

# **GRADUATE ENROLLMENT AND DEGREES: 2013 TO 2023**

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Tables and Appendices



# 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 will be available in early 2025 exclusively to CGS member institutions at [www.cgsnet.org](http://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 racial/ethnic data included in this report are collected from institutional records based on graduate students' self-reports. Accordingly, the number of students in any given racial/ethnic category is subject to individual interpretation on the part of students as they complete registration forms. 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 trends are aggregated to correspond with the earlier definitions of Asian/Pacific Islander and Other/Unknown, to permit a comparable examination.

In some sections of this report, data are presented by Carnegie Classification based on the 2018 Carnegie Classification of Institutions of Higher Education, using the “basic” classification. The 33 “basic” classification categories are aggregated to five categories in this report as follows:

**R1: Doctoral Universities – Very High Research Activity**—Universities with very high research activity that award at least 20 doctorates per year.

**R2: Doctoral Universities – High Research Activity**—Universities with High Research activity that award at least 20 doctorates per year.

**D/PU: Doctoral/Professional Universities**—Universities with below 20 research/scholarship doctoral degrees that awarded at least 30 professional practice doctoral degrees in at least 2 programs.

**Master's Colleges and Universities**—Institutions that award at least 50 master's degrees and fewer than 20 doctorates per year.

**Other**—Includes baccalaureate institutions awarding fewer than 50 master's degrees or 20 doctorates per year, as well as institutions awarding graduate degrees where a high concentration of degrees is in a single field or set of related fields (e.g., theological seminaries, medical schools, health profession schools, schools of engineering, etc.).

Since the institutions responding to the survey differ slightly from year-to-year, the trend data are limited to only those institutions that responded to the CGS/ETS Survey of Graduate Enrollment and Degrees in those years being compared.

**One-year Comparisons**—One-year comparisons, which are reported as percentages, are based on data collected from only those institutions that responded to both the 2022 and 2023 surveys.

**Five-year Average Annual Changes**—Five-year average annual changes, which are reported as percentages, are based on data collected from only those institutions that responded to both the 2018 and 2023 surveys.

**Ten-year Average Annual Changes**—Ten-year average annual changes, which are reported as percentages, are based on data collected from only those institutions that responded to both the 2013 and 2023 surveys.

**Trend Lines**—Trend lines were constructed using data collected from only those institutions that responded to all surveys from 2013 through 2023.

## Other Notes

In some cases, survey respondents were unable to provide data for one or more categories or variables. Thus, not all tables and figures in this report include data from all 558 institutions that responded to the 2023 CGS/ETS Survey of Graduate Enrollment and Degrees. Data were not imputed for missing fields or for non-responding institutions. Also, while the reporting guidelines and definitions of degree programs have not changed between 2013 and 2023, the interpretation of these guidelines and definitions by individual institutions may have changed due to various reasons. 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 on graduate applications and first-time graduate enrollment, their data are suppressed from this report.

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**Table B.1 Applications for Admission to Graduate School by Institution Type, Carnegie Classification, and Degree Level, Fall 2023**

Carnegie Classification and Institution Type **	Doctoral			Master's/Other *			Total		
	Total	Accepted Applications		Total	Accepted Applications		Total	Accepted Applications	
<b>Total</b>	<b>817,048</b>	<b>171,228</b>	<b>21.0%</b>	<b>1,981,780</b>	<b>1,002,736</b>	<b>50.6%</b>	<b>2,799,030</b>	<b>1,174,153</b>	<b>41.9%</b>
<i>Public</i>	472,613	113,567	24.0%	1,154,366	610,516	52.9%	1,627,181	724,272	44.5%
<i>Private, not-for-profit</i>	344,413	57,646	16.7%	820,264	385,797	47.0%	1,164,677	443,443	38.1%
<i>Private, for-profit</i>	N/A	N/A		N/A	N/A		N/A	N/A	
<b>Doctoral: Very High Research</b>	<b>677,814</b>	<b>120,961</b>	<b>17.8%</b>	<b>1,146,043</b>	<b>541,796</b>	<b>47.3%</b>	<b>1,823,857</b>	<b>662,757</b>	<b>36.3%</b>
<i>Public</i>	393,768	86,983	22.1%	692,806	348,918	50.4%	1,086,574	435,901	40.1%
<i>Private, not-for-profit</i>	284,046	33,978	12.0%	453,237	192,878	42.6%	737,283	226,856	30.8%
<i>Private, for-profit</i>	N/A	N/A		N/A	N/A		N/A	N/A	
<b>Doctoral: High Research</b>	<b>80,806</b>	<b>25,750</b>	<b>31.9%</b>	<b>355,339</b>	<b>192,032</b>	<b>54.0%</b>	<b>436,145</b>	<b>217,782</b>	<b>49.9%</b>
<i>Public</i>	52,282	17,953	34.3%	244,732	130,106	53.2%	297,014	148,059	49.8%
<i>Private, not-for-profit</i>	28,524	7,797	27.3%	110,607	61,926	56.0%	139,131	69,723	50.1%
<i>Private, for-profit</i>	N/A	N/A		N/A	N/A		N/A	N/A	
<b>Doctoral/Professional Universities</b>	<b>19,302</b>	<b>9,664</b>	<b>50.1%</b>	<b>171,995</b>	<b>91,341</b>	<b>53.1%</b>	<b>191,297</b>	<b>101,005</b>	<b>52.8%</b>
<i>Public</i>	5,328	2,666	50.0%	45,259	29,913	66.1%	50,587	32,579	64.4%
<i>Private, not-for-profit</i>	13,974	6,998	50.1%	126,736	61,428	48.5%	140,710	68,426	48.6%
<i>Private, for-profit</i>	N/A	N/A		N/A	N/A		N/A	N/A	
<b>Master's Colleges and Universities</b>	<b>15,043</b>	<b>7,414</b>	<b>49.3%</b>	<b>263,978</b>	<b>160,417</b>	<b>60.8%</b>	<b>279,223</b>	<b>168,020</b>	<b>60.2%</b>
<i>Public</i>	6,540	2,865	43.8%	156,363	96,396	61.6%	163,105	99,450	61.0%
<i>Private, not-for-profit</i>	8,481	4,534	53.5%	102,027	58,433	57.3%	110,508	62,967	57.0%
<i>Private, for-profit</i>	N/A	N/A		N/A	N/A		N/A	N/A	
<b>Other</b>	<b>24,083</b>	<b>7,439</b>	<b>30.9%</b>	<b>44,425</b>	<b>17,150</b>	<b>38.6%</b>	<b>68,508</b>	<b>24,589</b>	<b>35.9%</b>
<i>Public</i>	14,695	3,100	21.1%	15,206	5,183	34.1%	29,901	8,283	27.7%
<i>Private, not-for-profit</i>	9,388	4,339	46.2%	27,657	11,132	40.3%	37,045	15,471	41.8%
<i>Private, for-profit</i>	N/A	N/A		N/A	N/A		N/A	N/A	

\* Includes applications to graduate-level certificate and education specialist programs.

\*\* See Appendix A for information about the Carnegie Classification system.

**Notes:** Because not all institutions responded to all items, details may not sum to totals. N/A = Not applicable. S = Suppressed due to small number of institutional respondents in this category.

**Table B.2 Applications for Admission to Graduate School by Broad Field and Degree Level, Fall 2023**

Broad Field	Doctoral			Master's/Other *			Total		
	Total	Accepted Applications		Total	Accepted Applications		Total	Accepted Applications	
<b>Total</b>	<b>820,103</b>	<b>171,616</b>	<b>20.9%</b>	<b>2,007,958</b>	<b>1,005,765</b>	<b>50.1%</b>	<b>2,828,061</b>	<b>1,177,570</b>	<b>41.6%</b>
Arts and Humanities	58,590	9,495	16.2%	81,058	32,875	40.6%	139,648	42,370	30.3%
Biological and Agricultural Sciences	111,835	17,480	15.6%	66,957	32,006	47.8%	178,792	49,486	27.7%
Business	21,473	3,677	17.1%	275,817	150,315	54.5%	297,290	154,025	51.8%
Education	28,165	12,156	43.2%	119,583	80,645	67.4%	147,748	92,801	62.8%
Engineering	109,268	24,366	22.3%	203,686	102,660	50.4%	312,954	127,026	40.6%
Health Sciences	61,697	23,278	37.7%	185,350	85,738	46.3%	247,047	109,016	44.1%
Mathematics and Computer Sciences	77,769	14,246	18.3%	409,358	167,962	41.0%	487,127	182,208	37.4%
Physical and Earth Sciences	88,639	17,915	20.2%	20,202	8,873	43.9%	108,841	26,788	24.6%
Public Administration and Services	4,661	1,468	31.5%	54,359	37,262	68.5%	59,020	38,730	65.6%
Social and Behavioral Sciences	124,273	15,427	12.4%	101,531	55,843	55.0%	225,804	71,271	31.6%
Other Fields	23,159	4,972	21.5%	144,190	81,381	56.4%	167,349	86,353	51.6%

\* Includes applications to graduate-level certificate and education specialist programs.

**Notes:** Because not all institutions responded to all items, details may not sum to totals. See Appendix D for the survey taxonomy.



**Table B.3 First-Time Graduate Enrollment by Institution Type, Carnegie Classification, Gender, and Attendance Status, Fall 2023**

<b>Carnegie Classification and Institution Type *</b>	<b>Total</b>	<b>Men</b>		<b>Women</b>		<b>Full-Time</b>		<b>Part-Time</b>	
<b>Total</b>	<b>543,570</b>	<b>227,074</b>	<b>42.0%</b>	<b>312,969</b>	<b>58.0%</b>	<b>380,824</b>	<b>70.1%</b>	<b>162,746</b>	<b>29.9%</b>
<i>Public</i>	361,730	152,418	42.4%	207,300	57.6%	245,172	67.8%	116,558	32.2%
<i>Private, not-for-profit</i>	174,051	72,707	42.1%	100,074	57.9%	132,220	76.0%	41,831	24.0%
<i>Private, for-profit</i>	S	S		S		S		S	
<b>Doctoral: Very High Research</b>	<b>293,107</b>	<b>137,335</b>	<b>47.2%</b>	<b>153,545</b>	<b>52.8%</b>	<b>225,343</b>	<b>76.9%</b>	<b>67,764</b>	<b>23.1%</b>
<i>Public</i>	207,673	97,091	47.1%	109,044	52.9%	153,502	73.9%	54,171	26.1%
<i>Private, not-for-profit</i>	85,434	40,244	47.5%	44,501	52.5%	71,841	84.1%	13,593	15.9%
<i>Private, for-profit</i>	N/A	N/A		N/A		N/A		N/A	
<b>Doctoral: High Research</b>	<b>99,276</b>	<b>39,559</b>	<b>40.0%</b>	<b>59,261</b>	<b>60.0%</b>	<b>64,708</b>	<b>65.2%</b>	<b>34,568</b>	<b>34.8%</b>
<i>Public</i>	68,728	26,896	39.3%	41,598	60.7%	43,420	63.2%	25,308	36.8%
<i>Private, not-for-profit</i>	30,548	12,663	41.8%	17,663	58.2%	21,288	69.7%	9,260	30.3%
<i>Private, for-profit</i>	N/A	N/A		N/A		N/A		N/A	
<b>Doctoral/Professional Universities</b>	<b>53,490</b>	<b>16,102</b>	<b>30.3%</b>	<b>36,973</b>	<b>69.7%</b>	<b>32,981</b>	<b>61.7%</b>	<b>20,509</b>	<b>38.3%</b>
<i>Public</i>	19,084	5,965	31.3%	13,103	68.7%	10,256	53.7%	8,828	46.3%
<i>Private, not-for-profit</i>	28,647	9,322	32.7%	19,171	67.3%	19,791	69.1%	8,856	30.9%
<i>Private, for-profit</i>	S	S		S		S		S	
<b>Master's Colleges and Universities</b>	<b>86,955</b>	<b>30,475</b>	<b>35.2%</b>	<b>56,137</b>	<b>64.8%</b>	<b>49,419</b>	<b>56.8%</b>	<b>37,536</b>	<b>43.2%</b>
<i>Public</i>	61,136	21,142	34.7%	39,847	65.3%	34,467	56.4%	26,669	43.6%
<i>Private, not-for-profit</i>	24,101	8,267	34.6%	15,638	65.4%	14,735	61.1%	9,366	38.9%
<i>Private, for-profit</i>	N/A	N/A		N/A		N/A		N/A	
<b>Other</b>	<b>10,742</b>	<b>3,603</b>	<b>33.8%</b>	<b>7,053</b>	<b>66.2%</b>	<b>8,373</b>	<b>77.9%</b>	<b>2,369</b>	<b>22.1%</b>
<i>Public</i>	5,109	1,324	26.3%	3,708	73.7%	3,527	69.0%	1,582	31.0%
<i>Private, not-for-profit</i>	5,321	2,211	41.6%	3,101	58.4%	4,565	85.8%	756	14.2%
<i>Private, for-profit</i>	N/A	N/A		N/A		N/A		N/A	

\*\* See Appendix A for information about the Carnegie Classification system.

**Notes:** Because not all institutions responded to all items, details may not sum to totals. N/A = Not applicable. S = Suppressed due to small number of institutional respondents in this category.

**Table B.4 First-Time Graduate Enrollment by Broad Field, Gender, and Attendance Status, Fall 2023**

Broad Field	Total	Men	Women	Full-Time	Part-Time				
<b>Total</b>	<b>545,408</b>	<b>227,790</b>	<b>42.0%</b>	<b>313,932</b>	<b>58.0%</b>	<b>382,357</b>	<b>70.1%</b>	<b>163,051</b>	<b>29.9%</b>
Arts and Humanities	21,250	8,550	40.8%	12,430	59.2%	17,019	80.1%	4,231	19.9%
Biological and Agricultural Sciences	25,603	9,344	36.7%	16,114	63.3%	21,419	83.7%	4,184	16.3%
Business	75,116	40,444	53.9%	34,652	46.1%	50,704	67.5%	24,399	32.5%
Education	63,782	14,467	22.8%	49,062	77.2%	29,394	46.1%	34,362	53.9%
Engineering	45,100	31,688	70.6%	13,225	29.4%	36,777	81.5%	8,323	18.5%
Health Sciences	65,860	12,950	19.9%	52,222	80.1%	45,039	68.4%	20,821	31.6%
Mathematics and Computer Sciences	58,072	38,159	65.9%	19,709	34.1%	45,861	79.0%	12,211	21.0%
Physical and Earth Sciences	11,862	6,521	55.4%	5,255	44.6%	10,780	91.1%	1,057	8.9%
Public Administration and Services	23,821	4,821	20.4%	18,773	79.6%	17,127	71.9%	6,694	28.1%
Social and Behavioral Sciences	34,189	11,051	32.6%	22,861	67.4%	25,630	75.0%	8,559	25.0%
Other Fields	38,028	14,358	38.3%	23,117	61.7%	26,278	69.1%	11,750	30.9%

**Table B.5 First-Time Graduate Enrollment by Gender, Attendance Status, and Broad Field, Fall 2023**

Broad Field	Men				Women			
Broad Field	Full-time		Part-time		Full-Time		Part-Time	
<b>Total</b>	<b>168,072</b>	<b>73.8%</b>	<b>59,632</b>	<b>26.2%</b>	<b>211,386</b>	<b>67.4%</b>	<b>102,253</b>	<b>32.6%</b>
Arts and Humanities	6,993	81.9%	1,550	18.1%	9,774	78.7%	2,646	21.3%
Biological and Agricultural Sciences	7,886	84.4%	1,458	15.6%	13,399	83.2%	2,715	16.8%
Business	27,991	69.2%	12,438	30.8%	22,695	65.5%	11,937	34.5%
Education	7,050	48.8%	7,385	51.2%	22,183	45.4%	26,714	54.6%
Engineering	25,515	80.5%	6,173	19.5%	11,117	84.1%	2,108	15.9%
Health Sciences	9,333	72.1%	3,617	27.9%	35,242	67.5%	16,980	32.5%
Mathematics and Computer Sciences	29,996	78.6%	8,161	21.4%	15,734	79.8%	3,975	20.2%
Physical and Earth Sciences	5,928	91.1%	577	8.9%	4,770	90.9%	476	9.1%
Public Administration and Services	3,297	68.5%	1,513	31.5%	13,608	72.7%	5,109	27.3%
Social and Behavioral Sciences	8,536	77.4%	2,493	22.6%	16,834	73.8%	5,983	26.2%
Other Fields	10,386	72.3%	3,972	27.7%	15,474	66.9%	7,643	33.1%

**Notes:** Because not all institutions responded to all items, details may not sum to totals. See Appendix D for the survey taxonomy.

