



Appendices

Graduate Enrollment and Degrees 2025

Findings from the 2024 Survey and Insights
on the Evolving Graduate Education Landscape



The annual CGS/ETS Survey of Graduate Enrollment and Degrees is jointly sponsored by the Council of Graduate Schools (CGS) and the Educational Testing Service (ETS). For more information about the survey or survey reports, please contact:

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the Evolving Graduate Education Landscape

November 2025

Appendices

The CGS/ETS Survey of Graduate Enrollment and Degrees is jointly sponsored by:



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APPENDIX A

Definitions

The CGS/ETS Survey of Graduate Enrollment and Degrees collects data on four aspects of graduate education:

Applications—Includes the number of completed applications for admission to U.S. graduate schools for the Fall term, the number of those applications accepted for admission, and the number of applications not accepted. Data are collected by fine field and degree level (master's and 'other' vs. doctoral). The application data excludes individuals who applied as transfers or for readmission at the same institution.

First-Time Enrollment—Includes the number of students enrolled for the first time in graduate certificate, education specialist, master's, or doctoral programs for the Fall term. Data are collected by fine field, degree level (master's and 'other' vs. doctoral), gender, race/ethnicity, citizenship, and enrollment status (full-time/part-time).

Total Enrollment—Includes the total number of students enrolled (first-time and continuing students) in graduate certificate, education specialist, master's, or doctoral programs for the Fall term. Data are collected by fine field, degree level (master's and 'other' vs. doctoral), gender, race/ethnicity, citizenship, and enrollment status (full-time/part-time).

Degrees—Includes the number of master's and doctoral degrees and post-baccalaureate and post-master's certificates awarded in the U.S. in a given academic year (July 1 through June 30). Degree data are collected by fine field, degree level (graduate certificate, master's, and doctoral), and gender. The survey does not collect degree data by race/ethnicity or citizenship.

For both first-time and total enrollment, master's and 'other' enrollment is defined as the number of students enrolled in programs specifically leading to the master's degree and other non-doctoral programs, such as graduate certificate programs and education specialist programs. Graduate certificates are awards that require the completion of an organized program of study generally equivalent to 15-18 credit hours beyond the bachelor's degree. Education specialist programs are generally equivalent to 30-45 credit hours beyond the master's degree. Doctoral enrollment is defined as the number of students enrolled in programs leading directly to the doctoral degree as well as the total number of students enrolled in doctoral programs where a master's degree is earned en route to the doctoral degree.

Full-time enrollment includes students enrolled for credit in graduate degree programs who are engaged full time in training activities in their field; these activities may include any appropriate combination of study, teaching, and research, depending on the responding institution's own policy. Part-time enrollment includes students enrolled in graduate degree programs who are not pursuing graduate work full-time as defined above.

The survey collects the total data for each institution for the categories and variables listed above, as well as data for up to 51 individual fields of study. This report groups the data from the 51 fine fields of study into 11 broad fields. A special online report, Graduate Enrollment and Degrees by Fine Field, presents the fine field data for first-time enrollment, total enrollment, and degrees awarded and is available exclusively to CGS member institutions at www.cgsnet.org.

The survey excludes students applying to, enrolled in, or graduating from the following comprehensive list of first-professional programs: Chiropractic (D.C. or D.C.M.), Dentistry (D.D.S. or D.M.D.), Law (LL.B., J.D.), Medicine (M.D.), Optometry (O.D.), Osteopathic Medicine (D.O.), Pharmacy (Pharm.D.), Podiatry (D.P.M., D.P., or Pod.D.), Theology (M.Div., M.H.L., B.D., or Ordination), and Veterinary Medicine (D.V.M.). Data for all other graduate-level programs are collected, including programs in other professional fields such as health sciences and business.

The gender and race/ethnicity data included in this report are collected from institutional records based on graduate students' self-reports. Accordingly, the number of students in any given gender or racial/ethnic category is subject to individual interpretation on the part of students as they complete registration forms. The gender categories were separated by Men, Women, and Other. The "Other" gender category includes students whose gender identities are not male or female, and students whose gender identities are unknown. The citizenship and race/ethnicity categories are defined as follows:

Temporary Resident/Non-Resident Alien (International Student)—A person who is not a citizen, national, or permanent resident of the U.S., and who is in the country on a visa or temporary basis and does not have the right to remain indefinitely.

Hispanic/Latino (Latinx)—A U.S. citizen or permanent resident of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race.

American Indian/Alaska Native—A U.S. citizen or permanent resident having origins in any of the original peoples of North and South America (including Central America) who maintains cultural identification through tribal affiliation or community recognition.

Asian—A U.S. citizen or permanent resident having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent, including, for example, Cambodia, China, India, Japan, Malaysia, Pakistan, the Philippines, South Korea, Thailand, and Vietnam.

Black/African American—A U.S. citizen or permanent resident having origins in any of the black racial groups of Africa (except those of Hispanic origin).

Native Hawaiian/Other Pacific Islander—A U.S. citizen, permanent resident, or national having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific islands.

White—A U.S. citizen or permanent resident having origins in any of the original peoples of Europe, North Africa, or the Middle East (except those of Hispanic origin).

Two or More Races—A U.S. citizen or permanent resident having origins in any two or more of the following race categories: American Indian/Alaska Native, Asian, Black/African American, Native Hawaiian/Other Pacific Islander, or White.

Race/Ethnicity Unknown—Includes U.S. citizens and permanent residents whose race/ethnicity is not known.

Citizenship Unknown—Includes individuals whose citizenship is not known.

Two significant changes to the race/ethnicity categories occurred starting with the 2010 data collection cycle. The first change divided the previous Asian/Pacific Islander category into two separate categories: Asian and Native Hawaiian/Other Pacific Islander. The second change split the previous Other/Unknown category into three separate categories: Two or More Races, Race/Ethnicity Unknown, and Citizenship Unknown. The findings regarding the current academic year are based on the new race/ethnicity categories. Readers of this report should not directly compare the figures in this report to those that appeared in editions of this report issued prior to 2010. Findings regarding changes and comparisons are aggregated to correspond with the earlier definitions of Asian/Pacific Islander and Other/Unknown, to permit a comparable examination.

Comparing Years

This year's report provides notable one- and five-year comparisons for select metrics. Because the institutions responding each year differ, observed differences may reflect both changes in the composition of reporting institutions and actual shifts in the underlying data. Year-to-year and multi-year results are therefore descriptive, intended to illustrate general patterns rather than direct longitudinal trends. For comparisons, averages are grouped by institution size, determined by total enrollment figures reported by institutions in the respective year.

Institution Size Categories

- Small institutions: 0–1,050 total enrolled graduate students
- Medium institutions: 1,051–3,050 total enrolled graduate students
- Large institutions: 3,051 or more total enrolled graduate students

Other Notes

In some cases, survey respondents were unable to provide data for one or more categories or variables. Survey respondents were most likely to report data for categories representing totals. Thus, not all tables and figures in this report include data from all 536 institutions that responded to the 2024 CGS/ETS Survey of Graduate Enrollment and Degrees. As an example, see Appendix C where averages for All Fields tend to be much greater than the constituent categories or variables. Additionally, some tables or figures may include percentages that do not completely add up all measured categories to 100%. Data were not imputed for missing fields or for non-responding institutions. Some of the extreme outliers were reviewed and verified; however, data submitted by institutions were used for analysis without imputation.

Due to the small numbers of for-profit institutions providing data, their contributions to total values of applications, first-time enrollment, total enrollment, and degrees conferred are shown herein. However, they are not included in the comparison data because of their low representation in those tables where institution type is considered.

APPENDIX B

Data Tables for Graduate Applications, First-Time Enrollment, Total Enrollment, Fall 2024, and Degrees Conferred, 2023-24

B1. Applications for Admission to Graduate School by Broad Field and Degree Level

Field	Total Applications, Doctoral	Total Accept, Doctoral	Doctoral Acceptance %	Total Applications, Master's/Other	Total Accept, Master's/Other	Master's/Other Acceptance %	Total Applications, Total	Total Accept, Total	Total Acceptance %
Arts and Humanities	54041	8716	16%	83108	31435	38%	138526	40169	29%
Biological and Agricultural Sciences	125185	17498	14%	85982	41639	48%	213732	59443	28%
Business	23700	3481	15%	276825	155222	56%	300880	158708	53%
Education	24662	11030	45%	98702	69104	70%	123360	80173	65%
Engineering	116249	24215	21%	206419	110096	53%	323262	134364	42%
Health Sciences	53294	20154	38%	181592	82782	46%	235921	102992	44%
Mathematics and Computer Sciences	97148	14106	15%	330894	147500	45%	429905	161606	38%
Other Fields	34652	5907	17%	159044	89189	56%	194199	95101	49%
Physical and Earth Sciences	93778	16869	18%	18923	7087	38%	116065	23956	21%
Public Administration and Services	5727	1385	24%	62800	43163	69%	68527	44548	65%
Social and Behavioral Sciences	123853	14435	12%	104177	55055	53%	229891	69513	30%
Total	899141	168015	19%	1961548	1016113	52%	2865363	1184240	41%

B2. Applications for Admission to Graduate School by Degree Level and Institution Type

Field	Total Applications, Doctoral	Total Accept, Doctoral	Doctoral Acceptance %	Total Applications, Master's/Other	Total Accept, Master's/Other	Master's/ Other Acceptance %	Total Applications, Total	Total Accept, Total	Total Acceptance %
Private									
Arts and Humanities	23857	2304	10%	31526	9469	30%	56760	11791	21%
Biological and Agricultural Sciences	53337	5154	10%	34267	15651	46%	90169	21111	23%
Business	8192	1175	14%	127319	61466	48%	135866	62646	46%
Education	6790	2777	41%	21725	13998	64%	28583	16814	59%
Engineering	48100	6232	13%	83912	38649	46%	132606	44934	34%
Health Sciences	17026	6814	40%	65751	25010	38%	83688	31824	38%
Mathematics and Computer Sciences	42795	4072	10%	126480	47501	38%	171138	51573	30%
Other Fields	14409	1899	13%	56097	28061	50%	71009	29965	42%
Physical and Earth Sciences	31591	4428	14%	5939	2021	34%	40894	6449	16%
Public Administration and Services	2225	457	21%	21350	13548	64%	23575	14005	59%
Social and Behavioral Sciences	52596	4591	9%	50847	25931	51%	105304	30545	29%
Total	330454	46982	14%	759265	351294	46%	1094384	398379	36%

B2. Applications for Admission to Graduate School by Degree Level and Institution Type, continued

Field	Total Applications, Doctoral	Total Accept, Doctoral	Doctoral Acceptance %	Total Applications, Master's/Other	Total Accept, Master's/Other	Master's/Other Acceptance %	Total Applications, Total	Total Accept, Total	Total Acceptance %
Public									
Arts and Humanities	27940	6074	22%	47735	20406	43%	75675	26480	35%
Biological and Agricultural Sciences	62248	11297	18%	47312	23313	49%	109560	34610	32%
Business	13879	2142	15%	126053	82290	65%	139932	84432	60%
Education	17012	7996	47%	73222	52549	72%	90199	60545	67%
Engineering	62136	16909	27%	111776	64457	58%	173912	81366	47%
Health Sciences	31761	11903	38%	100962	51083	51%	132847	63042	48%
Mathematics and Computer Sciences	48900	9420	19%	185337	92830	50%	234237	102250	44%
Other Fields	16902	3629	22%	90794	54276	60%	107696	57905	54%
Physical and Earth Sciences	54318	11271	21%	12532	4949	40%	66850	16220	24%
Public Administration and Services	3041	856	28%	37107	26359	71%	40148	27215	68%
Social and Behavioral Sciences	64193	8975	14%	48836	26365	54%	113029	35340	31%
Total	514667	111877	22%	1096074	609718	56%	1610750	721604	45%

