

Table 28.—Degrees conferred by institutions of higher education, by sex and level: 1869–70 to 1989–90

Year	Bachelor's degrees					Master's degrees (includes second-professional for years prior to 1959–60)				First-professional degrees			Doctor's degrees				
	Total	Male	Female	Per 1,000 persons 23 years old	Per 100 high school graduates 4 years earlier	Total	Male	Female	Per 100 bachelor's degrees 2 years earlier	Total	Male	Female	Total	Male	Female	Total lapse time in years, bachelor's to doctor's	Per 1,000 bachelor's degrees x-years earlier ¹
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1869–70	² 9,371	² 7,993	² 1,378	—	—	—	—	—	—	(³)	(³)	(³)	1	1	0	—	—
1870–71	² 12,357	² 10,484	² 1,873	—	—	—	—	—	—	(³)	(³)	(³)	13	—	—	—	—
1871–72	² 7,852	² 6,626	² 1,226	—	—	794	—	—	8	(³)	(³)	(³)	14	—	—	—	—
1872–73	² 10,807	² 9,070	² 1,737	—	—	890	—	—	7	(³)	(³)	(³)	26	—	—	—	—
1873–74	² 11,493	² 9,593	² 1,900	—	—	860	—	—	11	(³)	(³)	(³)	13	—	—	—	—
1874–75	² 11,932	² 9,905	² 2,027	—	—	661	—	—	6	(³)	(³)	(³)	23	—	—	—	—
1875–76	² 12,005	² 9,911	² 2,094	—	—	835	—	—	7	(³)	(³)	(³)	31	—	—	—	—
1876–77	² 10,145	² 8,329	² 1,816	—	—	731	—	—	6	(³)	(³)	(³)	39	—	—	—	—
1877–78	² 11,533	² 9,416	² 2,117	—	—	816	—	—	7	(³)	(³)	(³)	32	—	—	—	3.4
1878–79	² 12,081	² 9,808	² 2,273	—	—	919	—	—	9	(³)	(³)	(³)	36	—	—	—	2.9
1879–80	² 12,896	² 10,411	² 2,485	—	—	879	868	11	8	(³)	(³)	(³)	54	51	3	—	5.7
1880–81	² 14,871	² 12,035	² 2,836	—	—	922	—	—	8	(³)	(³)	(³)	37	—	—	—	3.7
1881–82	² 14,998	² 12,168	² 2,830	—	—	884	—	—	7	(³)	(³)	(³)	46	—	—	—	3.7
1882–83	² 15,116	² 12,294	² 2,822	—	—	863	—	—	6	(³)	(³)	(³)	50	—	—	—	4.2
1883–84	² 12,765	² 10,408	² 2,357	—	53	901	—	—	6	(³)	(³)	(³)	66	—	—	—	3.8
1884–85	² 14,734	² 12,043	² 2,691	—	59	1,071	—	—	7	(³)	(³)	(³)	77	—	—	—	5.8
1885–86	² 13,097	² 10,731	² 2,366	—	48	859	—	—	7	(³)	(³)	(³)	84	—	—	—	2.9
1886–87	² 13,402	² 11,008	² 2,394	—	48	923	—	—	6	(³)	(³)	(³)	77	—	—	—	6.4
1887–88	² 15,256	² 12,562	² 2,694	—	49	987	—	—	8	(³)	(³)	(³)	140	—	—	—	6.1