**Table B.6 First-Time Graduate Enrollment by Broad Field and Degree Level, Fall 2023**

Broad Field	Total	Doctoral		Master's/Other*	
<b>Total</b>	<b>545,408</b>	85,123	15.6%	460,475	84.4%
Arts and Humanities	21,250	4,736	22.3%	16,514	77.7%
Biological and Agricultural Sciences	25,603	9,411	36.8%	16,192	63.2%
Business	75,116	1,875	2.5%	73,241	97.5%
Education	63,782	8,194	12.8%	55,723	87.2%
Engineering	45,100	10,529	23.3%	34,571	76.7%
Health Sciences	65,860	13,762	20.9%	52,110	79.1%
Mathematics and Computer Sciences	58,072	5,681	9.8%	52,391	90.2%
Physical and Earth Sciences	11,862	7,360	62.0%	4,518	38.0%
Public Administration and Services	23,821	869	3.6%	22,952	96.4%
Social and Behavioral Sciences	34,189	7,542	22.1%	26,652	77.9%
Other Fields	38,028	2,428	6.4%	35,600	93.6%

**Table B.7 First-Time Graduate Enrollment by Degree Level, Gender, and Broad Field, Fall 2023**

Broad Field	Doctoral				Master's/Other*			
	Men		Women		Men		Women	
<b>Total</b>	<b>36,735</b>	<b>43.5%</b>	<b>47,644</b>	<b>56.5%</b>	<b>190,989</b>	<b>41.8%</b>	<b>266,162</b>	<b>58.2%</b>
Arts and Humanities	2,140	45.9%	2,526	54.1%	6,403	39.3%	9,894	60.7%
Biological and Agricultural Sciences	3,645	39.0%	5,693	61.0%	5,699	35.4%	10,421	64.6%
Business	907	48.4%	968	51.6%	39,530	54.0%	33,669	46.0%
Education	2,183	26.7%	5,979	73.3%	12,261	22.2%	43,072	77.8%
Engineering	7,101	67.8%	3,376	32.2%	24,587	71.4%	9,849	28.6%
Health Sciences	3,291	24.2%	10,327	75.8%	9,663	18.7%	41,903	81.3%
Mathematics and Computer Sciences	3,999	71.1%	1,623	28.9%	34,158	65.4%	18,086	34.6%
Physical and Earth Sciences	4,229	58.0%	3,064	42.0%	2,298	51.1%	2,201	48.9%
Public Administration and Services	266	30.8%	597	69.2%	4,544	20.0%	18,120	80.0%
Social and Behavioral Sciences	2,682	36.0%	4,765	64.0%	8,349	31.6%	18,055	68.4%
Other Fields	1,000	41.6%	1,401	58.4%	13,358	38.1%	21,716	61.9%

\* Includes applications to graduate-level certificate and education specialist programs.

**Notes:** Because not all institutions responded to all items, details may not sum to totals. N/A = Not applicable. S = Suppressed due to small number of institutional respondents in this category.

**Table B.8 First-Time Graduate Enrollment by Institution Level, Carnegie Classification, and Citizenship, Fall 2023**

Institution Type and Carnegie Classification*	Total	U.S. Citizens and Permanent Residents		Temporary Residents	
<b>Total</b>	<b>543,570</b>	<b>396,807</b>	<b>73.3%</b>	<b>144,857</b>	<b>26.7%</b>
<b>Institution Type</b>					
Public	361,730	274,327	75.9%	87,070	24.1%
Private, not-for-profit	174,051	115,029	66.7%	57,532	33.3%
Private, for-profit	S	S		S	
<b>Carnegie Classification</b>					
Doctoral: Very High Research	293,107	194,057	66.3%	98,800	33.7%
Doctoral: High Research	99,276	76,414	77.0%	22,840	23.0%
Doctoral/Professional Universities	53,490	45,133	86.6%	6,978	13.4%
Master's Colleges and Universities	86,955	73,626	84.9%	13,090	15.1%
Other	10,824	7,646	70.7%	3,162	29.3%

\* See Appendix A for information about the Carnegie Classification system.

**Table B.9 First-Time Graduate Enrollment by Broad Field and Citizenship, Fall 2023**

Broad Field	Total	U.S. Citizens and Permanent Residents		Temporary Residents	
<b>Total</b>	<b>545,408</b>	<b>398,388</b>	<b>73.3%</b>	<b>145,114</b>	<b>26.7%</b>
Arts and Humanities	21,250	16,343	77.0%	4,885	23.0%
Biological and Agricultural Sciences	25,603	19,052	74.5%	6,533	25.5%
Business	75,116	54,979	74.8%	18,553	25.2%
Education	63,782	59,690	94.6%	3,402	5.4%
Engineering	45,100	21,216	47.1%	23,847	52.9%
Health Sciences	65,860	61,041	93.0%	4,618	7.0%
Mathematics and Computer Sciences	58,072	19,567	33.7%	38,493	66.3%
Physical and Earth Sciences	11,862	7,318	61.6%	4,560	38.4%
Public Administration and Services	23,821	22,537	94.7%	1,263	5.3%
Social and Behavioral Sciences	34,189	26,587	79.3%	6,959	20.7%
Other Fields	38,028	27,010	71.4%	10,805	28.6%

**Notes:** Because not all institutions responded to all items, details may not sum to totals. Percentages are based on total of known citizenship. See Appendix D for the survey taxonomy.

**Table B.10 First-Time Graduate Enrollment by Citizenship, Race/Ethnicity, and Gender, Fall 2023**

Citizenship and Race/ Ethnicity	Total	Men		Women	
		Count	Percentage	Count	Percentage
<b>Total</b>	<b>545,408</b>	<b>227,790</b>	<b>42.0%</b>	<b>313,932</b>	<b>58.0%</b>
U.S. Citizens and Permanent Residents	398,388	144,924	36.7%	250,099	63.3%
Hispanic	59,449	20,489	34.7%	38,581	65.3%
Non-Hispanic:					
American Indian/Alaska Native	1,823	545	30.1%	1,264	69.9%
Asian	36,438	15,821	43.7%	20,363	56.3%
Black/African American	49,114	14,861	30.4%	33,963	69.6%
Native Hawaiian/Other Pacific Islander	609	245	40.5%	360	59.5%
White	218,130	80,133	37.0%	136,327	63.0%
Two or More Races	15,503	5,764	37.5%	9,604	62.5%
Race/Ethnicity Unknown	17,322	7,066	42.3%	9,637	57.7%
Temporary Residents	145,114	82,429	57.0%	62,168	43.0%
Citizenship Unknown	804	139	22.3%	484	77.7%

*Notes: Because not all institutions responded to all items, details may not sum to totals. Percentages are based on total of known gender within each citizenship and race/ethnicity category. See Appendix A for a description of each citizenship and race/ethnicity category.*

**Table B.11 First-Time Graduate Enrollment by Broad Field and Race/Ethnicity (U.S. Citizens and Permanent Residents only), Fall 2023**

Broad Field	Hispanic/Latino		American Indian/Alaska Native		Asian		Black/African American	
	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage
<b>Total</b>	<b>59,449</b>	<b>14.9%</b>	<b>1,823</b>	<b>0.5%</b>	<b>36,438</b>	<b>9.1%</b>	<b>49,114</b>	<b>12.3%</b>
Arts and Humanities	2,392	14.6%	88	0.5%	985	6.0%	1,281	7.8%
Biological and Agricultural Sciences	2,561	13.4%	63	0.3%	2,321	12.2%	1,564	8.2%
Business	7,554	13.7%	219	0.4%	6,165	11.2%	6,435	11.7%
Education	9,570	16.0%	293	0.5%	2,314	3.9%	8,602	14.4%
Engineering	2,860	13.5%	50	0.2%	3,786	17.8%	1,316	6.2%
Health Sciences	8,309	13.6%	243	0.4%	5,596	9.2%	8,417	13.8%
Mathematics and Computer Sciences	2,191	11.2%	52	0.3%	4,812	24.6%	1,693	8.7%
Physical and Earth Sciences	945	12.9%	20	0.3%	740	10.1%	315	4.3%
Public Administration and Services	4,298	19.1%	123	0.5%	931	4.1%	3,883	17.2%
Social and Behavioral Sciences	4,820	18.1%	146	0.5%	1,804	6.8%	3,413	12.8%
Other Fields	4,347	16.1%	219	0.8%	1,917	7.1%	3,196	11.8%

**Table continues on next page.**

**Table B.11 Continued**

Broad Field	Native Hawaiian/ Other Pacific Islander		White		Two or More Races		Race/ Ethnicity Unknown	
<b>Total</b>	<b>609</b>	<b>0.2%</b>	<b>218,130</b>	<b>54.8%</b>	<b>15,503</b>	<b>3.9%</b>	<b>17,322</b>	<b>4.3%</b>
Arts and Humanities	20	0.1%	10,175	62.3%	787	4.8%	615	3.8%
Biological and Agricultural Sciences	20	0.1%	11,055	58.0%	893	4.7%	575	3.0%
Business	87	0.2%	30,191	54.9%	1,893	3.4%	2,435	4.4%
Education	154	0.3%	34,734	58.2%	1,876	3.1%	2,147	3.6%
Engineering	21	0.1%	11,197	52.8%	1,064	5.0%	922	4.3%
Health Sciences	83	0.1%	33,840	55.4%	2,127	3.5%	2,426	4.0%
Mathematics and Computer Sciences	28	0.1%	8,608	44.0%	750	3.8%	1,433	7.3%
Physical and Earth Sciences	8	0.1%	4,672	63.8%	388	5.3%	230	3.1%
Public Administration and Services	36	0.2%	11,665	51.8%	844	3.7%	757	3.4%
Social and Behavioral Sciences	49	0.2%	14,081	53.0%	1,142	4.3%	1,132	4.3%
Other Fields	42	0.2%	14,842	55.0%	1,212	4.5%	1,235	4.6%

**Notes:** This table only includes U.S. citizens and permanent residents. See Table B.9 for first-time enrollment by broad field for temporary residents. Because not all institutions responded to all items, details may not sum to totals. Percentages are based on total of known race/ethnicity. See Appendix A for a description of each race/ethnicity category. See Appendix D for the survey taxonomy.

**Table B.12 Total Graduate Enrollment by Institution Type, Carnegie Classification, Gender, and Attendance Status, Fall 2023**

<b>Carnegie Classification and Institution Type *</b>	<b>Total</b>	<b>Men</b>		<b>Women</b>		<b>Full-Time</b>		<b>Part-Time</b>	
<b>Total</b>	<b>1,820,000</b>	<b>745,736</b>	<b>41.3%</b>	128,563	39.4%	<b>1,094,064</b>	<b>60.1%</b>	<b>725,936</b>	<b>39.9%</b>
<i>Public</i>	1,204,923	505,156	42.2%	89,241	38.8%	697,310	57.9%	507,613	42.1%
<i>Private, not-for-profit</i>	550,196	224,074	41.0%	39,322	40.6%	361,553	65.7%	188,643	34.3%
<i>Private, for-profit</i>	S	S		N/A		S		S	
<b>Doctoral: Very High Research</b>	<b>965,364</b>	<b>454,893</b>	<b>47.4%</b>	505,312	52.6%	655,853	67.9%	309,511	32.1%
<i>Public</i>	707,890	331,745	47.1%	372,373	52.9%	459,187	64.9%	248,703	35.1%
<i>Private, not-for-profit</i>	257,474	123,148	48.1%	132,939	51.9%	196,666	76.4%	60,808	23.6%
<i>Private, for-profit</i>	N/A	N/A		N/A		N/A		N/A	
<b>Doctoral: High Research</b>	<b>330,696</b>	<b>128,563</b>	<b>39.4%</b>	198,053	60.6%	174,713	52.8%	155,983	47.2%
<i>Public</i>	233,393	89,241	38.8%	140,560	61.2%	118,108	50.6%	115,285	49.4%
<i>Private, not-for-profit</i>	97,303	39,322	40.6%	57,493	59.4%	56,605	58.2%	40,698	41.8%
<i>Private, for-profit</i>	N/A	N/A		N/A		N/A		N/A	
<b>Doctoral/Professional Universities</b>	<b>194,794</b>	<b>52,717</b>	<b>27.4%</b>	140,010	72.6%	94,362	48.4%	100,432	51.6%
<i>Public</i>	67,359	19,470	28.9%	47,836	71.1%	28,085	41.7%	39,274	58.3%
<i>Private, not-for-profit</i>	90,716	27,326	30.4%	62,666	69.6%	50,518	55.7%	40,198	44.3%
<i>Private, for-profit</i>	S	S		S		S		S	
<b>Master's Colleges and Universities</b>	<b>277,758</b>	<b>93,855</b>	<b>34.0%</b>	182,266	66.0%	127,385	45.9%	150,373	54.1%
<i>Public</i>	178,963	59,960	33.6%	118,551	66.4%	80,176	44.8%	98,787	55.2%
<i>Private, not-for-profit</i>	89,333	28,039	31.8%	60,109	68.2%	46,388	51.9%	42,945	48.1%
<i>Private, for-profit</i>	N/A	N/A		N/A		N/A		N/A	
<b>Other</b>	<b>51,388</b>	<b>15,708</b>	<b>30.7%</b>	35,432	69.3%	41,751	81.2%	9,637	18.8%
<i>Public</i>	17,318	4,740	27.7%	12,348	72.3%	11,754	67.9%	5,564	32.1%
<i>Private, not-for-profit</i>	15,370	6,239	40.6%	9,120	59.4%	11,376	74.0%	3,994	26.0%
<i>Private, for-profit</i>	N/A	N/A		N/A		N/A		N/A	

\*\* See Appendix A for information about the Carnegie Classification system.