B3. First-Time Enrollment by Degree and Broad Field

Field	Total	Doctoral	Doctoral %	Master's/Other	Master's/Other %
Arts and Humanities	20195	4732	23%	15370	76%
Biological and Agricultural Sciences	29265	10142	35%	19071	65%
Business	73902	2096	3%	71796	97%
Education	54414	7462	14%	46864	86%
Engineering	46254	11551	25%	34676	75%
Health Sciences	64881	13957	22%	50520	78%
Mathematics and Computer Sciences	52796	6121	12%	46552	88%
Other Fields	42272	3571	8%	38617	91%
Physical and Earth Sciences	10677	7396	69%	3119	29%
Public Administration and Services	25595	871	3%	24724	97%
Social and Behavioral Sciences	32057	7718	24%	24120	75%
Total	537850	89930	17%	447324	83%

B4. First-Time Enrollment by Degree, Gender, and Broad Field

Field	Doctoral Men	Doctoral Men %	Doctoral Women	Doctoral Women %	Doctoral Other	Doctoral Other %
Arts and Humanities	1969	42%	2662	57%	79	2%
Biological and Agricultural Sciences	3890	39%	6127	61%	97	1%
Business	994	48%	1055	50%	44	2%
Education	2088	28%	5254	70%	120	2%
Engineering	7730	68%	3614	32%	61	1%
Health Sciences	3489	25%	10250	74%	118	1%
Mathematics and Computer Sciences	4277	71%	1675	28%	105	2%
Other Fields	1446	41%	2052	58%	51	1%
Physical and Earth Sciences	4237	58%	3040	41%	70	1%
Public Administration and Services	221	25%	623	72%	25	3%
Social and Behavioral Sciences	2682	35%	4851	63%	146	2%
Total	38916	44%	49521	55%	1018	1%

B4. First-Time Enrollment by Degree, Gender, and Broad Field, continued

Field	Master's/Other Men	Master's/Other Men %	Master's/Other Women	Master's/Other Women %	Master's/Other Other	Master's/Other Other %
Arts and Humanities	5956	39%	9166	60%	208	1%
Biological and Agricultural Sciences	6715	36%	11824	63%	113	1%
Business	38611	54%	32430	46%	290	0%
Education	10430	22%	36158	77%	274	1%
Engineering	23386	71%	9356	28%	158	1%
Health Sciences	8906	18%	40692	81%	604	1%
Mathematics and Computer Sciences	30266	67%	14683	33%	231	1%
Other Fields	14959	39%	22745	59%	738	2%
Physical and Earth Sciences	1573	51%	1492	48%	35	1%
Public Administration and Services	5029	20%	19224	78%	402	2%
Social and Behavioral Sciences	7670	32%	15864	67%	278	1%
Total	181829	41%	256848	58%	3649	1%

B5. First-Time Graduate Enrollment by Gender and Broad Field

Field	Men	Women	Other	Men %	Women %	Other %
Arts and Humanities	7925	11828	287	40%	59%	1%
Biological and Agricultural Sciences	10605	17951	210	37%	62%	1%
Business	39606	33487	334	54%	46%	1%
Education	12537	41443	394	23%	76%	1%
Engineering	31116	12970	219	70%	29%	1%
Health Sciences	12399	50951	722	19%	80%	1%
Mathematics and Computer Sciences	34543	16358	336	67%	32%	1%
Other Fields	16425	24818	789	39%	59%	2%
Physical and Earth Sciences	5810	4532	105	56%	43%	1%
Public Administration and Services	5250	19847	427	21%	78%	2%
Social and Behavioral Sciences	10355	20716	424	33%	66%	1%
Total	220792	306433	4667	42%	58%	1%

B6. First-Time Graduate Enrollment by Broad Field and Attendance Status

Field	Total	Men	Women	Other	Full-Time	Part-Time	Men %	Women %	Other %	Full-Time %	Part-Time %
Arts and Humanities	20195	7925	11828	287	16083	4019	39%	59%	1%	80%	20%
Biological and Agricultural Sciences	29265	10569	17933	210	24275	4938	36%	61%	1%	83%	17%
Business	73902	39606	33487	334	47709	26186	54%	45%	1%	65%	35%
Education	54414	12543	41468	395	24338	30070	23%	76%	1%	45%	55%
Engineering	46254	31116	12963	219	37137	9090	67%	28%	1%	80%	20%
Health Sciences	64881	12399	50951	722	42935	21555	19%	79%	1%	66%	33%
Mathematics and Computer Sciences	52796	34538	16353	336	37886	14787	65%	31%	1%	72%	28%
Other Fields	42272	16425	24818	789	30142	12051	39%	59%	2%	71%	29%
Physical and Earth Sciences	10677	5810	4532	105	9550	965	54%	42%	1%	89%	9%
Public Administration and Services	25595	5250	19847	427	18667	6928	21%	78%	2%	73%	27%
Social and Behavioral Sciences	32057	10355	20716	424	24870	6972	32%	65%	1%	78%	22%
Total	537850	220792	306433	4667	374258	163036	41%	57%	1%	70%	30%

B7. First-Time Graduate Enrollment by Gender, Attendance Status, and Broad Field

Field	Men Full-Time	Men Part-Time	Women Full-Time	Women Part-Time	Other Full-Time	Other Part-Time	Men Full-Time %	Men Part-Time %	Women Full-Time %	Women Part-Time %	Other Full-Time %	Other Part-Time %
Arts and Humanities	6414	1511	9369	2459	253	34	81%	19%	79%	21%	88%	12%
Biological and Agricultural Sciences	8810	1795	14883	3068	181	29	83%	17%	83%	17%	86%	14%
Business	26114	13492	21253	12234	140	194	66%	34%	64%	37%	42%	58%
Education	5965	6572	18177	23266	166	228	48%	52%	44%	56%	42%	58%
Engineering	24429	6687	10696	2274	165	54	79%	22%	83%	18%	75%	25%
Health Sciences	8717	3682	33557	17394	336	386	70%	30%	66%	34%	47%	54%
Mathematics and Computer Sciences	24170	10373	12138	4220	202	134	70%	30%	74%	26%	60%	40%
Other Fields	12230	4195	17286	7532	472	317	75%	26%	70%	30%	60%	40%
Physical and Earth Sciences	5254	556	4136	396	95	10	90%	10%	91%	9%	91%	10%
Public Administration and Services	3719	1531	14684	5163	218	209	71%	29%	74%	26%	51%	49%
Social and Behavioral Sciences	8084	2271	16259	4457	236	188	78%	22%	79%	22%	56%	44%
Total	159341	61451	207397	99036	2765	1902	72%	28%	68%	32%	59%	41%

B8. First-Time Graduate Enrollment by Citizenship and Broad Field

Field	Total	US Citizens and Permanent Residents	International	Citizenship Unknown	US Citizens and Permanent Residents %	International %	Citizenship Unknown %
Arts and Humanities	20154	15496	4440	43	77%	22%	0%
Biological and Agricultural Sciences	29198	21627	6999	35	74%	24%	0%
Business	73759	57479	15593	196	78%	21%	0%
Education	54423	51039	2876	355	94%	5%	1%
Engineering	46415	22512	21613	130	49%	47%	0%
Health Sciences	64912	59601	3662	500	92%	6%	1%
Mathematics and Computer Sciences	53017	23142	28283	26	44%	53%	0%
Other Fields	42507	29160	12794	209	69%	30%	1%
Physical and Earth Sciences	10604	6579	3708	14	62%	35%	0%
Public Administration and Services	25581	23916	1542	50	94%	6%	0%
Social and Behavioral Sciences	32029	24691	6394	342	77%	20%	1%
Total	537798	403598	125665	2034	75%	23%	0%

B9. First-Time Graduate Enrollment by Citizenship, Race, and Gender

Race	Total	Men	Women	Other	Men %	Women %	Other %
US Citizens and Permanent Residents	738849	275475	455499	7872	37%	62%	1%
Hispanic/Latino (any race)	109137	38171	70336	628	35%	64%	1%
Non-Hispanic							
American Indian/Alaskan Native	3484	1093	2358	33	31%	68%	1%
Asian	75326	34328	40375	623	46%	54%	1%
Black/African American	90194	26780	62763	651	30%	70%	1%
Native Hawaiian/Other Pacific Islander	1082	376	698	8	35%	65%	1%
White	394692	149165	242454	3073	38%	61%	1%
Two or More Races	30337	11456	18577	304	38%	61%	1%
Race/Ethnicity Unknown	34582	14106	17924	2552	41%	52%	7%
International	233570	130329	102216	1020	56%	44%	0%
Citizenship Unknown	3934	1282	2591	61	33%	66%	2%
Total	990407	407090	560306	8953	41%	57%	1%

B10. First-Time Graduate Enrollment by Race and Broad Field

Field	Total US Citizens and Permanent Residents	American Indian/ Alaskan Native	Asian	Black/ African American	Hispanic/ Latino (any race)	Native Hawaiian/ Other Pacific Islander	White	Two or More Races	Race/ Ethnicity Unknown
Arts and Humanities	15496	74	922	1192	2212	15	9695	740	650
Biological and Agricultural Sciences	21627	85	2541	1906	2891	19	12343	1072	770
Business	57479	255	6748	7081	7733	77	30717	2277	2591
Education	51039	339	1922	7603	8450	117	28949	1736	1915
Engineering	22512	61	4146	1355	3056	30	11595	1054	1215
Health Sciences	59601	286	5464	8677	8149	88	31880	2275	2782
Mathematics and Computer Sciences	23142	44	6427	1852	2424	30	9317	927	2121
Other Fields	29160	172	2938	3236	4218	30	15601	1211	1754
Physical and Earth Sciences	6579	19	685	246	830	7	4198	347	247
Public Administration and Services	23916	143	983	4163	4578	47	12132	1011	859
Social and Behavioral Sciences	24691	135	1738	3068	4381	36	13129	1138	1066
Total	403598	1871	40812	49814	60213	586	215131	16548	18612

B10. First-Time Graduate Enrollment by Race and Broad Field, continued

Field	American Indian/ Alaskan Native %	Asian %	Black/ African American %	Hispanic/ Latino (any race) %	Native Hawaiian/ Other Pacific Islander %	White %	Two or More Races %	Race/ Ethnicity Unknown %
Arts and Humanities	1%	6%	8%	14%	0%	63%	5%	4%
Biological and Agricultural Sciences	0%	12%	9%	13%	0%	57%	5%	4%
Business	0%	12%	12%	14%	0%	53%	4%	5%
Education	1%	4%	15%	17%	0%	57%	3%	4%
Engineering	0%	18%	6%	14%	0%	52%	5%	5%
Health Sciences	1%	9%	15%	14%	0%	54%	4%	5%
Mathematics and Computer Sciences	0%	28%	8%	11%	0%	40%	4%	9%
Other Fields	1%	10%	11%	15%	0%	54%	4%	6%
Physical and Earth Sciences	0%	10%	4%	13%	0%	64%	5%	4%
Public Administration and Services	1%	4%	17%	19%	0%	51%	4%	4%
Social and Behavioral Sciences	1%	7%	12%	18%	0%	53%	5%	4%
Total	1%	10%	12%	15%	0%	53%	4%	5%