1888–89	² 15,020	² 12,397	² 2,623	—	47	1,161	—	—	9	(³)	(³)	(³)	124	—	—	—	8.1
1889–90	² 15,539	² 12,857	² 2,682	—	47	1,015	821	194	7	(³)	(³)	(³)	149	147	2	—	9.0
1890–91	² 16,840	² 13,902	² 2,938	—	53	776	—	—	5	(³)	(³)	(³)	187	—	—	—	9.2
1891–92	² 16,802	² 13,840	² 2,962	—	51	730	—	—	5	(³)	(³)	(³)	190	—	—	—	13.0
1892–93	² 18,667	² 15,342	² 3,325	—	49	1,104	—	—	7	(³)	(³)	(³)	218	—	—	—	13.2
1893–94	² 21,850	² 17,917	² 3,933	—	50	1,223	1,013	210	7	(³)	(³)	(³)	279	261	18	—	18.5
1894–95	² 24,106	² 19,723	² 4,383	—	56	1,334	1,124	210	7	(³)	(³)	(³)	272	247	25	—	18.3
1895–96	² 24,593	² 20,076	² 4,517	—	46	1,478	1,213	265	7	(³)	(³)	(³)	271	236	35	—	16.0
1896–97	² 25,231	² 20,550	² 4,681	—	43	1,413	1,163	250	6	(³)	(³)	(³)	319	299	20	—	19.8
1897–98	² 25,052	² 20,358	² 4,694	—	37	1,440	1,188	252	6	(³)	(³)	(³)	324	285	39	—	15.2
1898–99	² 25,980	² 21,064	² 4,916	—	36	1,542	1,275	267	6	(³)	(³)	(³)	345	327	18	—	13.3
1899–1900	² 27,410	² 22,173	² 5,237	² 19	² 36	1,583	1,280	303	6	(³)	(³)	(³)	382	359	23	—	14.2
1900–01	² 28,681	² 23,099	² 5,582	² 19	² 36	1,744	1,405	339	7	(³)	(³)	(³)	365	334	31	—	13.7
1901–02	² 28,966	² 23,225	² 5,741	² 19	² 34	1,858	1,464	394	7	(³)	(³)	(³)	293	264	29	—	10.2
1902–03	² 29,907	² 23,872	² 6,035	² 19	² 33	1,718	1,385	333	6	(³)	(³)	(³)	337	302	35	—	11.2
1903–04	² 30,501	² 24,237	² 6,264	² 19	² 32	1,679	1,340	339	6	(³)	(³)	(³)	334	302	32	—	11.8
1904–05	² 31,519	² 24,934	² 6,585	² 19	² 32	1,925	1,538	387	6	(³)	(³)	(³)	369	341	28	—	12.9
1905–06	² 32,019	² 25,215	² 6,804	² 19	² 32	1,787	1,366	421	6	(³)	(³)	(³)	383	358	25	—	13.0
1906–07	² 32,234	² 25,269	² 6,965	² 19	² 31	1,619	1,215	404	5	(³)	(³)	(³)	349	320	29	—	12.6
1907–08	² 33,800	² 26,376	² 7,424	² 19	² 30	1,971	1,511	460	6	(³)	(³)	(³)	391	339	52	—	13.8
1908–09	² 37,892	² 29,433	² 8,459	² 21	² 32	2,188	1,713	475	7	(³)	(³)	(³)	451	397	54	—	13.6
1909–10	² 37,199	² 28,762	² 8,437	² 20	² 30	2,113	1,555	558	6	(³)	(³)	(³)	443	399	44	—	12.5