**Notes:** Because not all institutions responded to all items, details may not sum to totals. N/A = Not applicable. S = Suppressed due to small number of institutional respondents in this category.

**Table B.13 Total Graduate Enrollment by Broad Field, Gender, and Attendance Status, Fall 2023**

Broad Field	Total	Men	Women	Full-Time	Part-Time				
<b>Total</b>	<b>1,825,026</b>	<b>747,486</b>	<b>41.3%</b>	<b>1,064,118</b>	<b>58.7%</b>	<b>1,098,109</b>	<b>60.2%</b>	<b>726,917</b>	<b>39.8%</b>
Arts and Humanities	75,627	30,750	41.0%	44,184	59.0%	53,482	70.7%	22,145	29.3%
Biological and Agricultural Sciences	98,488	38,241	39.0%	59,784	61.0%	75,792	77.0%	22,696	23.0%
Business	246,714	133,837	54.3%	112,829	45.7%	133,839	54.3%	112,817	45.7%
Education	233,964	53,553	23.0%	179,421	77.0%	89,709	38.4%	144,133	61.6%
Engineering	154,515	109,936	71.3%	44,157	28.7%	111,513	72.2%	43,002	27.8%
Health Sciences	239,463	46,975	19.8%	190,072	80.2%	140,801	58.8%	98,662	41.2%
Mathematics and Computer Sciences	176,262	116,674	66.4%	59,014	33.6%	115,032	65.3%	61,211	34.7%
Physical and Earth Sciences	52,511	30,549	58.5%	21,702	41.5%	43,924	83.6%	8,587	16.4%
Public Administration and Services	71,460	14,422	20.4%	56,387	79.6%	45,311	63.4%	26,149	36.6%
Social and Behavioral Sciences	122,412	39,744	32.7%	81,691	67.3%	80,253	65.6%	42,159	34.4%
Other Fields	113,357	42,041	37.4%	70,251	62.6%	63,600	56.1%	49,757	43.9%

**Table B.14 Total Graduate Enrollment by Gender, Attendance Status, and Broad Field, Fall 2023**

Broad Field	Men				Women			
Broad Field	Full-time		Part-time		Full-Time		Part-Time	
<b>Total</b>	<b>473,458</b>	<b>63.4%</b>	<b>273,742</b>	<b>36.6%</b>	<b>616,228</b>	<b>58.0%</b>	<b>446,877</b>	<b>42.0%</b>
Arts and Humanities	22,217	72.3%	8,515	27.7%	30,658	69.4%	13,494	30.6%
Biological and Agricultural Sciences	29,919	78.2%	8,322	21.8%	45,477	76.1%	14,307	23.9%
Business	74,740	55.9%	59,021	44.1%	59,055	52.4%	53,683	47.6%
Education	21,343	40.0%	32,081	60.0%	67,687	37.8%	111,210	62.2%
Engineering	77,903	70.9%	32,033	29.1%	33,332	75.5%	10,825	24.5%
Health Sciences	30,039	63.9%	16,936	36.1%	109,540	57.6%	80,532	42.4%
Mathematics and Computer Sciences	75,392	64.6%	41,279	35.4%	39,313	66.6%	19,700	33.4%
Physical and Earth Sciences	25,386	83.1%	5,163	16.9%	18,306	84.4%	3,396	15.6%
Public Administration and Services	8,269	57.5%	6,107	42.5%	36,399	64.8%	19,760	35.2%
Social and Behavioral Sciences	27,063	68.2%	12,630	31.8%	52,439	64.3%	29,126	35.7%
Other Fields	24,926	59.3%	17,115	40.7%	37,994	54.1%	32,257	45.9%

**Notes:** Because not all institutions responded to all items, details may not sum to totals. See Appendix D for the survey taxonomy.



**Table B.15 Total Graduate Enrollment by Broad Field and Degree Level, Fall 2023**

Broad Field	Total	Doctoral		Master's/Other*	
<b>Total</b>	<b>1,825,026</b>	<b>493,911</b>	<b>27.1%</b>	<b>1,330,506</b>	<b>72.9%</b>
Arts and Humanities	75,627	30,360	40.1%	45,267	59.9%
Biological and Agricultural Sciences	98,488	55,294	56.1%	43,198	43.9%
Business	246,714	11,428	4.6%	235,286	95.4%
Education	233,964	55,591	23.7%	178,548	76.3%
Engineering	154,515	63,960	41.4%	90,555	58.6%
Health Sciences	239,463	67,311	28.1%	172,152	71.9%
Mathematics and Computer Sciences	176,262	31,262	17.7%	145,112	82.3%
Physical and Earth Sciences	52,511	39,504	75.2%	13,044	24.8%
Public Administration and Services	71,460	5,719	8.0%	65,741	92.0%
Social and Behavioral Sciences	122,412	47,042	38.4%	75,370	61.6%
Other Fields	113,357	14,512	12.8%	98,845	87.2%

**Table B16 Total Graduate Enrollment by Degree Level, Gender, and Broad Field, Fall 2023**

Broad Field	Doctoral				Master's/Other*			
	Men		Women		Men		Women	
<b>Total</b>	<b>218,087</b>	<b>44.4%</b>	<b>272,691</b>	<b>55.6%</b>	<b>529,637</b>	<b>40.1%</b>	<b>792,305</b>	<b>59.9%</b>
Arts and Humanities	13,434	44.7%	16,640	55.3%	17,298	38.6%	27,512	61.4%
Biological and Agricultural Sciences	22,929	41.7%	32,081	58.3%	15,313	35.6%	27,706	64.4%
Business	5,716	50.0%	5,712	50.0%	128,073	54.5%	107,056	45.5%
Education	15,176	27.5%	40,055	72.5%	38,290	21.6%	139,064	78.4%
Engineering	44,646	70.0%	19,152	30.0%	65,290	72.3%	25,005	27.7%
Health Sciences	16,643	24.9%	50,148	75.1%	30,332	17.8%	139,924	82.2%
Mathematics and Computer Sciences	21,940	70.7%	9,108	29.3%	94,796	65.5%	49,952	34.5%
Physical and Earth Sciences	23,654	60.2%	15,644	39.8%	6,915	53.2%	6,075	46.8%
Public Administration and Services	1,605	28.4%	4,039	71.6%	12,771	19.7%	52,120	80.3%
Social and Behavioral Sciences	16,824	36.1%	29,751	63.9%	22,869	30.6%	51,814	69.4%
Other Fields	6,141	42.6%	8,271	57.4%	35,900	36.7%	61,980	63.3%

\* Includes applications to graduate-level certificate and education specialist programs.

**Notes:** Because not all institutions responded to all items, details may not sum to totals. N/A = Not applicable. S = Suppressed due to small number of institutional respondents in this category.

**Table B.17 Total Graduate Enrollment by Institution Level, Carnegie Classification, and Citizenship, Fall 2023**

Institution Type and Carnegie Classification*	Total	U.S. Citizens and Permanent Residents		Temporary Residents	
<b>Total</b>	<b>1,820,000</b>	<b>1,385,802</b>	<b>76.5%</b>	<b>426,239</b>	<b>23.5%</b>
<b>Institution Type</b>					
<i>Public</i>	1,204,923	927,455	77.1%	275,787	22.9%
<i>Private, not-for-profit</i>	550,196	395,491	72.6%	149,246	27.4%
<i>Private, for-profit</i>	S	S		S	
<b>Carnegie Classification</b>					
<i>Doctoral: Very High Research</i>	965,364	662,296	68.7%	302,106	31.3%
<i>Doctoral: High Research</i>	330,696	263,987	79.8%	66,636	20.2%
<i>Doctoral/Professional Universities</i>	194,794	171,730	90.5%	17,940	9.5%
<i>Master's Colleges and Universities</i>	277,758	244,729	88.7%	31,253	11.3%
<i>Other</i>	51,825	43,458	83.9%	8,343	16.1%

\* See Appendix A for information about the Carnegie Classification system.

**Table B.18 Total Graduate Enrollment by Broad Field and Citizenship, Fall 2023**

Broad Field	Total	U.S. Citizens and Permanent Residents		Temporary Residents	
<b>Total</b>	<b>1,825,026</b>	<b>1,390,227</b>	<b>76.5%</b>	<b>426,840</b>	<b>23.5%</b>
Arts and Humanities	75,627	59,121	78.2%	16,469	21.8%
Biological and Agricultural Sciences	98,488	73,892	75.1%	24,448	24.9%
Business	246,714	195,285	80.9%	46,219	19.1%
Education	233,964	220,675	95.6%	10,227	4.4%
Engineering	154,515	76,135	49.3%	78,320	50.7%
Health Sciences	239,463	224,725	94.1%	14,076	5.9%
Mathematics and Computer Sciences	176,262	68,212	38.7%	108,087	61.3%
Physical and Earth Sciences	52,511	33,034	62.9%	19,509	37.1%
Public Administration and Services	71,460	68,228	95.7%	3,051	4.3%
Social and Behavioral Sciences	122,412	97,317	80.8%	23,071	19.2%
Other Fields	113,357	87,240	77.2%	25,764	22.8%

**Notes:** Because not all institutions responded to all items, details may not sum to totals. Percentages are based on total of known citizenship. See Appendix D for the survey taxonomy.

**Table B.19 Total Graduate Enrollment by Citizenship, Race/Ethnicity, and Gender, Fall 2023**

Citizenship and Race/ Ethnicity	Total	Men		Women	
		Count	Percentage	Count	Percentage
<b>Total</b>	<b>1,825,026</b>	<b>747,486</b>	<b>41.3%</b>	<b>1,064,118</b>	<b>58.7%</b>
U.S. Citizens and Permanent Residents	1,390,227	499,371	36.3%	877,820	63.7%
Hispanic	193,179	66,766	34.8%	125,061	65.2%
Non-Hispanic:					
American Indian/Alaska Native	6,621	2,052	31.2%	4,519	68.8%
Asian	120,722	51,831	43.2%	68,154	56.8%
Black/African American	177,095	51,116	29.0%	125,064	71.0%
Native Hawaiian/Other Pacific Islander	2,495	862	34.9%	1,610	65.1%
White	774,554	282,782	36.8%	485,003	63.2%
Two or More Races	50,698	18,409	36.6%	31,822	63.4%
Race/Ethnicity Unknown	64,863	25,553	41.1%	36,587	58.9%
Temporary Residents	426,840	245,538	57.7%	180,013	42.3%
Citizenship Unknown	2,825	733	29.8%	1,724	70.2%

*Notes: Because not all institutions responded to all items, details may not sum to totals. Percentages are based on total of known gender within each citizenship and race/ethnicity category. See Appendix A for a description of each citizenship and race/ethnicity category.*

**Table B.20 Total Graduate Enrollment by Broad Field and Race/Ethnicity (U.S. Citizens and Permanent Residents only), Fall 2023**

Broad Field	Hispanic/ Latino		American Indian/ Alaska Native		Asian		Black/ African American	
	Count	Percentage	Count	Percentage	Count	Percentage	Count	Percentage
<b>Total</b>	<b>193,179</b>	<b>13.9%</b>	<b>6,621</b>	<b>0.5%</b>	<b>120,722</b>	<b>8.7%</b>	<b>177,095</b>	<b>12.7%</b>
Arts and Humanities	8,201	13.9%	296	0.5%	3,415	5.8%	4,396	7.4%
Biological and Agricultural Sciences	9,597	13.0%	315	0.4%	8,291	11.2%	5,138	7.0%
Business	24,166	12.4%	723	0.4%	22,577	11.6%	21,281	10.9%
Education	34,154	15.5%	1,297	0.6%	8,513	3.9%	33,430	15.1%
Engineering	9,534	12.5%	220	0.3%	12,194	16.0%	4,649	6.1%
Health Sciences	28,039	12.5%	869	0.4%	20,012	8.9%	32,870	14.6%
Mathematics and Computer Sciences	7,295	10.7%	139	0.2%	16,171	23.7%	5,646	8.3%
Physical and Earth Sciences	3,998	12.1%	91	0.3%	3,304	10.0%	1,334	4.0%
Public Administration and Services	11,931	17.5%	416	0.6%	2,544	3.7%	13,344	19.6%
Social and Behavioral Sciences	16,467	16.9%	534	0.5%	6,212	6.4%	12,701	13.1%
Other Fields	13,144	15.1%	622	0.7%	5,856	6.7%	10,503	12.0%

**Table continues on next page.**

**Table B.20 Continued**

Broad Field	Native Hawaiian/ Other Pacific Islander		White		Two or More Races		Race/ Ethnicity Unknown	
<b>Total</b>	<b>2,495</b>	<b>0.2%</b>	<b>774,554</b>	<b>55.7%</b>	<b>50,698</b>	<b>3.6%</b>	<b>64,863</b>	<b>4.7%</b>
Arts and Humanities	80	0.1%	37,750	63.9%	2,595	4.4%	2,388	4.0%
Biological and Agricultural Sciences	78	0.1%	44,838	60.7%	3,318	4.5%	2,317	3.1%
Business	286	0.1%	109,605	56.1%	7,777	4.0%	8,870	4.5%
Education	474	0.2%	128,506	58.2%	6,647	3.0%	7,654	3.5%
Engineering	75	0.1%	42,730	56.1%	3,392	4.5%	3,341	4.4%
Health Sciences	361	0.2%	125,469	55.8%	7,419	3.3%	9,686	4.3%
Mathematics and Computer Sciences	89	0.1%	31,478	46.1%	2,515	3.7%	4,879	7.2%
Physical and Earth Sciences	29	0.1%	21,632	65.5%	1,540	4.7%	1,106	3.3%
Public Administration and Services	128	0.2%	35,106	51.5%	2,401	3.5%	2,358	3.5%
Social and Behavioral Sciences	202	0.2%	52,897	54.4%	4,163	4.3%	4,141	4.3%
Other Fields	139	0.2%	48,485	55.6%	3,472	4.0%	5,019	5.8%

**Notes:** This table only includes U.S. citizens and permanent residents. See Table B.9 for first-time enrollment by broad field for temporary residents. Because not all institutions responded to all items, details may not sum to totals. Percentages are based on total of known race/ethnicity. See Appendix A for a description of each race/ethnicity category. See Appendix D for the survey taxonomy.