B11. Total Graduate Enrollment by Broad Field and Attendance Status

Field	Total	Men	Women	Other	Full-Time	Part-Time	Men %	Women %	Other %	Full-Time %	Part-Time %
Arts and Humanities	67925	27069	39225	932	48424	18989	40%	58%	1%	71%	28%
Biological and Agricultural Sciences	107768	40898	64450	738	82669	24778	38%	60%	1%	77%	23%
Business	203563	108008	93411	951	103577	99959	53%	46%	1%	51%	49%
Education	190558	44169	145120	1228	72334	118186	23%	76%	1%	38%	62%
Engineering	156047	106316	42839	593	111820	44152	68%	28%	0%	72%	28%
Health Sciences	227387	43525	178659	2629	133410	92711	19%	79%	1%	59%	41%
Mathematics and Computer Sciences	173735	112913	54807	868	107666	65666	65%	32%	1%	62%	38%
Other Fields	118053	45765	69877	1799	70896	46884	39%	59%	2%	60%	40%
Physical and Earth Sciences	47763	27186	19128	359	40250	6708	57%	40%	1%	84%	14%
Public Administration and Services	73572	14940	57326	1082	47548	26024	20%	78%	2%	65%	35%
Social and Behavioral Sciences	109416	35173	71379	1303	75123	33478	32%	65%	1%	69%	31%
Total	1746691	714726	999405	13566	1063091	681190	41%	57%	1%	61%	39%

B12. Total Enrollment by Degree and Broad Field

Field	Total	Doctoral	Doctoral %	Master's/Other	Master's/Other %
Arts and Humanities	67925	27445	40%	39968	59%
Biological and Agricultural Sciences	107768	57503	53%	49944	46%
Business	203563	10854	5%	192679	95%
Education	190558	45955	24%	144455	76%
Engineering	156047	64596	41%	91376	59%
Health Sciences	227387	62954	28%	163167	72%
Mathematics and Computer Sciences	173735	32766	19%	140566	81%
Other Fields	118053	18226	15%	99674	84%
Physical and Earth Sciences	47763	38522	81%	8436	18%
Public Administration and Services	73572	6014	8%	67558	92%
Social and Behavioral Sciences	109416	44815	41%	63786	58%
Total	1746691	487466	28%	1257000	72%

B13. Total Graduate Enrollment by Citizenship and Broad Field

Field	Total	US Citizens and Permanent Residents	International	Citizenship Unknown	US Citizens and Permanent Residents %	International %	Citizenship Unknown %
Arts and Humanities	67874	51997	14991	102	77%	22%	0%
Biological and Agricultural Sciences	107623	78519	27140	75	73%	25%	0%
Business	204214	162740	39054	1143	80%	19%	1%
Education	191001	180128	9243	1032	94%	5%	1%
Engineering	155962	74439	74061	264	48%	48%	0%
Health Sciences	228309	210673	12848	1454	92%	6%	1%
Mathematics and Computer Sciences	174173	71683	97194	128	41%	56%	0%
Other Fields	118607	84081	32848	679	71%	28%	1%
Physical and Earth Sciences	47418	28416	17439	64	60%	37%	0%
Public Administration and Services	74571	69459	4632	206	93%	6%	0%
Social and Behavioral Sciences	109211	85886	20227	1350	79%	19%	1%
Total	1746358	1310747	407922	6767	75%	23%	0%

B14. Total Enrollment by Degree, Gender, and Field

Field	Doctoral Men	Doctoral Men %	Doctoral Women	Doctoral Women %	Doctoral Other	Doctoral Other %	Master's/ Other Men	Master's/ Other Men %	Master's/ Other Women	Master's/ Other Women %	Master's/ Other Other	Master's/ Other Other %
Arts and Humanities	11724	43%	15246	56%	372	1%	15345	39%	23979	60%	560	1%
Biological and Agricultural Sciences	23228	41%	33699	59%	458	1%	17670	36%	30751	63%	280	1%
Business	5072	47%	5586	52%	180	2%	102930	54%	87819	46%	771	0%
Education	12694	28%	32821	71%	440	1%	31449	22%	112219	78%	784	1%
Engineering	44336	70%	19190	30%	227	0%	61980	72%	23649	28%	366	0%
Health Sciences	15619	25%	46273	74%	475	1%	27906	17%	132386	82%	2154	1%
Mathematics and Computer Sciences	22957	71%	9155	28%	332	1%	89956	66%	45652	34%	536	0%
Other Fields	7583	42%	10336	57%	215	1%	38183	38%	59541	60%	1584	2%
Physical and Earth Sciences	22766	60%	15219	40%	292	1%	4420	53%	3909	47%	67	1%
Public Administration and Services	1586	27%	4291	72%	118	2%	13354	20%	53035	79%	964	1%
Social and Behavioral Sciences	15557	35%	28448	64%	614	1%	19616	31%	42931	68%	689	1%
Total	216270	45%	264623	55%	4032	1%	498448	40%	734776	59%	9534	1%

B15. Total Graduate Enrollment by Gender, Attendance Status, and Broad Field

Field	Men Full-Time	Women Full-Time	Other Full-Time	Men Part-Time	Women Part-Time	Other Part-Time	Men Full-Time %	Men Part-Time %	Women Full-Time %	Women Part-Time %	Other Full-Time %	Other Part-Time %
Arts and Humanities	19749	7320	27749	11476	775	157	73%	27%	71%	29%	83%	17%
Biological and Agricultural Sciences	31627	9271	49254	15196	613	125	77%	23%	76%	24%	83%	17%
Business	55734	52274	46865	46546	431	520	52%	48%	50%	50%	45%	55%
Education	17601	26542	54054	90986	577	647	40%	60%	37%	63%	47%	53%
Engineering	73608	32708	31808	11031	407	186	69%	31%	74%	26%	69%	31%
Health Sciences	27966	15559	103199	75460	1186	1443	64%	36%	58%	42%	45%	55%
Mathematics and Computer Sciences	68218	44695	34362	20445	505	363	60%	40%	63%	37%	58%	42%
Other Fields	28884	16884	40658	29219	1039	760	63%	37%	58%	42%	58%	42%
Physical and Earth Sciences	23223	3963	16438	2690	318	41	85%	15%	86%	14%	89%	11%
Public Administration and Services	9082	5858	37660	19666	636	446	61%	39%	66%	34%	59%	41%
Social and Behavioral Sciences	24534	10639	49129	22250	801	502	70%	30%	69%	31%	62%	39%
Total	452152	262574	588025	411380	7987	5579	63%	37%	59%	41%	59%	41%

B16. Total Graduate Enrollment by Race and Broad Field

Field	Total US Citizens and Permanent Residents	American Indian/ Alaskan Native	Asian	Black/ African American	Hispanic/ Latino (any race)	Native Hawaiian/ Other Pacific Islander	White	Two or More Races	Race/ Ethnicity Unknown
Arts and Humanities	51997	255	3084	3949	7084	59	33039	2407	2133
Biological and Agricultural Sciences	78519	363	8717	5782	10477	84	46487	3801	2808
Business	162740	734	18699	20501	21377	253	87066	5824	8286
Education	180128	1271	6588	28089	27988	407	103736	5847	6202
Engineering	74439	224	12459	4567	9729	100	40364	3340	3656
Health Sciences	210673	922	18789	33035	27234	317	113682	7476	9218
Mathematics and Computer Sciences	71683	158	18421	5953	7502	93	30724	2795	6037
Other Fields	84081	574	7825	8985	11805	102	46990	3452	4348
Physical and Earth Sciences	28416	70	2798	1050	3462	22	18574	1410	1030
Public Administration and Services	69459	438	2560	13944	12343	137	34896	2698	2443
Social and Behavioral Sciences	85886	518	5656	11584	14728	167	45805	3775	3653
Total	1310747	6295	123642	166518	186786	2036	716811	50699	57939

B16. Total Graduate Enrollment by Race and Broad Field, continued

Field	American Indian/ Alaskan Native %	Asian %	Black/ African American %	Hispanic/ Latino (any race) %	Native Hawaiian/ Other Pacific Islander %	White %	Two or More Races %	Race/ Ethnicity Unknown %
Arts and Humanities	1%	6%	8%	14%	0%	64%	5%	4%
Biological and Agricultural Sciences	1%	11%	7%	13%	0%	59%	5%	4%
Business	1%	12%	13%	13%	0%	54%	4%	5%
Education	1%	4%	16%	16%	0%	58%	3%	3%
Engineering	0%	17%	6%	13%	0%	54%	5%	5%
Health Sciences	0%	9%	16%	13%	0%	54%	4%	4%
Mathematics and Computer Sciences	0%	26%	8%	11%	0%	43%	4%	8%
Other Fields	1%	9%	11%	14%	0%	56%	4%	5%
Physical and Earth Sciences	0%	10%	4%	12%	0%	65%	5%	4%
Public Administration and Services	1%	4%	20%	18%	0%	50%	4%	4%
Social and Behavioral Sciences	1%	7%	14%	17%	0%	53%	4%	4%
Total	1%	9%	13%	14%	0%	55%	4%	4%

B17. Total Graduate Enrollment by Citizenship, Race, and Gender

Race	Total	Men	Women	Other	Men %	Women %	Other %
Native Hawaiian/Other Pacific Islander	3777	1355	2400	22	36%	64%	1%
American Indian/Alaskan Native	11822	3624	8125	73	31%	69%	1%
Citizenship Unknown	13264	4465	8604	195	34%	65%	2%
Two or More Races	93530	34722	57974	834	37%	62%	1%
Race/Ethnicity Unknown	107753	43377	57280	7096	40%	53%	7%
Asian	229241	101567	125915	1759	44%	55%	1%
Black/African American	303965	87240	214631	2094	29%	71%	1%
Hispanic/Latino (any race)	340524	119800	218715	2009	35%	64%	1%
International	757604	432010	322693	2866	57%	43%	0%
White	1318200	490718	818193	9289	37%	62%	1%
US Citizens and Permanent Residents	2408820	882396	1503229	23174	37%	62%	1%
Total	3225378	1318891	1834547	26213	41%	57%	1%

B18. Graduate Degrees and Certificates Awarded by Degree Level and Broad Field

Field	Total	Doctoral	Masters	Certificates	Doctoral %	Masters %	Certificates %
Arts and Humanities	22510	4322	17064	1124	19%	76%	5%
Biological and Agricultural Sciences	33018	8694	22521	1803	26%	68%	5%
Business	104819	2340	94968	7511	2%	91%	7%
Education	80285	8680	61642	9963	11%	77%	12%
Engineering	58469	9929	46315	2225	17%	79%	4%
Health Sciences	85268	16331	61337	7600	19%	72%	9%
Mathematics and Computer Sciences	71677	4178	65424	2075	6%	91%	3%
Other Fields	49902	3176	42214	4512	6%	85%	9%
Physical and Earth Sciences	11774	5479	6091	204	47%	52%	2%
Public Administration and Services	31933	1053	29453	1427	3%	92%	4%
Social and Behavioral Sciences	41754	6816	31708	3230	16%	76%	8%
Total	714310	86212	575536	52562	12%	81%	7%

APPENDIX C

Data Tables for Trends in Graduate Applications, First-Time Enrollment, Total Enrollment, and Degrees Conferred, 2019 to 2024

C1. Applications for Admission to Graduate School by Broad Field, 2019 to 2024

Field	Small Institutions			Medium Institutions			Large Institutions		
	Average Applications 2024	Average Applications 2023	Average Applications 2019	Average Applications 2024	Average Applications 2023	Average Applications 2019	Average Applications 2024	Average Applications 2023	Average Applications 2019
Arts and Humanities	28	34	22	43	38	39	172	145	136
Biological and Agricultural Sciences	104	70	64	139	138	108	699	624	471
Business	99	70	54	260	200	142	977	743	597
Education	32	24	23	68	44	42	147	91	90
Engineering	48	38	29	153	117	90	627	377	316
Health Sciences	283	296	256	474	475	452	1025	1036	911
Mathematics and Computer Sciences	46	59	33	288	371	159	1259	1354	750
Other Fields	57	36	22	84	69	57	296	273	179
Physical and Earth Sciences	38	30	24	107	83	64	339	223	165
Public Administration and Services	58	43	59	106	82	94	311	203	206
Social and Behavioral Sciences	60	53	53	88	71	67	347	240	200
All Fields	616	619	510	2695	2807	1902	12776	12221	9645

