.15	3.78
Hungary .....	28,168	3,309	238	89	791	1,155	1,036	81,000	34.8	2.66	1.43
Iceland .....	971	177	57	13	0	84	23	2,000	48.6	4.65	4.20
Ireland .....	10,767	2,856	1,276	518	66	577	419	33,800	31.9	6.74	1.71

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Italy .....	84,109	24,380	4,975	2,473	399	9,171	7,362	356,400	23.6	4.27	2.57
Netherlands .....	37,725	5,192	797	214	451	2,769	961	91,600	41.2	2.65	3.02
Norway .....	14,380	1,707	63	116	98	973	457	26,600	54.1	2.76	3.66
Spain .....	122,231	27,829	6,212	3,091	2,022	9,146	7,358	311,600	39.2	6.00	2.94
Sweden .....	20,546	4,521	743	523	110	1,398	1,747	49,800	41.3	6.27	2.81
Switzerland .....	7,944	1,564	365	56	39	775	329	37,400	21.2	2.11	2.07
United Kingdom <sup>d</sup> (1999).....	142,000	37,390	16,780	3,880	1,600	11,890	3,250	338,800	41.9	7.53	3.51
Central/Eastern Europe											
Czech Republic.....	13,103	3,892	569	250	408	1,485	1,180	85,400	15.3	2.82	1.74
Albania .....	669	236	9	14	28	43	142	52,400	1.3	0.37	0.08
Armenia .....	5,544	296	0	0	89	0	207	25,600	21.7	1.16	0.00
Bulgaria.....	14,048	3,046	29	250	83	2,576	108	59,800	23.5	0.79	4.31
Croatia .....	981	396	64	57	38	25	212	31,400	3.1	1.18	0.08
Estonia .....	1,472	122	27	8	1	69	17	9,800	15.0	0.54	0.70
Georgia .....	10,997	2,054	695	127	221	83	928	39,200	28.1	5.03	0.21
North America											
Canada .....	75,326	27,916	5,883	1,538	592	17,723	2,180	200,600	37.6	5.08	8.83
Costa Rica .....	2,644	372	46	65	40	157	64	34,600	7.6	0.62	0.45
Cuba .....	11,067	958	187	64	117	272	318	73,000	15.2	0.94	0.37
Mexico .....	68,745	13,088	834	4,486	738	1,079	5,951	1,007,000	6.8	1.19	0.11
United States .....	716,963	200,953	45,565	16,078	8,464	118,630	12,216	1,822,200	39.3	4.52	6.51
Oceania											
Australia.....	64,558	11,681	4,581	1,551	459	3,046	2,044	131,600	49.1	6.56	2.31
New Zealand.....	13,396	1,926	1,089	127	59	298	353	24,000	55.8	6.78	1.24

NA not available

NS&amp;E natural sciences and engineering

<sup>a</sup>Includes physical, biological, earth, atmospheric, and ocean sciences.<sup>b</sup>Japanese social science data also include business administration.<sup>c</sup>Number of degrees per 100 24-year-olds.<sup>d</sup>Includes former colleges and polytechnics. Data for the United Kingdom were revised. Data are now rounded to the nearest 10. Detail may not sum to total because of rounding. Ratios are based on unrounded data.

NOTES: NS&amp;E degrees include natural, agricultural, and computer sciences; mathematics; and engineering. Data for first university degrees use the International Standard Classification of Education (ISCED 97), level 5A. Long (more than 5 years) and short (less than 5 years) first university degrees are combined.

SOURCES: Organisation for Economic Co-operation and Development, Center for Education Research and Innovation, *Education at a Glance 2002*; United Nations Educational, Scientific, and Cultural Organization (UNESCO), UNESCO Institute for Statistics database, <http://www.unesco.org/statistics>; Japan—Government of Japan, Ministry of Education, Culture and Science, *Monbusho Survey of Education* (Tokyo) and special tabulations 2003; Taiwan—Ministry of Education, *Educational Statistics of the Republic of China: 2002* (Taipei, 2002); Germany—Federal Statistical Office, *Prüfungen an Hochschulen 2001* (Wiesbaden, 2002); United Kingdom—Higher Education Statistics Agency (Cheltenham, 2003), special tabulations; Russia—Center for Science Research and Statistics, special tabulations (2001); Mexico—National Association of Universities and Institutions of Higher Education, *Anuario Estadístico 2001: Población Escolar de Nivel Licenciatura en Universidades e Institutos Tecnológicos, 2002*; and United States—National Science Foundation, Division of Science Resources Statistics, WebCASPAR database system, <http://caspar.nsf.gov>.