

TABLE A-3

## Surveyed institutions, schools, organizational units, and graduate enrollment, by type of institution: 1972–2022

(Number)

Year	Institutions	Schools <sup>a</sup>	Organizational units				Graduate enrollment		
			Total	Master's	Doctorate	Nondegree	Total	Full time	Part time
All institutions									
1972 <sup>b</sup>	252	321	4,568	764	3,804	0	207,859	159,392	48,467
1973 <sup>b</sup>	255	333	6,523	851	5,557	115	214,348	161,525	52,823
1974 <sup>b</sup>	276	367	7,468	1,387	5,951	130	259,968	190,562	69,406
1975	584	682	9,003	2,829	6,038	136	328,510	219,648	108,862
1976	594	693	9,110	2,895	6,074	141	333,716	223,412	110,304
1977	601	704	9,392	3,081	6,168	143	345,374	226,738	118,636
1978	599	708	9,509	3,126	6,239	144	339,912	223,030	116,882
1979	629	745	9,686	3,203	5,153	1,330	357,578	231,760	125,818
1980	626	742	9,798	3,255	5,011	1,532	367,078	238,416	128,662
1981	622	736	9,728	3,256	4,938	1,534	375,130	242,049	133,081
1982	609	724	9,584	3,241	4,822	1,521	382,291	244,757	137,534
1983	609	723	9,467	3,211	4,741	1,515	390,432	252,017	138,415
1984	412	530	8,791	2,503	4,725	1,563	394,670	253,922	140,748
1985	412	525	8,911	2,550	4,751	1,610	404,021	257,287	146,734
1986	412	527	8,985	2,558	4,782	1,645	415,520	266,168	149,352
1987	416	533	9,104	2,563	4,850	1,691	421,497	271,056	150,441
1988	606	723	10,015	3,310	4,950	1,755	424,523	275,127	149,396
1989	609	726	10,187	3,372	5,026	1,789	434,478	282,648	151,830
1990	610	727	10,358	3,448	5,059	1,851	452,113	292,782	159,331
1991	609	726	10,598	3,517	5,180	1,901	471,212	307,010	164,202
1992	608	725	10,872	3,602	5,298	1,972	493,522	322,555	170,967
1993	606	723	11,103	3,650	5,391	2,062	504,304	329,644	174,660
1994	605	722	11,365	3,759	5,500	2,106	504,399	332,088	172,311
1995	603	720	11,566	3,837	5,539	2,190	499,640	329,283	170,357
1996	603	720	11,579	3,886	5,507	2,186	494,079	328,536	165,543
1997	601	722	11,589	3,994	5,526	2,069	487,208	327,289	159,919
1998	601	721	11,685	4,020	5,590	2,075	485,627	327,389	158,238
1999	599	719	11,827	4,015	5,773	2,039	493,256	334,423	158,833
2000	596	716	11,894	4,085	5,791	2,018	493,311	341,283	152,028
2001	601	720	11,962	4,096	5,826	2,040	509,607	354,522	155,085
2002	596	715	12,126	4,165	5,931	2,030	540,404	378,991	161,413
2003	593	712	12,261	4,185	6,080	1,996	567,121	397,420	169,701
2004	591	710	12,268	4,180	6,142	1,946	574,463	402,573	171,890
2005	588	702	12,297	4,123	6,231	1,943	582,226	406,620	175,606
2006	588	707	12,320	4,109	6,294	1,917	597,643	419,015	178,628
2007old <sup>c</sup>	582	700	12,325	4,148	6,418	1,759	607,823	430,860	176,963
2007new <sup>c</sup>	582	700	12,629	4,335	6,525	1,769	619,499	437,365	182,134
2008	579	708	13,166	4,399	6,710	2,057	631,489	449,613	181,876
2009	575	703	13,285	4,336	6,774	2,175	631,645	456,115	175,530
2010	574	692	13,711	4,416	6,863	2,432	632,652	461,185	171,467
2011	565	686	13,785	4,295	6,849	2,641	626,820	457,292	169,528
2012	565	684	13,952	4,320	6,911	2,721	627,243	459,498	167,745
2013	564	680	14,019	4,314	6,875	2,830	633,010	468,953	164,057
2014old <sup>d</sup>	557	671	14,369	4,375	6,940	3,054	650,738	484,880	165,858
2014new <sup>d</sup>	706	821	14,845	4,769	6,988	3,088	666,586	492,170	174,416
2015	711	824	15,202	4,901	7,104	3,197	685,397	506,262	179,135
2016 <sup>e</sup>	714	828	15,853	5,054	7,217	3,582	684,825	508,773	176,052
2017 <sup>f</sup>	703	814	18,745	5,580	7,004	6,161	649,112	480,788	168,324