Table 28.—Degrees conferred by institutions of higher education, by sex and level: 1869–70 to 1989–90—Continued

Year	Bachelor's degrees					Master's degrees (includes second-professional for years prior to 1959–60)				First-professional degrees			Doctor's degrees				
	Total	Male	Female	Per 1,000 persons 23 years old	Per 100 high school graduates 4 years earlier	Total	Male	Female	Per 100 bachelor's degrees 2 years earlier	Total	Male	Female	Total	Male	Female	Total lapse time in years, bachelor's to doctor's	Per 1,000 bachelor's degrees x-years earlier ¹
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1910–11	² 37,481	² 28,547	² 8,934	² 20	² 30	2,456	1,821	635	6	(³)	(³)	(³)	497	449	48	—	14.9
1911–12	² 39,408	² 29,560	² 9,848	² 21	² 30	3,035	2,215	820	8	(³)	(³)	(³)	500	436	64	—	15.9
1912–13	² 42,396	² 31,312	² 11,084	² 23	² 30	3,025	2,021	1,004	8	(³)	(³)	(³)	538	481	57	—	14.9
1913–14	² 44,268	² 32,183	² 12,085	² 24	² 28	3,270	2,256	1,014	8	(³)	(³)	(³)	559	486	73	—	15.7
1914–15	² 43,912	² 31,417	² 12,495	² 23	² 26	3,577	2,638	939	8	(³)	(³)	(³)	611	549	62	—	17.2
1915–16	² 45,250	² 31,852	² 13,398	² 24	² 25	3,906	2,934	972	9	(³)	(³)	(³)	667	586	81	—	18.1
1917–18	² 38,585	² 26,269	² 12,316	² 22	² 18	2,900	1,806	1,094	6	(³)	(³)	(³)	556	491	65	—	15.0
1919–20	² 48,622	² 31,980	² 16,642	² 26	² 19	4,279	2,985	1,294	11	(³)	(³)	(³)	615	522	93	7.7	15.6
1921–22	² 61,668	² 41,306	² 20,362	² 33	² 22	5,984	4,304	1,680	12	(³)	(³)	(³)	836	708	128	7.8	18.9
1923–24	² 82,783	² 54,908	² 27,875	² 43	² 27	8,216	5,515	2,701	13	(³)	(³)	(³)	1,098	939	159	8.4	24.3
1925–26	² 97,263	² 62,218	² 35,045	² 49	² 27	9,735	6,202	3,533	12	(³)	(³)	(³)	1,409	1,216	193	8.6	33.6
1927–28	² 111,161	² 67,659	² 43,502	² 55	² 22	12,387	7,727	4,660	13	(³)	(³)	(³)	1,447	1,249	198	8.4	29.8
1929–30	² 122,484	² 73,615	² 48,869	² 57	² 22	14,969	8,925	6,044	13	(³)	(³)	(³)	2,299	1,946	353	8.7	41.7
1931–32	² 138,063	² 83,271	² 54,792	² 63	² 23	19,367	12,210	7,157	16	(³)	(³)	(³)	2,654	2,247	407	9.1	36.7
1933–34	² 136,156	² 82,341	² 53,815	² 61	² 20	18,293	11,516	6,777	13	(³)	(³)	(³)	2,830	2,456	374	8.5	29.1
1935–36	² 143,125	² 86,067	² 57,058	² 63	² 17	18,302	11,503	6,799	13	(³)	(³)	(³)	2,770	2,370	400	9.2	26.6
1937–38	² 164,943	² 97,678	² 67,265	² 72	² 18	21,628	13,400	8,228	15	(³)	(³)	(³)	2,932	2,502	430	9.5	26.4
1939–40	² 186,500	² 109,546	² 76,954	² 81	² 18	26,731	16,508	10,223	16	(³)	(³)	(³)	3,290	2,861	429	9.4	25.3