C2. Applications for Admission to Graduate School by Broad Field and Degree Level, 2019 to 2024

Field	Small Institutions			Medium Institutions			Large Institutions		
	Average Applications 2024	Average Applications 2023	Average Applications 2019	Average Applications 2024	Average Applications 2023	Average Applications 2019	Average Applications 2024	Average Applications 2023	Average Applications 2019
Doctoral									
Arts and Humanities	1	1	1	8	8	9	73	68	62
Biological and Agricultural Sciences	68	47	34	67	72	67	420	401	312
Business	3	3	1	6	9	4	91	67	66
Education	3	2	2	10	6	6	34	21	22
Engineering	14	10	9	47	31	30	231	140	123
Health Sciences	43	55	72	103	119	113	252	281	260
Mathematics and Computer Sciences	3	4	2	38	36	29	304	243	203
Other Fields	12	1	0	14	7	14	53	41	33
Physical and Earth Sciences	25	17	11	77	58	46	282	187	140
Public Administration and Services	2	3	0	4	2	2	30	20	19
Social and Behavioral Sciences	28	21	12	35	29	27	196	145	127
All Fields	131	113	104	569	555	468	4343	3958	3474

C2. Applications for Admission to Graduate School by Broad Field and Degree Level, 2019 to 2024, continued

Field	Small Institutions			Medium Institutions			Large Institutions		
	Average Applications 2024	Average Applications 2023	Average Applications 2019	Average Applications 2024	Average Applications 2023	Average Applications 2019	Average Applications 2024	Average Applications 2023	Average Applications 2019
Master's/Other									
Arts and Humanities	26	33	21	34	30	30	98	77	74
Biological and Agricultural Sciences	35	24	30	72	66	41	276	223	159
Business	96	67	53	252	191	139	886	676	531
Education	30	22	21	59	37	37	113	70	68
Engineering	34	28	20	107	86	60	396	237	193
Health Sciences	240	241	184	374	355	338	776	755	651
Mathematics and Computer Sciences	43	55	31	249	335	130	952	1111	547
Other Fields	44	35	22	71	62	43	243	233	146
Physical and Earth Sciences	13	13	14	30	24	18	49	36	25
Public Administration and Services	56	40	59	102	80	92	281	183	187
Social and Behavioral Sciences	32	32	36	53	42	40	150	96	72
All Fields	485	505	396	2142	2252	1434	8406	8263	6170

C3. First-Time Graduate Enrollment by Broad Field, 2019 to 2024

Field	Small			Medium			Large		
	Average Enrollment 2024	Average Enrollment 2023	Average Enrollment 2019	Average Enrollment 2024	Average Enrollment 2023	Average Enrollment 2019	Average Enrollment 2024	Average Enrollment 2023	Average Enrollment 2019
Arts and Humanities	7	8	8	11	10	12	22	18	19
Biological and Agricultural Sciences	19	14	14	23	22	21	89	83	75
Business	33	28	29	72	59	58	226	168	155
Education	19	15	14	33	22	22	57	32	36
Engineering	11	7	9	20	18	16	89	53	49
Health Sciences	53	58	52	121	114	123	289	257	232
Mathematics and Computer Sciences	10	13	10	32	42	24	151	156	99
Other Fields	16	11	12	19	21	21	62	56	47
Physical and Earth Sciences	6	7	7	9	10	10	31	23	21
Public Administration and Services	32	24	35	43	36	41	108	68	75
Social and Behavioral Sciences	15	15	18	18	14	17	43	28	28
All Fields	178	184	178	589	599	563	2195	2063	1867

C4. First-Time Graduate Enrollment by Broad Field and Attendance Status, 2019 to 2024

Field	Small Institutions			Medium Institutions			Large Institutions		
	Average First-Time Enrollment 2024	Average First-Time Enrollment 2023	Average First-Time Enrollment 2019	Average First-Time Enrollment 2024	Average First-Time Enrollment 2023	Average First-Time Enrollment 2019	Average First-Time Enrollment 2024	Average First-Time Enrollment 2023	Average First-Time Enrollment 2019
Full-Time									
Arts and Humanities	5	6	5	8	8	9	18	15	16
Biological and Agricultural Sciences	16	12	12	18	18	16	75	70	64
Business	20	16	15	42	34	30	150	117	111
Education	8	6	6	14	10	10	26	16	17
Engineering	8	6	7	14	13	11	73	44	41
Health Sciences	41	45	36	89	82	84	182	174	157
Mathematics and Computer Sciences	7	9	6	23	34	17	109	124	73
Other Fields	10	7	5	13	13	12	45	40	33
Physical and Earth Sciences	6	6	5	8	9	8	28	21	19
Public Administration and Services	23	18	23	31	26	28	79	50	55
Social and Behavioral Sciences	11	10	10	14	10	12	34	23	23
All Fields	112	116	108	383	394	343	1565	1522	1347

C4. First-Time Graduate Enrollment by Broad Field and Attendance Status, 2019 to 2024, continued

Field	Small Institutions			Medium Institutions			Large Institutions		
	Average First-Time Enrollment 2024	Average First-Time Enrollment 2023	Average First-Time Enrollment 2019	Average First-Time Enrollment 2024	Average First-Time Enrollment 2023	Average First-Time Enrollment 2019	Average First-Time Enrollment 2024	Average First-Time Enrollment 2023	Average First-Time Enrollment 2019
Part-Time									
Arts and Humanities	2	3	3	3	3	3	4	3	3
Biological and Agricultural Sciences	3	2	3	5	4	5	15	13	11
Business	13	12	14	30	24	27	76	51	44
Education	11	9	8	19	11	12	31	17	19
Engineering	3	1	2	6	5	5	17	9	9
Health Sciences	12	14	16	32	32	39	107	83	75
Mathematics and Computer Sciences	2	4	4	9	8	7	43	32	26
Other Fields	6	5	6	6	7	8	17	16	15
Physical and Earth Sciences	0	1	2	1	1	1	3	2	2
Public Administration and Services	9	6	11	12	10	13	29	18	21
Social and Behavioral Sciences	4	5	7	4	4	5	9	5	5
All Fields	66	67	74	206	205	220	627	541	510

C5. First-Time Graduate Enrollment by Broad Field and Citizenship, 1919 to 2024

Field	Small Institutions			Medium Institutions			Large Institutions		
	Average First-Time Enrollment 2024	Average First-Time Enrollment 2023	Average First-Time Enrollment 2019	Average First-Time Enrollment 2024	Average First-Time Enrollment 2023	Average First-Time Enrollment 2019	Average First-Time Enrollment 2024	Average First-Time Enrollment 2023	Average First-Time Enrollment 2019
Temporary Residents									
Arts and Humanities	1	2	1	1	2	2	5	5	4
Biological and Agricultural Sciences	3	3	2	4	5	3	23	22	16
Business	3	2	2	10	10	7	54	47	40
Education	0	0	0	1	1	1	4	3	2
Engineering	4	3	4	8	9	6	42	28	25
Health Sciences	1	2	1	5	6	4	19	25	15
Mathematics and Computer Sciences	4	6	3	17	31	12	81	102	56
Other Fields	3	1	1	4	5	3	20	17	10
Physical and Earth Sciences	1	2	1	3	4	2	11	9	7
Public Administration and Services	0	0	1	1	1	1	8	5	4
Social and Behavioral Sciences	1	1	0	2	2	2	10	8	7
All Fields	14	17	11	84	118	69	593	665	496

C5. First-Time Graduate Enrollment by Broad Field and Citizenship, 2019 to 2024, continued

Field	Small Institutions			Medium Institutions			Large Institutions		
	Average First-Time Enrollment 2024	Average First-Time Enrollment 2023	Average First-Time Enrollment 2019	Average First-Time Enrollment 2024	Average First-Time Enrollment 2023	Average First-Time Enrollment 2019	Average First-Time Enrollment 2024	Average First-Time Enrollment 2023	Average First-Time Enrollment 2019
US Citizens and Permanent Residents									
Arts and Humanities	1	1	1	2	1	1	2	2	2
Biological and Agricultural Sciences	2	2	2	3	3	3	10	9	9
Business	5	4	4	9	7	8	26	18	17
Education	3	2	2	5	3	3	8	5	5
Engineering	1	1	1	2	1	1	6	4	4
Health Sciences	8	9	8	17	17	18	41	36	33
Mathematics and Computer Sciences	1	1	1	2	2	2	9	8	6
Other Fields	2	1	2	2	2	3	6	6	6
Physical and Earth Sciences	1	1	1	1	1	1	3	2	2
Public Administration and Services	5	4	5	6	5	6	16	10	11
Social and Behavioral Sciences	2	2	3	2	2	2	5	3	3
All Fields	24	26	26	77	74	76	238	215	212

C6. First-Time Graduate Enrollment by Race and Ethnicity, 2019 to 2024

Categories	Small Institutions			Medium Institutions			Large Institutions		
	Average First-Time Enrollment 2024	Average First-Time Enrollment 2023	Average First-Time Enrollment 2019	Average First-Time Enrollment 2024	Average First-Time Enrollment 2023	Average First-Time Enrollment 2019	Average First-Time Enrollment 2024	Average First-Time Enrollment 2023	Average First-Time Enrollment 2019
US Citizens and Permanent Residents	146	156	156	460	442	452	1431	1281	1269
American Indian/Alaskan Native	1	1	1	3	3	3	6	6	6
Asian	7	9	6	33	28	28	184	155	129
Asian and Pacific Islanders	8	9	6	34	29	29	186	157	131
Black/African American	27	28	26	63	62	63	185	150	132
Hispanic/Latino	19	19	17	76	71	60	238	211	170
Native Hawaiian/Other Pacific Islanders	0	0	0	1	1	1	2	2	2
Other/Unknown	5	4	5	15	13	13	48	40	36
White	91	99	105	284	277	297	815	757	830
International Students	14	18	12	84	119	68	593	654	484
All Categories	179	187	181	589	598	558	2203	2054	1860

C7. First-Time Graduate Enrollment by Broad Field, Race, and Ethnicity, 2019 to 2024

Field	Small Average First-Time Enrollment			Medium Average First-Time Enrollment			Large Average First-Time Enrollment			Small Average First-Time Enrollment			Medium Average First-Time Enrollment			Large Average First-Time Enrollment		
	2024	2023	2019	2024	2023	2019	2024	2023	2019	2024	2023	2019	2024	2023	2019	2024	2023	2019
	American Indian/Alaskan Native									Asian								
Arts and Humanities	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1
Biological and Agricultural Sciences	0	0	0	0	0	0	0	0	0	1	1	1	2	2	2	8	8	6
Business	0	0	0	0	0	0	1	1	0	1	1	1	4	4	4	23	21	18
Education	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1	1
Engineering	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	8	5	4
Health Sciences	0	0	0	1	1	1	1	1	1	3	4	2	8	8	8	27	24	19
Mathematics and Computer Sciences	0	0	0	0	0	0	0	0	0	0	2	1	3	2	2	20	14	10
Other Fields	0	0	0	0	0	0	0	0	0	1	0	0	2	1	1	4	3	2
Physical and Earth Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1
Public Administration and Services	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	5	3	3
Social and Behavioral Sciences	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	1	1
All Fields	1	1	1	3	3	3	6	6	6	7	9	6	33	28	28	184	158	131