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## Surveyed institutions, schools, organizational units, and graduate enrollment, by type of institution: 1972–2022

(Number)

Year	Institutions	Schools <sup>a</sup>	Organizational units				Graduate enrollment		
			Total	Master's	Doctorate	Nondegree	Total	Full time	Part time
2018	715	817	19,592	5,857	7,180	6,555	668,307	491,449	176,858
2019	714	809	20,249	5,985	7,203	7,061	690,117	502,442	187,675
2020 <sup>g</sup>	712	806	21,156	6,425	7,251	7,480	697,813	491,515	206,298
2021	699	787	21,365	6,559	7,377	7,429	760,156	543,823	216,333
2022	690	775	22,519	6,787	7,573	8,159	798,534	579,301	219,233
Doctorate institutions									
1972	252	321	4,568	764	3,804	0	207,859	159,392	48,467
1973	255	333	6,523	851	5,557	115	214,348	161,525	52,823
1974	276	367	7,468	1,387	5,951	130	259,968	190,562	69,406
1975	345	443	8,031	1,857	6,038	136	301,902	209,328	92,574
1976	355	454	8,131	1,916	6,074	141	305,824	213,033	92,791
1977	357	460	8,361	2,050	6,168	143	313,938	215,377	98,561
1978	345	454	8,381	1,998	6,239	144	308,107	211,508	96,599
1979	371	487	8,612	2,130	5,153	1,329	323,677	219,634	104,043
1980	370	486	8,714	2,174	5,011	1,529	333,164	225,877	107,287
1981	370	484	8,645	2,174	4,938	1,533	339,946	229,708	110,238
1982	369	484	8,504	2,162	4,822	1,520	346,668	232,980	113,688
1983	371	485	8,386	2,133	4,741	1,512	354,060	239,220	114,840
1984	346	464	8,320	2,033	4,725	1,562	353,673	239,400	114,273
1985	346	459	8,434	2,074	4,751	1,609	362,581	242,748	119,833
1986	346	461	8,509	2,083	4,782	1,644	373,545	251,562	121,983
1987	350	467	8,626	2,087	4,850	1,689	378,785	255,936	122,849
1988	377	494	8,949	2,250	4,950	1,749	386,300	262,351	123,949
1989	380	497	9,084	2,276	5,026	1,782	394,510	269,679	124,831
1990	379	496	9,234	2,332	5,059	1,843	409,419	278,637	130,782
1991	379	496	9,435	2,362	5,180	1,893	425,914	291,508	134,406
1992	379	496	9,678	2,417	5,298	1,963	445,704	305,979	139,725
1993	379	496	9,875	2,434	5,391	2,050	454,745	312,519	142,226
1994	378	495	10,093	2,499	5,500	2,094	455,332	313,976	141,356
1995	377	494	10,269	2,552	5,539	2,178	449,555	310,538	139,017
1996	378	495	10,289	2,608	5,507	2,174	444,319	309,418	134,901
1997	377	498	10,271	2,688	5,526	2,057	438,135	307,697	130,438
1998	377	497	10,366	2,713	5,590	2,063	435,826	307,040	128,786
1999	378	498	10,482	2,683	5,773	2,026	443,104	313,866	129,238
2000	377	497	10,526	2,726	5,791	2,009	443,542	319,923	123,619
2001	381	500	10,577	2,728	5,826	2,023	459,438	332,732	126,706
2002	376	495	10,726	2,778	5,931	2,017	487,645	355,611	132,034
2003	376	495	10,849	2,790	6,080	1,979	510,335	372,366	137,969
2004	376	495	10,858	2,781	6,142	1,935	518,641	377,984	140,657
2005	375	489	10,907	2,745	6,231	1,931	527,048	381,198	145,850
2006	376	495	10,946	2,745	6,294	1,907	542,073	393,138	148,935
2007old <sup>c</sup>	375	493	10,976	2,830	6,418	1,728	551,832	403,722	148,110
2007new <sup>c</sup>	375	493	11,210	2,949	6,525	1,736	561,352	409,421	151,931
2008	376	505	11,773	3,042	6,710	2,021	574,241	422,287	151,954
2009	366	493	11,865	2,956	6,774	2,135	573,883	428,856	145,027
2010	364	481	12,276	3,023	6,863	2,390	575,785	433,252	142,533
2011	368	488	12,419	2,964	6,849	2,606	570,534	430,623	139,911
2012	367	485	12,567	2,977	6,911	2,679	571,578	433,177	138,401
2013	364	480	12,607	2,940	6,875	2,792	574,004	439,950	134,054

