



Graduate Enrollment and Degrees:

2011 to 2021

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Enyu Zhou

November 2022

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Quick Takes

The CGS/GRE Survey of Graduate Enrollment and Degrees is a leading source of information on master's and doctoral program applications, enrollment, and degrees conferred in the United States. This report highlights findings from Fall 2021 and includes detailed data tables. Below are key points from this year's survey.

Highlights by Selected Institutional Types

- **Applications for Admission.** Applications for admission to graduate school between Fall 2020 and Fall 2021 increased substantially (8.7%). There were large increases in applications to Master's Colleges and Universities (17.9%) and Doctoral Universities with High Research Activities (R2) (16.2%). There were also moderate increases in applications to Doctoral Universities with Very High Research Activities (R1), and Doctoral or Professional Universities (D/PU) (6.6% and 1.6%, respectively) (Table C.1).
- **First-time Enrollment.** First-time enrollment increased by 8.9% overall between Fall 2020 and Fall 2021, but changes varied greatly by institution type. Specifically, there was a 13.5% increase in first-time enrollment at Doctoral Universities with Very High Research Activities (R1), a 2.1% increase in first-time enrollment at Doctoral Universities with High Research Activities (R2), and a 6.5% increase in first-time enrollment at Master's Colleges and Universities. However, there was a 3.1% decrease in first-time enrollment at Doctoral or Professional Universities (D/PU) (Table C.4).

Highlights by Selected Degree Objectives

- **Graduate-level Certificates.** Between 2019-20 and 2020-21, the number of graduate-level certificates awarded increased by 3.7% (Table C.25). During 2020-21, the largest proportion of certificates were awarded in the fields of education (27.4%), business (14.1%), and health sciences (13.9%) (Table B.22). Furthermore, over the past year some institutions saw robust growth of the graduate certificates awarded, with an average annual increase of 15.1% for Doctoral Universities with High Research Activities (R2) and 3.5% for Doctoral or Professional Universities (D/PU) (Table C.25). The number of graduate-level certificates awarded has grown over the last five- and ten-year periods. Between 2015-16 and 2020-21, the number of graduate-level certificates awarded increased 8.0%, and between 2010-2011 and 2020-21, the number of graduate-level certificates awarded increased 11.5% (Table C.25).
- **Master's Degrees.** Applications for admissions to master's degree or graduate-level certificate programs increased 8.5% over the past year (Table C.3). The large majority (84.4%) of all first-time graduate students in Fall 2021 were enrolled in programs leading to a master's degree or a graduate certificate (Table B.6). The number of master's degrees awarded by institutions participating in the survey increased by 2.6% between 2019-20 and 2020-21 (Table C.29).
- **Doctoral Degrees.** Applications to graduate school increased substantially at the doctoral level (8.9%) between Fall 2020 and Fall 2021 (Table C.3). Moreover, there was a 5.1% increase of doctoral first-time enrollment during the same period (Table C.12). The number of doctoral degrees awarded increased by 1.1% between 2019-20 and 2020-21 (Table C.30).

Highlights by Selected Student Demographics

- **Underrepresented Minorities.** There were decreases in first-time enrollment among underrepresented minorities for the past year. First-time graduate enrollment decreased 4.5% among American Indian/Alaska Native students, 4.1% among Black/African American students, and 0.9% among Latinx students¹ between Fall 2020 and Fall 2021 (Table C.5). Although there were decreases in first-time graduate enrollment among underrepresented minorities, there were increases in total graduate enrollment among these groups. Between Fall 2020 and Fall 2021, total enrollment increased by 6.8% among Latinx students, 1.9% among Black/African Americans, and 0.7% among American Indian/Alaskan Natives (Table C.20).
- **International Students.**² The survey observed a substantial increase (94.5%) in international graduate first-time enrollment between Fall 2020 and Fall 2021. International student enrollments are rebounding, given the large decrease (-37.4%) during the COVID-19 pandemic between Fall 2019 and Fall 2020. The increase in international first-time enrollment was across all fields of study. Increases were largest in fields of study with large shares of international graduate students, including engineering (123.9%), mathematics and computer sciences (193.1%), and physical and earth sciences (81.1%). These fields were particularly hard hit during the pandemic between 2019 and 2020, which probably saw many students defer admission to graduate school (Tables C.9).
- **Domestic Students.** By contrast, domestic first-time graduate enrollment declined by 4.0% between Fall 2020 and Fall 2021. Domestic enrollment declined in eight of 11 fields of study with the largest decreases in business (-13.9%), education (-5.9%), biological and agricultural sciences (-5.1%), and public administration and services (-5.1%). Increases in other fields were relatively small, including “other fields,” (2.9%), health sciences (0.8%), and mathematics and computer sciences (0.3%) (Table C.9). Finally, domestic first-time graduate enrollment declined more among men (-6.0%) than it did for women (-2.8%) between Fall 2020 and Fall 2021 (Table C.6). Despite the decrease of domestic first-time enrollment, the total graduate enrollment of domestic students increased by 2.5% during the same period (Table C.15).
- **Part-time Students.** First-time enrollment of part-time graduates saw a 6.2% decrease between Fall 2020 and Fall 2021, while full-time graduate enrollment increased by 17.3%. This is likely due to the decrease of domestic first-time enrollment and the increase of international first-time enrollment.

The declines in first-time, part-time graduate enrollment were observed in all of the three largest fields: business (-15.6%), education (-8.1%), and health sciences (-5.4%) (Table C.8).

1 The term Hispanic/Latino is used as one of the citizenship and racial/ethnicity categories in the survey instrument ([Appendix E](#)). The term Latinx is used in the body of the report when referring to Hispanic/Latino population.

2 The term Temporary Residents is used as one of the citizenship and racial/ethnicity categories in the survey instrument ([Appendix E](#)). The term International Student was used in the body of the report when referring to the Temporary Resident population.

Highlights by Selected Broad Fields of Study

- **Engineering.** First-time enrollment engineering increased by 35.9% (Table C.7). The first-time, full-time enrollment in engineering increased 54.6% (Table C.8) and the first-time international enrollment in engineering increased by 123.9% over the past year, reflecting the overall increase in international graduate first-time enrollment (Table C.9).
- **Health Sciences.** Graduate applications in health sciences increased 15.6% at the doctoral level and 12.3% at the master's level (Table C.3). There have been robust increases in awards of master's degrees (2.0%), graduate-level certificates (5.2%), and doctoral degrees (12.7%) in health sciences between 2019-20 and 2020-21 (Tables C.28, C.29 and C.30). Health sciences also conferred a large share of the doctoral degrees (23.9%) (Table B.22).
- **Mathematics and Computer Sciences.** There have been robust increases in first-time enrollment in mathematics and computer sciences (69.9%) between Fall 2020 and Fall 2021, following the positive trend over the previous five-year (12.8%) and ten-year (18.7%) period (Table C.7). Mathematics and computer sciences have the largest increase of first-time enrollment both for full-time students (109.8%), for part-time students (9.3%), for international students (193.1%), and for female students (70.9%) between Fall 2020 and Fall 2021 (Tables C.8, C.9 and C.11).

Contents

Introduction	vii
Acknowledgments	viii
Graduate Applications, Enrollment, and Degrees: Fall 2021	1
Graduate Applications	1
First-time Graduate Enrollment	2
Total Graduate Enrollment	4
Graduate Certificates and Degrees	5
Trends in Graduate Applications, Enrollment, and Degrees: 2011 to 2021	6
Graduate Applications	6
First-time Graduate Enrollment	7
Total Graduate Enrollment	9
Graduate Certificates and Degrees	10
Appendices	
A. Definitions	A1
B. Data Tables for Graduate Applications, First-Time Enrollment, and Total Enrollment, Fall 2021; and Degrees Conferred, 2020-21	B1
C. Data Tables for Trends in Graduate Applications, First-Time Enrollment, Total Enrollment; and Degrees Conferred, 2011 to 2021	C1
D. Taxonomy of Fields of Study	D1
E. Survey Instrument	E1

List of Figures

Figure 1.	Graduate Application Acceptance Rates by Carnegie Classification and Degree Level, Fall 2021	1
Figure 2.	First-time Graduate Enrollment by Broad Field of Study and Attendance Status, Fall 2021	2
Figure 3.	First-time Graduate Enrollment by Broad Field of Study and Citizenship, Fall 2021	3
Figure 4.	U.S. Citizen and Permanent Resident First-time Enrollment by Race/Ethnicity, Fall 2021	3
Figure 5.	Total Graduate Enrollment by Broad Field of Study and Degree Level, Fall 2021	4
Figure 6.	Changes in Graduate Applications by Degree Level, Fall 2011 to Fall 2021	6
Figure 7.	Trends in First-time Graduate Enrollment by Broad Field of Study, Fall 2011 to Fall 2021	9
Figure 8.	Percentage Shares in Total Graduate Enrollment of U.S. Citizens and Permanent residents by Selected Race/Ethnicity, Fall 2011 to Fall 2021	10
Figure 9.	Trends in Graduate Degrees Awarded by Degree Level, 2011 to 2021	11

Introduction

The CGS/GRE Survey of Graduate Enrollment and Degrees is jointly sponsored by the Council of Graduate Schools (CGS) and the Graduate Record Examinations (GRE) Program. Conducted annually since 1986, the survey is designed to provide information about applications for admission to graduate school, graduate student enrollment, and graduate degrees and certificates conferred.

The CGS/GRE Survey of Graduate Enrollment and Degrees is the only national survey that collects data on first-time and total graduate enrollment across all fields of master's and research doctorate programs in the United States. It is also the only source of data on first-time and total graduate enrollment by degree level (master's/certificates versus research doctorate) and the only national survey that collects data on applications to graduate school by broad field of study.

The Fall 2021 CGS/GRE Survey of Graduate Enrollment and Degrees Report provides a national view of graduate enrollment trends from the past five- and ten-years. By providing an annual examination of trends in graduate applications, enrollment, and degrees by broad field of study, degree level, and demographics, this report is essential for understanding how the pandemic has impacted the U.S. graduate education enterprise.

The 2021 CGS/GRE Survey of Graduate Enrollment and Degrees was launched in November 2021 and sent to the U.S.-based institutions that were members of the Council of Graduate Schools or one of the four regional graduate school associations—the Conference of Southern Graduate Schools (CSGS), the Midwestern Association of Graduate Schools (MAGS), the Northeastern Association of Graduate Schools (NAGS), and the Western Association of Graduate Schools (WAGS). This year's survey was sent to a total of 759 colleges and universities, and useable responses were received from 545 institutions, for an overall response rate of 71.8%.

This report begins by highlighting the findings with respect to the numbers of applications received from prospective graduate students for Fall 2021, first-time and total enrollment for Fall 2021, and the number of master's and doctoral degrees and other postbaccalaureate certificates conferred during the 2020-21 academic year. Then, this report describes some of the one-year comparisons and five- and ten-year average annual changes along with some trend lines. Full data tables appear at the end of the report in Appendix B (Data Tables for Graduate Applications, First-Time Enrollment, and Total Enrollment, Fall 2021, and Degrees Conferred, 2020-21) and Appendix C (Data Tables for Trends in Graduate Applications, First-Time Enrollment, Total Enrollment, and Degrees Conferred, 2011 to 2021). Other appendices include, Appendix A (Definitions), Appendix D (Taxonomy of Fields of Study), and Appendix E (Survey Instrument).

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Special thanks to CGS President Suzanne Ortega and Jeff Allum of Jeff Allum & Associates, LLC for their insights and guidance for the project. Also, thanks to CGS colleagues Julia Kent, Matthew Linton, Kelley Karnes, and Sarah Breyfogle for their roles in supporting this project. Also, thanks to the members of the CGS Committee on Research and Information Services, for their ongoing interest in and support of the survey.

Last, and most importantly, special thanks to the graduate deans, institutional researchers, and other staff at the colleges and universities who completed the CGS/GRE Survey of Graduate Enrollment and Degrees this and every year. We are incredibly grateful for the time and effort they, and others, gave to the survey project and report.

Graduate Applications, Enrollment, and Degrees: Fall 2021

To provide an overview of recent shifts in graduate enrollment, this section highlights the state of graduate applications for admission for Fall 2021 by broad field and degree level. It also highlights first-time and total enrollment in Fall 2021, with data presented by broad field, degree level, institution type, Carnegie Classification, attendance status, gender, race/ethnicity, and citizenship. Additionally, the numbers of graduate degrees and certificates conferred in the 2020-21 academic year are presented by broad field, degree level, and gender.

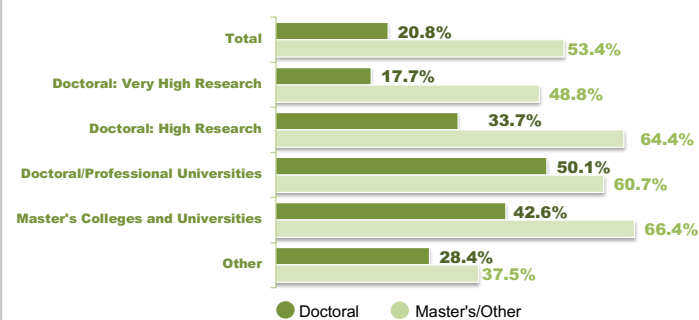
GRADUATE APPLICATIONS

Interest in pursuing graduate education remains high amid the ongoing effects of global pandemic. Institutions responding to the 2021 CGS/GRE Survey of Graduate Enrollment and Degrees received more than 2.4 million applications for admission to graduate programs beginning in Fall 2021. The figure includes more than 1.4 million applications for Fall 2021 received by public institutions and just over one million graduate applications for admission to private, not-for-profit institutions. Just over 1.6 million of the applications received by institutions responding to the survey were for master's/other programs, while about 770,000 applications were received for doctoral programs (Table B.1).

In Fall 2021, acceptance rates were lower for both doctoral programs and master's/other programs compared to Fall 2020. Acceptance rates for doctoral programs have traditionally been lower than acceptance rates for master's/other programs, and results from the 2021 survey were consistent with this pattern. Overall, 20.8% of doctoral applicants and 53.4% of master's/other applicants were accepted for admission. Private, not-for-profit institutions generally have lower acceptance rates than public institutions. Doctoral programs at private, not-for-profit R1 institutions were the most

selective, accepting 10.9% of applications received. Master's/other programs at these universities were also more selective with an overall acceptance rate of 41.9% (Table B.1 and Figure 1).