**Table B.21 Graduate Degrees and Certificates Awarded by Degree Level, Carnegie Classification, and Institution Type, 2022-23**

Carnegie Classification and Institution Type *	Doctoral Degrees		Master's Degrees		Certificates	
<b>Total</b>	<b>89,090</b>	<b>100.0%</b>	<b>605,961</b>	<b>100.0%</b>	<b>54,801</b>	<b>100.0%</b>
<i>Public</i>	55,541	62.3%	396,179	65.4%	38,676	70.6%
<i>Private, not-for-profit</i>	26,706	30.0%	197,595	32.6%	14,777	27.0%
<i>Private, for-profit</i>	S		S		S	
<b>Doctoral: Very High Research</b>	<b>54,508</b>	<b>61.2%</b>	<b>324,643</b>	<b>53.6%</b>	<b>25,996</b>	<b>47.4%</b>
<i>Public</i>	40,456	74.2%	227,441	70.1%	20,408	78.5%
<i>Private, not-for-profit</i>	14,052	25.8%	97,202	29.9%	5,588	21.5%
<i>Private, for-profit</i>	N/A		N/A		N/A	
<b>Doctoral: High Research</b>	<b>13,571</b>	<b>15.2%</b>	<b>110,819</b>	<b>18.3%</b>	<b>12,257</b>	<b>22.4%</b>
<i>Public</i>	9,112	67.1%	75,567	68.2%	9,498	77.5%
<i>Private, not-for-profit</i>	4,459	32.9%	35,252	31.8%	2,759	22.5%
<i>Private, for-profit</i>	N/A		N/A		N/A	
<b>Doctoral/Professional Universities</b>	<b>8,351</b>	<b>9.4%</b>	<b>60,563</b>	<b>10.0%</b>	<b>5,585</b>	<b>10.2%</b>
<i>Public</i>	2,361	28.3%	22,072	36.4%	2,452	43.9%
<i>Private, not-for-profit</i>	4,490	53.8%	29,658	49.0%	2,574	46.1%
<i>Private, for-profit</i>	S		S		S	
<b>Master's Colleges and Universities</b>	<b>5,104</b>	<b>5.7%</b>	<b>99,940</b>	<b>16.5%</b>	<b>9,801</b>	<b>17.9%</b>
<i>Public</i>	2,016	39.5%	67,177	67.2%	5,866	59.9%
<i>Private, not-for-profit</i>	3,087	60.5%	29,912	29.9%	3,553	36.3%
<i>Private, for-profit</i>	N/A		N/A		N/A	
<b>Other</b>	<b>7,556</b>	<b>8.5%</b>	<b>9,996</b>	<b>1.6%</b>	<b>1,162</b>	<b>2.1%</b>
<i>Public</i>	1,596	21.1%	3,922	39.2%	452	38.9%
<i>Private, not-for-profit</i>	618	8.2%	5,571	55.7%	303	26.1%
<i>Private, for-profit</i>	S		S		S	

\* See Appendix A for information about the Carnegie Classification system.

**Notes:** Percentages for Carnegie classifications are the percent of all degrees awarded at that level by institutions with that Carnegie classification. Percentages for institution types are the percent of degrees awarded at that level by institutions with that Carnegie classification. Because not all institutions responded to all items, details may not sum to totals. N/A = Not applicable. S = Suppressed due to small number of institutional respondents in this category.

**Table B.22 Graduate Degrees and Certificates Awarded by Degree Level and Broad Field, 2022-23**

Broad Field	Doctoral Degrees		Master's Degrees		Certificates	
<b>Total</b>	<b>89,320</b>	<b>100.0%</b>	<b>607,782</b>	<b>100.0%</b>	<b>54,960</b>	<b>100.0%</b>
Arts and Humanities	4,358	6.1%	19,536	3.8%	1,139	2.6%
Biological and Agricultural Sciences	8,370	11.8%	20,045	3.9%	1,253	2.8%
Business	1,859	2.6%	103,361	20.1%	6,745	15.3%
Education	9,392	13.3%	81,520	15.9%	12,993	29.5%
Engineering	10,013	14.1%	46,919	9.1%	2,431	5.5%
Health Sciences	17,492	24.7%	68,624	13.4%	6,728	15.3%
Mathematics and Computer Sciences	3,855	5.4%	59,237	11.5%	2,373	5.4%
Physical and Earth Sciences	5,607	7.9%	7,218	1.4%	516	1.2%
Public Administration and Services	866	1.2%	29,711	5.8%	1,351	3.1%
Social and Behavioral Sciences	6,754	9.5%	36,310	7.1%	3,223	7.3%
Other Fields	2,306	3.3%	41,162	8.0%	5,333	12.1%

**Table B.23 Graduate Certificates Awarded by Broad Field and Gender, 2022-23**

Broad Field	Total	Men		Women	
<b>Total</b>	<b>54,960</b>	<b>19,369</b>	<b>35.3%</b>	<b>35,429</b>	<b>64.7%</b>
Arts and Humanities	1,139	415	36.6%	718	63.4%
Biological and Agricultural Sciences	1,253	458	36.7%	791	63.3%
Business	6,745	3,316	49.2%	3,429	50.8%
Education	12,993	2,613	20.1%	10,359	79.9%
Engineering	2,431	1,799	74.3%	623	25.7%
Health Sciences	6,728	1,353	20.2%	5,334	79.8%
Mathematics and Computer Sciences	2,373	1,405	59.3%	964	40.7%
Physical and Earth Sciences	516	270	52.3%	246	47.7%
Public Administration and Services	1,351	385	28.8%	954	71.2%
Social and Behavioral Sciences	3,223	1,023	31.9%	2,187	68.1%
Other Fields	5,333	1,987	37.4%	3,320	62.6%

**Notes:** Because not all institutions responded to all items, details may not sum to totals. Percentages are based on total of known fields and/or gender. See Appendix D for the survey taxonomy.

**Table B.24 Master's Degrees Awarded by Broad Field and Gender, 2022-23**

Broad Field	Total	Men		Women	
		Count	Percentage	Count	Percentage
<b>Total</b>	<b>607,782</b>	<b>246,149</b>	<b>40.7%</b>	<b>359,346</b>	<b>59.3%</b>
Arts and Humanities	19,536	7,413	38.2%	11,980	61.8%
Biological and Agricultural Sciences	20,045	7,185	35.9%	12,811	64.1%
Business	103,361	54,893	53.1%	48,452	46.9%
Education	81,520	17,191	21.1%	64,096	78.9%
Engineering	46,919	33,130	70.8%	13,695	29.2%
Health Sciences	68,624	12,772	18.8%	55,320	81.2%
Mathematics and Computer Sciences	59,237	38,355	64.9%	20,744	35.1%
Physical and Earth Sciences	7,218	3,813	53.0%	3,384	47.0%
Public Administration and Services	29,711	5,646	19.2%	23,835	80.8%
Social and Behavioral Sciences	36,310	12,187	33.8%	23,922	66.2%
Other Fields	41,162	14,729	35.9%	26,258	64.1%

**Table B.25 Doctoral Degrees Awarded by Broad Field and Gender, 2022-23**

Broad Field	Total	Men		Women	
		Count	Percentage	Count	Percentage
<b>Total</b>	<b>89,320</b>	<b>38,113</b>	<b>42.8%</b>	<b>50,895</b>	<b>57.2%</b>
Arts and Humanities	4,358	2,036	47.0%	2,300	53.0%
Biological and Agricultural Sciences	8,370	3,669	43.9%	4,685	56.1%
Business	1,859	1,046	56.3%	813	43.7%
Education	9,392	2,558	27.4%	6,768	72.6%
Engineering	10,013	7,332	73.3%	2,674	26.7%
Health Sciences	17,492	4,388	25.2%	13,042	74.8%
Mathematics and Computer Sciences	3,855	2,802	72.9%	1,039	27.1%
Physical and Earth Sciences	5,607	3,504	62.6%	2,096	37.4%
Public Administration and Services	866	236	27.8%	614	72.2%
Social and Behavioral Sciences	6,754	2,588	38.6%	4,124	61.4%
Other Fields	2,306	1,047	45.6%	1,249	54.4%

**Notes:** Because not all institutions responded to all items, details may not sum to totals. Percentages are based on total of known gender. See Appendix D for the survey taxonomy.

# APPENDIX C: DATA TABLES FOR TRENDS IN GRADUATE APPLICATIONS, FIRST-TIME ENROLLMENT, TOTAL ENROLLMENT, AND DEGREES CONFERRED, 2013 TO 2023

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**Table C.1 Applications for Admission to Graduate School by Institution Type, Carnegie Classification, and Degree Level, 2013 to 2023**

<b>Institution Type and Carnegie Classification*</b>	<b>% Change, 2022 to 2023</b>	<b>Average Annual % Change, 2018 to 2023</b>	<b>Average Annual % Change, 2013 to 2023</b>
<b>Total</b>	<b>5.6%</b>	<b>5.7%</b>	<b>3.7%</b>
<b>Institution Type</b>			
<i>Public</i>	5.7%	5.6%	3.1%
<i>Private, not-for-profit</i>	5.4%	5.7%	5.0%
<i>Private, for-profit</i>	N/A	N/A	N/A
<b>Carnegie Classification</b>			
<i>Doctoral: Very High Research</i>	0.9%	4.3%	3.1%
<i>Doctoral: High Research</i>	17.4%	11.7%	4.5%
<i>Doctoral/Professional Universities</i>	22.1%	2.4%	6.2%
<i>Master's Colleges and Universities</i>	15.8%	12.9%	7.5%
<i>Other</i>	7.3%	5.6%	6.0%
<b>Degree Level</b>			
<i>Doctoral</i>	3.7%	4.1%	2.1%
<i>Master's/Other **</i>	6.4%	6.5%	4.6%

\* See Appendix A for information about the Carnegie Classification system.

\*\* Includes applications to graduate-level certificate and education specialist programs.

**Table C.2 Applications for Admission to Graduate School by Broad Field, 2013 to 2023**

<b>Broad Field</b>	<b>% Change, 2022 to 2023</b>	<b>Average Annual % Change, 2018 to 2023</b>	<b>Average Annual % Change, 2013 to 2023</b>
<b>Total</b>	<b>5.6%</b>	<b>5.7%</b>	<b>3.7%</b>
Arts and Humanities	0.9%	0.4%	-1.4%
Biological and Agricultural Sciences	17.1%	9.2%	5.1%
Business	6.3%	4.9%	3.6%
Education	2.3%	0.6%	0.1%
Engineering	7.9%	3.6%	1.1%
Health Sciences	1.3%	0.7%	-0.1%
Mathematics and Computer Sciences	7.1%	16.8%	19.1%
Physical and Earth Sciences	15.7%	7.1%	4.4%
Public Administration and Services	1.7%	-1.8%	-0.9%
Social and Behavioral Sciences	3.4%	2.8%	1.0%
Other Fields	16.6%	10.5%	3.8%

**Notes:** Group sizes for each annual change analysis (1, 5, and 10-year) were determined based on only those institutions that submitted data at both current and reference years. N/A = Not available. S = Suppressed due to small number of institutional respondents in this category. Not all respondents provided applications data by level. See Appendix D for the survey taxonomy.

**Table C.3 Applications for Admission to Graduate School by Broad Field and Degree Level, 2013 to 2023**

Broad Field	Doctoral			Master's/Other*		
	% Change, 2022 to 2023	Average Annual % Change, 2018 to 2023	Average Annual % Change, 2013 to 2023	% Change, 2022 to 2023	Average Annual % Change, 2018 to 2023	Average Annual % Change, 2013 to 2023
<b>Total</b>	<b>3.7%</b>	<b>4.1%</b>	<b>2.1%</b>	<b>6.4%</b>	<b>6.5%</b>	<b>4.6%</b>
Arts and Humanities	1.5%	2.1%	-0.7%	0.5%	-0.7%	-1.9%
Biological and Agricultural Sciences	18.4%	10.1%	5.5%	14.9%	7.8%	4.5%
Business	17.9%	3.2%	1.8%	5.3%	5.1%	3.8%
Education	-0.1%	1.4%	1.0%	2.9%	0.4%	-0.1%
Engineering	13.9%	3.1%	1.8%	4.7%	4.0%	0.7%
Health Sciences	-6.2%	-0.3%	-1.6%	4.0%	1.0%	0.7%
Mathematics and Computer Sciences	8.3%	5.8%	7.2%	6.9%	20.7%	24.4%
Physical and Earth Sciences	13.7%	7.1%	5.3%	25.8%	6.6%	1.2%
Public Administration and Services	6.0%	9.0%	3.6%	1.3%	-2.1%	-1.1%
Social and Behavioral Sciences	1.5%	2.2%	0.4%	6.1%	3.9%	2.2%
Other Fields	0.1%	3.7%	0.2%	19.8%	12.1%	4.7%

\* Includes applications to graduate-level certificate and education specialist programs.

**Notes:** Group sizes for each annual change analysis (1, 5, and 10-year) were determined based on only those institutions that submitted data at both current and reference years. N/A = Not available. S = Suppressed due to small number of institutional respondents in this category. Because not all institutions responded to all items, details may not sum to totals.

**Table C.4 First-Time Graduate Enrollment by Institution Type and Carnegie Classification, 2013 to 2023**

<b>Carnegie Classification and Institution Type *</b>	<b>% Change, 2022 to 2023</b>	<b>Average Annual % Change, 2018 to 2023</b>	<b>Average Annual % Change, 2013 to 2023</b>
<b>Total</b>	<b>3.1%</b>	<b>2.2%</b>	<b>2.5%</b>
<i>Public</i>	3.1%	2.5%	2.8%
<i>Private, not-for-profit</i>	2.6%	1.4%	2.3%
<i>Private, for-profit</i>	S	S	S
<b>Doctoral: Very High Research</b>	<b>1.8%</b>	<b>2.1%</b>	<b>3.1%</b>
<i>Public</i>	2.8%	2.3%	3.1%
<i>Private, not-for-profit</i>	-0.4%	1.4%	3.3%
<i>Private, for-profit</i>	N/A	N/A	N/A
<b>Doctoral: High Research</b>	<b>3.7%</b>	<b>2.1%</b>	<b>1.1%</b>
<i>Public</i>	2.8%	2.1%	1.4%
<i>Private, not-for-profit</i>	5.8%	2.3%	0.1%
<i>Private, for-profit</i>	N/A	N/A	N/A
<b>Doctoral/Professional Universities</b>	<b>11.6%</b>	<b>0.0%</b>	<b>0.9%</b>
<i>Public</i>	15.3%	1.8%	3.0%
<i>Private, not-for-profit</i>	6.7%	-1.1%	1.0%
<i>Private, for-profit</i>	S	S	S
<b>Master's Colleges and Universities</b>	<b>2.9%</b>	<b>3.9%</b>	<b>3.2%</b>
<i>Public</i>	0.1%	4.1%	3.3%
<i>Private, not-for-profit</i>	11.0%	3.2%	2.6%
<i>Private, for-profit</i>	N/A	N/A	N/A
<b>Other</b>	<b>10.8%</b>	<b>2.4%</b>	<b>4.3%</b>
<i>Public</i>	12.8%	-0.3%	4.1%
<i>Private, not-for-profit</i>	8.5%	6.1%	4.6%
<i>Private, for-profit</i>	N/A	N/A	N/A

\* See Appendix A for information about the Carnegie Classification system.

**Notes:** Group sizes for each annual change analysis (1, 5, and 10-year) were determined based on only those institutions that submitted data at both current and reference years. N/A = Not available. S = Suppressed due to small number of institutional respondents in this category. Because not all institutions responded to all items, details may not sum to totals.