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## Surveyed institutions, schools, organizational units, and graduate enrollment, by type of institution: 1972–2022

(Number)

Year	Institutions	Schools <sup>a</sup>	Organizational units				Graduate enrollment		
			Total	Master's	Doctorate	Nondegree	Total	Full time	Part time
2014old <sup>d</sup>	366	480	12,985	3,028	6,940	3,017	588,600	451,884	136,716
2014new <sup>d</sup>	406	521	13,140	3,115	6,988	3,037	588,952	452,801	136,151
2015	412	525	13,506	3,251	7,104	3,151	604,944	464,695	140,249
2016 <sup>e</sup>	415	529	14,188	3,451	7,217	3,520	609,420	468,678	140,742
2017 <sup>f</sup>	399	509	16,971	3,934	7,004	6,033	577,139	442,001	135,138
2018	421	522	17,782	4,186	7,180	6,416	602,332	457,543	144,789
2019	417	512	18,460	4,322	7,203	6,935	627,136	469,732	157,404
2020 <sup>g</sup>	411	505	19,206	4,611	7,251	7,344	628,220	456,426	171,794
2021	418	506	19,506	4,826	7,377	7,303	689,916	507,180	182,736
2022	417	502	20,698	5,092	7,573	8,033	724,378	538,340	186,038
Master's institutions									
1975	239	239	972	972	na	0	26,608	10,320	16,288
1976 <sup>h</sup>	239	239	979	979	na	0	27,892	10,379	17,513
1977	244	244	1,031	1,031	na	0	31,436	11,361	20,075
1978 <sup>i</sup>	254	254	1,128	1,128	na	0	31,805	11,522	20,283
1979	258	258	1,074	1,073	na	1	33,901	12,126	21,775
1980	256	256	1,084	1,081	na	3	33,914	12,539	21,375
1981	252	252	1,083	1,082	na	1	35,184	12,341	22,843
1982	240	240	1,080	1,079	na	1	35,623	11,777	23,846
1983	238	238	1,081	1,078	na	3	36,372	12,797	23,575
1984	66	66	471	470	na	1	40,997	14,522	26,475
1985	66	66	477	476	na	1	41,440	14,539	26,901
1986	66	66	476	475	na	1	41,975	14,606	27,369
1987	66	66	478	476	na	2	42,712	15,120	27,592
1988	229	229	1,066	1,060	na	6	38,223	12,776	25,447
1989	229	229	1,103	1,096	na	7	39,968	12,969	26,999
1990	231	231	1,124	1,116	na	8	42,694	14,145	28,549
1991	230	230	1,163	1,155	na	8	45,298	15,502	29,796
1992	229	229	1,194	1,185	na	9	47,818	16,576	31,242
1993	227	227	1,228	1,216	na	12	49,559	17,125	32,434
1994	227	227	1,272	1,260	na	12	49,067	18,112	30,955
1995	226	226	1,297	1,285	na	12	50,085	18,745	31,340
1996	225	225	1,290	1,278	na	12	49,760	19,118	30,642
1997	224	224	1,318	1,306	na	12	49,073	19,592	29,481
1998	224	224	1,319	1,307	na	12	49,801	20,349	29,452
1999	221	221	1,345	1,332	na	13	50,152	20,557	29,595
2000	219	219	1,368	1,359	na	9	49,769	21,360	28,409
2001	220	220	1,385	1,368	na	17	50,169	21,790	28,379
2002	220	220	1,400	1,387	na	13	52,759	23,380	29,379
2003	217	217	1,412	1,395	na	17	56,786	25,054	31,732
2004	215	215	1,410	1,399	na	11	55,822	24,589	31,233
2005	213	213	1,390	1,378	na	12	55,178	25,422	29,756
2006	212	212	1,374	1,364	na	10	55,570	25,877	29,693
2007old <sup>c</sup>	207	207	1,349	1,318	na	31	55,991	27,138	28,853
2007new <sup>c</sup>	207	207	1,419	1,386	na	33	58,147	27,944	30,203
2008	203	203	1,393	1,357	na	36	57,248	27,326	29,922
2009	209	210	1,420	1,380	na	40	57,762	27,259	30,503
2010	210	211	1,435	1,393	na	42	56,867	27,933	28,934
2011	197	198	1,366	1,331	na	35	56,286	26,669	29,617