Figure 1. Graduate Application Acceptance Rates by Carnegie Classification and Degree Level, Fall 2021



Source: 2021 CGS/GRE Survey of Graduate Enrollment and Degrees, Table B.1

Mathematics and computer sciences (327,318), business (264,448), health sciences (247,985), and engineering (244,370) were the broad fields of study with the largest numbers of graduate applications, accounting for 55.2% of all graduate applications for which the intended field of study was known in Fall 2021 (Table B.2).

At the doctoral level, the largest number of total applications for Fall 2021 were in the social and behavioral sciences (117,833), engineering (86,708), and biological and agricultural sciences (84,979). These three broad fields alone accounted for 46.3% of all doctoral applications for which the intended field of study was known in Fall 2021. The broad field of social and behavioral sciences had the lowest aggregated doctoral application acceptance rate (10.6%) of all broad fields, followed by business with the acceptance rate of 15.3% (Table B.2).

For master's/other applications, the broad field of mathematics and computer sciences received the largest number of applications (258,982), followed by business (243,413). In terms of master's

acceptance rates, arts and humanities (40.8%) reported the lowest aggregated application acceptance rate, followed by mathematics and computer sciences (46.1%), physical and earth sciences (50.4%), and biological and agricultural sciences (52.2%) (Table B.2).

FIRST-TIME GRADUATE ENROLLMENT

A total of 513,155 graduate students enrolled for the first time in graduate certificate, education specialist, master's, or research doctoral programs in Fall 2021 at the institutions responding to the CGS/GRE Survey of Graduate Enrollment and Degrees (Table B.3). While additional details regarding first-time graduate enrollment for Fall 2021 can be found in Tables B.3 through B.11, a few highlights are worth noting here.

Consistent with previous survey cycles, business (74,949), health sciences (62,205), and education (59,625) were the three largest broad fields for first-time graduate enrollment in Fall 2021. These three broad fields collectively represented 45.7% of first-time graduate enrollments (Table B.4).

At those institutions responding the survey, 58.5% of first-time graduate students were women, though the proportion of women varies by field of study (Table B.4). While women constitute more than three-quarters of first-time graduate enrollment in fields of health sciences (80.0%),

public administration and services (79.8%), and education (77.3%) in Fall 2021, they comprised much smaller portions of first-time enrollment in the fields of engineering (29.1%), mathematics and computer sciences (33.6%), and physical and earth sciences (45.3%) (Table B.4).

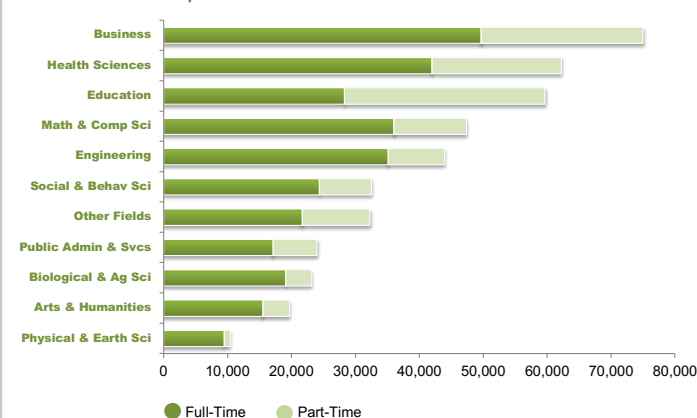
In Fall 2021, 30.4% of first-time graduate students were part-time students (Table B.4). Among the three largest broad fields for first-time graduate enrollment, 52.6% of education, 33.7% of business, and 32.6% of health sciences first-time enrollment were part-time students (Table B.4 and Figure 2). Overall, among first-time enrollees in Fall 2021, men were more likely to be enrolled full-time than women (73.5% and 67.0% respectively). This relationship holds for all but three broad fields: engineering, mathematics and computer sciences, and public administration and services where women were more likely to be enrolled full-time than men (Table B.5).

The large majority (84.4%) of first-time graduate students in Fall 2021 were enrolled in programs leading to a master's degree or a graduate certificate. In the broad fields of business (97.3%), public administration and services (96.6%), "other fields" (92.4%),³ mathematics and computer sciences (89.9%), and education (86.4%), the shares of master's/other enrollees were very high. By contrast, the majority (61.6%) of first-time graduate enrollment in physical and earth sciences were in doctoral programs (Table B.6).

Over one-third (34.2%) of all first-time master's/other students were enrolled in business (73,009) and education (51,504). At the doctoral level, the broad fields of health sciences (12,931) and engineering (9,560) were the largest, accounting for about one-third (34.2%) of all first-time doctoral students (Table B.6).

In Fall 2021, women comprised a larger share of first-time enrollees than men at both the master's and graduate certificate level (58.8%) and at the doctoral level (56.9%). Although women comprise the majority of first-time graduate students overall,

Figure 2. First-time Graduate Enrollment by Broad Field of Study and Attendance Status, Fall 2021



Source: 2021 CGS/GRE Survey of Graduate Enrollment and Degrees, Table B.4

3 The "other fields" category included the fields of Architecture and Environmental Design, Communications and Journalism, Family and Consumer Sciences, Library and Archival Sciences, and Religion and Theology (For more details, see [Appendix D](#)).

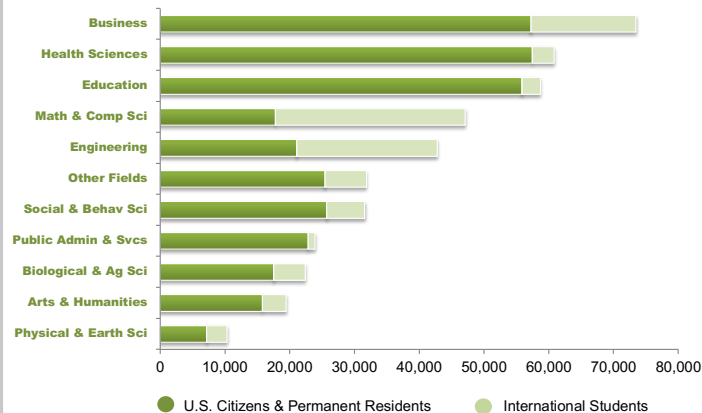
they were underrepresented at the master's and certificate level in engineering (28.4%), mathematics and computer sciences (34.0%), and business (46.3%). Moreover, men comprised a majority of doctoral first-time enrollees in engineering (68.2%), mathematics and computer sciences (70.0%), and physical and earth sciences (58.8%) (Table B.7).

Among first-time graduate enrollees in Fall 2021 for whom citizenship was known, 76.4% were U.S. citizens or permanent residents. The share of first-time domestic enrollment has declined for the first time after gradual increases over the past five years. The proportion of domestic first-time enrollment increased to 87.4% in Fall 2020 from 78.9% in Fall 2016 (Table B.8).⁴ Domestic students comprised the largest share of first-time graduate students in public administration and services (95.5%), followed closely by education (95.2%), and health sciences (94.5%) (Table B.9).

The share of international students among first-time graduate enrollment (23.6%) increased substantially, compared to the previous two years, Fall 2020 (12.6%) and Fall 2019 (20.0%).⁵ The share of international students among first-time graduate students was higher at private, not-for-profit universities (29.8%) than at public universities (21.0%). The share of international students among first-time graduate students was the largest at R1 institutions (30.4%) (Table B.8). International students comprised the largest share of first-time graduate students in mathematics and computer sciences (62.2%), followed by engineering (50.7%) (Table B.9 and Figure 3). Women were underrepresented among international students compared to domestic students. While 63.3% of first-time graduate enrollees who were U.S. citizens and permanent residents were women, only 42.9% of first-time graduate enrollees who were international students were women (Table B.10).

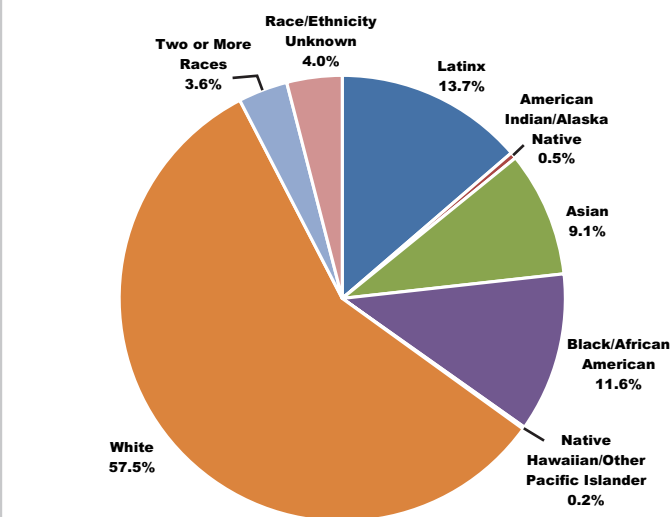
The share of underrepresented minorities (URM) among U.S. citizens and permanent residents for

Figure 3. U.S. First-time Graduate Enrollment by Broad Field of Study and Citizenship, Fall 2021



Source: 2021 CGS/GRE Survey of Graduate Enrollment and Degrees, Table B.9

Figure 4. U.S. Citizen and Permanent Resident First-time Graduate Enrollment by Race/Ethnicity, Fall 2021



Source: 2021 CGS/GRE Survey of Graduate Enrollment & Degrees, Table B.11

first-time enrollment has no change from the previous year.⁶ In Fall 2021, 25.9% of all first-time U.S. citizens and permanent resident enrollees were URM students, including American Indian/Alaska Native (0.5%), Black/African American (11.6%), Native Hawaiian/Other Pacific Islander

⁴ Data for the share of first-time domestic enrollment in Fall 2016 and Fall 2020 can be found in previous editions of the Graduate Enrollment and Degrees report, which are available on the Council of Graduate Schools' website.

⁵ Data for the share of first-time international enrollment in Fall 2019 and Fall 2020 can be found in previous editions of the *Graduate Enrollment and Degrees* report, which are available on the Council of Graduate Schools' website.

⁶ Data for the share of first-time underrepresented minorities (URM) among U.S. citizens and permanent residents can be found in the previous year's Graduate Enrollment and Degrees report, Fall 2020, which is available on the Council of Graduate Schools' website.

(0.2%), and Latinx (13.7%). The majority of U.S. citizens and permanent residents are White (57.5%) while smaller proportions are either Asian (9.1%), race/ethnicity unknown (4.0%), or two or more races (3.6%) (Table B.11 and Figure 4).

Underrepresented minority students are more likely than their majority peers to enroll in some fields, such as business, education, and health sciences. In other fields, however, the representation of traditionally underserved students of color remained relatively low. American Indian/Alaska Native, Black/African American, Latinx, and Native Hawaiian/Other Pacific Islander first-time graduate students remain particularly underrepresented in science, engineering, technology, and mathematics (STEM) fields. This frame of references is noteworthy due to the fact that URM enrollment across broad fields of study is not monolithic and showed significant variation across fields. For example, only 4.0% of U.S. citizens and permanent resident students enrolled for the first time in physical and earth sciences and 6.0% in engineering were Black/African American students. While only 4.2% of first-time students in education were Asian, they constituted a relatively large share of U.S. citizens and permanent residents enrolled for the first time in mathematics and computer sciences (23.6%) and engineering (15.7%) fields (Table B.11).

TOTAL GRADUATE ENROLLMENT

Institutions responding to the CGS/GRE Survey of Graduate Enrollment and Degrees enrolled nearly

1.7 million graduate students in Fall 2021. While complete details of total enrollment findings by institution type, gender, attendance status, broad field, degree level, citizenship, and race/ethnicity appear in Tables B.12 to B.20 a few highlights are worth noting in this section.

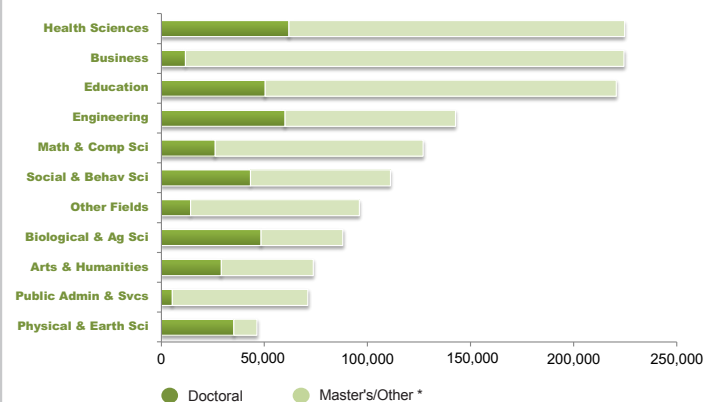
Across all institutions that participated in this survey, 58.8% of graduate students were enrolled full-time while 41.2% of graduate students were enrolled part-time in Fall 2021. The share of part-time students among all graduate students was the greatest at public Doctoral or Professional Universities (D/PU) with 61.7% of graduate students enrolled part-time. Similarly, 58.7% of graduate students at public Master's Colleges and Universities were enrolled part-time in Fall 2021 (Table B.12).

There were similarities and differences across broad fields of study between graduate students enrolled part-time and full-time in their programs. The three largest broad fields of study, – education (220,632), business (224,066), and health sciences (224,090), were also the fields with the largest proportions of part-time graduate students. More than six out of ten (62.0%) graduate students in education, nearly one-half (49.3%) of graduate students in business, and four out of ten (42.7%) graduate students in health sciences were enrolled part-time. By contrast, physical and earth sciences (16.3%), biological and agricultural sciences (24.7%), engineering (30.9%), and social and behavioral sciences (34.3%) had smaller proportions of graduate students enrolled part-time in their programs (Table B.13).

More than one-half (59.2%) of total enrollment in Fall 2021 were women, compared to 40.8% who were men (Table B.12). Among graduate students in Fall 2021, men were more likely to be enrolled full time than women (62.0% and 56.8% respectively) (Table B.14).

Nearly three quarters (72.7%) of the total graduate enrollment at institutions participating in this year's survey was in master's programs, while 27.3% was in doctoral programs. Graduate enrollment in business (94.7%) and public administration and services (92.6%) was heavily concentrated in master's/other programs. Across STEM fields, too, graduate enrollment was

Figure 5. Total Graduate Enrollment by Broad Field of Study and Degree Level, Fall 2021



Source: 2021 CGS/GRE Survey of Graduate Enrollment and Degrees, Table B.15

predominantly at the master's level. However, the majority of graduate enrollment in physical and earth sciences (76.1%) and biological and agricultural sciences (54.9%) was at the doctoral level (Table B.15 and Figure 5).

International graduate students constituted 19.0% of total enrollment in Fall 2021, compared with U.S. citizens and permanent residents, who constituted 81.0%. At Doctoral Universities with Very High Research Activities (R1), the share of international students was 26.3% (Table B.17). The percentage of international students was particularly high in mathematics and computer sciences (52.3%), engineering (45.6%), and physical and earth sciences (33.0%) (Table B.18).