C7. First-Time Graduate Enrollment by Broad Field, Race, and Ethnicity, 2019 to 2024, continued

Field	Small Average First-Time Enrollment			Medium Average First-Time Enrollment			Large Average First-Time Enrollment			Small Average First-Time Enrollment			Medium Average First-Time Enrollment			Large Average First-Time Enrollment		
	2024	2023	2019	2024	2023	2019	2024	2023	2019	2024	2023	2019	2024	2023	2019	2024	2023	2019
	Black/African American									Hispanic/Latino (any race)								
Arts and Humanities	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2
Biological and Agricultural Sciences	2	1	1	2	1	1	5	5	4	1	2	1	3	3	2	9	8	7
Business	7	7	5	9	8	8	19	17	13	3	3	3	9	9	7	23	20	15
Education	3	2	2	5	3	3	8	5	4	2	2	2	5	3	2	10	5	4
Engineering	1	0	0	1	1	1	2	2	2	1	1	1	1	1	1	6	4	3
Health Sciences	9	8	6	11	11	10	42	28	22	5	5	3	14	14	10	39	32	23
Mathematics and Computer Sciences	1	1	1	2	1	1	5	4	3	1	1	0	2	1	1	7	6	4
Other Fields	2	1	1	1	2	2	5	4	4	2	1	2	2	2	2	6	6	5
Physical and Earth Sciences	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	2	2	1
Public Administration and Services	7	6	8	7	6	8	17	7	8	8	7	8	8	7	5	19	8	8
Social and Behavioral Sciences	3	2	4	2	2	2	4	3	2	2	2	2	3	3	2	6	4	3
All Fields	27	28	26	63	62	63	185	151	131	19	19	17	76	70	59	238	212	169

C7. First-Time Graduate Enrollment by Broad Field, Race, and Ethnicity, 2019 to 2024, continued

Field	Small Average First-Time Enrollment			Medium Average First-Time Enrollment			Large Average First-Time Enrollment			Small Average First-Time Enrollment			Medium Average First-Time Enrollment			Large Average First-Time Enrollment		
	2024	2023	2019	2024	2023	2019	2024	2023	2019	2024	2023	2019	2024	2023	2019	2024	2023	2019
	Native Hawaiian/Other Pacific Islander									Race/Ethnicity Unknown								
Arts and Humanities	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1	1	1
Biological and Agricultural Sciences	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1	2	2	2
Business	0	0	0	0	0	0	0	0	0	1	1	2	2	3	3	8	8	7
Education	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	2	1	1
Engineering	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	1	1
Health Sciences	0	0	0	0	0	0	0	0	0	3	2	4	6	5	9	11	7	7
Mathematics and Computer Sciences	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	6	4	2
Other Fields	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	3	2	2
Physical and Earth Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Public Administration and Services	0	0	0	0	0	0	0	0	0	1	1	2	2	1	1	3	2	2
Social and Behavioral Sciences	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1
All Fields	0	0	0	1	1	1	2	2	2	10	8	10	21	21	23	72	59	56

C7. First-Time Graduate Enrollment by Broad Field, Race, and Ethnicity, 2019 to 2024, continued

Field	Small Average First-Time Enrollment			Medium Average First-Time Enrollment			Large Average First-Time Enrollment			Small Average First-Time Enrollment			Medium Average First-Time Enrollment			Large Average First-Time Enrollment		
	2024	2023	2019	2024	2023	2019	2024	2023	2019	2024	2023	2019	2024	2023	2019	2024	2023	2019
	Two or More Races									US Citizens and Permanent Residents								
Arts and Humanities	0	0	0	0	0	0	1	1	1	6	7	7	10	9	10	16	15	17
Biological and Agricultural Sciences	0	0	0	1	1	1	3	3	2	16	12	13	19	17	18	65	63	58
Business	1	1	1	2	2	2	7	6	4	30	32	33	61	60	63	170	155	143
Education	0	0	0	1	1	1	2	1	1	19	15	13	31	22	21	53	32	35
Engineering	0	0	0	0	0	0	2	1	1	7	4	5	12	9	9	42	29	28
Health Sciences	1	2	1	4	3	3	11	9	7	51	53	45	110	109	117	265	228	210
Mathematics and Computer Sciences	0	0	1	1	0	0	3	2	1	6	7	8	15	12	12	65	54	43
Other Fields	0	1	0	0	1	1	2	2	1	13	10	10	15	16	17	42	39	38
Physical and Earth Sciences	0	0	0	0	0	0	1	1	1	5	6	6	6	6	7	19	14	14
Public Administration and Services	1	1	1	1	1	1	4	2	2	31	26	37	41	34	35	101	50	57
Social and Behavioral Sciences	1	1	1	1	1	1	1	1	1	14	13	14	16	14	16	32	22	22
All Fields	5	6	4	18	16	14	68	61	51	161	169	169	499	480	491	1571	1417	1384

C7. First-Time Graduate Enrollment by Broad Field, Race, and Ethnicity, 2019 to 2024, continued

Field	Small Average First-Time Enrollment			Medium Average First-Time Enrollment			Large Average First-Time Enrollment		
	2024	2023	2019	2024	2023	2019	2024	2023	2019
	White								
Arts and Humanities	4	4	5	6	6	7	10	9	12
Biological and Agricultural Sciences	10	8	9	10	10	11	37	36	36
Business	16	18	20	34	34	38	90	83	85
Education	11	10	8	19	13	14	29	18	22
Engineering	4	2	3	7	6	6	21	15	17
Health Sciences	30	33	29	66	67	75	134	127	130
Mathematics and Computer Sciences	3	3	5	7	7	7	26	23	22
Other Fields	8	6	6	8	10	11	22	22	23
Physical and Earth Sciences	3	4	5	4	4	5	12	9	10
Public Administration and Services	13	11	17	20	17	20	52	27	34
Social and Behavioral Sciences	7	7	8	9	7	10	17	12	13
All Fields	91	99	105	284	279	299	815	768	836

C8. First-Time Graduate Enrollment by Broad Field and Gender, 2019 to 2024

Field	Small Institutions								
	Total			Men			Women		
	Average First-Time Enrollment			Average First-Time Enrollment			Average First-Time Enrollment		
	2024	2023	2019	2024	2023	2019	2024	2023	2019
Arts and Humanities	0	0	0	0	0	0	0	0	0
Biological and Agricultural Sciences	6	6	4	2	2	2	4	3	2
Business	1	1	1	0	0	0	1	0	0
Education	2	1	1	1	0	0	1	1	1
Engineering	2	2	2	1	1	1	1	0	1
Health Sciences	11	14	10	2	4	3	8	11	8
Mathematics and Computer Sciences	1	1	0	1	0	0	0	0	0
Other Fields	3	0	0	1	0	0	2	0	0
Physical and Earth Sciences	3	3	3	1	1	1	1	1	1
Public Administration and Services	1	1	0	0	0	0	1	1	0
Social and Behavioral Sciences	3	2	3	1	1	1	2	2	2
All Fields	22	21	17	7	7	6	15	14	11

C8. First-Time Graduate Enrollment by Broad Field and Gender, 2019 to 2024, continued

Field	Medium Institutions								
	Total			Men			Women		
	Average First-Time Enrollment			Average First-Time Enrollment			Average First-Time Enrollment		
	2024	2023	2019	2024	2023	2019	2024	2023	2019
Arts and Humanities	1	1	1	1	0	1	1	1	1
Biological and Agricultural Sciences	5	6	6	2	2	3	3	4	4
Business	1	1	1	1	0	0	1	0	0
Education	4	2	2	1	1	1	3	2	2
Engineering	5	3	3	3	2	2	1	1	1
Health Sciences	28	25	27	8	6	7	20	19	21
Mathematics and Computer Sciences	3	3	3	2	2	2	1	1	1
Other Fields	2	1	2	1	1	1	1	1	1
Physical and Earth Sciences	5	4	5	3	2	3	2	2	2
Public Administration and Services	2	1	1	0	0	0	1	1	1
Social and Behavioral Sciences	3	2	2	1	1	1	2	1	2
All Fields	83	76	79	31	29	32	51	48	48

C8. First-Time Enrollment by Broad Field and Gender, 2019 to 2024, continued

Field	Large Institutions								
	Total			Men			Women		
	Average First-Time Enrollment			Average First-Time Enrollment			Average First-Time Enrollment		
	2024	2023	2019	2024	2023	2019	2024	2023	2019
Arts and Humanities	6	5	6	2	2	3	3	3	3
Biological and Agricultural Sciences	33	32	29	13	12	12	20	19	17
Business	7	4	4	3	2	2	3	2	2
Education	8	5	5	2	1	1	6	4	3
Engineering	23	13	13	15	9	9	7	4	4
Health Sciences	62	58	50	15	13	12	45	43	38
Mathematics and Computer Sciences	18	17	15	13	12	11	5	5	4
Other Fields	5	3	4	2	1	2	3	2	2
Physical and Earth Sciences	23	15	14	13	9	9	9	6	5
Public Administration and Services	4	2	2	1	1	1	3	2	1
Social and Behavioral Sciences	11	7	8	4	3	3	7	5	5
All Fields	390	359	367	176	166	178	207	190	189

C9. Total Graduate Enrollment by Citizenship, Race, and Ethnicity, 2019 to 2024

Categories	Small			Medium			Large		
	Average Total Enrollment 2024	Average Total Enrollment 2023	Average Total Enrollment 2019	Average Total Enrollment 2024	Average Total Enrollment 2023	Average Total Enrollment 2019	Average Total Enrollment 2024	Average Total Enrollment 2023	Average Total Enrollment 2019
US Citizens and Permanent Residents	462	485	506	1448	1434	1525	4733	4441	4327
American Indian/Alaskan Native	3	3	3	10	9	10	22	22	23
Asian	24	26	21	104	92	94	554	515	409
Asian and Pacific Islanders	25	27	21	106	94	96	562	523	416
Native Hawaiian/Other Pacific Islanders	1	1	1	2	2	2	8	8	7
Black/African American	83	88	82	195	197	204	643	499	437
Hispanic/Latino	54	55	51	219	209	183	759	683	543
White	297	312	348	918	925	1033	2747	2715	2908
Temporary Residents	46	47	40	304	324	229	1896	1974	1517
Other/Unknown	14	13	17	45	38	41	153	135	125
All Categories	559	572	589	1888	1873	1876	7195	6821	6218

C10. Total Graduate Enrollment by Broad Field, 2019 to 2024

Field	Small Institutions			Medium Institutions			Large Institutions		
	Average Total Enrollment 2024	Average Total Enrollment 2023	Average Total Enrollment 2019	Average Total Enrollment 2024	Average Total Enrollment 2023	Average Total Enrollment 2019	Average Total Enrollment 2024	Average Total Enrollment 2023	Average Total Enrollment 2019
Arts and Humanities	21	23	23	36	34	39	74	66	74
Biological and Agricultural Sciences	69	49	49	80	86	83	333	322	297
Business	95	78	89	210	164	175	610	454	424
Education	64	47	53	107	71	79	209	119	133
Engineering	36	26	30	71	61	60	298	181	177
Health Sciences	168	184	175	392	381	414	1050	896	818
Mathematics and Computer Sciences	32	35	29	110	117	76	494	484	312
Other Fields	41	34	33	57	59	67	171	164	140
Physical and Earth Sciences	25	29	31	41	38	39	139	103	99
Public Administration and Services	81	68	85	115	98	119	319	201	206
Social and Behavioral Sciences	52	52	63	58	46	51	148	99	96
All Fields	559	556	587	1896	1885	1884	7166	6750	6163

C11. Total Graduate Enrollment by Broad Field and Attendance Status, 2019 to 2024