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**Surveyed institutions, schools, organizational units, and graduate enrollment, by type of institution: 1972–2022**

(Number)

Year	Institutions	Schools <sup>a</sup>	Organizational units				Graduate enrollment		
			Total	Master's	Doctorate	Nondegree	Total	Full time	Part time
2012	198	199	1,385	1,343	na	42	55,665	26,321	29,344
2013	200	200	1,412	1,374	na	38	59,006	29,003	30,003
2014old <sup>d</sup>	191	191	1,384	1,347	na	37	62,138	32,996	29,142
2014new <sup>d</sup>	300	300	1,705	1,654	na	51	77,634	39,369	38,265
2015	299	299	1,696	1,650	na	46	80,453	41,567	38,886
2016 <sup>e</sup>	299	299	1,665	1,603	na	62	75,405	40,095	35,310
2017 <sup>f</sup>	304	305	1,774	1,646	na	128	71,973	38,787	33,186
2018	294	295	1,810	1,671	na	139	65,975	33,906	32,069
2019	297	297	1,789	1,663	na	126	62,981	32,710	30,271
2020 <sup>g</sup>	301	301	1,950	1,814	na	136	69,593	35,089	34,504
2021	281	281	1,859	1,733	na	126	70,240	36,643	33,597
2022	273	273	1,821	1,695	na	126	74,156	40,961	33,195

na = not applicable.

<sup>a</sup> Schools are administrative and degree-granting entities within academic institutions. Schools surveyed may exceed institutions surveyed because schools at some institutions report information to the survey separately. Examples of schools eligible for the Survey of Graduate Students and Postdoctorates in Science and Engineering (GSS) include graduate schools, schools of architecture, schools of medicine, schools of nursing, schools of pharmacology, schools of public health, and schools of veterinary medicine.

<sup>b</sup> Data collected only from the doctorate-granting institutions.

<sup>c</sup> In 2007, GSS-eligible fields were reclassified, newly eligible fields were added, and survey was redesigned to improve coverage and coding of GSS-eligible units. "2007new" presents data as collected in 2007; "2007old" reflects data as they would have been collected under 2006 methodology. See appendix A.

<sup>d</sup> In 2014, the survey frame was updated following a comprehensive frame evaluation study. The study identified potentially eligible but not previously surveyed academic institutions in the United States with master's- or doctorate-granting programs in science, engineering, and health. A total of 151 newly eligible institutions were added, and two private for-profit institutions offering mostly practitioner-based graduate degrees were determined to be ineligible.

<sup>e</sup> The 2016 survey included a pilot data collection to assess the feasibility of several data collection changes, including the use of Classification of Instructional Programs (CIP) codes for reporting data and file uploads for transmitting data. The number of units added and deleted by pilot coordinators was much greater than is typical. These increases are largely due to how data are organized in institutional information systems and the increased granularity of CIP codes relative to GSS codes rather than a reflection of increased organizational complexity.

<sup>f</sup> The 2017 GSS survey was redesigned to fully implement the changes in the 2016 pilot to all coordinators (collection via CIP code and uploads; separate reporting of master's and doctoral data) and to align with GSS taxonomy with the National Center for Science and Engineering Statistics Taxonomy of Disciplines (TOD), which made several fields ineligible. Thus, there was an increase in the number of units reported and a decrease in the number of graduate students reported to the GSS. Data from 2017 are not directly comparable to 2016 and earlier.

<sup>g</sup> In 2020, new Classification of Instructional Programs (CIP) codes were added to align with the CIP code 2020 and the 2020 revision to TOD. Additionally, several GSS codes were split to show additional detail. Code splits may lead to an increase in units.

<sup>h</sup> The 1976 survey also collected 1975 data from master's-granting institutions.

<sup>i</sup> Master's-granting institutions were not surveyed in 1978; totals represent estimates based on 1977 and 1979 data.

**Note(s):**

Data from 1972 to 1974 are not directly comparable with data from 1975 forward due to changes both in science and engineering fields and in types of institutions covered in the survey. In 2007, newly eligible science fields were added. Graduate student data in this table include master's students in health sciences. For more information on the comparability of these counts to other data published by the National Center for Science and Engineering Statistics, see the "Technical Notes."

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Graduate Students and Postdoctorates in Science and Engineering.