Among U.S. citizens and permanent residents, Black/African American students were particularly underrepresented in several fields. While they constituted 12.0% of U.S. citizens and permanent resident graduate students overall, they accounted for only 3.5% of physical and earth sciences enrollees. Similarly, they were underrepresented in engineering (5.9%), biological and agricultural sciences (6.3%), and arts and humanities (7.0%) (Table B.20).

GRADUATE CERTIFICATES AND DEGREES

Institutions responding to the CGS/GRE Survey of Graduate Enrollment and Degrees awarded a total of more than 640,000 graduate certificates and degrees in the academic year 2020-21 (July 1, 2020 through June 30, 2021), including 75,345 doctoral degrees, 516,323 master's degrees, and 48,662 graduate certificates (Table B.21). A few highlights are described below, and full details can be found in Tables B.21 to B.25.

The large majority (80.6%) of degrees awarded in 2020-21 were master's degrees, followed by doctoral degrees (11.8%) and graduate certificates (7.6%) (Table B.21). By field of study, health sciences accounted for the largest number of doctoral degrees awarded in 2020-21, with 23.9% of the total, followed by engineering (14.9%), education (12.3%), and biological and agricultural sciences (11.2%) (Table B.22).

At the master's degree level, business and education had the largest numbers of degrees awarded, accounting for 21.3% and 17.2%, respectively. Of the broad fields in this report, education (27.4%), business (14.1%), and health sciences (13.9%) had large shares of certificates awarded by institutions participating in this survey during 2020-21 (Table B.22).

Consistent with recent trends, women earned the majority of graduate degrees and certificates awarded by participating institutions in 2020-21. Women earned 62.0% of graduate certificates awarded in 2020-21, 59.8% of master's degrees, and 53.1% of doctorates. The majority of graduate degrees and certificates awarded to women were in education, health sciences, public administration and services, and social and behavioral sciences. However, in many STEM fields, men still earned the majority of graduate degrees and certificates. Men earned about three-fourths of master's degrees (70.9%) and doctoral degrees (72.1%) in engineering. Similarly, 64.8% of master's degrees and 73.3% of doctoral degrees in mathematics and computer sciences were earned by men (Tables B.23, B.24, and B.25).

Trends in Graduate Applications, Enrollment, and Degrees: 2011 to 2021

Institutions responding to the CGS/GRE Survey of Graduate Enrollment and Degrees reported a significant increase in applications for admission and an increase in first-time graduate enrollment between Fall 2020 and Fall 2021. This section presents one-year comparisons; five- and ten-year average annual changes; and selected trends in graduate applications, first-time and total enrollment, and degrees conferred from universities that reported at all periods. The findings, detailed in Tables C.1 through C.30, are presented by broad field, degree level, institution type, Carnegie Classification, attendance status, gender, race/ethnicity, and citizenship status.

TRENDS IN GRADUATE APPLICATIONS

Between Fall 2020 and Fall 2021, applications for admission to U.S. graduate schools increased by 8.7% at the institutions that responded to the CGS/GRE Survey of Graduate Enrollment and Degrees in both 2020 and 2021. Tables C.1 to C.3 offer detailed information about trends in graduate applications. Public institution application counts increased 10.4%, and private, not-for-profit application counts increased by 5.9%. This is a

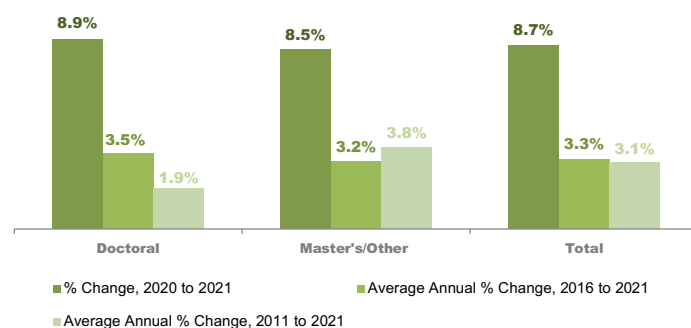
significant increase when compared to the last ten years. In the decade between Fall 2011 and Fall 2021, graduate applications grew at an average annual rate of 3.1% (Table C.1).

There were some differences by Carnegie Classification. The number of applications for admission to graduate school increased significantly at Master's Colleges and Universities (17.9%) and High Research Doctoral Universities (R2) (16.2%) between Fall 2020 and Fall 2021. At the same time, Very High Research Doctoral Universities (R1) and Doctoral/Professional Universities (D/PU) reported smaller increases in application (6.6% and 1.6%, respectively) (Table C.1).

Most broad fields of study saw one-year increases in graduate applications between Fall 2020 and Fall 2021 except arts and humanities, which decreased by 0.2%. In particular, applications for admission increased significantly in mathematics and computer sciences (18.9%). Growth was also seen in "other fields" (15.7%), social and behavioral sciences (14.3%), health sciences (13.4%) and physical and earth sciences (12.3%). Although graduate applications saw an overall increase (3.3%) over the last five years, between Fall 2016 and Fall 2021, the broad field of engineering saw a decline by 2.1% and the field of arts and humanities declined by 0.5%. Overall, institutions received more graduate applications in Fall 2021 than a decade ago in all fields except for arts and humanities (-1.9% annually over the last ten years) (Table C.2).

Applications for admission increased for doctoral programs (8.9%) and master's/other programs (8.5%) between Fall 2020 and Fall 2021. The five-year average annual rate of change was 3.5% at the doctoral level and 3.2% at the master's level between Fall 2016 and Fall 2021 (Figure 6). At the doctoral level, public administration and services (43.0%) had the largest one-year increase of all broad fields of study. This was a higher rate of

Figure 6. Changes in Graduate Applications by Degree Level, Fall 2011 to Fall 2021



Note: Master's/Other includes applications to graduate-level certificate and education specialist programs.

Source: 2021 CGS/GRE Survey of Graduate Enrollment and Degrees, Table C.1

increase when compared to its five-year average annual rate of change (14.2%). At the master's/other level, physical and earth sciences (21.6%) reported the highest one-year increase, closely followed by mathematics and computer sciences (21.5%), and social and behavioral sciences (13.4%) (Table C.3).

TRENDS IN FIRST-TIME GRADUATE ENROLLMENT

First-time graduate enrollment increased 8.9% between Fall 2020 and Fall 2021 at the institutions that responded to both the 2020 and 2021 CGS/GRE Surveys of Graduate Enrollment and Degrees. Public institutions saw growth in first-time enrollment (9.3%) between Fall 2020 and Fall 2021, and there was an increase in first-time enrollment at private, not-for-profit institutions (8.3%) as well. By Carnegie Classification, first-time graduate enrollment rose by 13.5% at Doctoral Universities with Very High Research Activities (R1), 6.5% at Master's Colleges and Universities, and 2.1% at Doctoral Universities with High Research Activities (R2) over the one year. Doctoral or Professional Universities (D/PU) saw their first-time graduate enrollment decrease by 3.1% (Table C.4).

With the easing of the global pandemic, first-time international graduate student enrollment increased substantially (94.5%), after a significant decrease (-37.4%) between Fall 2019 and Fall 2020. Moreover, the ten-year average annual change rates became positive (6.5%), meaning that the participating institutions saw more first-time international graduate students than in Fall 2011. This marks a shift from Fall 2020, when ten-year average annual change rates of first-time international enrollment saw a decline (-0.8%).

First-time graduate enrollment decreased (-4.0%) among U.S. citizens and permanent residents between Fall 2020 and Fall 2021. Over the past ten years, the first-time enrollment of U.S. citizens and permanent resident graduate students rose on average by 2.6% annually. First-time enrollment among White students, which constitutes the largest proportion (57.5%) of all first-time graduate enrollment in Fall 2021 declined by 5.7% between Fall 2020 and Fall 2021 among institutions responding to both surveys. Over the past ten years, White students experienced increase on average by 1.2% annually between Fall 2011 and Fall 2021

(Table C.5). White total enrollment declined in ten of 11 broad fields, with health sciences remaining flat (0.1%). Between Fall 2020 and Fall 2021, first-time enrollment among Asian students increased 3.1% and represents the only race/ethnic category among U.S. citizens and permanent residents to see an increase during this period (Table C.10).

Trends in First-time Enrollment Among Underrepresented Minority Students

Underrepresented minority students have driven much of the growth in first-time graduate enrollment among U.S. citizens and permanent residents over the past five-years. For example, between Fall 2016 and Fall 2021, first-time enrollment increased by 8.7% among Latinx, 3.7% among Black/African Americans, and 0.8% among American Indian/Alaska Natives. However, between Fall 2020 and Fall 2021, first-time enrollment decreased for all three groups. Among U.S. citizens and permanent resident graduate students, first-time enrollment fell slightly (-0.9%) among Latinx students and decreased by 4.1% for Black/African American students. Finally, based on an already small number, American Indian/Alaska Native students saw a 4.5% decrease (Table C.5).

Among Latinx students, which constitute 13.7% of first-time enrollment in Fall 2021, the largest of the three race/ethnic groups, the 0.9% decline in first-time graduate enrollment between Fall 2020 and Fall 2021 was the result of decreases across six of 11 broad fields of study (Tables B.11 and C.10). In fact, all three of the largest fields of study (business, education, and health sciences) reported declines among Latinx first-time enrollees, at -9.6%, -2.5%, and -0.4% respectively. Latinx saw increases in first-time enrollment in four of five STEM fields, ranging from 3.2% in physical and earth sciences to 4.6% in social and behavioral sciences (Table C.10).

The second largest category of underrepresented minority students, Blacks/African Americans, who account for 11.6% of all first-time enrollment in Fall 2021 experienced an overall 4.1% decrease in first-time graduate enrollment between Fall 2020 and Fall 2021 (Tables B. 11 and C.10). This includes declines in seven of 11 broad fields of study. First-time enrollment among Black/African American students declined in two of the three largest fields

of study (-13.8% in business and -8.5% in education) between Fall 2020 and Fall 2021, and in three of four STEM fields of study: biological and agricultural sciences (-5.9%), mathematics and computer science (-5.7%) and physical and earth sciences (3.9%). Increases in first-time graduate enrollment among Blacks/African Americans ranged from 1.6% in engineering to 3.8% in “other fields” between Fall 2020 and Fall 2021 (Table C.10).

American Indians/Alaska Natives, who represent 0.5% of first-time graduate enrollment in Fall 2021, experienced an overall 4.5% decrease in first-time graduate enrollment between Fall 2020 and fall 2021 (Tables B. 11 and C.10). Decreases were observed in seven of 11 fields of study, including all three of the largest fields of study: education (-16.9%), business (-5.5%), and health sciences (-1.7%). Increases in first-time graduate enrollment among American Indian/Alaska Native students were observed in physical and earth sciences (33.3%), arts and humanities (5.9%), and public administration and services (1.5%). These changes should be interpreted cautiously, given the small number of American Indian/Alaska Native first-time enrollees (Table C.10).

Despite the decreases of first-time enrollment among underrepresented minority students between 2020 and 2021, their average annual changes for first-time graduate enrollment over the past ten-year period were still positive. Between Fall 2011 and Fall 2021, first-time enrollment increased by 10.9% among Latinx, 4.3% among Black/African Americans, and 1.7% among American Indian/Alaska Natives (Table C.5).

Trends in First-time Enrollment by Gender and Field of Study

While women saw an increase (5.3%) in first-time graduate enrollment between Fall 2020 and Fall 2021, men saw an even larger increase (14.6%). This is driven by the substantial increase of international students. Among international students, first-time graduate enrollment increased by 77.3% for women and 110.1% for men and between Fall 2020 and Fall 2021. By comparison, among U.S. citizens and permanent residents, there was a 2.8% decline in first-time enrollment among women between Fall 2020 and Fall 2021, and 6.0%

decline in first-time enrollment among men during the same time period (Table C.6).

In terms of domestic first-time enrollment patterns, increases in the first-time enrollment of women, as observed by race/ethnicity, were larger than increases in the first-time enrollment of men between Fall 2020 and Fall 2021. For example, the increase in first-time enrollment among Asian/Pacific Islander women (5.5%) between Fall 2020 and Fall 2021 was greater than the increase in first-time enrollment among Asian/Pacific Islander men (0.2%). Similarly, decreases in first-time enrollment of women, as observed by race/ethnicity, were, with only one exception, smaller than decreases in first-time enrollment among men between Fall 2020 and Fall 2021. For example, while first-time enrollment among White women decreased by 4.0% between Fall 2020 and Fall 2021, first-time enrollment among White men decreased more, at 8.3%. The one exception being that the decline in first-time graduate enrollment among Black/African American women was larger (-4.7%) than the decline in first-time graduate enrollment among Black/African American men (-3.1%) (Table C.6).

First-time enrollment in fields with large shares of international graduate students increased significantly. Mathematics and computer sciences reported the largest one-year increase in first-time graduate enrollment (69.9%) between Fall 2020 and Fall 2021, followed by engineering (35.9%). Over the past ten-year period between Fall 2011 and Fall 2021, first-time enrollment in mathematics and computer sciences and engineering increased by 18.7% and 3.5% respectively. There were also increases in first-time graduate enrollment in the fields of physical and earth sciences (14.6%), “other fields” (10.9%), social and behavioral sciences (6.7%), biological and agricultural sciences (4.7%), and health sciences (2.4%). Arts and humanities reported a slight increase in first-time graduate enrollment (1.5%) between Fall 2020 and Fall 2021, although there was a 1.4% decrease over the past five-year period and a 1.7% decrease over the past ten-year period (Table C.7).

Several fields saw slight declines in first-time enrollment. First-time graduate enrollment in education decreased by 4.5%, business decreased by 3.4%, and public administration and services

decreased by 3.2% between Fall 2020 and Fall 2021 (Table C.7). In the decade spanning 2011 to 2021, increases in first-time enrollments have been particularly strong in the fields of health sciences and mathematics and computer sciences. Engineering is on the rebound back to Fall 2019 levels (Figure 7). For more detailed information about changes and trends in first-time graduate enrollment, see Tables C.4 through C.13.