Field	Small Institutions			Medium Institutions			Large Institutions		
	Average Total Enrollment 2024	Average Total Enrollment 2023	Average Total Enrollment 2019	Average Total Enrollment 2024	Average Total Enrollment 2023	Average Total Enrollment 2019	Average Total Enrollment 2024	Average Total Enrollment 2023	Average Total Enrollment 2019
Full-Time									
Arts and Humanities	10	12	11	21	20	24	56	51	57
Biological and Agricultural Sciences	54	35	37	53	57	54	263	255	240
Business	45	33	35	91	73	70	325	250	243
Education	21	16	17	35	26	28	85	48	50
Engineering	26	19	19	43	37	36	218	134	130
Health Sciences	115	119	98	252	239	237	593	549	508
Mathematics and Computer Sciences	20	21	14	69	82	47	308	314	191
Other Fields	21	15	12	33	31	30	105	96	81
Physical and Earth Sciences	19	21	21	32	30	30	119	88	86
Public Administration and Services	54	48	50	74	62	72	206	129	135
Social and Behavioral Sciences	31	29	27	37	29	32	105	72	71
All Fields	298	293	281	1034	1025	950	4519	4350	3959

C11. Total Graduate Enrollment by Broad Field and Attendance Status, 2019 to 2024, continued

Field	Small Institutions			Medium Institutions			Large Institutions		
	Average Total Enrollment 2024	Average Total Enrollment 2023	Average Total Enrollment 2019	Average Total Enrollment 2024	Average Total Enrollment 2023	Average Total Enrollment 2019	Average Total Enrollment 2024	Average Total Enrollment 2023	Average Total Enrollment 2019
Part-Time									
Arts and Humanities	11	10	12	15	14	15	18	16	18
Biological and Agricultural Sciences	15	14	12	27	28	29	72	68	57
Business	51	46	55	119	91	104	285	204	180
Education	43	31	36	72	45	52	124	72	83
Engineering	11	7	10	28	24	24	81	46	47
Health Sciences	53	66	76	139	142	177	459	348	310
Mathematics and Computer Sciences	12	14	15	42	35	29	188	171	121
Other Fields	20	19	20	25	28	37	67	68	58
Physical and Earth Sciences	6	8	10	9	8	9	18	15	13
Public Administration and Services	26	20	35	41	36	46	113	72	71
Social and Behavioral Sciences	20	23	31	21	17	19	43	27	24
All Fields	261	262	306	863	860	933	2634	2424	2204

C12. Total Graduate Enrollment by Broad Field and Citizenship, 2019 to 2024

Field	Small Institutions			Medium Institutions			Large Institutions		
	Average Total Enrollment 2024	Average Total Enrollment 2023	Average Total Enrollment 2019	Average Total Enrollment 2024	Average Total Enrollment 2023	Average Total Enrollment 2019	Average Total Enrollment 2024	Average Total Enrollment 2023	Average Total Enrollment 2019
Temporary Residents									
Arts and Humanities	3	4	1	5	6	7	18	16	15
Biological and Agricultural Sciences	13	11	9	16	18	14	89	84	67
Business	9	6	6	27	23	18	132	109	88
Education	1	1	1	3	2	2	13	8	7
Engineering	14	10	13	31	28	26	143	93	88
Health Sciences	4	5	4	16	17	16	68	72	49
Mathematics and Computer Sciences	14	14	8	68	82	38	273	292	163
Other Fields	6	4	2	11	13	10	51	40	25
Physical and Earth Sciences	7	8	7	14	14	12	52	39	35
Public Administration and Services	1	1	2	3	2	2	24	12	10
Social and Behavioral Sciences	3	2	2	6	5	5	32	26	22
All Fields	46	45	39	304	328	234	1896	1972	1514

C12. Total Graduate Enrollment by Broad Field and Citizenship, 2019 to 2024, continued

Field	Small Institutions			Medium Institutions			Large Institutions		
	Average Total Enrollment 2024	Average Total Enrollment 2023	Average Total Enrollment 2019	Average Total Enrollment 2024	Average Total Enrollment 2023	Average Total Enrollment 2019	Average Total Enrollment 2024	Average Total Enrollment 2023	Average Total Enrollment 2019
US Citizens and Permanent Residents									
Arts and Humanities	17	17	19	29	26	30	49	46	54
Biological and Agricultural Sciences	51	36	37	56	63	63	220	223	204
Business	79	67	74	168	131	144	431	316	303
Education	57	43	47	97	65	73	183	103	116
Engineering	21	14	15	36	30	31	126	80	79
Health Sciences	149	168	154	329	336	356	901	772	696
Mathematics and Computer Sciences	17	19	19	37	32	34	180	170	135
Other Fields	32	28	28	40	43	49	109	111	105
Physical and Earth Sciences	17	20	22	23	22	25	75	59	59
Public Administration and Services	74	64	76	100	88	107	280	178	185
Social and Behavioral Sciences	44	43	49	46	37	42	103	67	65
All Fields	462	471	499	1448	1438	1527	4733	4414	4297

C13. Total Graduate Enrollment by Broad Field, Race, and Ethnicity, 2019 to 2024 (US Citizens/Permanent Residents Only)

Field	Small Institutions Average Total Enrollment			Medium Institutions Average Total Enrollment			Large Institutions Average Total Enrollment			Small Institutions Average Total Enrollment			Medium Institutions Average Total Enrollment			Large Institutions Average Total Enrollment		
	2024	2023	2019	2024	2023	2019	2024	2023	2019	2024	2023	2019	2024	2023	2019	2024	2023	2019
	American Indian/Alaskan Native									Asian								
Arts and Humanities	0	0	0	0	0	0	0	0	0	1	1	1	2	1	1	3	3	3
Biological and Agricultural Sciences	0	0	1	0	0	1	1	1	1	5	4	3	6	6	5	28	29	22
Business	1	0	1	1	1	1	2	1	2	4	5	5	14	14	14	63	64	50
Education	0	0	0	1	1	1	1	1	1	1	1	1	3	2	2	8	6	5
Engineering	0	0	0	0	0	0	0	0	0	2	1	1	5	3	3	24	17	13
Health Sciences	1	1	0	2	2	2	4	4	3	9	9	7	27	27	26	95	81	64
Mathematics and Computer Sciences	0	0	0	0	0	0	0	0	0	3	5	2	6	5	5	56	49	31
Other Fields	0	0	0	0	0	0	1	1	1	2	1	1	5	2	2	11	9	6
Physical and Earth Sciences	0	0	0	0	0	0	0	0	0	1	1	1	2	2	2	8	6	4
Public Administration and Services	1	1	1	1	1	1	2	1	2	2	2	2	3	2	2	12	7	7
Social and Behavioral Sciences	1	0	1	0	0	1	1	0	1	2	2	2	3	2	2	8	5	4
All Fields	3	3	3	10	9	10	22	22	23	24	26	21	104	92	94	554	515	409

C13. Total Graduate Enrollment by Broad Field, Race, and Ethnicity, 2019 to 2024 (US Citizens/Permanent Residents Only), continued

Field	Small Institutions Average Total Enrollment			Medium Institutions Average Total Enrollment			Large Institutions Average Total Enrollment			Small Institutions Average Total Enrollment			Medium Institutions Average Total Enrollment			Large Institutions Average Total Enrollment		
	2024	2023	2019	2024	2023	2019	2024	2023	2019	2024	2023	2019	2024	2023	2019	2024	2023	2019
	Black/African American									Hispanic/Latino (any race)								
Arts and Humanities	1	1	1	3	2	3	4	4	4	2	3	2	4	4	4	8	7	7
Biological and Agricultural Sciences	6	3	3	5	3	4	17	17	12	6	5	4	9	9	8	32	32	24
Business	18	17	16	25	23	24	55	46	38	9	9	10	26	26	22	62	55	44
Education	10	8	9	15	11	10	31	18	17	7	5	6	14	11	9	33	18	16
Engineering	3	2	1	3	3	2	8	6	6	3	3	2	4	3	3	18	13	11
Health Sciences	26	24	22	35	35	36	171	97	74	14	14	10	43	42	30	133	106	77
Mathematics and Computer Sciences	3	4	3	5	3	3	16	14	10	2	2	2	5	4	3	21	19	14
Other Fields	5	4	4	4	5	6	13	13	11	4	4	6	5	6	6	17	19	14
Physical and Earth Sciences	1	1	1	1	1	1	3	3	2	2	2	2	3	3	2	10	7	6
Public Administration and Services	18	18	21	21	17	25	61	25	25	18	17	19	19	17	12	53	26	23
Social and Behavioral Sciences	11	10	18	5	5	5	15	9	7	6	7	8	9	8	7	20	13	10
All Fields	83	88	82	195	197	204	643	499	437	54	55	51	219	209	183	759	683	543

C13. Total Graduate Enrollment by Broad Field, Race, and Ethnicity, 2019 to 2024 (US Citizens/Permanent Residents Only), continued

Field	Small Institutions Average Total Enrollment			Medium Institutions Average Total Enrollment			Large Institutions Average Total Enrollment			Small Institutions Average Total Enrollment			Medium Institutions Average Total Enrollment			Large Institutions Average Total Enrollment		
	2024	2023	2019	2024	2023	2019	2024	2023	2019	2024	2023	2019	2024	2023	2019	2024	2023	2019
	Native Hawaiian/Other Pacific Islander									White								
Arts and Humanities	0	0	0	0	0	0	0	0	0	12	13	14	20	20	24	34	36	45
Biological and Agricultural Sciences	0	0	0	0	0	0	0	0	0	34	27	30	37	43	48	141	150	150
Business	0	0	0	0	0	0	1	1	1	47	50	60	102	104	122	249	250	262
Education	0	0	0	0	0	0	1	1	0	39	29	30	63	47	49	109	73	87
Engineering	0	0	0	0	0	0	0	0	0	12	11	11	23	22	23	74	57	65
Health Sciences	0	0	0	0	0	0	2	1	1	98	99	95	221	229	262	497	464	470
Mathematics and Computer Sciences	0	0	0	0	0	0	0	0	0	9	11	15	21	21	23	86	87	83
Other Fields	0	0	0	0	0	0	0	0	0	21	17	19	25	30	39	66	72	75
Physical and Earth Sciences	0	0	0	0	0	0	0	0	0	12	16	18	17	18	22	54	41	46
Public Administration and Services	0	0	0	0	0	0	1	0	0	35	31	39	57	46	57	151	90	103
Social and Behavioral Sciences	0	0	0	0	0	0	0	0	0	25	26	29	28	26	31	59	45	49
All Fields	1	1	1	2	2	2	8	8	7	297	312	348	918	925	1033	2747	2715	2908

C13. Total Graduate Enrollment by Broad Field, Race, and Ethnicity, 2019 to 2024 (US Citizens/Permanent Residents Only), continued

Field	Small Institutions Average Total Enrollment			Medium Institutions Average Total Enrollment			Large Institutions Average Total Enrollment			Small Institutions Average Total Enrollment			Medium Institutions Average Total Enrollment			Large Institutions Average Total Enrollment		
	2024	2023	2019	2024	2023	2019	2024	2023	2019	2024	2023	2019	2024	2023	2019	2024	2023	2019
	Race/Ethnicity Unknown									Two or More Races								
Arts and Humanities	1	2	2	1	1	1	2	2	3	1	1	0	1	1	1	3	3	3
Biological and Agricultural Sciences	2	2	3	3	2	3	8	8	9	2	2	1	3	3	3	12	12	9
Business	4	6	9	7	8	11	26	24	24	3	3	2	6	6	5	18	16	13
Education	2	1	3	3	2	2	7	4	4	2	1	1	3	2	2	7	5	5
Engineering	1	1	1	2	2	2	7	5	4	1	1	0	1	1	1	6	4	4
Health Sciences	10	8	13	19	17	35	39	29	32	5	5	3	12	12	10	36	31	23
Mathematics and Computer Sciences	1	1	2	3	2	3	18	15	8	1	1	1	2	1	1	8	7	5
Other Fields	2	1	2	2	2	4	6	7	5	1	2	1	2	2	2	5	5	4
Physical and Earth Sciences	1	0	1	1	1	1	3	2	2	1	1	1	1	1	1	4	3	2
Public Administration and Services	3	2	5	7	2	3	8	4	6	3	2	3	4	3	3	12	7	6
Social and Behavioral Sciences	2	1	3	2	2	2	5	3	4	2	2	2	2	2	2	5	4	3
All Fields	25	23	35	65	63	77	231	205	209	16	16	13	53	51	45	211	195	163