**Table C.5 First-Time Graduate Enrollment by Citizenship and Race/Ethnicity, 2013 to 2023**

Citizenship and Race/Ethnicity	% Change, 2022 to 2023	Average Annual % Change, 2018 to 2023	Average Annual % Change, 2013 to 2023
<b>Total</b>	<b>3.1%</b>	<b>2.2%</b>	<b>2.5%</b>
<b>U.S. Citizens and Permanent Residents</b>	2.9%	0.5%	1.7%
American Indian/Alaska Native	-1.6%	0.8%	1.1%
Asian and Pacific Islanders	4.6%	4.2%	6.1%
<i>Asian</i>	4.5%	4.3%	6.3%
<i>Native Hawaiians/Other Pacific Islanders</i>	14.3%	-0.3%	-1.0%
Black/African American	6.3%	2.7%	3.3%
Hispanic/Latino	7.6%	5.1%	8.9%
White	0.5%	-1.3%	-0.1%
<b>Temporary Residents</b>	2.1%	8.4%	6.1%
<b>Other/Unknown *</b>	10.9%	0.9%	0.6%

**Table C.6 First-Time Graduate Enrollment by Citizenship, Race/Ethnicity, and Gender, 2013 to 2023**

Citizenship and Race/Ethnicity	Men			Women		
	% Change, 2022 to 2023	Average Annual % Change, 2018 to 2023	Average Annual % Change, 2013 to 2023	% Change, 2022 to 2023	Average Annual % Change, 2018 to 2023	Average Annual % Change, 2013 to 2023
<b>Total</b>	<b>2.7%</b>	<b>2.4%</b>	<b>2.1%</b>	<b>2.0%</b>	<b>1.7%</b>	<b>2.7%</b>
<b>U.S. Citizens and Permanent Residents</b>	2.9%	-0.2%	0.7%	1.8%	0.6%	2.1%
American Indian/Alaska Native	-3.6%	-0.9%	-0.7%	-0.5%	1.4%	1.9%
Asian and Pacific Islanders	6.5%	4.1%	5.4%	1.3%	4.0%	6.6%
<i>Asian</i>	6.4%	4.2%	5.6%	1.0%	4.1%	6.7%
<i>Native Hawaiians/Other Pacific Islanders</i>	14.5%	-0.9%	-2.7%	20.8%	-0.1%	0.6%
Black/African American	8.2%	2.5%	2.7%	7.7%	2.7%	3.4%
Hispanic/Latino	8.2%	4.7%	7.4%	7.1%	5.1%	9.6%
White	0.2%	-2.1%	-0.9%	-0.7%	-1.0%	0.4%
<b>Temporary Residents</b>	1.8%	8.7%	5.9%	1.3%	7.9%	6.2%
<b>Other/Unknown *</b>	6.0%	1.2%	-0.2%	5.5%	-0.1%	0.7%

\* Includes U.S. citizens and permanent residents of two or more races, U.S. citizens and permanent residents whose race/ethnicity is not known and individuals whose citizenship is not known.

**Notes:** Group sizes for each annual change analysis (1, 5, and 10-year) were determined based on only those institutions that submitted data at both current and reference years. See Appendix A for a description of each citizenship and race/ethnicity category.

**Table C.7 First-Time Graduate Enrollment by Broad Field, 2013 to 2023**

Broad Field	% Change, 2022 to 2023	Average Annual % Change, 2018 to 2023	Average Annual % Change, 2013 to 2023
<b>Total</b>	<b>3.1%</b>	<b>2.2%</b>	<b>2.5%</b>
Arts and Humanities	-0.6%	-2.2%	-1.7%
Biological and Agricultural Sciences	6.3%	3.6%	3.8%
Business	4.1%	1.8%	2.7%
Education	1.1%	-1.1%	-0.4%
Engineering	4.3%	2.8%	1.7%
Health Sciences	1.3%	0.8%	2.1%
Mathematics and Computer Sciences	6.4%	13.0%	15.5%
Physical and Earth Sciences	8.2%	1.4%	1.1%
Public Administration and Services	2.4%	-1.3%	0.1%
Social and Behavioral Sciences	2.6%	0.7%	0.7%
Other Fields	8.6%	4.9%	3.4%

**Table C.8 First-Time Graduate Enrollment by Broad Field and Attendance Status, 2013 to 2023**

Broad Field	Full-Time			Part-Time		
	% Change, 2022 to 2023	Average Annual % Change, 2018 to 2023	Average Annual % Change, 2013 to 2023	% Change, 2022 to 2023	Average Annual % Change, 2018 to 2023	Average Annual % Change, 2013 to 2023
<b>Total</b>	<b>3.5%</b>	<b>2.6%</b>	<b>2.5%</b>	<b>2.2%</b>	<b>1.1%</b>	<b>2.6%</b>
Arts and Humanities	-0.4%	-2.4%	-1.5%	-1.4%	-1.6%	-2.1%
Biological and Agricultural Sciences	6.7%	3.0%	3.5%	4.3%	7.6%	5.5%
Business	2.1%	1.9%	2.4%	8.5%	1.6%	4.2%
Education	1.1%	-2.0%	-1.1%	1.1%	-0.3%	0.3%
Engineering	3.5%	2.9%	1.4%	8.1%	1.9%	2.9%
Health Sciences	0.6%	1.1%	1.9%	2.9%	0.2%	2.5%
Mathematics and Computer Sciences	4.6%	14.3%	15.2%	14.0%	8.9%	17.0%
Physical and Earth Sciences	8.1%	2.0%	1.3%	7.9%	-4.3%	-1.7%
Public Administration and Services	4.7%	-0.7%	-0.1%	-3.1%	-2.7%	0.6%
Social and Behavioral Sciences	3.0%	0.8%	0.4%	1.0%	0.0%	1.5%
Other Fields	10.9%	5.7%	4.0%	3.6%	3.3%	2.4%

**Notes:** See Appendix D for the survey taxonomy. Group sizes for each annual change analysis (1, 5, and 10-year) were determined based on only those institutions that submitted data at both current and reference years.

**Table C.9 First-Time Graduate Enrollment by Broad Field and Citizenship, 2013 to 2023**

Broad Field	U.S. Citizens and Permanent Residents			Temporary Residents		
	% Change, 2022 to 2023	Average Annual % Change, 2018 to 2023	Average Annual % Change, 2013 to 2023	% Change, 2022 to 2023	Average Annual % Change, 2018 to 2023	Average Annual % Change, 2013 to 2023
<b>Total</b>	<b>2.9%</b>	<b>0.5%</b>	<b>1.7%</b>	<b>2.1%</b>	<b>8.4%</b>	<b>6.1%</b>
Arts and Humanities	-2.5%	-3.1%	-2.2%	5.3%	2.0%	2.3%
Biological and Agricultural Sciences	6.1%	2.1%	2.9%	8.9%	9.9%	7.5%
Business	6.3%	1.2%	3.1%	2.2%	4.7%	2.2%
Education	0.1%	-1.3%	-0.5%	2.9%	5.2%	3.1%
Engineering	7.3%	1.8%	2.3%	0.8%	3.3%	1.1%
Health Sciences	1.9%	0.6%	2.0%	-0.4%	12.4%	6.5%
Mathematics and Computer Sciences	13.5%	5.5%	10.6%	2.6%	18.1%	18.9%
Physical and Earth Sciences	3.3%	-1.2%	0.0%	16.7%	6.4%	3.5%
Public Administration and Services	2.0%	-1.3%	0.1%	5.3%	4.6%	2.3%
Social and Behavioral Sciences	0.6%	-0.4%	0.0%	6.4%	4.2%	3.9%
Other Fields	2.5%	2.0%	2.1%	28.2%	17.2%	9.2%

**Notes:** See Appendix D for the survey taxonomy. Group sizes for each annual change analysis (1, 5, and 10-year) were determined based on only those institutions that submitted data at both current and reference years.

**Table C.10 First-Time Graduate Enrollment by Broad Field and Race/Ethnicity, 2013 to 2023 (U.S. Citizens and Permanent Residents Only)**

Broad Field	% Change '22 to '23	Avg. Annual % Change '18 to '23	Avg. Annual % Change '13 to '23	% Change '22 to '23	Avg. Annual % Change '18 to '23	Avg. Annual % Change '13 to '23	% Change '22 to '23	Avg. Annual % Change '18 to '23	Avg. Annual % Change '13 to '23
	American Indian/Alaska Native			Asian/Pacific Islander*			Asian		
<b>Total</b>	<b>-1.6%</b>	<b>0.8%</b>	<b>1.1%</b>	<b>4.6%</b>	<b>4.2%</b>	<b>6.1%</b>	<b>4.5%</b>	<b>4.3%</b>	<b>6.3%</b>
Arts & Humanities	24.6%	-4.1%	-3.6%	-7.2%	-2.0%	0.2%	-7.6%	-2.0%	0.3%
Bio. and Agric.Sci.	-23.7%	-1.4%	-0.5%	8.3%	4.8%	5.8%	8.7%	5.0%	5.9%
Business	23.3%	3.5%	5.0%	2.4%	3.8%	5.1%	2.6%	3.9%	5.2%
Education	-23.0%	0.8%	-2.0%	-3.9%	-0.6%	1.6%	-8.5%	-1.3%	1.4%
Engineering	-16.3%	-1.9%	-0.9%	11.9%	6.8%	6.2%	11.6%	6.9%	6.2%
Health Sciences	-8.2%	1.4%	0.9%	0.7%	1.6%	4.2%	0.4%	1.9%	4.2%
Math & Comp. Sci.	61.3%	20.9%	18.1%	16.9%	14.9%	29.2%	16.7%	15.0%	29.7%
Physical & Earth Sci.	-22.7%	-1.3%	-3.8%	15.1%	7.2%	6.8%	14.5%	7.4%	7.0%
Public Admin. and Svcs.	-15.6%	-4.7%	-1.8%	-6.7%	1.4%	2.7%	-6.9%	1.2%	3.1%
Social and Behav. Sci	-13.7%	-2.5%	-0.2%	4.6%	4.1%	3.9%	5.7%	4.2%	4.0%
Other Fields	17.5%	5.1%	12.4%	8.4%	10.3%	7.0%	8.6%	10.6%	7.2%
	Native Hawaiians/ Other Pacific Islanders			Black/African American			Hispanic/Latino		
<b>Total</b>	<b>14.3%</b>	<b>-0.3%</b>	<b>-1.0%</b>	<b>6.3%</b>	<b>2.7%</b>	<b>3.3%</b>	<b>7.6%</b>	<b>5.1%</b>	<b>8.9%</b>
Arts & Humanities	12.5%	-4.3%	-2.0%	-1.8%	0.5%	1.3%	4.3%	0.6%	2.6%
Bio. and Agric.Sci.	-26.1%	-7.8%	2.1%	13.5%	5.8%	8.0%	6.7%	7.1%	12.5%
Business	-10.1%	-2.1%	-0.5%	14.1%	5.1%	5.5%	11.7%	6.4%	11.3%
Education	158.5%	14.1%	5.1%	3.0%	2.4%	1.0%	2.9%	2.0%	4.9%
Engineering	72.7%	-7.0%	-1.6%	14.2%	3.2%	4.7%	10.7%	6.5%	10.5%
Health Sciences	26.9%	-8.2%	-2.5%	7.4%	5.2%	5.3%	8.5%	8.3%	12.9%
Math & Comp. Sci.	50.0%	4.4%	2.2%	28.1%	9.6%	13.0%	11.6%	8.9%	20.0%
Physical & Earth Sci.	133.3%	-4.4%	-1.7%	-1.8%	3.5%	3.8%	4.9%	4.2%	10.2%
Public Admin. and Svcs.	0.0%	11.3%	-3.0%	7.5%	-1.4%	0.2%	6.5%	3.9%	6.1%
Social and Behav. Sci	-29.5%	0.8%	0.0%	6.9%	1.3%	1.9%	3.7%	5.1%	5.9%
Other Fields	0.0%	1.5%	1.7%	2.5%	1.4%	4.0%	12.3%	9.2%	13.5%
	White								
<b>Total</b>	<b>0.5%</b>	<b>-1.3%</b>	<b>-0.1%</b>						
Arts & Humanities	-3.8%	-4.2%	-3.2%						
Bio. and Agric.Sci.	4.9%	0.6%	1.1%						
Business	4.1%	-0.8%	1.3%						
Education	-0.7%	-2.7%	-1.7%						
Engineering	4.4%	-0.5%	0.4%						
Health Sciences	-0.4%	-1.4%	0.1%						
Math & Comp. Sci.	9.5%	1.0%	5.0%						
Physical & Earth Sci.	1.8%	-3.0%	-1.5%						
Public Admin. and Svcs.	-0.3%	-2.6%	-1.1%						
Social and Behav. Sci	-2.0%	-2.3%	-1.6%						
Other Fields	-0.9%	-0.1%	0.0%						

\* Includes Asians and Native Hawaiians/Other Pacific Islanders.

**Notes:** See Appendix D for the survey taxonomy. See Appendix A for a description of each race/ethnicity category. Group sizes for each annual change analysis (1, 5, and 10-year) were determined based on only those institutions that submitted data at both current and reference years. Some percentages may be exceptionally large due to small student sample size in some categories.