Trends in First-time Enrollment by Attendance Status

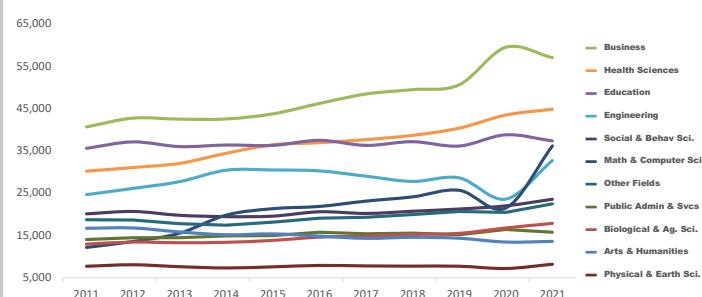
Among first-time graduate students, full-time graduate enrollment increased by 17.3%, while part-time graduate enrollment decreased by 6.2% between Fall 2020 and Fall 2021. Similar to the pattern of first-time graduate enrollment, first-time, full-time enrollment experienced the strongest gains in mathematics and computer sciences (109.8%) and engineering (54.6%). In fact, first-time, full-time enrollment increased in all five STEM fields of study between Fall 2020 and Fall 2021. First-time, part-time enrollment experienced largest growth in mathematics and computer sciences (9.3%), followed by social and behavioral sciences (1.8%). Declines in first-time, part-time graduate enrollment were observed in eight of 11 broad fields of study, the largest being in business (-15.6%). Over the past decade, first-time, part-time enrollment saw healthy increases in all broad fields except arts and humanities (-1.0%) and physical and earth sciences (-2.6%) (Table C.8).

TRENDS IN TOTAL GRADUATE ENROLLMENT

Total graduate enrollment increased 4.8% between Fall 2020 and Fall 2021 at the institutions responding to the CGS/GRE Survey of Graduate Enrollment and Degrees for both 2020 and 2021, the details of which can be seen in Tables C.14 through C.23.

Over the one-year period, between Fall 2020 and Fall 2021, total graduate enrollment increased 5.4% at public institutions and 4.8% at private, not-for-profit institutions. Total graduate enrollment increased on average by 1.9% annually between Fall 2016 and Fall 2021 and increased on average 1.1% annually during the ten-year period between Fall 2011 and Fall 2021 (Table C.14).

Figure 7. Trends in First-time Graduate Enrollment by Broad Field of Study, Fall 2011 to Fall 2021



Note: Trends were developed based upon institutions that provided data for all years 2011 to 2021; therefore, the numbers of first-time enrollments do not match data in the tables.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Between Fall 2020 and Fall 2021, the total graduate enrollment of U.S. citizens and permanent residents increased by 2.5%. Total enrollment of domestic students reflects trends of multiple preceding years. Moreover, total enrollment for international graduate students experienced a large increase (15.8%) (Table C.15). Total enrollment increased by 5.2% among men, and by 4.4% among women between Fall 2020 and Fall 2021. The growth of domestic total enrollment was greater for women (3.0%) than for men (1.6%) (Table C.16).

By fields of study, total graduate enrollment increased across most broad fields over the past year except for small decreases in arts and humanities (-0.6%) and education (-0.8%). The largest one-year increase in total graduate enrollment by broad field of study between Fall 2020 and Fall 2021 was in mathematics and computer sciences (18.5%). Engineering (7.7%), business (6.0%), biological and agricultural sciences (5.7%), social and behavioral sciences (5.1%), and health sciences (4.1%) also saw increases in total enrollment between Fall 2020 and Fall 2021 (Table C.17).

By attendance status, there was an 3.4% increase in total part-time graduate enrollment between Fall 2020 and Fall 2021. Total part-time graduate enrollment experienced the strongest gains in biological and agricultural sciences (14.7%), followed by social and behavioral sciences (11.5%), and mathematics and computer sciences (9.5%) (Table C.18).

Although there were decreases of first-time graduate enrollment among underrepresented minorities, there were increases in total graduate enrollment among these groups. Between Fall 2020 and Fall 2021, total enrollment increased by 6.8% among Latinx students, 1.9% among Black/African Americans, and 0.7% among American Indian/Alaskan Natives. However, there was a slight decrease of total enrollment among Native Hawaiians/Other Pacific Islanders (-3.6%). Total graduate enrollment among Whites was flat (0.9%) and total graduate enrollment among Asians increased by 10.2% between Fall 2020 and Fall 2021 (Table C.20).

Over the last ten years, while the Latinx total graduate enrollment grew on average by 6.9% annually, between Fall 2011 and Fall 2021, the total enrollment of Black/African American students grew only by 1.3% each year on average during the same period. Important and troubling, the total graduate enrollment of American Indian/Alaska Native students declined on average by 1.5% annually between Fall 2011 and Fall 2021. Despite growth in the past decade, the overall share of underrepresented minorities in total graduate enrollment among U.S. citizens and permanent residents remains disproportionately low. While the representation of Hispanic/Latinx graduate students grew, the relative shares of Black/African American students grew at a much slower rate

(Figure 8). Additionally, White students, which constitute the largest proportion of graduate students who are U.S. citizens and permanent residents, has been flat (-0.3%, on average) during the ten-year period between Fall 2011 and Fall 2021 (Table C.20).

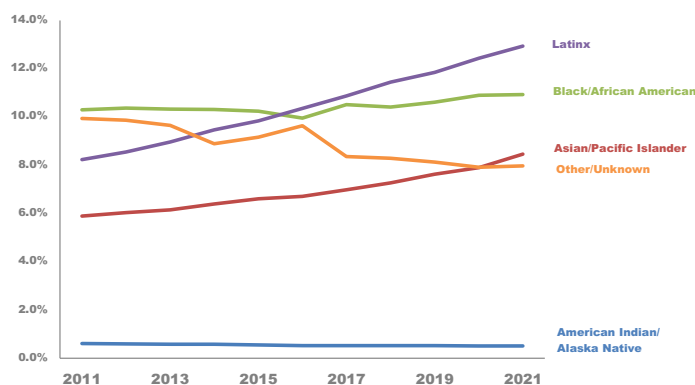
TRENDS IN GRADUATE CERTIFICATES AND DEGREES

The number of doctoral degrees awarded increased by 1.1%, between 2019-20 and 2020-21 at institutions responding to the 2021 CGS/GRE Survey of Graduate Enrollment and Degrees. During the same period, the number of master's degrees awarded increased by 2.6% and the number of graduate certificates awarded increased by 3.7%. Between 2015-16 and 2020-21, increases in master's degree production (1.6%) were higher than for doctoral degree production (1.2%). Over the ten-year period between 2010-11 and 2020-21, the average annual change in the number of graduate certificates awarded was 11.5% (Table C.25). Since more master's degrees are awarded than doctoral degrees and graduate certificates, the total number of master's degrees earned continues to far exceed the number of doctoral degrees and graduate-level certificates conferred (Figure 9). Further details on changes and trends in graduate certificates and degrees awarded can be found in Tables C.24 through C.30.

Graduate-level Certificates Awarded

Notably, there was an increase in the number of graduate certificates awarded (3.7%) between 2019-20 and 2020-21. In the five-years spanning 2015-16 to 2020-21, the average annual change in the number of graduate certificates awarded was 8.0%. Some types of institutions saw more robust growth in graduate certificates awarded over the past year than others. For example, the number of graduate certificates awarded rose by 15.1% at Doctoral Universities with High Research Activity between 2019-20 and 2020-21. The average annual rates of increase for graduate certificates awarded was 3.5% for Doctoral/Professional Universities and 1.0% for Doctoral Universities with Very High Research Activity. However, there was a slight decrease in the number of graduate certificates awarded for Master's Colleges and Universities

Figure 8. Percentage Shares in Total Graduate Enrollment of U.S. Citizens and Permanent Residents by Selected Race/Ethnicity, Fall 2011 to Fall 2021



Note: Trends were developed based upon institutions that provided data for all years 2011 to 2021; the numbers of first-time enrollments do not match data in the tables.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

(-3.5%) (Table C.25). It should also be noted that there are far fewer graduate certificates conferred than master's or doctoral degrees.

By field of study, the largest increases in graduate-level certificates awarded between 2019-20 and 2020-21 were in "other fields," (21.4%), education (13.0%), mathematics and computer sciences (11.8%), and business (11.7%). Declines were observed in engineering (-17.7%), arts and humanities (-13.1%), and biological and agricultural sciences (-4.2%). Over the past ten years, between 2010-11 and 2020-21, the largest on average increases in the number of graduate-level certificates were in engineering (34.9%), physical and earth sciences (23.6%), and mathematics and computer sciences (20.3%) (Table C. 28).

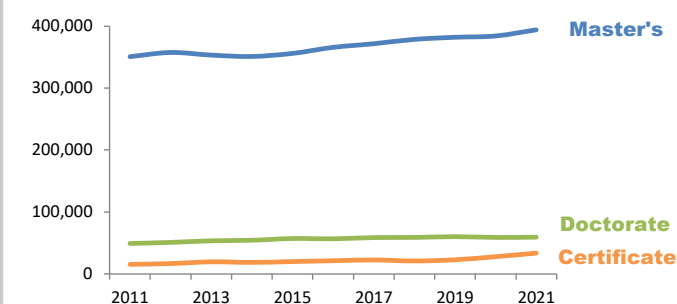
Master's Degrees Awarded

There was a 2.6% increase in master's degree production between 2019-20 and 2020-21, which was higher than the 5-year (1.6%) and 10-year (1.3%) annual average increase. The average annual percent change for master's degree production increased both at public institutions and private, not-for-profit institutions (3.7% and 0.2%, respectively) (Table C.24). The 2.6% increase in degrees awarded at the master's level between 2019-20 and 2020-21 included increases in nine broad fields of study and decreases in two others. The largest one-year increases in master's degree production were in mathematics and computer sciences (8.0%), while engineering reported the largest declines in master's degree production (-1.4%). The number of master's degree earned by women increased in nine of 11 broad fields of study, including physical and earth sciences (6.6%) and mathematics and computer sciences (5.6%). By comparison, the number of master's degrees earned by men increased in six of 11 fields of study between 2019-20 and 2020-21 (Table C.29).

Doctoral Degrees Awarded

The number of doctoral degrees awarded increased slightly over the past year (1.1%), and doctoral degree production grew on average 1.2% annually over the past five-year between 2015-16 and 2020-21 and on average by 2.4% annually over the

Figure 9. Trends in Graduate Degrees Awarded by Degree Level, 2011 to 2021



Note: Trends were developed based upon institutions that provided data for all years 2011 to 2021; therefore, the numbers of total degrees awarded do not match data in the tables.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

ten-year period between 2010-11 and 2020-21. The larger five- and ten-year annual percentage changes of doctoral degree production were partly due to that the base rates of doctoral degrees awarded were lower. Over the one-year period between 2019-20 and 2020-21, doctoral degree production increased at private, not-for-profit institutions and was flat at public institutions (4.4% and -0.3%, respectively). In the decade spanning 2010-11 to 2020-21, doctoral degree production increased by 2.2% at public institutions and 2.6% at private, not-for-profit institutions (Table C.24).

At the doctoral level, between 2019-20 and 2020-21, the number of degrees awarded increased in five broad fields, including "other fields" (17.5%), health sciences (12.7%), business (6.7%), public administration and services (1.3%), and engineering (0.5%). The number of doctorates earned by women increased in eight of eleven fields, the largest being in health sciences (12.7%), engineering (12.6%), and "other fields" (12.0%). The number of doctoral degrees awarded to men decreased in eight of 11 fields (Table C.30).

APPENDIX A

Definitions

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

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

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

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

For both first-time and total enrollment, master's and 'other' enrollment is defined as the number of students enrolled in programs specifically leading to the master's degree and other non-doctoral programs, such as graduate certificate programs and education specialist programs. Graduate certificates are awards that require the completion

of an organized program of study generally equivalent to 15-18 credit hours beyond the bachelor's degree. Education specialist programs are generally equivalent to 30-45 credit hours beyond the master's degree. Doctoral enrollment is defined as the number of students enrolled in programs leading directly to the doctoral degree as well as the total number of students enrolled in doctoral programs where a master's degree is earned *en route* to the doctoral degree.

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

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

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

The 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/GRE 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 2020 and 2021 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 2016 and 2021 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 2011 and 2021 surveys.

Trend Lines—Trend lines were constructed using data collected from only those institutions that responded to all surveys from 2011 through 2021.

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 545 institutions that responded to the 2021 CGS/GRE 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 2011 and 2021, 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. The total graduate enrollment and graduate certificates and degrees awarded for for-profit institutions are reported in this report; however, given the small number of institutions participating in this survey, the data may not be representative of all for-profit institutions in the U.S.

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APPENDIX B

Data Tables for Graduate Applications, First-Time Enrollment, Total Enrollment, Fall 2021, and Degrees Conferred, 2020-21

Table B.1	Applications for Admission to Graduate School by Institution Type, Carnegie Classification, and Degree Level, Fall 2021	B3
Table B.2	Applications for Admission to Graduate School by Broad Field and Degree Level, Fall 2021	B4
Table B.3	First-Time Graduate Enrollment by Institution Type, Carnegie Classification, Gender, and Attendance Status, Fall 2021	B5
Table B.4	First-Time Graduate Enrollment by Broad Field, Gender, and Attendance Status, Fall 2021	B6
Table B.5	First-Time Graduate Enrollment by Gender, Attendance Status, and Broad Field, Fall 2021	B6
Table B.6	First-Time Graduate Enrollment by Broad Field and Degree Level, Fall 2021	B7
Table B.7	First-Time Graduate Enrollment by Degree Level, Gender, and Broad Field, Fall 2021	B7
Table B.8	First-Time Graduate Enrollment by Institution Type, Carnegie Classification, and Citizenship, Fall 2021	B8
Table B.9	First-Time Graduate Enrollment by Broad Field and Citizenship, Fall 2021	B8
Table B.10	First-Time Graduate Enrollment by Citizenship, Race/Ethnicity, and Gender, Fall 2021	B9
Table B.11	First-Time Graduate Enrollment by Broad Field and Race/Ethnicity, Fall 2021 (U.S. Citizens and Permanent Residents Only)	B10
Table B.12	Total Graduate Enrollment by Institution Type, Carnegie Classification, Gender, and Attendance Status, Fall 2021	B11
Table B.13	Total Graduate Enrollment by Broad Field, Gender, and Attendance Status, Fall 2021	B12
Table B.14	Total Graduate Enrollment by Gender, Attendance Status, and Broad Field, Fall 2021	B12
Table B.15	Total Graduate Enrollment by Broad Field and Degree Level, Fall 2021	B13