C13. Total Graduate Enrollment by Broad Field, Race, and Ethnicity, 2019 to 2024 (US Citizens/Permanent Residents Only), continued

Field	Small Institutions Average Total Enrollment			Medium Institutions Average Total Enrollment			Large Institutions Average Total Enrollment		
	2024	2023	2019	2024	2023	2019	2024	2023	2019
	US Citizens and Permanent Residents								
Arts and Humanities	19	21	22	31	30	35	54	56	66
Biological and Agricultural Sciences	55	44	45	62	67	71	240	249	227
Business	86	91	102	181	181	199	475	457	432
Education	61	46	50	103	75	75	197	125	135
Engineering	22	19	18	39	34	34	139	103	103
Health Sciences	163	160	151	359	365	402	976	811	745
Mathematics and Computer Sciences	18	23	24	42	36	38	206	190	151
Other Fields	35	30	33	43	47	59	120	127	117
Physical and Earth Sciences	18	21	24	25	26	29	82	62	63
Public Administration and Services	80	72	90	111	88	103	300	160	171
Social and Behavioral Sciences	48	49	53	50	46	50	113	79	79
All Fields	502	524	547	1566	1548	1647	5176	4841	4699

C14. Doctorate-Level Total Enrollment by Broad Field and Gender, 2019 to 2024

Field	Small Institutions								
	Total			Men			Women		
	Average Total Enrollment			Average Total Enrollment			Average Total Enrollment		
	2024	2023	2019	2024	2023	2019	2024	2023	2019
Arts and Humanities	2	1	2	1	1	1	1	1	1
Biological and Agricultural Sciences	36	28	23	15	11	11	21	16	12
Business	5	4	4	2	1	2	3	2	2
Education	8	6	6	2	2	2	6	4	4
Engineering	13	10	9	10	7	7	4	3	2
Health Sciences	39	50	35	11	14	10	28	36	25
Mathematics and Computer Sciences	2	3	2	2	2	1	1	1	1
Other Fields	8	2	1	3	1	0	5	1	1
Physical and Earth Sciences	14	17	17	7	9	10	7	8	7
Public Administration and Services	3	4	1	0	1	0	3	3	0
Social and Behavioral Sciences	16	14	15	4	3	4	12	10	11
All Fields	101	97	88	35	33	33	66	64	55

C14. Doctorate-Level Total Enrollment by Broad Field and Gender, 2019 to 2024, continued

Field	Medium Institutions								
	Total			Men			Women		
	Average Total Enrollment			Average Total Enrollment			Average Total Enrollment		
	2024	2023	2019	2024	2023	2019	2024	2023	2019
Arts and Humanities	8	7	8	3	3	4	4	4	5
Biological and Agricultural Sciences	30	36	36	12	15	17	17	20	20
Business	7	5	3	3	2	2	4	3	2
Education	23	14	14	7	4	5	16	10	10
Engineering	26	21	22	18	15	16	7	6	6
Health Sciences	114	114	122	30	30	32	83	84	91
Mathematics and Computer Sciences	16	16	14	11	11	10	4	5	4
Other Fields	9	9	13	4	4	7	5	5	6
Physical and Earth Sciences	29	24	25	17	14	15	12	10	9
Public Administration and Services	9	6	5	2	2	2	6	4	4
Social and Behavioral Sciences	17	13	15	5	4	5	11	9	10
All Fields	418	403	409	164	161	175	251	242	237

C14. Doctorate-Level Total Enrollment by Broad Field and Gender, 2019 to 2024, continued

Field	Large Institutions								
	Total			Men			Women		
	Average Total Enrollment			Average Total Enrollment			Average Total Enrollment		
	2024	2023	2019	2024	2023	2019	2024	2023	2019
Arts and Humanities	35	32	37	15	14	17	19	18	20
Biological and Agricultural Sciences	188	189	180	76	78	82	110	110	98
Business	36	20	21	17	11	12	18	9	9
Education	56	33	34	15	9	11	40	24	24
Engineering	126	78	81	86	55	59	38	24	22
Health Sciences	293	282	241	70	68	63	216	211	178
Mathematics and Computer Sciences	98	92	79	69	65	58	27	27	22
Other Fields	26	20	22	11	8	9	15	12	12
Physical and Earth Sciences	116	80	80	69	48	51	45	31	28
Public Administration and Services	28	13	12	7	4	4	20	9	8
Social and Behavioral Sciences	66	44	47	24	17	20	41	27	27
All Fields	2161	2065	2036	989	974	1025	1139	1081	1011

C15. Master's-Level Total Enrollment by Broad Field and Gender, 2019 to 2024

Field	Small Institutions								
	Total			Men			Women		
	Average Total Enrollment			Average Total Enrollment			Average Total Enrollment		
	2024	2023	2019	2024	2023	2019	2024	2023	2019
Arts and Humanities	0	0	0	0	0	0	0	0	0
Biological and Agricultural Sciences	6	6	4	2	2	2	4	3	2
Business	1	1	1	0	0	0	1	0	0
Education	2	1	1	1	0	0	1	1	1
Engineering	2	2	2	1	1	1	1	0	1
Health Sciences	11	14	10	2	4	3	8	11	8
Mathematics and Computer Sciences	1	1	0	1	0	0	0	0	0
Other Fields	3	0	0	1	0	0	2	0	0
Physical and Earth Sciences	3	3	3	1	1	1	1	1	1
Public Administration and Services	1	1	0	0	0	0	1	1	0
Social and Behavioral Sciences	3	2	3	1	1	1	2	2	2
All Fields	22	21	17	7	7	6	15	14	11

C15. Master's-Level Total Enrollment by Broad Field and Gender, 2019 to 2024, continued

Field	Medium Institutions								
	Total			Men			Women		
	Average Total Enrollment			Average Total Enrollment			Average Total Enrollment		
	2024	2023	2019	2024	2023	2019	2024	2023	2019
Arts and Humanities	1	1	1	1	0	1	1	1	1
Biological and Agricultural Sciences	5	6	6	2	2	3	3	4	4
Business	1	1	1	1	0	0	1	0	0
Education	4	2	2	1	1	1	3	2	2
Engineering	5	3	3	3	2	2	1	1	1
Health Sciences	28	25	27	8	6	7	20	19	21
Mathematics and Computer Sciences	3	3	3	2	2	2	1	1	1
Other Fields	2	1	2	1	1	1	1	1	1
Physical and Earth Sciences	5	4	5	3	2	3	2	2	2
Public Administration and Services	2	1	1	0	0	0	1	1	1
Social and Behavioral Sciences	3	2	2	1	1	1	2	1	2
All Fields	83	76	79	31	29	32	51	48	48

C15. Master's-Level Total Enrollment by Broad Field and Gender, 2019 to 2024, continued

Field	Large Institutions								
	Total			Men			Women		
	Average Total Enrollment			Average Total Enrollment			Average Total Enrollment		
	2024	2023	2019	2024	2023	2019	2024	2023	2019
Arts and Humanities	6	5	6	2	2	3	3	3	3
Biological and Agricultural Sciences	33	32	29	13	12	12	20	19	17
Business	7	4	4	3	2	2	3	2	2
Education	8	5	5	2	1	1	6	4	3
Engineering	23	13	13	15	9	9	7	4	4
Health Sciences	62	58	50	15	13	12	45	43	38
Mathematics and Computer Sciences	18	17	15	13	12	11	5	5	4
Other Fields	5	3	4	2	1	2	3	2	2
Physical and Earth Sciences	23	15	14	13	9	9	9	6	5
Public Administration and Services	4	2	2	1	1	1	3	2	1
Social and Behavioral Sciences	11	7	8	4	3	3	7	5	5
All Fields	390	359	367	176	166	178	207	190	189

C16. Graduate Degrees and Certificates Awarded by Degree Level and Institution Type, 2019 to 2024

Institution Type	Doctoral Degrees			Master's/Other Degrees			Graduate-Level Certificates		
	Average Degrees 2024	Average Degrees 2023	Average Degrees 2019	Average Degrees 2024	Average Degrees 2023	Average Degrees 2019	Average Degrees 2024	Average Degrees 2023	Average Degrees 2019
Small Institutions									
Private, not-for-profit	17	20	14	97	140	159	11	15	13
Public	8	10	9	104	143	126	12	12	12
Medium Institutions									
Private, not-for-profit	51	65	62	323	444	446	20	34	28
Public	36	48	43	323	412	389	36	42	29
Large Institutions									
Private, not-for-profit	176	216	199	1215	1634	1305	80	108	99
Public	181	231	225	1109	1491	1242	114	146	103

APPENDIX D

Taxonomy of Fields of Study

ARTS AND HUMANITIES

Arts—History, Theory, and Criticism

Art History, Criticism, and Conservation
Ethnomusicology
Music History, Literature, and Theory
Musicology
Theatre Literature, History and Criticism
Arts—History, Theory, and Criticism, Other

Arts—Performance and Studio

Arts, Entertainment, and Media Management
Crafts/Craft Design
Dance
Design and Applied Arts
Drama/Theatre Arts
Film/Video and Photographic Arts
Fine and Studio Arts
Music
Arts—Performance and Studio, Other

English Language and Literature

American Literature
English Language and Literature
English Literature
Rhetoric and Composition/ Writing Studies
English Language and Literatures, Other

Foreign Languages and Literatures

African Languages and Literatures
American Sign Language
Asiatic Languages and Literatures
Celtic Languages and Literatures

Classics and Classical Languages and Literatures
Germanic Languages and Literatures
Iranian/Persian Languages and Literatures
Modern Greek Language and Literature
Romance Languages and Literatures
Slavic, Baltic, and Albanian Languages and Literatures
Foreign Languages and Literatures, Other

History

American History
European History
History and Philosophy of Science and Technology
History, General
History, Other

Philosophy

Ethics
Logic
Philosophy
Philosophy, Other

Arts and Humanities, Other

Linguistic, Comparative, and Related Language Studies and Services
Humanities/Humanistic Studies
Liberal Arts and Sciences/ Liberal Arts
Arts and Humanities, Other

BIOLOGICAL AND AGRICULTURAL SCIENCES

Agriculture, Natural Resources, and Conservation

Agricultural and Domestic Animal Services
Agricultural and Food Products Processing

Agricultural Business and Management
Agricultural Economics
Agricultural Mechanization
Agricultural Production
Agricultural Public Services
Agriculture, General
Agronomy
Animal Sciences
Applied Horticulture
Fishing and Fisheries Sciences and Management
Food Science and Technology
Forestry
Horticultural Business Services
International Agriculture
Natural Resources and Conservation
Natural Resources Management and Policy
Parks, Recreation, and Leisure Facilities Management
Parks, Recreation, and Leisure Studies
Plant Sciences
Soil Sciences
Wildlife and Wildlands Science and Management
Agriculture, Natural Resources, and Conservation, Other