1941–42	² 185,346	² 103,889	² 81,457	² 78	² 16	24,648	14,179	10,469	13	(³)	(³)	(³)	3,497	3,036	461	8.8	25.5
1943–44	² 125,863	² 55,865	² 69,998	² 52	² 10	13,414	5,711	7,703	7	(³)	(³)	(³)	2,305	1,880	425	9.4	16.5
1945–46	² 136,174	² 58,664	² 77,510	² 56	² 11	19,209	9,484	9,725	15	(³)	(³)	(³)	1,966	1,580	386	11.0	14.1
1947–48	² 271,186	² 175,615	² 95,571	² 113	² 27	42,432	28,931	13,501	31	(³)	(³)	(³)	3,989	3,496	493	10.8	25.9
1948–49	² 365,492	² 263,608	² 101,884	² 154	² 36	50,741	35,212	15,529	25	(³)	(³)	(³)	5,049	4,527	522	10.2	28.7
1949–50	² 432,058	² 328,841	² 103,217	² 182	² 40	58,183	41,220	16,963	21	(³)	(³)	(³)	6,420	5,804	616	10.2	34.4
1950–51	² 382,546	² 278,240	² 104,306	² 161	² 35	65,077	46,196	18,881	18	(³)	(³)	(³)	7,337	6,663	674	9.8	39.5
1951–52	² 329,986	² 225,981	² 104,005	² 143	² 28	63,534	43,557	19,977	15	(³)	(³)	(³)	7,683	6,969	714	9.8	41.5
1952–53	² 303,049	² 199,793	² 103,256	² 132	² 25	60,959	40,946	20,013	16	(³)	(³)	(³)	8,307	7,515	792	9.7	53.4
1953–54	² 291,508	² 186,884	² 104,624	² 129	² 24	56,823	38,147	18,676	17	(³)	(³)	(³)	8,996	8,181	815	9.7	71.5
1954–55	² 285,841	² 182,839	² 103,002	² 151	² 24	58,200	38,739	19,461	19	(³)	(³)	(³)	8,840	8,014	826	9.9	67.5
1955–56	² 309,514	² 198,615	² 110,899	² 147	² 26	59,281	39,393	19,888	20	(³)	(³)	(³)	8,903	8,018	885	10.3	65.4
1956–57	² 338,436	² 221,650	² 116,786	² 163	² 28	61,940	41,329	20,611	22	(³)	(³)	(³)	8,756	7,817	939	10.2	43.0
1957–58	² 363,502	² 241,560	² 121,942	² 167	² 28	65,586	44,229	21,357	21	(³)	(³)	(³)	8,942	7,978	964	10.3	33.0
1958–59	² 379,931	² 252,517	² 127,414	² 178	² 28	72,532	48,360	24,172	21	(³)	(³)	(³)	9,360	8,371	989	10.3	25.6
1959–60 ⁴	² 392,440	² 254,063	² 138,377	² 182	² 27	74,435	50,898	23,537	20	(³)	(³)	(³)	9,829	8,801	1,028	10.4	22.7
1960–61	365,174	224,538	140,636	165	25	84,609	57,830	26,779	22	25,253	24,577	676	10,575	9,463	1,112	10.3	27.6
1961–62	383,961	230,456	153,505	173	25	91,418	62,603	28,815	23	25,607	24,836	771	11,622	10,377	1,245	10.2	35.2
1962–63	411,420	241,309	170,111	181	25	98,684	67,302	31,382	27	26,590	25,753	837	12,822	11,448	1,374	10.2	42.3
1963–64	461,266	265,349	195,917	192	25	109,183	73,850	35,333	28	27,209	26,357	852	14,490	12,955	1,535	10.0	49.7
1964–65	493,757	282,173	211,584	194	25	121,167	81,319	39,848	29	28,290	27,283	1,007	16,467	14,692	1,775	10.0	57.6