Table B.16	Total Graduate Enrollment by Degree Level, Gender, and Broad Field, Fall 2021	B13
Table B.17	Total Graduate Enrollment by Institution Type, Carnegie Classification, and Citizenship, Fall 2021	B14
Table B.18	Total Graduate Enrollment by Broad Field and Citizenship, Fall 2021	B14
Table B.19	Total Graduate Enrollment by Citizenship, Race/Ethnicity, and Gender, Fall 2021	B15
Table B.20	Total Graduate Enrollment by Broad Field and Race/Ethnicity, Fall 2021 (U.S. Citizens and Permanent Residents Only)	B16
Table B.21	Graduate Degrees and Certificates Awarded by Degree Level, Carnegie Classification, and Institution Type, 2020-21	B17
Table B.22	Graduate Degrees and Certificates Awarded by Degree Level and Broad Field, 2020-21	B18
Table B.23	Graduate Certificates Awarded by Broad Field and Gender, 2020-21	B18
Table B.24	Master's Degrees Awarded by Broad Field and Gender, 2020-21	B19
Table B.25	Doctoral Degrees Awarded by Broad Field and Gender, 2020-21	B19

Table B.1: Applications for Admission to Graduate School by Institution Type, Carnegie Classification, and Degree Level, Fall 2021

Carnegie Classification and Institution Type **	Doctoral			Master's/Other *			Total		
	Total	Accepted Applications		Total	Accepted Applications		Total	Accepted Applications	
Total	770,172	159,870	20.8%	1,649,059	879,882	53.4%	2,422,945	1,041,725	43.0%
Public	434,249	108,707	25.0%	977,747	558,784	57.2%	1,415,710	669,464	47.3%
Private, not-for-profit	335,923	51,163	15.2%	671,312	321,098	47.8%	1,007,235	372,261	37.0%
Private, for-profit	N/A	N/A		N/A	N/A		N/A	N/A	
Doctoral: Very High Research	639,650	112,902	17.7%	1,102,685	537,617	48.8%	1,742,335	650,519	37.3%
Public	362,262	82,687	22.8%	645,514	345,985	53.6%	1,007,776	428,672	42.5%
Private, not-for-profit	277,388	30,215	10.9%	457,171	191,632	41.9%	734,559	221,847	30.2%
Private, for-profit	N/A	N/A		N/A	N/A		N/A	N/A	
Doctoral: High Research	79,008	26,654	33.7%	262,856	169,277	64.4%	341,864	195,931	57.3%
Public	46,029	17,718	38.5%	166,188	109,062	65.6%	212,217	126,780	59.7%
Private, not-for-profit	32,979	8,936	27.1%	96,668	60,215	62.3%	129,647	69,151	53.3%
Private, for-profit	N/A	N/A		N/A	N/A		N/A	N/A	
Doctoral/Professional Universities	17,380	8,716	50.1%	83,027	50,402	60.7%	100,407	59,118	58.9%
Public	5,362	2,507	46.8%	29,148	18,958	65.0%	34,510	21,465	62.2%
Private, not-for-profit	12,018	6,209	51.7%	53,879	31,444	58.4%	65,897	37,653	57.1%
Private, for-profit	N/A	N/A		N/A	N/A		N/A	N/A	
Master's Colleges and Universities	13,350	5,685	42.6%	163,922	108,855	66.4%	180,986	116,513	64.4%
Public	7,271	3,061	42.1%	122,399	79,495	64.9%	133,384	84,529	63.4%
Private, not-for-profit	6,079	2,624	43.2%	41,523	29,360	70.7%	47,602	31,984	67.2%
Private, for-profit	N/A	N/A		N/A	N/A		N/A	N/A	
Other	20,784	5,913	28.4%	36,569	13,731	37.5%	57,353	19,644	34.3%
Public	13,325	2,734	20.5%	14,498	5,284	36.4%	27,823	8,018	28.8%
Private, not-for-profit	7,459	3,179	42.6%	22,071	8,447	38.3%	29,530	11,626	39.4%
Private, for-profit	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.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table B.2: Applications for Admission to Graduate School by Broad Field and Degree Level, Fall 2021

Broad Field	Doctoral			Master's/Other *			Total		
	Total	Accepted Applications		Total	Accepted Applications		Total	Accepted Applications	
Total	770,172	159,870	20.8%	1,649,059	879,882	53.4%	2,422,945	1,041,725	43.0%
Arts and Humanities	47,681	7,798	16.4%	74,157	30,286	40.8%	121,838	38,098	31.3%
Biological and Agricultural Sciences	84,979	14,773	17.4%	54,566	28,484	52.2%	139,545	43,257	31.0%
Business	21,035	3,216	15.3%	243,413	133,950	55.0%	264,448	137,216	51.9%
Education	26,248	11,392	43.4%	106,570	73,357	68.8%	132,818	85,034	64.0%
Engineering	86,708	22,717	26.2%	157,662	89,446	56.7%	244,370	112,163	45.9%
Health Sciences	78,603	21,932	27.9%	169,382	80,393	47.5%	247,985	102,366	41.3%
Mathematics and Computer Sciences	68,336	12,414	18.2%	258,982	119,271	46.1%	327,318	131,687	40.2%
Physical and Earth Sciences	68,266	15,284	22.4%	15,913	8,024	50.4%	84,179	23,308	27.7%
Public Administration and Services	4,699	1,281	27.3%	56,748	39,122	68.9%	61,447	40,591	66.1%
Social and Behavioral Sciences	117,833	12,473	10.6%	94,377	51,305	54.4%	212,210	63,877	30.1%
Other Fields	20,787	4,669	22.5%	106,054	60,321	56.9%	126,841	64,990	51.2%

* 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.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table B.3: First-Time Graduate Enrollment by Institution Type, Carnegie Classification, Gender, and Attendance Status, Fall 2021

Carnegie Classification and Institution Type *	Total	Men		Women		Full-Time		Part-Time	
Total	509,999	211,595	41.5%	298,839	58.5%	357,189	69.6%	155,966	30.4%
Public	335,547	141,916	41.8%	197,372	58.2%	227,915	66.9%	112,718	33.1%
Private, not-for-profit	152,719	68,705	41.6%	96,592	58.4%	126,045	75.6%	40,628	24.4%
Private, for-profit	S	S		S		S		S	
Doctoral: Very High Research	295,609	135,607	45.9%	160,002	54.1%	226,617	76.7%	68,992	23.3%
Public	204,863	94,090	45.9%	110,773	54.1%	151,354	73.9%	53,509	26.1%
Private, not-for-profit	90,746	41,517	45.8%	49,229	54.2%	75,263	82.9%	15,483	17.1%
Private, for-profit	N/A	N/A		N/A		N/A		N/A	
Doctoral: High Research	94,020	36,933	39.9%	55,726	60.1%	58,881	62.6%	35,139	37.4%
Public	63,828	24,962	39.1%	38,866	60.9%	37,738	59.1%	26,090	40.9%
Private, not-for-profit	30,192	11,971	41.5%	16,860	58.5%	21,143	70.0%	9,049	30.0%
Private, for-profit	N/A	N/A		N/A		N/A		N/A	
Doctoral/Professional Universities	42,172	11,744	27.8%	30,428	72.2%	24,266	57.5%	17,906	42.5%
Public	13,856	4,021	29.0%	9,835	71.0%	7,182	51.8%	6,674	48.2%
Private, not-for-profit	22,995	6,935	30.2%	16,060	69.8%	14,338	62.4%	8,657	37.6%
Private, for-profit	S	S		S		S		S	
Master's Colleges and Universities	70,565	23,270	33.6%	45,950	66.4%	39,203	55.6%	31,362	44.4%
Public	53,261	17,535	33.8%	34,381	66.2%	28,397	53.3%	24,864	46.7%
Private, not-for-profit	17,304	5,735	33.1%	11,569	66.9%	10,806	62.4%	6,498	37.6%
Private, for-profit	N/A	N/A		N/A		N/A		N/A	
Other	10,343	3,855	37.6%	6,391	62.4%	7,739	75.4%	2,522	24.6%
Public	4,825	1,308	27.1%	3,517	72.9%	3,244	67.2%	1,581	32.8%
Private, not-for-profit	5,436	2,547	47.0%	2,874	53.0%	4,495	82.7%	941	17.3%
Private, for-profit	N/A	N/A		N/A		N/A		N/A	

* See Appendix A about the Carnegie Classification system.

Notes: Because not all institutions responded to all items, details may not sum to totals. Percentages are based on total of known gender or attendance status. N/A = Not applicable. S = Suppressed due to small number of institutional respondents in this category.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table B.4: First-Time Graduate Enrollment by Broad Field, Gender, and Attendance Status, Fall 2021

Broad Field	Total	Men		Women		Full-Time		Part-Time	
Total	513,155	211,595	41.5%	298,839	58.5%	357,189	69.6%	155,966	30.4%
Arts and Humanities	19,690	7,927	40.3%	11,763	59.7%	15,521	78.8%	4,169	21.2%
Biological and Agricultural Sciences	23,189	8,691	37.5%	14,470	62.5%	19,099	82.4%	4,090	17.6%
Business	74,949	39,991	53.6%	34,678	46.4%	49,662	66.3%	25,287	33.7%
Education	59,625	13,502	22.7%	46,088	77.3%	28,286	47.4%	31,339	52.6%
Engineering	43,981	31,078	70.9%	12,784	29.1%	35,151	79.9%	8,830	20.1%
Health Sciences	62,205	12,448	20.0%	49,753	80.0%	41,951	67.4%	20,254	32.6%
Mathematics and Computer Sciences	47,404	31,424	66.4%	15,931	33.6%	36,019	76.0%	11,385	24.0%
Physical and Earth Sciences	10,459	5,709	54.7%	4,723	45.3%	9,456	90.4%	1,003	9.6%
Public Administration and Services	23,973	4,835	20.2%	19,138	79.8%	17,095	71.3%	6,878	28.7%
Social and Behavioral Sciences	32,485	10,984	34.7%	20,691	65.3%	24,374	75.0%	8,111	25.0%
Other Fields	32,225	11,672	36.3%	20,505	63.7%	21,701	67.3%	10,524	32.7%

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

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table B.5: First-Time Graduate Enrollment by Gender, Attendance Status, and Broad Field, Fall 2021

Broad Field	Men				Women			
	Full-Time		Part-Time		Full-Time		Part-Time	
Total	155,529	73.5%	56,066	26.5%	200,271	67.0%	98,568	33.0%
Arts and Humanities	6,376	80.5%	1,547	19.5%	9,143	77.8%	2,614	22.2%
Biological and Agricultural Sciences	7,179	82.6%	1,512	17.4%	11,894	82.2%	2,576	17.8%
Business	27,257	68.2%	12,718	31.8%	22,343	64.4%	12,325	35.6%
Education	6,674	49.6%	6,784	50.4%	21,544	46.9%	24,390	53.1%
Engineering	24,735	79.6%	6,343	20.4%	10,346	80.9%	2,438	19.1%
Health Sciences	8,925	71.7%	3,520	28.3%	33,009	66.4%	16,718	33.6%
Mathematics and Computer Sciences	23,646	75.2%	7,778	24.8%	12,340	77.5%	3,590	22.5%
Physical and Earth Sciences	5,165	90.5%	544	9.5%	4,268	90.4%	455	9.6%
Public Administration and Services	3,290	68.2%	1,531	31.8%	13,721	72.1%	5,322	27.9%
Social and Behavioral Sciences	8,504	77.6%	2,461	22.4%	15,763	76.3%	4,888	23.7%
Other Fields	8,110	69.5%	3,562	30.5%	13,576	66.2%	6,929	33.8%

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

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table B.6: First-Time Graduate Enrollment by Broad Field and Degree Level, Fall 2021

Broad Field	Total	Doctoral		Master's/Other *	
Total	513,155	80,348	15.6%	434,587	84.4%
Arts and Humanities	19,690	3,927	19.9%	15,783	80.1%
Biological and Agricultural Sciences	23,189	8,095	34.9%	15,096	65.1%
Business	74,949	2,029	2.7%	73,009	97.3%
Education	59,625	8,121	13.6%	51,504	86.4%
Engineering	43,981	9,560	21.7%	34,449	78.3%
Health Sciences	62,205	12,931	20.8%	49,312	79.2%
Mathematics and Computer Sciences	47,404	4,780	10.1%	42,657	89.9%
Physical and Earth Sciences	10,459	6,447	61.6%	4,016	38.4%
Public Administration and Services	23,973	826	3.4%	23,147	96.6%
Social and Behavioral Sciences	32,485	6,643	20.4%	25,857	79.6%
Other Fields	32,225	2,459	7.6%	29,774	92.4%

* Includes first-time enrollment in graduate-level certificate and education specialist programs.

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

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table B.7: First-Time Graduate Enrollment by Degree Level, Gender, and Broad Field, Fall 2021

Broad Field	Doctoral				Master's/Other *			
	Men		Women		Men		Women	
Total	34,602	43.1%	45,589	56.9%	177,793	41.2%	254,230	58.8%
Arts and Humanities	1,753	44.6%	2,174	55.4%	6,177	39.2%	9,596	60.8%
Biological and Agricultural Sciences	3,292	40.7%	4,798	59.3%	5,400	35.8%	9,673	64.2%
Business	964	48.0%	1,043	52.0%	39,065	53.7%	33,660	46.3%
Education	2,214	27.3%	5,905	72.7%	11,244	21.9%	40,029	78.1%
Engineering	6,507	68.2%	3,034	31.8%	24,594	71.6%	9,755	28.4%
Health Sciences	3,118	24.1%	9,813	75.9%	9,328	18.9%	39,951	81.1%
Mathematics and Computer Sciences	3,337	70.0%	1,430	30.0%	28,116	66.0%	14,504	34.0%
Physical and Earth Sciences	3,779	58.8%	2,651	41.2%	1,931	48.2%	2,075	51.8%
Public Administration and Services	210	25.4%	616	74.6%	4,611	20.0%	18,427	80.0%
Social and Behavioral Sciences	2,362	35.7%	4,256	64.3%	8,604	34.4%	16,409	65.6%
Other Fields	983	40.2%	1,463	59.8%	10,693	36.0%	19,046	64.0%

* Includes first-time enrollment in graduate-level certificate and education specialist programs.