**Table C.11 First-Time Graduate Enrollment by Broad Field and Gender, 2013 to 2023**

Broad Field	Men			Women		
	% Change '22 to '23	Avg. Annual % Change '18 to '23	Avg. Annual % Change '13 to '23	% Change '22 to '23	Avg. Annual % Change '18 to '23	Avg. Annual % Change '13 to '23
<b>Total</b>	<b>3.0%</b>	<b>2.4%</b>	<b>2.1%</b>	<b>2.1%</b>	<b>1.7%</b>	<b>2.7%</b>
Arts and Humanities	-2.5%	-2.9%	-2.1%	-1.3%	-2.1%	-1.5%
Biological and Agricultural Sciences	2.6%	1.0%	1.0%	7.5%	5.3%	6.0%
Business	4.9%	1.5%	1.9%	2.7%	2.0%	3.9%
Education	3.4%	-1.7%	-1.4%	0.0%	-1.0%	-0.2%
Engineering	3.5%	1.9%	0.9%	5.2%	4.8%	3.7%
Health Sciences	-1.6%	0.0%	0.5%	0.8%	0.8%	2.3%
Mathematics and Computer Sciences	6.7%	12.8%	14.4%	4.9%	13.0%	17.8%
Physical and Earth Sciences	8.1%	-0.3%	-0.5%	6.6%	3.5%	3.5%
Public Administration and Services	1.1%	-1.3%	-0.7%	1.4%	-1.5%	0.2%
Social and Behavioral Sciences	-1.0%	-1.6%	-1.0%	3.2%	1.8%	1.7%
Other Fields	13.7%	5.8%	3.0%	4.3%	4.1%	3.4%

**Table C.12 Doctorate-Level First-Time Graduate Enrollment by Broad Field and Gender, 2013 to 2023**

Broad Field	Total			Men			Women		
	% Change '22 to '23	Avg. Annual % Change '18 to '23	Avg. Annual % Change '13 to '23	% Change '22 to '23	Avg. Annual % Change '18 to '23	Avg. Annual % Change '13 to '23	% Change '22 to '23	Avg. Annual % Change '18 to '23	Avg. Annual % Change '13 to '23
<b>Total</b>	<b>3.6%</b>	<b>1.9%</b>	<b>1.9%</b>	<b>3.2%</b>	<b>0.6%</b>	<b>0.4%</b>	<b>2.3%</b>	<b>2.6%</b>	<b>3.1%</b>
Arts and Humanities	1.9%	-1.6%	-1.5%	2.4%	-2.1%	-2.0%	-1.3%	-1.7%	-1.4%
Biological and Agricultural Sciences	5.2%	3.9%	3.6%	1.4%	1.6%	1.2%	6.5%	5.3%	5.5%
Business	14.2%	1.2%	-0.6%	21.9%	-0.1%	-1.8%	5.8%	2.9%	1.1%
Education	4.8%	0.3%	1.4%	3.0%	-2.1%	-0.6%	5.0%	1.3%	2.3%
Engineering	7.8%	2.3%	2.3%	6.9%	0.9%	1.2%	8.0%	5.6%	5.4%
Health Sciences	-2.8%	1.4%	2.8%	-4.9%	0.8%	0.8%	-3.2%	1.3%	3.4%
Mathematics and Computer Sciences	10.9%	3.8%	4.0%	10.7%	3.5%	3.4%	8.3%	3.8%	5.6%
Physical and Earth Sciences	6.2%	1.9%	1.5%	6.4%	0.3%	-0.1%	3.7%	4.2%	4.5%
Public Administration and Services	7.5%	6.1%	0.0%	19.7%	4.1%	-1.2%	1.9%	6.9%	0.5%
Social and Behavioral Sciences	0.1%	-0.2%	-0.3%	-4.2%	-2.0%	-2.0%	0.7%	0.7%	0.8%
Other Fields	-2.9%	1.1%	0.3%	1.3%	-0.2%	-1.1%	-7.2%	1.7%	1.4%

**Table C.13 Master's-Level First-Time Graduate Enrollment by Broad Field and Gender, 2013 to 2023**

Broad Field	Total			Men			Women		
	% Change '22 to '23	Avg. Annual % Change '18 to '23	Avg. Annual % Change '13 to '23	% Change '22 to '23	Avg. Annual % Change '18 to '23	Avg. Annual % Change '13 to '23	% Change '22 to '23	Avg. Annual % Change '18 to '23	Avg. Annual % Change '13 to '23
<b>Total</b>	<b>3.1%</b>	<b>2.3%</b>	<b>2.7%</b>	<b>2.9%</b>	<b>2.9%</b>	<b>2.5%</b>	<b>2.1%</b>	<b>1.7%</b>	<b>2.6%</b>
Arts and Humanities	-1.3%	-2.4%	-1.7%	-4.3%	-3.2%	-2.2%	-1.3%	-2.2%	-1.5%
Biological and Agricultural Sciences	6.9%	3.5%	3.9%	3.5%	0.5%	0.8%	8.1%	5.3%	6.3%
Business	3.9%	1.8%	2.9%	4.6%	1.6%	2.0%	2.6%	2.0%	4.0%
Education	0.7%	-1.3%	-0.7%	3.4%	-1.6%	-1.5%	-0.5%	-1.3%	-0.4%
Engineering	3.3%	2.9%	1.4%	2.5%	2.2%	0.8%	4.2%	4.5%	3.1%
Health Sciences	2.6%	0.6%	1.9%	-0.4%	-0.3%	0.4%	1.9%	0.6%	2.1%
Mathematics and Computer Sciences	5.9%	14.6%	18.3%	6.2%	14.6%	17.3%	4.6%	14.3%	20.2%
Physical and Earth Sciences	11.9%	0.4%	0.4%	11.6%	-1.5%	-1.2%	11.2%	2.6%	2.5%
Public Administration and Services	2.2%	-1.5%	0.1%	0.3%	-1.6%	-0.7%	1.4%	-1.6%	0.2%
Social and Behavioral Sciences	3.4%	1.0%	1.0%	0.0%	-1.5%	-0.6%	3.9%	2.2%	2.0%
Other Fields	9.6%	5.2%	3.7%	14.8%	6.5%	3.5%	5.3%	4.2%	3.7%

**Notes:** See Appendix D for the survey taxonomy. Group sizes for each annual change analysis (1, 5, and 10-year) were determined based on only those institutions that submitted data at both current and reference years.

**Table C.14 Total Graduate Enrollment by Institution Type and Carnegie Classification, 2013 to 2023**

<b>Carnegie Classification and Institution Type *</b>	<b>% Change, 2022 to 2023</b>	<b>Average Annual % Change, 2018 to 2023</b>	<b>Average Annual % Change, 2013 to 2023</b>
<b>Total</b>	<b>-0.7%</b>	<b>1.6%</b>	<b>1.3%</b>
<i>Public</i>	0.0%	2.0%	1.8%
<i>Private, not-for-profit</i>	-2.9%	1.0%	1.2%
<i>Private, for-profit</i>	S	S	S
<b>Doctoral: Very High Research</b>	<b>-1.8%</b>	<b>2.1%</b>	<b>2.3%</b>
<i>Public</i>	-0.5%	2.2%	2.2%
<i>Private, not-for-profit</i>	-4.9%	1.7%	2.4%
<i>Private, for-profit</i>	N/A	N/A	N/A
<b>Doctoral: High Research</b>	<b>-0.5%</b>	<b>0.9%</b>	<b>0.2%</b>
<i>Public</i>	0.5%	1.0%	0.6%
<i>Private, not-for-profit</i>	-2.8%	0.4%	-1.1%
<i>Private, for-profit</i>	N/A	N/A	N/A
<b>Doctoral/Professional Universities</b>	<b>1.2%</b>	<b>-0.2%</b>	<b>0.1%</b>
<i>Public</i>	0.6%	1.7%	0.9%
<i>Private, not-for-profit</i>	1.2%	-1.4%	0.9%
<i>Private, for-profit</i>	S	S	S
<b>Master's Colleges and Universities</b>	<b>1.1%</b>	<b>2.1%</b>	<b>1.7%</b>
<i>Public</i>	0.8%	2.6%	2.1%
<i>Private, not-for-profit</i>	2.3%	0.5%	0.3%
<i>Private, for-profit</i>	N/A	N/A	N/A
<b>Other</b>	<b>4.4%</b>	<b>0.4%</b>	<b>-4.0%</b>
<i>Public</i>	5.9%	0.3%	2.3%
<i>Private, not-for-profit</i>	-2.5%	6.6%	2.4%
<i>Private, for-profit</i>	S	S	S

\* See Appendix A for information about the Carnegie Classification system.

**Notes:** Group sizes for each annual change analysis (1, 5, and 10-year) were determined based on only those institutions that submitted data at both current and reference years. N/A = Not available. S = Suppressed due to small number of institutional respondents in this category. Not all respondents provided applications data by level.

**Table C.15 Total Graduate Enrollment by Citizenship and Race/Ethnicity, 2013 to 2023**

Citizenship and Race/Ethnicity	% Change, 2022 to 2023	Average Annual % Change, 2018 to 2023	Average Annual % Change, 2013 to 2023
<b>Total</b>	<b>-0.7%</b>	<b>1.6%</b>	<b>1.3%</b>
<b>U.S. Citizens and Permanent Residents</b>	-2.6%	0.4%	0.5%
American Indian/Alaska Native	-0.9%	0.6%	-0.9%
Asian and Pacific Islanders	-0.3%	5.1%	5.1%
<i>Asian</i>	-0.4%	5.2%	5.4%
<i>Native Hawaiians/Other Pacific Islanders</i>	3.8%	-0.3%	-2.1%
Black/African American	1.6%	2.3%	1.2%
Hispanic/Latino	1.5%	5.0%	6.8%
White	-4.8%	-1.4%	-0.8%
<b>Temporary Residents</b>	4.6%	6.6%	5.3%
<b>Other/Unknown *</b>	0.6%	0.3%	-1.2%

**Table C.16 Total Graduate Enrollment by Citizenship, Race/Ethnicity, and Gender, 2013 to 2023**

Citizenship and Race/Ethnicity	Men			Women		
	% Change, 2022 to 2023	Average Annual % Change, 2018 to 2023	Average Annual % Change, 2013 to 2023	% Change, 2022 to 2023	Average Annual % Change, 2018 to 2023	Average Annual % Change, 2013 to 2023
<b>Total</b>	<b>-1.0%</b>	<b>1.4%</b>	<b>0.9%</b>	<b>-1.4%</b>	<b>1.7%</b>	<b>1.4%</b>
<b>U.S. Citizens and Permanent Residents</b>	-3.8%	-0.6%	-0.3%	-2.7%	0.8%	1.0%
American Indian/Alaska Native	-1.3%	-0.6%	-2.1%	-1.5%	1.0%	-0.3%
Asian and Pacific Islanders	-0.6%	4.6%	4.5%	-1.1%	5.3%	5.5%
<i>Asian</i>	-0.6%	4.7%	4.8%	-1.3%	5.5%	5.8%
<i>Native Hawaiians/Other Pacific Islanders</i>	-5.9%	-1.0%	-3.6%	8.9%	0.0%	-1.2%
Black/African American	-0.1%	1.9%	1.1%	1.6%	2.3%	1.2%
Hispanic/Latino	0.7%	4.4%	5.7%	0.9%	5.2%	7.3%
White	-6.0%	-2.5%	-1.7%	-4.8%	-0.8%	-0.3%
<b>Temporary Residents</b>	4.1%	6.2%	5.1%	4.7%	6.8%	5.5%
<b>Other/Unknown *</b>	0.2%	0.2%	-1.9%	-2.4%	-0.2%	-1.1%

\* Includes U.S. citizens and permanent residents of two or more races, U.S. citizens and permanent residents whose race/ethnicity is not known and individuals whose citizenship is not known.

**Notes:** Group sizes for each annual change analysis (1, 5, and 10-year) were determined based on only those institutions that submitted data at both current and reference years. See Appendix A for a description of each citizenship and race/ethnicity category.

**Table C.17 Total Graduate Enrollment by Broad Field, 2013 to 2023**

Broad Field	% Change, 2022 to 2023	Average Annual % Change, 2018 to 2023	Average Annual % Change, 2013 to 2023
<b>Total</b>	<b>-0.7%</b>	<b>1.6%</b>	<b>1.3%</b>
Arts and Humanities	-4.5%	-2.7%	-2.3%
Biological and Agricultural Sciences	3.4%	3.4%	2.8%
Business	-4.8%	1.9%	2.1%
Education	-3.8%	-1.4%	-1.4%
Engineering	-0.2%	1.5%	1.5%
Health Sciences	-2.5%	1.0%	2.2%
Mathematics and Computer Sciences	7.9%	12.8%	15.0%
Physical and Earth Sciences	4.4%	1.2%	0.7%
Public Administration and Services	-2.5%	-1.5%	0.6%
Social and Behavioral Sciences	-1.5%	0.1%	-0.4%
Other Fields	2.7%	5.0%	3.0%

**Table C.18 Total Graduate Enrollment by Broad Field and Attendance Status, 2013 to 2023**

Broad Field	Full-Time			Part-Time		
	% Change, 2022 to 2023	Average Annual % Change, 2018 to 2023	Average Annual % Change, 2013 to 2023	% Change, 2022 to 2023	Average Annual % Change, 2018 to 2023	Average Annual % Change, 2013 to 2023
<b>Total</b>	<b>0.5%</b>	<b>1.9%</b>	<b>1.0%</b>	<b>-2.6%</b>	<b>1.1%</b>	<b>1.6%</b>
Arts and Humanities	-3.1%	-2.6%	-2.0%	-8.0%	-2.8%	-2.9%
Biological and Agricultural Sciences	4.1%	2.9%	2.3%	1.0%	5.6%	4.4%
Business	-4.1%	1.6%	1.4%	-5.6%	2.3%	3.3%
Education	-4.6%	-1.8%	-2.1%	-3.2%	-1.2%	-0.9%
Engineering	1.2%	1.9%	1.4%	-3.8%	0.6%	1.4%
Health Sciences	-0.7%	1.2%	1.8%	-5.0%	0.7%	2.7%
Mathematics and Computer Sciences	7.2%	13.5%	13.1%	9.1%	11.6%	19.6%
Physical and Earth Sciences	3.2%	1.1%	0.9%	11.3%	1.5%	-0.1%
Public Administration and Services	0.2%	-1.6%	0.4%	-6.9%	-1.3%	0.9%
Social and Behavioral Sciences	0.5%	0.1%	-0.5%	-5.7%	-0.1%	-0.2%
Other Fields	7.6%	5.2%	3.1%	-3.2%	4.7%	2.9%

**Notes:** See Appendix D for the survey taxonomy. Group sizes for each annual change analysis (1, 5, and 10-year) were determined based on only those institutions that submitted data at both current and reference years.

**Table C.19 Total Graduate Enrollment by Broad Field and Citizenship, 2013 to 2023**

Broad Field	U.S. Citizens and Permanent Residents			Temporary Residents		
	% Change, 2022 to 2023	Average Annual % Change, 2018 to 2023	Average Annual % Change, 2013 to 2023	% Change, 2022 to 2023	Average Annual % Change, 2018 to 2023	Average Annual % Change, 2013 to 2023
<b>Total</b>	<b>-2.6%</b>	<b>0.4%</b>	<b>0.5%</b>	<b>4.6%</b>	<b>6.6%</b>	<b>5.3%</b>
Arts and Humanities	-6.1%	-3.3%	-2.8%	0.6%	0.8%	1.8%
Biological and Agricultural Sciences	0.2%	2.7%	2.6%	9.9%	6.2%	3.7%
Business	-4.3%	1.4%	2.2%	-2.6%	4.9%	2.0%
Education	-4.2%	-1.5%	-1.4%	0.3%	1.8%	0.4%
Engineering	-1.5%	1.4%	1.3%	1.2%	1.5%	1.8%
Health Sciences	-2.2%	1.0%	2.2%	3.1%	6.6%	4.2%
Mathematics and Computer Sciences	2.4%	6.2%	9.2%	10.9%	18.3%	20.8%
Physical and Earth Sciences	1.2%	0.2%	0.3%	9.6%	2.9%	1.8%
Public Administration and Services	-2.7%	-1.4%	0.6%	-1.9%	1.4%	0.2%
Social and Behavioral Sciences	-2.8%	-0.7%	-1.0%	2.9%	3.1%	3.0%
Other Fields	-3.2%	2.7%	1.8%	25.8%	13.9%	9.3%

**Notes:** See Appendix D for the survey taxonomy. Group sizes for each annual change analysis (1, 5, and 10-year) were determined based on only those institutions that submitted data at both current and reference years.