Biological and Biomedical Sciences

Anatomical Sciences
Animal Biology
Bacteriology
Biochemistry
Bioinformatics
Biology, General
Biomathematics
Biometry
Biophysics
Biotechnology
Botany/Plant Biology
Cell/Cellular Biology

Computational Biology
 Developmental Biology
 Ecology
 Entomology
 Epidemiology
 Evolution
 Genetics
 Immunology
 Microbiological Sciences
 Molecular Biology
 Molecular Medicine
 Neurosciences
 Parasitology
 Pathology
 Pharmacology
 Physiology
 Population Biology
 Systematics
 Toxicology
 Zoology
 Biological and Biomedical
 Sciences, Other

BUSINESS

Accounting

Accounting
 Auditing
 Taxation

Banking and Finance

Banking and Financial
 Support Services
 Credit Management
 Financial Planning and Services
 International Finance
 Investments and Securities
 Public Finance

Business Administration and Management

Business Administration
 and Management
 Business Operations
 Business/Commerce, General
 Construction Management
 E-Commerce
 Entrepreneurship
 Hospitality Administration/
 Management
 Human Resources Development
 Human Resources Management
 Labor and Industrial Relations

Logistics and Supply Chain
 Management
 Operations Management
 Organizational Leadership
 Organizational Management
 Project Management
 Small Business Operations
 Sport and Fitness
 Administration/Management
 Telecommunications
 Management
 Business Administration and
 Management, Other

Business, Other

Business Statistics
 Business/Corporate
 Communications
 Business/Managerial Economics
 Insurance
 International Business
 Management Information
 Systems
 Management Science
 Marketing
 Marketing Management
 Merchandising
 Real Estate
 Sales
 Business Fields, Other

EDUCATION

Education Administration

Educational Administration
 Educational Leadership
 Educational Supervision

Curriculum and Instruction

Curriculum and Instruction

Early Childhood Education

Early Childhood Education
 and Teaching
 Kindergarten/Preschool
 Education and Teaching

Elementary Education

Elementary Education
 and Teaching
 Elementary-Level Teaching
 Fields

Educational Assessment, Evaluation, and Research

Educational Assessment,
 Testing, and Measurement
 Educational Evaluation
 and Research
 Educational Psychology
 Educational Statistics and
 Research Methods
 Learning Sciences
 School Psychology

Higher Education

Higher Education
 Higher Education Administration

Secondary Education

Secondary Education
 and Teaching
 Secondary-Level Teaching Fields

Special Education

Education/Teaching of Students
 w/ Specific Disabilities
 Education/Teaching of Students
 w/ Specific Learning
 Disabilities
 Education/Teaching of the Gifted
 and Talented
 Special Education and Teaching
 Other Special Education Fields

Student Counseling and Personnel Services

College Student Counseling and
 Personnel Services
 Counselor Education
 School Counseling and
 Guidance Services
 Student Counseling
 and Personnel
 Services, Other

Education, Other

Adult and Continuing Education
 Bilingual, Multilingual, and
 Multicultural Education
 Education, General
 Educational/Instructional
 Media Design
 Health and Physical Education
 International and
 Comparative Education
 Junior High/Middle School
 Education and Teaching

Outdoor Education
Social and Philosophical
Foundations of Education
Teaching English as a Second or
Foreign Language
Other Education Fields

ENGINEERING

Chemical Engineering

Chemical and Biomolecular
Engineering
Chemical Engineering

Civil Engineering

Architectural Engineering
Civil Engineering
Construction Engineering
Environmental/Environmental
Health Engineering
Geotechnical and
Geoenvironmental Engineering
Structural Engineering
Surveying Engineering
Transportation and
Highway Engineering
Water Resources Engineering

Computer, Electrical, and Electronics Engineering

Computer Engineering
Computer Hardware Engineering
Computer Software Engineering
Electrical Engineering
Electronics Engineering
Laser and Optical Engineering
Telecommunications Engineering

Industrial Engineering

Industrial Engineering
Manufacturing Engineering
Operations Research

Materials Engineering

Ceramic Sciences and
Engineering
Materials Engineering
Materials Science
Metallurgical Engineering
Polymer/Plastics Engineering

Mechanical Engineering

Engineering Mechanics
Mechanical Engineering

Engineering, Other

Aeronautical Engineering
Aerospace Engineering
Agricultural Engineering
Biochemical Engineering
Biomedical/Medical Engineering
Electromechanical Engineering
Engineering Chemistry
Engineering Physics
Engineering Science
Forest Engineering
Geological/Geophysical
Engineering
Mining and Mineral Engineering
Naval Architecture and
Marine Engineering
Nuclear Engineering
Ocean Engineering
Paper Science and Engineering
Petroleum Engineering
Systems Engineering
Textile Sciences and Engineering
Engineering, Other

HEALTH AND MEDICAL SCIENCES

Allied Health
Alternative and
Complementary Medicine
Audiology
Bioethics/Medical Ethics
Chiropractic (excluding D.C.
and D.C.M.)
Clinical/Medical Laboratory
Science/Research
Communication Disorders
Sciences and Services
Dentistry and Oral Sciences
(excluding D.D.S. and D.M.D.)
Dietetics and Clinical Nutrition
Services
Environmental Health
Exercise Science
Health and Medical
Administrative Services
Health Sciences
Health/Medical Preparatory
Programs
Kinesiology
Medical Sciences (excluding M.D.)
Mental and Social Health
Services

Nursing
Nutrition Sciences
Occupational Therapy
Optometry (excluding O.D.)
Osteopathic Medicine
(excluding D.O.)
Pharmaceutical Sciences
(excluding Pharm.D.)
Physical Therapy
Physician Assistant
Podiatry (excluding D.P.M., D.P.
and Pod.D.)
Public Health
Rehabilitation and Therapy
Speech-Language Pathology
Veterinary Biomedical and
Clinical Science
Veterinary Medicine
(excluding D.V.M.)
Health and Medical Sciences,
Other

MATHEMATICS AND COMPUTER SCIENCES

Mathematical Sciences

Actuarial Science
Applied Mathematics
Mathematics
Probability
Statistics
Mathematical Sciences, Other

Computer and Information Sciences

Computer and Information
Sciences, General
Computer Programming
Computer Science
Computer Software and
Media Applications
Computer Systems Analysis
Computer Systems Networking
and Telecommunications
Computer/Information
Technology Administration
and Management
Data Processing
Information Sciences/Studies
Microcomputer Applications
Computer and Information
Sciences, Other

PHYSICAL AND EARTH SCIENCES

Chemistry

Analytical Chemistry
Chemical Plastics
Chemistry, General
Environmental Chemistry
Forensic Chemistry
Inorganic Chemistry
Medicinal and Pharmaceutical Chemistry
Organic Chemistry
Physical Chemistry
Polymer Chemistry
Theoretical Chemistry
Chemistry, Other

Earth, Atmospheric, and Marine Sciences

Aquatic Biology/Limnology
Atmospheric Sciences
Biological Oceanography
Earth Sciences
Geochemistry
Geological Sciences
Geophysics and Seismology
Geosciences
Hydrology
Marine Biology
Marine Sciences
Meteorology
Oceanography
Paleontology
Earth, Atmospheric, and Marine Sciences, Other

Physics and Astronomy

Acoustics
Astronomy
Astrophysics
Atomic/Molecular Physics
Condensed Matter and Materials Physics
Elementary Particle Physics
Nuclear Physics
Optics/Optical Sciences
Physics
Planetary Astronomy and Science
Plasma and High-Temperature Physics
Solid State Physics

Theoretical and Mathematical Physics

Physics and Astronomy, Other

Natural Sciences, Other

Natural Sciences, General
Physical Sciences, General
Science Technologies
Natural Sciences, Other

PUBLIC ADMINISTRATION AND SERVICES

Public Administration

Community Organization and Advocacy
Public Administration

Social Work

Social Work
Youth Services/Administration
Social Work, Other

SOCIAL AND BEHAVIORAL SCIENCES

Anthropology and Archaeology

Anthropology
Archaeology

Economics

Applied Economics
Econometrics
Economics
International Economics

Political Science

International Relations
Political Science and Government
Public Policy Analysis

Psychology

Applied Psychology
Clinical Psychology
Cognitive Psychology
Community Psychology
Comparative Psychology
Counseling Psychology
Developmental and Child Psychology
Experimental Psychology
Forensic Psychology
Industrial and Organizational Psychology
Personality Psychology

Physiological Psychology
Psycholinguistics
Psychology, General
Psychometrics
Psychopharmacology
Quantitative Psychology
Research and Experimental Psychology
Social Psychology
Psychology, Other

Sociology

Demography
Rural Sociology
Sociology

Social Sciences, Other

Adult Development and Aging Area, Ethnic, Cultural, Gender, and Group Studies
Criminal Justice/Criminology
Geography and Cartography
Gerontology
Social Sciences, General
Urban Studies/Affairs
Social Sciences, Other

OTHER FIELDS

Architecture and Environmental Design

Architectural History and Criticism
Architectural Sciences and Technology
Architecture
City/Urban, Community and Regional Planning
Environmental Design
Interior Architecture
Landscape Architecture
Real Estate Development
Architecture and Environmental Design, Other

Communications and Journalism

Advertising
Communication and Media Studies
Communications Technologies
Journalism
Mass Communication
Public Relations
Publishing

Radio, Television, and
Digital Communication
Speech Communication
Communications and
Journalism, Other

Family and Consumer Sciences

Apparel and Textiles
Family and Consumer Economics
Family and Consumer Sciences
Family Studies
Foods, Nutrition, and
Wellness Studies
Housing and Human
Environments
Human Development
Human Sciences
Work and Family Studies
Family and Consumer Sciences,
Other

Library and Archival Sciences

Archives/Archival Administration
Library and Information Science
Library and Archival Sciences,
Other

Religion and Theology

Philosophy and Religious
Studies, General
Religion/Religious Studies
Theology and Religious
Vocations (excluding M.Div.,
M.H.L., B.D., and Ordination)
Religion and Theology, Other

Other Fields

Fire Protection
Homeland Security
Interdisciplinary Studies
Legal Research and
Professional Studies
(excluding L.L.B. and J.D.)
Military Technologies
Multidisciplinary Studies
Other Fields Not Previously
Classified

APPENDIX E

Survey Instrument

CGS/ETS® Survey of Graduate Enrollment and Degrees

2024 Data Sheet

Institution:

Institution Code:

Print

I. Graduate Enrollment for 2024 Fall Term								
	First Time				Total (Includes First Time)			
	Men	Women	Other	Total	Men	Women	Other	Total
Master's and Other								
Doctorate								
Total								
Full Time								
Part Time								
Total								

II. Number of Degrees Conferred between July 1, 2023, and June 30, 2024				
	Men	Women	Other	Total
Master's and Other				
Doctorate				
Graduate Certificate				

III. Number of Completed Applications Submitted for 2024 Fall Term			
	Master's and Other*	Doctorate	Total
Accepted			
Not Accepted			
Total			

IV. Graduate Enrollment by Race/Ethnicity for 2024 Fall Term									
		First-Time				Total (Includes First Time)			
		Men	Women	Other	Total	Men	Women	Other	Total
Non-Resident Aliens (Temporary Residents)									
U.S Citizens and Permanent Residents	Hispanic/Latino (of any race)								
	Non-Hispanic	American Indian/Alaskan Native							
		Asian							
		Black/African American							
		Native Hawaiian/Other Pacific Islander							
		White							
		Two or More Races							
		Race/Ethnicity Unknown							
Citizenship Unknown									
Total									

NOTE: The new "Other" gender category includes students whose gender identity is not specified as male or female, or is unknown. The "Master's and Other" category includes other non-doctoral programs (for example, graduate certificate programs and educational specialist programs) except in Question II where graduate certificates are reported separately.



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