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.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table B.8: First-Time Graduate Enrollment by Institution Type, Carnegie Classification, and Citizenship, Fall 2021

Institution Type and Carnegie Classification *	Total	U.S. Citizens and Permanent Residents		Temporary Residents	
Total	513,155	391,958	76.4%	121,398	23.6%
Institution Type					
Public	340,633	269,303	79.0%	71,591	21.0%
Private, not-for-profit	166,673	117,146	70.2%	49,625	29.8%
Private, for-profit	S	S		S	
Carnegie Classification *					
Doctoral: Very High Research	295,609	206,488	69.6%	90,114	30.4%
Doctoral: High Research	94,020	77,486	82.2%	16,754	17.8%
Doctoral/Professional Universities	42,172	38,608	92.1%	3,310	7.9%
Master's Colleges and Universities	70,565	61,832	88.6%	7,977	11.4%
Other	10,343	7,189	69.5%	3,152	30.5%

* 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. Percentages are based on total of known citizenship. S = Suppressed due to a small number of institutional respondents in this category.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table B.9: First-Time Graduate Enrollment by Broad Field and Citizenship, Fall 2021

Broad Field	Total	U.S. Citizens and Permanent Residents		Temporary Residents	
Total	513,155	391,958	76.4%	121,398	23.6%
Arts and Humanities	19,690	15,760	81.2%	3,651	18.8%
Biological and Agricultural Sciences	23,189	17,526	78.3%	4,859	21.7%
Business	74,949	57,273	78.0%	16,141	22.0%
Education	59,625	55,864	95.2%	2,825	4.8%
Engineering	43,981	21,093	49.3%	21,702	50.7%
Health Sciences	62,205	57,466	94.5%	3,361	5.5%
Mathematics and Computer Sciences	47,404	17,769	37.8%	29,298	62.2%
Physical and Earth Sciences	10,459	7,164	69.6%	3,136	30.4%
Public Administration and Services	23,973	22,838	95.5%	1,068	4.5%
Social and Behavioral Sciences	32,485	25,672	81.4%	5,876	18.6%
Other Fields	32,225	25,425	79.8%	6,419	20.2%

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.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table B.10: First-Time Graduate Enrollment by Citizenship, Race/Ethnicity, and Gender, Fall 2021

Citizenship and Race/Ethnicity	Total	Men		Women	
Total	513,155	211,595	41.5%	298,839	58.5%
U.S. Citizens and Permanent Residents	391,958	142,879	36.7%	246,957	63.3%
Hispanic/Latino	53,645	18,764	35.2%	34,534	64.8%
<i>Non-Hispanic:</i>					
American Indian/Alaska Native	1,813	599	33.1%	1,209	66.9%
Asian	35,625	15,118	42.6%	20,384	57.4%
Black/African American	45,293	13,834	30.6%	31,302	69.4%
Native Hawaiian/ Other Pacific Islander	618	229	37.4%	383	62.6%
White	225,191	83,017	37.1%	140,917	62.9%
Two or More Races	14,062	5,001	35.8%	8,985	64.2%
Race/Ethnicity Unknown	15,711	6,317	40.6%	9,243	59.4%
Temporary Residents	121,398	69,197	57.1%	51,958	42.9%
Citizenship Unknown	343	87	25.4%	256	74.6%

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.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

**Table B.11: First-Time Graduate Enrollment by Broad Field and Race/Ethnicity, Fall 2021
(U.S. Citizens and Permanent Residents Only)**

Broad Field	Hispanic/Latino		American Indian/ Alaska Native		Asian		Black/ African American	
Total	53,645	13.7%	1,813	0.5%	35,625	9.1%	45,293	11.6%
Arts and Humanities	2,173	13.8%	78	0.5%	849	5.4%	1,230	7.8%
Biological and Agricultural Sciences	2,360	13.5%	70	0.4%	1,855	10.6%	1,345	7.7%
Business	7,882	13.8%	223	0.4%	6,344	11.1%	6,213	10.8%
Education	7,987	14.3%	278	0.5%	2,365	4.2%	7,589	13.6%
Engineering	2,745	13.0%	69	0.3%	3,315	15.7%	1,271	6.0%
Health Sciences	7,080	12.3%	247	0.4%	5,032	8.8%	7,386	12.9%
Mathematics and Computer Sciences	1,958	11.0%	38	0.2%	4,189	23.6%	1,344	7.6%
Physical and Earth Sciences	875	12.2%	34	0.5%	582	8.1%	284	4.0%
Public Administration and Services	3,881	17.0%	146	0.6%	982	4.3%	3,739	16.4%
Social and Behavioral Sciences	4,310	16.8%	146	0.6%	1,668	6.5%	3,037	11.8%
Other Fields	3,883	15.3%	180	0.7%	1,738	6.8%	2,908	11.4%

Broad Field	Native Hawaiian/ Other Pacific Islander		White		Two or More Races		Race/ Ethnicity Unknown	
Total	618	0.2%	225,191	57.5%	14,062	3.6%	15,711	4.0%
Arts and Humanities	19	0.1%	10,110	64.1%	656	4.2%	645	4.1%
Biological and Agricultural Sciences	29	0.2%	10,576	60.3%	792	4.5%	499	2.8%
Business	85	0.1%	32,025	55.9%	1,878	3.3%	2,623	4.6%
Education	133	0.2%	33,784	60.5%	1,668	3.0%	2,060	3.7%
Engineering	32	0.2%	12,019	57.0%	842	4.0%	800	3.8%
Health Sciences	90	0.2%	33,494	58.3%	1,894	3.3%	2,243	3.9%
Mathematics and Computer Sciences	21	0.1%	8,496	47.8%	666	3.7%	1,057	5.9%
Physical and Earth Sciences	11	0.2%	4,818	67.3%	301	4.2%	259	3.6%
Public Administration and Services	41	0.2%	12,494	54.7%	861	3.8%	694	3.0%
Social and Behavioral Sciences	39	0.2%	14,386	56.0%	1,137	4.4%	949	3.7%
Other Fields	37	0.1%	14,623	57.5%	981	3.9%	1,075	4.2%

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.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table B.12: Total Graduate Enrollment by Institution Type, Carnegie Classification, Gender, and Attendance Status, Fall 2021

Carnegie Classification and Institution Type *	Total	Men		Women		Full-Time		Part-Time	
Total	1,699,088	690,100	40.8%	1,000,669	59.2%	998,535	58.8%	698,619	41.2%
Public	1,119,387	466,274	41.8%	649,644	58.2%	626,505	56.1%	490,948	43.9%
Private, not-for-profit	521,384	211,606	41.0%	304,928	59.0%	336,167	64.5%	185,217	35.5%
Private, for-profit	S	S		S		S		S	
Doctoral: Very High Research	937,809	438,604	46.8%	499,205	53.2%	625,038	66.6%	312,771	33.4%
Public	674,213	313,946	46.6%	360,267	53.4%	428,002	63.5%	246,211	36.5%
Private, not-for-profit	263,596	124,658	47.3%	138,938	52.7%	197,036	74.7%	66,560	25.3%
Private, for-profit	N/A	N/A		N/A		N/A		N/A	
Doctoral: High Research	320,572	122,559	38.8%	193,181	61.2%	162,694	50.8%	157,878	49.2%
Public	216,161	82,516	38.2%	133,645	61.8%	101,530	47.0%	114,631	53.0%
Private, not-for-profit	104,411	40,043	40.2%	59,536	59.8%	61,164	58.6%	43,247	41.4%
Private, for-profit	N/A	N/A		N/A		N/A		N/A	
Doctoral/Professional Universities	171,543	44,448	25.9%	127,095	74.1%	76,906	44.8%	94,637	55.2%
Public	51,026	13,990	27.4%	37,036	72.6%	19,518	38.3%	31,508	61.7%
Private, not-for-profit	81,302	23,227	28.6%	58,075	71.4%	40,335	49.6%	40,967	50.4%
Private, for-profit	S	S		S		S		S	
Master's Colleges and Universities	219,724	68,868	31.8%	147,387	68.2%	93,576	43.0%	124,214	57.0%
Public	161,197	51,031	32.4%	106,697	67.6%	65,765	41.3%	93,498	58.7%
Private, not-for-profit	58,527	17,837	30.5%	40,690	69.5%	27,811	47.5%	30,716	52.5%
Private, for-profit	N/A	N/A		N/A		N/A		N/A	
Other	47,594	14,962	31.4%	32,614	68.6%	38,767	81.5%	8,827	18.5%
Public	16,790	4,791	28.5%	11,999	71.5%	11,690	69.6%	5,100	30.4%
Private, not-for-profit	13,548	5,841	43.2%	7,689	56.8%	9,821	72.5%	3,727	27.5%
Private, for-profit	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. Percentages are based on total of known gender or attendance status. N/A = Not applicable. S = Suppressed due to small number of institutional respondents in this category.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table B.13: Total Graduate Enrollment by Broad Field, Gender, and Attendance Status, Fall 2021

Broad Field	Total	Men		Women		Full-Time		Part-Time	
Total	1,699,088	690,100	40.8%	1,000,669	59.2%	998,535	58.8%	698,619	41.2%
Arts and Humanities	73,670	30,556	41.5%	43,108	58.5%	50,702	68.8%	22,968	31.2%
Biological and Agricultural Sciences	88,024	35,545	40.4%	52,411	59.6%	66,288	75.3%	21,736	24.7%
Business	224,066	118,771	53.3%	104,011	46.7%	113,541	50.7%	110,525	49.3%
Education	220,632	50,938	23.1%	169,627	76.9%	83,814	38.0%	136,818	62.0%
Engineering	142,586	101,952	71.8%	40,071	28.2%	98,503	69.1%	44,083	30.9%
Health Sciences	224,090	45,781	20.4%	178,268	79.6%	128,441	57.3%	95,649	42.7%
Mathematics and Computer Sciences	126,794	85,670	67.7%	40,920	32.3%	78,042	61.6%	48,752	38.4%
Physical and Earth Sciences	46,258	27,250	59.0%	18,913	41.0%	38,729	83.7%	7,529	16.3%
Public Administration and Services	71,049	14,534	20.5%	56,515	79.5%	44,828	63.1%	26,221	36.9%
Social and Behavioral Sciences	111,045	38,349	35.3%	70,328	64.7%	72,909	65.7%	38,136	34.3%
Other Fields	95,949	34,887	36.4%	60,889	63.6%	51,628	53.8%	44,321	46.2%

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

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table B.14: Total Graduate Enrollment by Gender, Attendance Status, and Broad Field, Fall 2021

Broad Field	Men				Women			
	Full-Time		Part-Time		Full-Time		Part-Time	
Total	427,676	62.0%	261,795	38.0%	567,246	56.8%	432,118	43.2%
Arts and Humanities	21,477	70.3%	9,052	29.7%	29,215	67.8%	13,859	32.2%
Biological and Agricultural Sciences	27,184	76.5%	8,361	23.5%	39,045	74.5%	13,366	25.5%
Business	61,376	51.7%	57,339	48.3%	52,003	50.0%	51,960	50.0%
Education	20,008	39.4%	30,812	60.6%	63,520	37.6%	105,565	62.4%
Engineering	69,793	68.5%	32,159	31.5%	28,435	71.0%	11,636	29.0%
Health Sciences	28,542	62.4%	17,227	37.6%	99,850	56.0%	78,308	44.0%
Mathematics and Computer Sciences	51,848	60.5%	33,818	39.5%	26,086	63.8%	14,831	36.2%
Physical and Earth Sciences	22,920	84.1%	4,330	15.9%	15,731	83.2%	3,182	16.8%
Public Administration and Services	8,286	57.2%	6,200	42.8%	36,307	64.6%	19,913	35.4%
Social and Behavioral Sciences	26,069	68.1%	12,225	31.9%	46,521	66.3%	23,684	33.7%
Other Fields	19,535	56.0%	15,352	44.0%	32,044	52.6%	28,845	47.4%

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

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table B.15: Total Graduate Enrollment by Broad Field and Degree Level, Fall 2021

Broad Field	Total	Doctoral		Master's/Other *	
Total	1,699,088	465,356	27.3%	1,238,771	72.7%
Arts and Humanities	73,670	29,110	39.5%	44,611	60.5%
Biological and Agricultural Sciences	88,024	48,321	54.9%	39,709	45.1%
Business	224,066	11,777	5.3%	212,526	94.7%
Education	220,632	50,346	22.8%	170,286	77.2%
Engineering	142,586	60,015	42.1%	82,699	57.9%
Health Sciences	224,090	61,837	27.5%	162,811	72.5%
Mathematics and Computer Sciences	126,794	26,191	20.6%	100,716	79.4%
Physical and Earth Sciences	46,258	35,220	76.1%	11,059	23.9%
Public Administration and Services	71,049	5,279	7.4%	65,770	92.6%
Social and Behavioral Sciences	111,045	43,278	38.9%	67,838	61.1%
Other Fields	95,949	14,220	14.8%	81,767	85.2%

* Includes total enrollment in graduate-level certificate and education specialist programs. Notes: Because not all institutions responded to all items, details may not sum to totals. Percentages are based on total of known degree levels. See Appendix D for the survey taxonomy.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table B.16: Total Graduate Enrollment by Degree Level, Gender, and Broad Field, Fall 2021

Broad Field	Doctoral				Master's/Other *			
	Men		Women		Men		Women	
Total	212,492	45.7%	252,195	54.3%	480,158	39.0%	750,963	61.0%
Arts and Humanities	13,213	45.4%	15,897	54.6%	17,331	38.9%	27,213	61.1%
Biological and Agricultural Sciences	21,047	43.6%	27,250	56.4%	14,499	36.6%	25,166	63.4%
Business	5,990	51.1%	5,726	48.9%	112,875	53.4%	98,324	46.6%
Education	14,255	28.3%	36,059	71.7%	36,565	21.6%	133,026	78.4%
Engineering	42,695	71.3%	17,186	28.7%	59,365	72.2%	22,905	27.8%
Health Sciences	16,046	25.9%	45,791	74.1%	29,855	18.4%	132,793	81.6%
Mathematics and Computer Sciences	18,740	71.7%	7,406	28.3%	67,015	66.6%	33,535	33.4%
Physical and Earth Sciences	21,755	61.9%	13,404	38.1%	5,508	50.0%	5,517	50.0%
Public Administration and Services	1,467	27.8%	3,812	72.2%	13,019	19.9%	52,408	80.1%
Social and Behavioral Sciences	16,178	37.5%	26,948	62.5%	22,138	33.8%	43,306	66.2%
Other Fields	6,110	43.1%	8,070	56.9%	28,797	35.3%	52,837	64.7%

* Includes total enrollment in graduate-level certificate and education specialist programs.

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.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table B.17: Total Graduate Enrollment by Institution Type, Carnegie Classification, and Citizenship, Fall 2021

Institution Type and Carnegie Classification *	Total	U.S. Citizens and Permanent Residents		Temporary Residents	
Total	1,699,088	1,377,236	81.0%	322,268	19.0%
Institution Type					
Public	1,119,387	918,082	82.0%	201,922	18.0%
Private, not-for-profit	521,384	403,091	77.2%	119,254	22.8%
Private, for-profit	S	S		S	
Carnegie Classification *					
Doctoral: Very High Research	937,809	694,324	73.7%	247,307	26.3%
Doctoral: High Research	320,572	277,210	86.3%	44,090	13.7%
Doctoral/Professional Universities	171,543	161,798	95.2%	8,187	4.8%
Master's Colleges and Universities	219,724	202,211	93.1%	15,022	6.9%
Other	47,969	40,531	84.6%	7,353	15.4%

* See Appendix A for information about the Carnegie Classification system. S = Suppressed due to small number of institutional respondents in this category.