Table 28.—Degrees conferred by institutions of higher education, by sex and level: 1869–70 to 1989–90—Continued

Year	Bachelor's degrees					Master's degrees (includes second-professional for years prior to 1959–60)				First-professional degrees			Doctor's degrees				
	Total	Male	Female	Per 1,000 persons 23 years old	Per 100 high school graduates 4 years earlier	Total	Male	Female	Per 100 bachelor's degrees 2 years earlier	Total	Male	Female	Total	Male	Female	Total lapse time in years, bachelor's to doctor's	Per 1,000 bachelor's degrees x-years earlier ¹
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1965–66	520,115	299,287	220,828	181	27	140,602	93,081	47,521	30	30,124	28,982	1,142	18,237	16,121	2,116	10.0	58.9
1966–67	558,534	322,711	235,823	208	29	157,726	103,109	54,617	32	31,695	30,401	1,294	20,617	18,163	2,454	8.1	54.3
1967–68	632,289	357,682	274,607	238	28	176,749	113,552	63,197	34	33,939	32,402	1,537	23,089	20,183	2,906	8.1	58.8
1968–69	728,845	410,595	318,250	278	27	193,756	121,531	72,225	35	35,114	33,595	1,519	26,158	22,722	3,436	8.0	71.6
1969–70	792,317	451,097	341,220	218	30	208,291	125,624	82,667	33	34,578	32,794	1,784	29,912	25,890	4,022	7.9	77.9
1970–71	839,730	475,594	364,136	247	31	230,509	138,146	92,363	32	37,946	35,544	2,402	32,107	27,530	4,577	7.9	78.0
1971–72	887,273	500,590	386,683	258	33	251,633	149,550	102,083	32	43,411	40,723	2,688	33,363	28,090	5,273	8.2	72.3
1972–73	922,362	518,191	404,171	267	33	263,371	154,468	108,903	31	50,018	46,489	3,529	34,777	28,571	6,206	8.4	70.4
1973–74	945,776	527,313	418,463	262	33	277,033	157,842	119,191	31	53,816	48,530	5,286	33,816	27,365	6,451	8.5	65.0
1974–75	922,933	504,841	418,092	249	31	292,450	161,570	130,880	32	55,916	48,956	6,960	34,083	26,817	7,266	8.6	65.5
1975–76	925,746	504,925	420,821	242	31	311,771	167,248	144,523	33	62,649	52,892	9,757	34,064	26,267	7,797	8.6	61.0
1976–77	919,549	495,545	424,004	234	30	317,164	167,783	149,381	34	64,359	52,374	11,985	33,232	25,142	8,090	8.7	52.6
1977–78	921,204	487,347	433,857	229	30	311,620	161,212	150,408	34	66,581	52,270	14,311	32,131	23,658	8,473	8.9	44.1
1978–79	921,390	477,344	444,046	225	29	301,079	153,370	147,709	33	68,848	52,652	16,196	32,730	23,541	9,189	9.0	41.3
1979–80	929,417	473,611	455,806	218	30	298,081	150,749	147,332	32	70,131	52,716	17,415	32,615	22,943	9,672	9.3	38.8
1980–81	935,140	469,883	465,257	218	30	295,739	147,043	148,696	32	71,956	52,792	19,164	32,958	22,711	10,247	9.4	37.1
1981–82	952,998	473,364	479,634	222	30	295,546	145,532	150,014	32	72,032	52,223	19,809	32,707	22,224	10,483	9.6	36.9
1982–83	969,510	479,140	490,370	227	31	289,921	144,697	145,224	31	73,136	51,310	21,826	32,775	21,902	10,873	9.8	35.5
1983–84	974,309	482,319	491,990	225	32	284,263	143,595	140,668	30	74,407	51,334	23,073	33,209	22,064	11,145	10.0	35.1
1984–85	979,477	482,528	496,949	230	32	286,251	143,390	142,861	30	75,063	50,455	24,608	32,943	21,700	11,243	10.2	35.7
1985–86	987,823	485,923	501,900	236	33	288,567	143,508	145,059	30	73,910	49,261	24,649	33,653	21,819	11,834	10.4	36.4
1986–87	991,339	480,854	510,485	241	34	289,557	141,363	148,194	30	72,750	47,460	25,290	34,120	22,099	12,021	10.4	37.1
1987–88	994,829	477,203	517,626	252	36	299,317	145,163	154,154	30	70,735	45,484	25,251	34,870	22,615	12,255	10.5	37.9
1988–89	1,018,755	483,346	535,409	272	38	310,621	149,354	161,267	31	70,856	45,046	25,810	35,720	22,648	13,072	10.5	38.8
1989–90 ⁵	1,049,657	491,488	558,169	282	40	323,844	153,643	170,201	33	70,980	44,002	26,978	38,238	24,371	13,867	10.5	41.1

¹ Represents the number of years from the receipt of the bachelor's degree to the receipt of the doctorate degree. See column 17.

² Includes first-professional degrees.

³ First-professional degrees included with bachelor's degrees.

⁴ Denotes the first year for which figures include Alaska and Hawaii.

⁵ Preliminary data.

—Data not available.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Historical Statistics of the United States, Colonial Times to 1970*; Current Population Reports, Series P-25, *Population Estimates and Projections*; U.S. Department of Education, National Center for Education Statistics, *Digest of Education Statistics*; and National Academy of Sciences, *Doctorate Recipients from United States Universities*. (This table was prepared November 1992.)