**Table C.20 Total Graduate Enrollment by Broad Field and Race/Ethnicity, 2013 to 2023 (U.S. Citizens and Permanent Residents Only)**

Broad Field	% Change '22 to '23	Avg. Annual % Change '18 to '23	Avg. Annual % Change '13 to '23	% Change '22 to '23	Avg. Annual % Change '18 to '23	Avg. Annual % Change '13 to '23	% Change '22 to '23	Avg. Annual % Change '18 to '23	Avg. Annual % Change '13 to '23
	<b>American Indian/Alaska Native</b>			<b>Asian/Pacific Islander*</b>			<b>Asian</b>		
<b>Total</b>	<b>-0.9%</b>	<b>0.6%</b>	<b>-0.9%</b>	<b>-0.3%</b>	<b>5.1%</b>	<b>5.1%</b>	<b>-0.4%</b>	<b>5.2%</b>	<b>5.4%</b>
Arts & Humanities	-0.7%	-4.3%	-4.4%	-3.6%	-0.9%	-0.2%	-3.4%	-0.7%	-0.1%
Bio. and Agric.Sci.	-2.1%	3.3%	1.3%	5.0%	6.1%	5.7%	5.5%	6.3%	5.9%
Business	2.0%	3.8%	0.9%	-3.5%	5.8%	5.8%	-3.5%	5.9%	5.9%
Education	-3.5%	1.3%	-1.6%	-3.2%	0.9%	1.4%	-3.8%	0.7%	1.6%
Engineering	-3.6%	0.5%	0.4%	3.7%	5.3%	4.2%	3.6%	5.4%	4.3%
Health Sciences	-11.3%	0.9%	-0.7%	-3.0%	3.0%	4.8%	-2.9%	3.2%	4.8%
Math & Comp. Sci.	10.7%	9.6%	4.9%	6.1%	17.2%	29.5%	6.1%	17.3%	30.0%
Physical & Earth Sci.	-20.2%	-6.0%	-4.4%	18.3%	8.6%	6.6%	18.3%	8.8%	6.8%
Public Admin. and Svcs.	-9.8%	-3.0%	-2.1%	-6.1%	1.6%	2.1%	-6.3%	1.5%	2.2%
Social and Behav. Sci	-5.6%	-0.8%	-3.2%	0.0%	3.9%	2.0%	-0.2%	4.0%	2.2%
Other Fields	0.0%	0.0%	-3.6%	0.0%	0.0%	1.2%	5.8%	12.0%	6.8%
	<b>Native Hawaiians/Other Pacific Islanders</b>			<b>Black/African American</b>			<b>Hispanic/Latino</b>		
<b>Total</b>	<b>3.8%</b>	<b>-0.3%</b>	<b>-2.1%</b>	<b>1.6%</b>	<b>2.3%</b>	<b>1.2%</b>	<b>1.5%</b>	<b>5.0%</b>	<b>6.8%</b>
Arts & Humanities	-10.8%	-5.9%	-3.4%	-3.8%	1.2%	0.8%	-1.5%	-0.1%	1.4%
Bio. and Agric.Sci.	-33.7%	-5.9%	-3.0%	3.9%	7.5%	7.4%	3.7%	9.3%	12.7%
Business	-6.5%	-0.3%	-0.2%	0.7%	3.7%	2.6%	-1.6%	6.8%	9.9%
Education	6.8%	4.0%	-0.4%	-0.7%	2.2%	-0.3%	-1.8%	2.2%	3.4%
Engineering	16.9%	-2.6%	-4.0%	-1.3%	3.7%	3.1%	0.5%	6.6%	7.7%
Health Sciences	-5.5%	-3.5%	-1.1%	2.5%	5.1%	5.7%	2.8%	8.5%	12.6%
Math & Comp. Sci.	5.6%	5.2%	2.8%	11.3%	8.3%	10.8%	6.5%	11.6%	18.2%
Physical & Earth Sci.	18.2%	-5.0%	-2.6%	9.0%	7.5%	3.5%	6.9%	9.0%	11.4%
Public Admin. and Svcs.	-1.7%	3.2%	-0.1%	1.7%	-2.3%	1.0%	1.6%	2.9%	6.8%
Social and Behav. Sci	7.8%	1.0%	-1.8%	3.0%	0.3%	0.4%	1.4%	4.9%	4.9%
Other Fields	-5.0%	-1.1%	0.7%	0.0%	0.0%	0.5%	4.4%	10.9%	12.2%
	<b>White</b>								
<b>Total</b>	<b>-4.8%</b>	<b>-1.4%</b>	<b>-0.80%</b>						
Arts & Humanities	-7.5%	-4.4%	-3.70%						
Bio. and Agric.Sci.	-1.6%	0.9%	0.90%						
Business	-6.2%	-0.7%	0.70%						
Education	-5.6%	-3.0%	-2.40%						
Engineering	-3.2%	-0.5%	-0.10%						
Health Sciences	-4.2%	-1.0%	0.30%						
Math & Comp. Sci.	-1.5%	1.6%	4.20%						
Physical & Earth Sci.	-2.3%	-2.0%	-1.20%						
Public Admin. and Svcs.	-5.1%	-2.3%	-0.60%						
Social and Behav. Sci	-5.4%	-2.4%	-2.20%						
Other Fields	-6.2%	0.4%	-0.10%						

\* Includes Asians and Native Hawaiians/Other Pacific Islanders.

**Notes:** See Appendix D for the survey taxonomy. See Appendix A for a description of each race/ethnicity category. Group sizes for each annual change analysis (1, 5, and 10-year) were determined based on only those institutions that submitted data at both current and reference years.

**Table C.21 Total Graduate Enrollment by Broad Field and Gender, 2013 to 2023**

Broad Field	Men			Women		
	% Change '22 to '23	Avg. Annual % Change '18 to '23	Avg. Annual % Change '13 to '23	% Change '22 to '23	Avg. Annual % Change '18 to '23	Avg. Annual % Change '13 to '23
<b>Total</b>	<b>-1.0%</b>	<b>1.4%</b>	<b>0.9%</b>	<b>-1.4%</b>	<b>1.7%</b>	<b>1.4%</b>
Arts and Humanities	-6.1%	-3.4%	-2.7%	-4.8%	-2.4%	-2.1%
Biological and Agricultural Sciences	0.7%	0.7%	0.6%	4.4%	5.4%	4.5%
Business	-4.9%	1.2%	1.2%	-5.2%	2.7%	3.1%
Education	-3.7%	-2.5%	-2.2%	-4.2%	-1.1%	-1.2%
Engineering	-0.4%	0.7%	0.8%	2.1%	3.9%	3.8%
Health Sciences	-5.0%	-0.6%	0.9%	-3.0%	1.2%	2.4%
Mathematics and Computer Sciences	6.8%	11.9%	13.6%	9.4%	14.6%	18.2%
Physical and Earth Sciences	3.4%	-0.2%	-0.3%	4.8%	3.1%	2.4%
Public Administration and Services	-5.2%	-2.1%	-1.1%	-3.0%	-1.5%	0.9%
Social and Behavioral Sciences	-4.9%	-2.1%	-1.7%	-0.6%	1.2%	0.5%
Other Fields	5.6%	4.6%	2.2%	0.1%	4.9%	3.4%

**Table C.22 Doctorate-Level Total Graduate Enrollment by Broad Field and Gender, 2013 to 2023**

Broad Field	Total			Men			Women		
	% Change '22 to '23	Avg. Annual % Change '18 to '23	Avg. Annual % Change '13 to '23	% Change '22 to '23	Avg. Annual % Change '18 to '23	Avg. Annual % Change '13 to '23	% Change '22 to '23	Avg. Annual % Change '18 to '23	Avg. Annual % Change '13 to '23
<b>Total</b>	<b>1.0%</b>	<b>1.4%</b>	<b>0.8%</b>	<b>-0.8%</b>	<b>-0.3%</b>	<b>-0.3%</b>	<b>1.6%</b>	<b>2.8%</b>	<b>1.7%</b>
Arts and Humanities	-3.0%	-2.4%	-2.2%	-5.0%	-3.3%	-2.6%	-3.1%	-1.9%	-2.0%
Biological and Agricultural Sciences	4.2%	3.1%	2.1%	1.5%	0.7%	0.4%	5.2%	5.0%	3.5%
Business	0.5%	2.3%	-1.3%	-0.8%	0.0%	-2.3%	0.7%	5.1%	-0.1%
Education	-1.9%	0.7%	-0.5%	-3.2%	-1.7%	-1.6%	-1.9%	1.8%	-0.1%
Engineering	2.3%	1.3%	1.7%	1.0%	0.2%	0.8%	5.2%	4.5%	4.6%
Health Sciences	-1.4%	2.6%	3.7%	-4.1%	0.0%	1.4%	-1.4%	3.4%	4.5%
Mathematics and Computer Sciences	5.7%	4.6%	3.7%	4.7%	3.7%	3.0%	6.5%	6.5%	5.7%
Physical and Earth Sciences	2.1%	1.1%	1.0%	0.2%	-0.4%	-0.1%	3.7%	3.4%	3.0%
Public Administration and Services	-2.2%	3.3%	-1.5%	-3.5%	1.1%	-3.9%	-3.5%	4.0%	-0.4%
Social and Behavioral Sciences	-1.5%	-1.0%	-0.9%	-3.9%	-3.0%	-2.1%	-1.3%	0.2%	-0.1%
Other Fields	-3.0%	0.6%	-0.4%	-3.1%	-1.4%	-1.8%	-4.1%	2.2%	0.7%



**Table C.23 Master's-Level Total Graduate Enrollment by Broad Field and Gender, 2013 to 2023**

Broad Field	Total			Men			Women		
	% Change '22 to '23	Avg. Annual % Change '18 to '23	Avg. Annual % Change '13 to '23	% Change '22 to '23	Avg. Annual % Change '18 to '23	Avg. Annual % Change '13 to '23	% Change '22 to '23	Avg. Annual % Change '18 to '23	Avg. Annual % Change '13 to '23
<b>Total</b>	<b>-1.3%</b>	<b>1.7%</b>	<b>1.4%</b>	<b>-1.1%</b>	<b>2.2%</b>	<b>1.6%</b>	<b>-2.4%</b>	<b>1.3%</b>	<b>1.3%</b>
Arts and Humanities	-5.5%	-2.9%	-2.3%	-6.9%	3.5%	-2.7%	-6.0%	-2.7%	-2.2%
Biological and Agricultural Sciences	2.4%	3.8%	3.8%	-0.6%	0.7%	1.0%	3.5%	5.9%	5.9%
Business	-5.1%	1.9%	2.3%	-5.1%	1.3%	1.5%	-5.6%	2.6%	3.4%
Education	-4.3%	-2.0%	-1.7%	-3.9%	-2.8%	-2.4%	-4.8%	-1.9%	-1.4%
Engineering	-1.9%	1.7%	1.2%	-1.4%	1.1%	0.7%	-0.2%	3.4%	3.1%
Health Sciences	-2.9%	0.3%	1.7%	-5.4%	-1.0%	0.6%	-3.6%	0.5%	1.7%
Mathematics and Computer Sciences	8.4%	15.5%	20.8%	7.3%	14.8%	19.6%	9.9%	16.8%	23.4%
Physical and Earth Sciences	12.5%	1.5%	0.1%	16.6%	0.6%	-0.8%	7.8%	2.4%	1.2%
Public Administration and Services	-2.5%	-1.7%	0.8%	-5.4%	-2.4%	-0.6%	-2.9%	-1.7%	1.0%
Social and Behavioral Sciences	-1.4%	1.0%	0.1%	-5.8%	-1.2%	-1.3%	-0.1%	2.0%	0.9%
Other Fields	3.6%	5.8%	3.8%	7.3%	6.3%	3.4%	0.8%	5.4%	3.9%

**Notes:** See Appendix D for the survey taxonomy. Group sizes for each annual change analysis (1, 5, and 10-year) were determined based on only those institutions that submitted data at both current and reference years.

**Table C.24 Graduate Degrees and Certificates Awarded by Degree Level and Institution Type, 2012-13 to 2022-23**

<b>Degree Level and Institution Type *</b>	<b>% Change, '21-22 to '22-23</b>	<b>Average Annual % Change, '17-18 to '22-23</b>	<b>Average Annual % Change, '12-13 to '22-23</b>
<b>Doctoral Degrees</b>	<b>9.7%</b>	<b>3.7%</b>	<b>3.0%</b>
<i>Public</i>	4.2%	2.0%	2.0%
<i>Private, not-for-profit</i>	1.1%	2.5%	2.2%
<i>Private, for-profit</i>	S	S	S
<b>Master's Degrees</b>	<b>9.0%</b>	<b>3.2%</b>	<b>2.4%</b>
<i>Public</i>	10.6%	3.9%	3.2%
<i>Private, not-for-profit</i>	10.1%	2.8%	2.5%
<i>Private, for-profit</i>	S	S	S
<b>Graduate-Level Certificates</b>	<b>5.4%</b>	<b>8.8%</b>	<b>6.2%</b>
<i>Public</i>	9.2%	12.5%	12.0%
<i>Private, not-for-profit</i>	-2.8%	1.8%	-1.5%
<i>Private, for-profit</i>	S	S	S

**Notes:** Group sizes for each annual change analysis (1, 5, and 10-year) were determined based on only those institutions that submitted data at both current and reference years. S = Suppressed due to small number of institutional respondents in this category.

**Table C.25 Graduate Degrees and Certificates Awarded by Degree Level and Carnegie Classification, 2012-13 to 2022-23**

<b>Carnegie Classification and Institution Type *</b>	<b>% Change, '21-22 to '22-23</b>	<b>Average Annual % Change, '17-18 to '22-23</b>	<b>Average Annual % Change, '12-13 to '22-23</b>
<b>Doctoral Degrees</b>	<b>9.8%</b>	<b>3.7%</b>	<b>3.0%</b>
<i>Doctoral: Very High Research</i>	2.1%	1.2%	1.2%
<i>Doctoral: High Research</i>	4.8%	3.9%	4.1%
<i>Doctoral/Professional Universities</i>	3.5%	7.3%	7.0%
<i>Master's Colleges and Universities</i>	7.3%	8.9%	12.3%
<i>Other</i>	S	S	S
<b>Master's Degrees</b>	<b>9.0%</b>	<b>3.2%</b>	<b>2.4%</b>
<i>Doctoral: Very High Research</i>	15.1%	4.5%	4.3%
<i>Doctoral: High Research</i>	5.1%	2.0%	1.2%
<i>Doctoral/Professional Universities</i>	-1.9%	2.1%	1.0%
<i>Master's Colleges and Universities</i>	5.5%	2.3%	1.8%
<i>Other</i>	-29.9%	-7.3%	-6.9%
<b>Graduate-Level Certificates</b>	<b>5.5%</b>	<b>8.8%</b>	<b>6.2%</b>
<i>Doctoral: Very High Research</i>	9.3%	13.2%	8.3%
<i>Doctoral: High Research</i>	-7.8%	5.6%	7.0%
<i>Doctoral/Professional Universities</i>	25.5%	4.3%	8.9%
<i>Master's Colleges and Universities</i>	9.8%	5.7%	4.2%
<i>Other</i>	-11.8%	-1.1%	-5.6%

\* See Appendix A for information about the Carnegie Classification system.