Notes: Because not all institutions responded to all items, details may not sum to totals. Percentages are based on total of known citizenship.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table B.18: Total Graduate Enrollment by Broad Field and Citizenship, Fall 2021

Broad Field	Total	U.S. Citizens and Permanent Residents		Temporary Residents	
Total	1,699,088	1,377,236	81.0%	322,268	19.0%
Arts and Humanities	73,670	59,023	81.2%	13,658	18.8%
Biological and Agricultural Sciences	88,024	67,136	78.8%	18,071	21.2%
Business	224,066	183,403	84.0%	35,047	16.0%
Education	220,632	208,732	96.1%	8,545	3.9%
Engineering	142,586	75,238	54.4%	63,149	45.6%
Health Sciences	224,090	209,497	95.4%	10,013	4.6%
Mathematics and Computer Sciences	126,794	59,950	47.7%	65,773	52.3%
Physical and Earth Sciences	46,258	30,484	67.0%	15,008	33.0%
Public Administration and Services	71,049	68,403	96.7%	2,346	3.3%
Social and Behavioral Sciences	111,045	89,807	82.9%	18,487	17.1%
Other Fields	95,949	80,027	84.3%	14,949	15.7%

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.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table B.19: Total Graduate Enrollment by Citizenship, Race/Ethnicity, and Gender, Fall 2021

Citizenship and Race/Ethnicity	Total	Men		Women	
Total	1,699,088	690,100	40.8%	1,000,669	59.2%
U.S. Citizens and Permanent Residents	1,377,236	506,986	37.0%	863,355	63.0%
Hispanic/Latino	175,180	62,017	35.6%	112,096	64.4%
<i>Non-Hispanic:</i>					
American Indian/Alaska Native	6,474	2,085	32.3%	4,374	67.7%
Asian	114,462	49,670	43.5%	64,410	56.5%
Black/African American	165,197	48,186	29.3%	116,480	70.7%
Native Hawaiian/ Other Pacific Islander	2,223	819	37.0%	1,392	63.0%
White	804,078	302,397	37.8%	497,477	62.2%
Two or More Races	45,347	16,590	36.8%	28,537	63.2%
Race/Ethnicity Unknown	64,275	25,222	39.5%	38,589	60.5%
Temporary Residents	322,268	184,867	57.5%	136,612	42.5%
Citizenship Unknown	2,182	709	32.5%	1,473	67.5%

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. See Appendix D for the survey taxonomy.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

**Table B.20: Total Graduate Enrollment by Broad Field and Race/Ethnicity, Fall 2021
(U.S. Citizens and Permanent Residents Only)**

Broad Field	Hispanic/Latino		American Indian/ Alaska Native		Asian		Black/ African American	
Total	175,180	12.7%	6,474	0.5%	114,462	8.3%	165,197	12.0%
Arts and Humanities	7,636	12.9%	309	0.5%	3,014	5.1%	4,126	7.0%
Biological and Agricultural Sciences	8,172	12.2%	304	0.5%	6,530	9.7%	4,223	6.3%
Business	24,166	13.2%	725	0.4%	19,527	10.6%	20,595	11.2%
Education	28,629	13.7%	1,150	0.6%	7,860	3.8%	29,896	14.3%
Engineering	9,003	12.0%	245	0.3%	10,767	14.3%	4,437	5.9%
Health Sciences	23,650	11.3%	850	0.4%	17,959	8.6%	28,845	13.8%
Mathematics and Computer Sciences	6,200	10.3%	131	0.2%	13,232	22.1%	4,553	7.6%
Physical and Earth Sciences	3,361	11.0%	102	0.3%	2,495	8.2%	1,082	3.5%
Public Administration and Services	11,193	16.4%	424	0.6%	2,486	3.6%	13,142	19.2%
Social and Behavioral Sciences	13,866	15.4%	549	0.6%	5,420	6.0%	11,087	12.3%
Other Fields	11,072	13.8%	574	0.7%	4,715	5.9%	9,354	11.7%

Broad Field	Native Hawaiian/ Other Pacific Islander		White		Two or More Races		Race/ Ethnicity Unknown	
Total	2,223	0.2%	804,078	58.4%	45,347	3.3%	64,275	4.7%
Arts and Humanities	75	0.1%	38,941	66.0%	2,297	3.9%	2,625	4.4%
Biological and Agricultural Sciences	86	0.1%	42,773	63.7%	2,797	4.2%	2,251	3.4%
Business	281	0.2%	103,803	56.6%	5,552	3.0%	8,754	4.8%
Education	409	0.2%	127,517	61.1%	5,770	2.8%	7,501	3.6%
Engineering	99	0.1%	44,786	59.5%	2,899	3.9%	3,002	4.0%
Health Sciences	412	0.2%	122,369	58.4%	6,314	3.0%	9,098	4.3%
Mathematics and Computer Sciences	75	0.1%	30,274	50.5%	2,040	3.4%	3,445	5.7%
Physical and Earth Sciences	29	0.1%	21,189	69.5%	1,190	3.9%	1,036	3.4%
Public Administration and Services	119	0.2%	36,384	53.2%	2,286	3.3%	2,369	3.5%
Social and Behavioral Sciences	143	0.2%	51,498	57.3%	3,588	4.0%	3,656	4.1%
Other Fields	128	0.2%	47,088	58.8%	2,880	3.6%	4,216	5.3%

Notes: This table only includes U.S. citizens and permanent residents. See Table B.18 for total 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.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table B.21: Graduate Degrees and Certificates Awarded by Degree Level, Carnegie Classification, and Institution Type, 2020-21

Carnegie Classification and Institution Type *	Doctoral Degrees		Master's Degrees		Certificates	
Total	75,345	100.0%	516,323	100.0%	48,662	100.0%
<i>Public</i>	48,465	64.4%	332,378	64.4%	34,626	71.2%
<i>Private, not-for-profit</i>	24,769	32.9%	167,602	32.5%	12,433	25.6%
<i>Private, for-profit</i>	S		S		S	
Doctoral: Highest Research	48,279	64.2%	272,350	52.8%	24,621	50.6%
<i>Public</i>	35,392	73.3%	190,156	69.8%	20,288	82.4%
<i>Private, not-for-profit</i>	12,887	26.7%	82,194	30.2%	4,333	17.6%
<i>Private, for-profit</i>	N/A		N/A		N/A	
Doctoral: Very High Research	13,163	17.5%	98,563	19.1%	11,652	24.0%
<i>Public</i>	8,202	62.3%	65,041	66.0%	8,346	71.6%
<i>Private, not-for-profit</i>	4,961	37.7%	33,522	34.0%	3,306	28.4%
<i>Private, for-profit</i>	N/A		N/A		N/A	
Doctoral/Professional Universities	8,599	11.4%	51,556	10.0%	3,943	8.1%
<i>Public</i>	1,842	21.4%	16,145	31.3%	1,452	36.8%
<i>Private, not-for-profit</i>	5,116	59.5%	26,463	51.3%	2,041	51.8%
<i>Private, for-profit</i>	S		S		S	
Master's Colleges and Universities	2,856	3.8%	79,520	15.4%	6,764	13.9%
<i>Public</i>	1,515	53.0%	57,301	72.1%	4,174	61.7%
<i>Private, not-for-profit</i>	1,341	47.0%	22,219	27.9%	2,590	38.3%
<i>Private, for-profit</i>	N/A		N/A		N/A	
Other	2,329	3.1%	13,944	2.7%	1,643	3.4%
<i>Public</i>	1,514	65.0%	3,735	26.8%	366	22.3%
<i>Private, not-for-profit</i>	464	19.9%	3,204	23.0%	163	9.9%
<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. N/A = Not applicable. 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.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table B.22: Graduate Degrees and Certificates Awarded by Degree Level and Broad Field, 2020-21

Broad Field	Doctoral Degrees		Master's Degrees		Certificates	
Total	75,345	100.0%	516,323	100.0%	48,662	100.0%
Arts and Humanities	3,889	6.3%	17,394	4.1%	1,083	2.9%
Biological and Agricultural Sciences	6,936	11.2%	15,700	3.7%	990	2.6%
Business	1,948	3.2%	89,692	21.3%	5,362	14.1%
Education	7,619	12.3%	72,638	17.2%	10,387	27.4%
Engineering	9,226	14.9%	37,939	9.0%	4,116	10.8%
Health Sciences	14,753	23.9%	58,181	13.8%	5,290	13.9%
Mathematics and Computer Sciences	3,206	5.2%	38,932	9.2%	1,899	5.0%
Physical and Earth Sciences	4,662	7.6%	5,738	1.4%	488	1.3%
Public Administration and Services	850	1.4%	27,222	6.5%	1,025	2.7%
Social and Behavioral Sciences	5,966	9.7%	28,004	6.6%	2,460	6.5%
Other Fields	2,668	4.3%	30,115	7.1%	4,853	12.8%

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

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table B.23: Graduate Certificates Awarded by Broad Field and Gender, 2020-21

Broad Field	Total	Men		Women	
Total	48,662	18,472	38.0%	30,162	62.0%
Arts and Humanities	1,083	389	36.1%	690	63.9%
Biological and Agricultural Sciences	990	398	40.2%	592	59.8%
Business	5,362	2,679	50.1%	2,671	49.9%
Education	10,387	2,136	20.6%	8,228	79.4%
Engineering	4,116	2,939	71.5%	1,173	28.5%
Health Sciences	5,290	1,065	20.1%	4,225	79.9%
Mathematics and Computer Sciences	1,899	1,121	59.3%	768	40.7%
Physical and Earth Sciences	488	246	51.5%	232	48.5%
Public Administration and Services	1,025	308	30.0%	717	70.0%
Social and Behavioral Sciences	2,460	862	35.1%	1,596	64.9%
Other Fields	4,853	2,038	42.0%	2,814	58.0%

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.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table B.24: Master's Degrees Awarded by Broad Field and Gender, 2020-21

Broad Field	Total	Men		Women	
Total	516,323	206,525	40.2%	307,711	59.8%
Arts and Humanities	17,394	6,921	39.8%	10,452	60.2%
Biological and Agricultural Sciences	15,700	6,072	38.7%	9,616	61.3%
Business	89,692	47,987	53.9%	41,022	46.1%
Education	72,638	15,785	21.8%	56,506	78.2%
Engineering	37,939	26,734	70.9%	10,961	29.1%
Health Sciences	58,181	11,363	19.5%	46,800	80.5%
Mathematics and Computer Sciences	38,932	25,194	64.8%	13,656	35.2%
Physical and Earth Sciences	5,738	3,190	55.7%	2,532	44.3%
Public Administration and Services	27,222	5,193	19.2%	21,911	80.8%
Social and Behavioral Sciences	28,004	9,970	36.2%	17,603	63.8%
Other Fields	30,115	10,630	35.4%	19,421	64.6%

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.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table B.25: Doctoral Degrees Awarded by Broad Field and Gender, 2020-21

Broad Field	Total	Men		Women	
Total	75,345	35,262	46.9%	40,000	53.1%
Arts and Humanities	3,889	1,875	48.2%	2,014	51.8%
Biological and Agricultural Sciences	6,936	3,268	47.1%	3,664	52.9%
Business	1,948	1,103	56.7%	843	43.3%
Education	7,619	2,367	31.1%	5,252	68.9%
Engineering	9,226	6,633	72.1%	2,565	27.9%
Health Sciences	14,753	4,119	27.9%	10,634	72.1%
Mathematics and Computer Sciences	3,206	2,346	73.3%	854	26.7%
Physical and Earth Sciences	4,662	2,955	63.5%	1,698	36.5%
Public Administration and Services	850	260	30.6%	590	69.4%
Social and Behavioral Sciences	5,966	2,387	40.2%	3,549	59.8%
Other Fields	2,668	1,275	47.9%	1,389	52.1%

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.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

APPENDIX C

Data Tables for Trends in Graduate Applications, First-Time Enrollment, Total Enrollment, and Degrees Conferred, 2011 to 2021

Table C.1	Applications for Admission to Graduate School by Institution Type, Carnegie Classification, and Degree Level, 2011 to 2021	C3
Table C.2	Applications for Admission to Graduate School by Broad Field, 2011 to 2021	C4
Table C.3	Applications for Admission to Graduate School by Broad Field and Degree Level, 2011 to 2021	C4
Table C.4	First-Time Graduate Enrollment by Institution Type and Carnegie Classification, 2011 to 2021	C5
Table C.5	First-Time Graduate Enrollment by Citizenship and Race/Ethnicity, 2011 to 2021	C6
Table C.6	First-Time Graduate Enrollment by Citizenship, Race/Ethnicity, and Gender, 2011 to 2021	C7
Table C.7	First-Time Graduate Enrollment by Broad Field, 2011 to 2021	C7
Table C.8	First-Time Graduate Enrollment by Broad Field and Attendance Status, 2011 to 2021	C8
Table C.9	First-Time Graduate Enrollment by Broad Field and Citizenship, 2011 to 2021	C8
Table C.10	First-Time Graduate Enrollment by Broad Field and Race/Ethnicity, 2011 to 2021 (U.S. Citizens and Permanent Residents Only)	C9
Table C.11	First-Time Graduate Enrollment by Broad Field and Gender, 2011 to 2021	C10
Table C.12	Doctorate-Level First-Time Enrollment by Broad Field and Gender, 2011 to 2021	C10
Table C.13	Master's-Level First-Time Enrollment by Broad Field and Gender, 2011 to 2021 C13	C11
Table C.14	Total Graduate Enrollment by Institution Type and Carnegie Classification, 2011 to 2021	C12
Table C.15	Total Graduate Enrollment by Citizenship and Race/Ethnicity, 2011 to 2021	C13
Table C.16	Total Graduate Enrollment by Citizenship, Race/Ethnicity, and Gender, 2011 to 2021	C13
Table C.17	Total Graduate Enrollment by Broad Field, 2011 to 2021	C14