**Notes:** Group sizes for each annual change analysis (1, 5, and 10-year) were determined based on only those institutions that submitted data at both current and reference years. S = Suppressed due to small number of institutional respondents in this category.

**Table C.26 Graduate Degrees and Certificates Awarded by Degree Level, Institution Type, and Gender, 2012-13 to 2022-23**

Degree Level and Institution Type *	Men			Women		
	% Change, '21-22 to '22-23	Average Annual % Change, '17-18 to '22-23	Average Annual % Change, '12-13 to '22-23	% Change, '21-22 to '22-23	Average Annual % Change, '17-18 to '22-23	Average Annual % Change, '12-13 to '22-23
<b>Doctoral Degrees</b>	<b>3.8%</b>	<b>1.3%</b>	<b>1.4%</b>	<b>14.2%</b>	<b>5.9%</b>	<b>4.5%</b>
Public	1.4%	0.3%	0.9%	6.1%	3.5%	3.1%
Private, not-for-profit	-3.4%	0.8%	0.9%	4.3%	3.8%	3.4%
Private, for-profit	S	S	S	S	S	S
<b>Master's Degrees</b>	<b>14.3%</b>	<b>2.8%</b>	<b>2.3%</b>	<b>5.1%</b>	<b>3.4%</b>	<b>2.4%</b>
Public	16.8%	3.3%	3.2%	6.5%	4.2%	3.3%
Private, not-for-profit	12.3%	2.6%	1.9%	7.7%	3.0%	2.9%
Private, for-profit	S	S	S	S	S	S
<b>Graduate-Level Certificates</b>	<b>13.2%</b>	<b>8.7%</b>	<b>8.0%</b>	<b>1.2%</b>	<b>8.6%</b>	<b>5.7%</b>
Public	18.2%	13.3%	15.6%	4.4%	11.8%	10.4%
Private, not-for-profit	3.1%	0.4%	-1.5%	-6.4%	2.5%	-0.9%
Private, for-profit	S	S	S	S	S	S

**Notes:** Group sizes for each annual change analysis (1, 5, and 10-year) were determined based on only those institutions that submitted data at both current and reference years. S = Suppressed due to small number of institutional respondents in this category.

**Table C.27 Graduate Degrees and Certificates Awarded by Degree Level, Carnegie Classification, and Gender, 2012-13 to 2022-23**

Degree Level and Institution Type *	Men			Women		
	% Change, '21-22 to '22-23	Average Annual % Change, '17-18 to '22-23	Average Annual % Change, '12-13 to '22-23	% Change, '21-22 to '22-23	Average Annual % Change, '17-18 to '22-23	Average Annual % Change, '12-13 to '22-23
<b>Doctoral Degrees</b>	<b>3.9%</b>	<b>1.3%</b>	<b>1.4%</b>	<b>14.3%</b>	<b>5.9%</b>	<b>4.5%</b>
<i>Doctoral: Very High Research</i>	0.3%	0.0%	0.5%	3.5%	2.3%	1.9%
<i>Doctoral: High Research</i>	-1.2%	1.7%	2.2%	8.5%	5.3%	5.9%
<i>Doctoral/Professional Universities</i>	-7.6%	3.6%	3.8%	7.6%	8.8%	8.4%
<i>Master's Colleges and Universities</i>	5.4%	8.1%	12.6%	7.9%	9.5%	12.6%
<i>Other</i>	S	S	S	S	S	S
<b>Master's Degrees</b>	<b>14.3%</b>	<b>2.8%</b>	<b>2.3%</b>	<b>5.1%</b>	<b>3.4%</b>	<b>2.4%</b>
<i>Doctoral: Very High Research</i>	18.5%	3.8%	3.8%	11.8%	4.9%	4.7%
<i>Doctoral: High Research</i>	8.6%	1.2%	0.7%	2.4%	2.7%	1.6%
<i>Doctoral/Professional Universities</i>	2.1%	1.3%	-0.4%	-3.3%	2.3%	1.4%
<i>Master's Colleges and Universities</i>	13.2%	2.3%	2.3%	1.5%	2.2%	1.5%
<i>Other</i>	-13.9%	-5.4%	-6.4%	-37.5%	-8.3%	-7.2%
<b>Graduate-Level Certificates</b>	<b>13.3%</b>	<b>8.7%</b>	<b>8.0%</b>	<b>1.2%</b>	<b>8.6%</b>	<b>5.7%</b>
<i>Doctoral: Very High Research</i>	18.2%	14.0%	13.8%	3.6%	12.2%	5.8%
<i>Doctoral: High Research</i>	-4.2%	4.3%	7.5%	-10.0%	6.4%	8.4%
<i>Doctoral/Professional Universities</i>	36.7%	3.8%	7.9%	22.6%	4.4%	9.1%
<i>Master's Colleges and Universities</i>	35.9%	3.4%	5.4%	1.9%	6.4%	3.8%
<i>Other</i>	-20.7%	-5.3%	-7.5%	-7.9%	1.1%	-3.8%

\* See Appendix A for information about the Carnegie Classification system.

**Notes:** Group sizes for each annual change analysis (1, 5, and 10-year) were determined based on only those institutions that submitted data at both current and reference years. S = Suppressed due to small number of institutional respondents in this category.

**Table C.28 Graduate-Level Certificates Awarded by Broad Field and Gender, 2012-13 to 2022-23**

Broad Field	Total			Men			Women		
	% Change '21-22 to '22-23	Avg. Annual % Change '17-18 to '22-23	Avg. Annual % Change '12-13 to '22-23	% Change '21-22 to '22-23	Avg. Annual % Change '17-18 to '22-23	Avg. Annual % Change '12-13 to '22-23	% Change '21-22 to '22-23	Avg. Annual % Change '17-18 to '22-23	Avg. Annual % Change '12-13 to '22-23
<b>Total</b>	<b>5.5%</b>	<b>8.8%</b>	<b>6.2%</b>	<b>13.3%</b>	<b>8.7%</b>	<b>8.0%</b>	<b>1.2%</b>	<b>8.6%</b>	<b>5.7%</b>
Arts and Humanities	-14.4%	6.2%	-0.1%	-14.7%	7.0%	-0.5%	-15.0%	5.8%	0.1%
Biological and Agricultural Sciences	-6.6%	11.5%	4.1%	-10.2%	7.6%	1.9%	-5.0%	13.2%	5.9%
Business	10.2%	12.0%	13.1%	16.6%	13.9%	13.7%	3.3%	10.0%	12.1%
Education	2.2%	1.8%	5.8%	2.1%	0.8%	4.8%	2.1%	1.9%	6.0%
Engineering	10.4%	-1.8%	2.8%	14.1%	-2.2%	1.9%	-0.2%	-1.1%	6.0%
Health Sciences	-4.8%	5.9%	5.8%	-0.8%	3.1%	3.0%	-6.6%	5.7%	6.6%
Mathematics and Computer Sciences	21.9%	5.8%	16.6%	20.2%	5.1%	16.5%	24.0%	7.1%	16.5%
Physical and Earth Sciences	-21.4%	6.4%	0.2%	-25.1%	6.8%	-0.1%	-16.4%	6.0%	0.5%
Public Administration and Services	24.3%	5.8%	4.8%	43.3%	5.4%	6.3%	16.1%	6.7%	4.1%
Social and Behavioral Sciences	4.6%	4.9%	6.3%	17.6%	2.9%	2.6%	-1.7%	5.7%	8.9%
Other Fields	1.2%	11.6%	8.6%	2.7%	14.6%	8.0%	-0.5%	9.6%	8.8%

**Notes:** See Appendix D for the survey taxonomy. Group sizes for each annual change analysis (1, 5, and 10-year) were determined based on only those institutions that submitted data at both current and reference years.

**Table C.29 Master's Degrees Awarded by Broad Field and Gender, 2012-13 to 2022-23**

Broad Field	Total			Men			Women		
	% Change '21-22 to '22-23	Avg. Annual % Change '17-18 to '22-23	Avg. Annual % Change '12-13 to '22-23	% Change '21-22 to '22-23	Avg. Annual % Change '17-18 to '22-23	Avg. Annual % Change '12-13 to '22-23	% Change '21-22 to '22-23	Avg. Annual % Change '17-18 to '22-23	Avg. Annual % Change '12-13 to '22-23
<b>Total</b>	<b>9.0%</b>	<b>3.2%</b>	<b>2.4%</b>	<b>14.3%</b>	<b>2.8%</b>	<b>2.3%</b>	<b>5.1%</b>	<b>3.4%</b>	<b>2.4%</b>
Arts and Humanities	1.0%	-1.5%	-2.1%	-1.7%	-2.3%	-2.7%	1.6%	-1.0%	-1.8%
Biological and Agricultural Sciences	11.2%	4.9%	4.8%	9.3%	1.8%	2.0%	11.9%	6.8%	7.1%
Business	6.2%	5.6%	3.9%	6.5%	4.4%	2.5%	5.4%	7.3%	6.0%
Education	-5.1%	0.1%	-1.1%	-5.2%	-1.5%	-1.9%	-5.3%	0.4%	-0.9%
Engineering	31.6%	1.3%	3.4%	31.1%	0.3%	2.5%	32.0%	4.1%	6.2%
Health Sciences	2.7%	2.9%	4.3%	1.2%	1.3%	3.5%	2.1%	3.2%	4.3%
Mathematics and Computer Sciences	56.4%	14.9%	21.1%	54.0%	14.7%	18.8%	59.8%	15.0%	26.5%
Physical and Earth Sciences	10.4%	1.4%	0.8%	5.7%	-0.9%	-0.6%	15.7%	4.6%	2.8%
Public Administration and Services	2.8%	1.5%	1.4%	2.6%	-0.2%	-0.1%	1.8%	1.7%	1.7%
Social and Behavioral Sciences	13.7%	3.8%	1.6%	11.8%	1.6%	0.2%	13.8%	5.1%	2.5%
Other Fields	15.4%	7.6%	4.2%	17.5%	7.1%	3.8%	13.6%	7.6%	4.2%

**Notes:** See Appendix D for the survey taxonomy. Group sizes for each annual change analysis (1, 5, and 10-year) were determined based on only those institutions that submitted data at both current and reference years.

**Table C.30 Doctoral Degrees Awarded by Broad Field and Gender, 2012-13 to 2022-23**

Broad Field	Total			Men			Women		
	% Change '21-22 to '22-23	Avg. Annual % Change '17-18 to '22-23	Avg. Annual % Change '12-13 to '22-23	% Change '21-22 to '22-23	Avg. Annual % Change '17-18 to '22-23	Avg. Annual % Change '12-13 to '22-23	% Change '21-22 to '22-23	Avg. Annual % Change '17-18 to '22-23	Avg. Annual % Change '12-13 to '22-23
<b>Total</b>	<b>9.8%</b>	<b>3.7%</b>	<b>3.0%</b>	<b>3.9%</b>	<b>1.3%</b>	<b>1.4%</b>	<b>14.2%</b>	<b>5.9%</b>	<b>4.5%</b>
Arts and Humanities	-0.2%	-2.5%	-2.0%	-0.8%	-2.3%	-2.1%	-0.6%	-2.9%	-2.0%
Biological and Agricultural Sciences	6.8%	2.2%	1.3%	1.3%	0.3%	0.3%	11.0%	4.0%	2.2%
Business	20.4%	7.4%	1.8%	13.2%	4.4%	1.1%	27.9%	12.7%	2.4%
Education	4.9%	1.7%	0.6%	-2.8%	-0.8%	-1.1%	7.6%	3.0%	1.2%
Engineering	-1.6%	1.9%	2.0%	-2.0%	1.4%	1.5%	-0.9%	3.2%	3.6%
Health Sciences	6.6%	4.7%	7.1%	-1.3%	1.3%	4.9%	9.2%	6.0%	7.9%
Mathematics and Computer Sciences	2.6%	3.8%	2.0%	3.4%	3.4%	1.8%	-0.4%	4.8%	2.3%
Physical and Earth Sciences	3.2%	0.7%	1.3%	1.5%	-0.3%	0.9%	6.0%	2.5%	2.2%
Public Administration and Services	-5.5%	5.4%	4.7%	-17.1%	1.3%	1.4%	-3.0%	7.2%	5.9%
Social and Behavioral Sciences	-0.4%	-0.7%	0.1%	0.4%	-1.4%	-0.5%	-1.8%	-0.4%	0.5%
Other Fields	3.0%	0.1%	0.1%	8.1%	-1.2%	-1.1%	-1.7%	1.0%	1.4%

**Notes:** See Appendix D for the survey taxonomy. Group sizes for each annual change analysis (1, 5, and 10-year) were determined based on only those institutions that submitted data at both current and reference years.



# 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/GRE® Survey of Graduate Enrollment and Degrees

2023 \_\_\_\_\_ Data Sheet

Institution: \_\_\_\_\_

GRE Institution Code: \_\_\_\_\_

[Print](#)

### I. Graduate Enrollment for 2023 Fall Term

	First Time				Total (Includes First Time)			
	Men	Women	Other	Total	Men	Women	Other	Total
Master's and Other	1	2	3	4	25	26	27	28
Doctorate	5	6	7	8	29	30	31	32
<b>Total</b>	9	10	11	12	33	34	35	36
Full Time	13	14	15	16	37	38	39	40
Part Time	17	18	19	20	41	42	43	44
<b>Total</b>	21	22	23	24	45	46	47	48

### II. Number of Degrees Conferred between July 1, 2022, and June 30, 2023

	Men	Women	Other	Total
Master's and Other	49	50	51	52
Doctorate	53	54	55	56
Graduate Certificate	57	58	59	60

### III. Number of Completed Applications Submitted for 2023 Fall Term

	Master's and Other*	Doctorate	Total
Accepted	61	62	63
Not Accepted	64	65	66
<b>Total</b>	67	68	69

### IV. Graduate Enrollment by Race/Ethnicity for 2023 Fall Term

	First-Time				Total (Includes First Time)				
	Men	Women	Other	Total	Men	Women	Other	Total	
Non-Resident Aliens (Temporary Residents)	70	71	72	73	114	115	116	117	
U.S. Citizens and Permanent Residents	Hispanic/Latino (of any race)	74	75	76	77	118	119	120	121
	American Indian/Alaskan Native	78	79	80	81	122	123	124	125
	Asian	82	83	84	85	126	127	128	129
	Black/African American	86	87	88	89	130	131	132	133
	Native Hawaiian/Other Pacific Islander	90	91	92	93	134	135	136	137
	White	94	95	96	97	138	139	140	141
	Two or More Races	98	99	100	101	142	143	144	145
	Race/Ethnicity Unknown	102	103	104	105	146	147	148	149
Citizenship Unknown	106	107	108	109	150	151	152	153	
<b>Total</b>	110	111	112	113	154	155	156	157	

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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