Table C.18	Total Graduate Enrollment by Broad Field and Attendance Status, 2011 to 2021	C14
Table C.19	Total Graduate Enrollment by Broad Field and Citizenship, 2011 to 2021	C15
Table C.20	Total Graduate Enrollment by Broad Field and Race/Ethnicity, 2011 to 2021 (U.S. Citizens and Permanent Residents Only)	C16
Table C.21	Total Graduate Enrollment by Broad Field and Gender, 2011 to 2021	C17
Table C.22	Doctorate-Level Total Enrollment by Broad Field and Gender, 2011 to 2021	C17
Table C.23	Master's-Level Total Enrollment by Broad Field and Gender, 2011 to 2021	C18
Table C.24	Graduate Degrees and Certificates Awarded by Degree Level and Institution Type, 2010-11 to 2020-21	C19
Table C.25	Graduate Degrees and Certificates Awarded by Degree Level and Carnegie Classification, 2010-11 to 2020-21	C20
Table C.26	Graduate Degrees and Certificates Awarded by Degree Level, Institution Type, and Gender, 2010-11 to 2020-21	C21
Table C.27	Graduate Degrees and Certificates Awarded by Degree Level, Carnegie Classification, and Gender, 2010-11 to 2020-21	C22
Table C.28	Graduate-Level Certificates Awarded by Broad Field and Gender, 2010-11 to 2020-21	C23
Table C.29	Master's Degrees Awarded by Broad Field and Gender, 2010-11 to 2020-21	C23
Table C.30	Doctoral Degrees Awarded by Broad Field and Gender, 2010-11 to 2020-21	C24

Table C.1: Applications for Admission to Graduate School by Institution Type, Carnegie Classification, and Degree Level, 2011 to 2021

Institution Type, Carnegie Classification, and Degree Level	% Change, 2020 to 2021	Average Annual % Change, 2016 to 2021	Average Annual % Change, 2011 to 2021
Total	8.7%	3.3%	3.1%
Institution Type			
<i>Public</i>	10.4%	2.2%	2.6%
<i>Private, not-for-profit</i>	5.9%	5.3%	4.1%
<i>Private, for-profit</i>	N/A	N/A	N/A
Carnegie Classification *			
<i>Doctoral: Very High Research</i>	6.6%	3.5%	3.1%
<i>Doctoral: High Research</i>	16.2%	3.2%	2.7%
<i>Doctoral/Professional Universities</i>	1.6%	1.7%	2.2%
<i>Master's Colleges and Universities</i>	17.9%	1.4%	3.7%
<i>Other</i>	13.7%	7.7%	8.3%
Degree Level			
<i>Doctoral</i>	8.9%	3.5%	1.9%
<i>Master's/Other **</i>	8.5%	3.2%	3.8%

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

** 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.

Not all respondents provided applications data by level.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table C.2: Applications for Admission to Graduate School by Broad Field, 2011 to 2021

Broad Field	% Change, 2020 to 2021	Average Annual % Change, 2016 to 2021	Average Annual % Change, 2011 to 2021
Total	8.7%	3.3%	3.1%
Arts and Humanities	-0.2%	-0.5%	-1.9%
Biological and Agricultural Sciences	1.7%	5.0%	2.7%
Business	0.4%	3.6%	2.5%
Education	4.4%	2.1%	0.5%
Engineering	3.8%	-2.1%	1.0%
Health Sciences	13.4%	2.8%	3.6%
Mathematics and Computer Sciences	18.9%	10.4%	17.3%
Physical and Earth Sciences	12.3%	2.7%	2.0%
Public Administration and Services	5.5%	1.5%	1.0%
Social and Behavioral Sciences	14.3%	4.9%	1.6%
Other Fields	15.7%	6.5%	2.2%

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.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table C.3: Applications for Admission to Graduate School by Broad Field and Degree Level, 2011 to 2021

Broad Field	% Change, 2020 to 2021	Doctoral		Master's/Other *		
		Average Annual % Change, 2016 to 2021	Average Annual % Change, 2011 to 2021	% Change, 2020 to 2021	Average Annual % Change, 2016 to 2021	Average Annual % Change, 2011 to 2021
Total	8.9%	3.5%	1.9%	8.5%	3.2%	3.8%
Arts and Humanities	-6.9%	-0.9%	-2.2%	4.7%	-0.2%	-1.8%
Biological and Agricultural Sciences	0.0%	5.3%	2.4%	4.3%	4.5%	3.3%
Business	1.7%	1.5%	0.1%	0.3%	3.7%	2.8%
Education	17.8%	4.3%	2.6%	1.6%	1.6%	0.1%
Engineering	3.1%	0.4%	0.0%	4.1%	-3.3%	1.7%
Health Sciences	15.6%	3.4%	4.2%	12.3%	2.5%	3.3%
Mathematics and Computer Sciences	10.4%	10.9%	5.6%	21.5%	10.2%	24.9%
Physical and Earth Sciences	10.4%	3.2%	2.7%	21.6%	0.4%	-0.4%
Public Administration and Services	43.0%	14.2%	4.7%	3.1%	0.8%	0.8%
Social and Behavioral Sciences	15.0%	3.2%	0.9%	13.4%	7.6%	2.5%
Other Fields	9.7%	7.4%	0.5%	17.0%	6.3%	2.6%

* 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.

See Appendix D for the survey taxonomy.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table C.4: First-Time Graduate Enrollment by Institution Type and Carnegie Classification, 2011 to 2021

Carnegie Classification and Institution Type *	% Change, 2020 to 2021	Average Annual % Change, 2016 to 2021	Average Annual % Change, 2011 to 2021
Total	8.9%	3.1%	3.1%
<i>Public</i>	9.3%	3.5%	3.5%
<i>Private, not-for-profit</i>	8.3%	2.7%	2.7%
<i>Private, for-profit</i>	S	S	S
Doctoral: Very High Research	13.5%	4.1%	3.9%
<i>Public</i>	12.9%	3.8%	3.8%
<i>Private, not-for-profit</i>	15.1%	5.2%	4.1%
<i>Private, for-profit</i>	N/A	N/A	N/A
Doctoral: High Research	2.1%	1.3%	2.1%
<i>Public</i>	1.5%	2.1%	2.4%
<i>Private, not-for-profit</i>	3.5%	-0.4%	1.4%
<i>Private, for-profit</i>	N/A	N/A	N/A
Doctoral/Professional Universities	-3.1%	-0.3%	1.1%
<i>Public</i>	2.0%	4.8%	3.3%
<i>Private, not-for-profit</i>	-7.3%	-0.5%	1.4%
<i>Private, for-profit</i>	S	S	S
Master's Colleges and Universities	6.5%	3.3%	2.7%
<i>Public</i>	7.9%	4.5%	3.6%
<i>Private, not-for-profit</i>	2.1%	-0.2%	0.4%
<i>Private, for-profit</i>	N/A	N/A	N/A
Other	25.3%	6.0%	4.2%
<i>Public</i>	8.5%	2.0%	2.6%
<i>Private, not-for-profit</i>	48.8%	13.0%	6.4%
<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.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table C.5: First-Time Graduate Enrollment by Citizenship and Race/Ethnicity, 2011 to 2021

Citizenship and Race/Ethnicity	% Change, 2020 to 2021	Average Annual % Change, 2016 to 2021	Average Annual % Change, 2011 to 2021
Total	8.9%	3.1%	3.1%
U.S. Citizens and Permanent Residents	-4.0%	3.0%	2.6%
<i>American Indian/Alaska Native</i>	-4.5%	0.8%	1.7%
<i>Asian/Pacific Islander</i>	3.1%	8.5%	6.9%
<i>Asian</i>	3.1%	8.6%	7.2%
<i>Native Hawaiians/Other Pacific Islanders</i>	1.8%	5.1%	-0.9%
<i>Black/African American</i>	-4.1%	3.7%	4.3%
<i>Hispanic/Latino</i>	-0.9%	8.7%	10.9%
<i>White</i>	-5.7%	1.2%	0.9%
Temporary Residents	94.5%	4.2%	6.5%
Other/Unknown **	-4.3%	-0.8%	-0.4%

** 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.

N/A=Not available. Ten-year trend data are unavailable for Asian and Native Hawaiians/Other Pacific Islanders.

See Appendix A for a description of each citizenship and race/ethnicity category.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table C.6: First-Time Graduate Enrollment by Citizenship, Race/Ethnicity, and Gender, 2011 to 2021

Citizenship and Race/Ethnicity	% Change, 2020 to 2021	Men		% Change, 2020 to 2021	Women	
		Average Annual % Change, 2016 to 2021	Average Annual % Change, 2011 to 2021		Average Annual % Change, 2016 to 2021	Average Annual % Change, 2011 to 2021
Total	14.6%	2.3%	2.6%	5.3%	3.5%	3.5%
U.S. Citizens and Permanent Residents	-6.0%	1.8%	1.6%	-2.8%	3.7%	3.3%
<i>American Indian/Alaska Native</i>	-6.0%	0.8%	0.7%	-3.2%	0.9%	2.3%
<i>Asian/Pacific Islander</i>	0.2%	7.3%	5.3%	5.5%	9.5%	8.3%
<i>Asian</i>	0.2%	7.3%	5.5%	5.5%	9.6%	8.6%
<i>Native Hawaiians/Other Pacific Islanders</i>	0.0%	4.8%	-1.5%	1.7%	4.9%	-0.7%
<i>Black/African American</i>	-3.1%	3.5%	4.5%	-4.7%	3.8%	4.2%
<i>Hispanic/Latino</i>	-2.0%	7.5%	9.4%	-0.2%	9.2%	11.7%
<i>White</i>	-8.3%	-0.2%	-0.1%	-4.0%	2.1%	1.6%
Temporary Residents	110.1%	4.2%	6.5%	77.3%	4.2%	6.4%
Other/Unknown **	-6.0%	-1.8%	-1.4%	-3.3%	-0.3%	0.2%

** 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.

N/A=Not available. Ten-year trend data are unavailable for Asian and Native Hawaiians/Other Pacific Islanders.

See Appendix A for a description of each citizenship and race/ethnicity category.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table C.7: First-Time Graduate Enrollment by Broad Field, 2011 to 2021

Broad Field	% Change, 2020 to 2021	Average Annual % Change, 2016 to 2021	Average Annual % Change, 2011 to 2021
Total	8.9%	3.1%	3.1%
Arts and Humanities	1.5%	-1.4%	-1.7%
Biological and Agricultural Sciences	4.7%	4.3%	3.5%
Business	-3.4%	3.8%	3.5%
Education	-4.5%	0.0%	0.1%
Engineering	35.9%	1.4%	3.5%
Health Sciences	2.4%	3.4%	4.4%
Mathematics and Computer Sciences	69.9%	12.8%	18.7%
Physical and Earth Sciences	14.6%	0.5%	0.4%
Public Administration and Services	-3.2%	-0.2%	1.1%
Social and Behavioral Sciences	6.7%	2.7%	1.1%
Other Fields	10.9%	3.0%	1.7%

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.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table C.8: First-Time Graduate Enrollment by Broad Field and Attendance Status, 2011 to 2021

Broad Field	Full-Time			Part-Time		
	% Change, 2020 to 2021	Average Annual % Change, 2016 to 2021	Average Annual % Change, 2011 to 2021	% Change, 2020 to 2021	Average Annual % Change, 2016 to 2021	Average Annual % Change, 2011 to 2021
Total	17.3%	2.9%	3.0%	-6.2%	3.4%	3.4%
Arts and Humanities	3.9%	-1.7%	-1.9%	-6.4%	-0.3%	-1.0%
Biological and Agricultural Sciences	6.1%	3.7%	3.0%	-1.5%	8.2%	6.6%
Business	4.1%	3.3%	3.1%	-15.6%	4.7%	4.4%
Education	-0.1%	-0.4%	-0.7%	-8.1%	0.4%	1.1%
Engineering	54.6%	0.6%	3.3%	-7.8%	5.6%	4.7%
Health Sciences	6.6%	2.8%	4.6%	-5.4%	4.7%	4.0%
Mathematics and Computer Sciences	109.8%	11.4%	17.8%	9.3%	18.0%	21.7%
Physical and Earth Sciences	19.0%	0.7%	0.7%	-15.1%	-2.0%	-2.6%
Public Administration and Services	-2.1%	-0.3%	1.0%	-5.9%	0.2%	1.5%
Social and Behavioral Sciences	8.4%	1.4%	0.3%	1.8%	8.0%	4.7%
Other Fields	16.9%	3.6%	2.0%	0.8%	1.7%	1.2%

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.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table C.9: First-Time Graduate Enrollment by Broad Field and Citizenship, 2011 to 2021

Broad Field	U.S. Citizens and Permanent Residents			Temporary Residents		
	% Change, 2020 to 2021	Average Annual % Change, 2016 to 2021	Average Annual % Change, 2011 to 2021	% Change, 2020 to 2021	Average Annual % Change, 2016 to 2021	Average Annual % Change, 2011 to 2021
Total	-4.0%	3.0%	2.6%	94.5%	4.2%	6.5%
Arts and Humanities	-4.1%	-1.6%	-2.0%	36.0%	-1.2%	1.9%
Biological and Agricultural Sciences	-5.1%	3.4%	3.8%	66.8%	7.3%	3.5%
Business	-13.9%	4.0%	4.0%	65.8%	3.7%	2.9%
Education	-5.9%	0.0%	0.3%	34.5%	0.6%	2.6%
Engineering	-3.0%	3.6%	3.2%	123.9%	-0.7%	4.2%
Health Sciences	0.8%	3.8%	4.7%	51.8%	6.4%	5.1%
Mathematics and Computer Sciences	0.3%	13.1%	12.5%	193.1%	12.5%	25.6%
Physical and Earth Sciences	-1.5%	0.6%	0.7%	81.1%	0.1%	0.2%
Public Administration and Services	-5.1%	-0.2%	1.2%	75.5%	4.9%	1.8%
Social and Behavioral Sciences	-0.4%	2.9%	0.8%	47.3%	3.0%	4.1%
Other Fields	2.9%	3.3%	1.6%	71.3%	2.3%	4.6%

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.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table C.10: First-Time Graduate Enrollment by Broad Field and Race/Ethnicity, 2010 to 2020
(U.S. Citizens and Permanent Residents Only)

Broad Field	% Change, '20–'21	Avg. Annual % Change, '16–'21	Avg. Annual % Change, '11–'21	% Change, '20–'21	Avg. Annual % Change, '16–'21	Avg. Annual % Change, '11–'21	% Change, '20–'21	Avg. Annual % Change, '16–'21	Avg. Annual % Change, '11–'21
American Indian/Alaska Native			Asian/Pacific Islander *			Asian			
Total	-4.5%	0.8%	1.7%	3.1%	8.5%	6.9%	3.1%	8.6%	7.2%
Arts & Humanities	5.9%	-4.0%	-2.4%	6.5%	1.9%	2.0%	6.6%	2.2%	2.5%
Bio. & Agric. Sci.	-24.7%	-0.3%	0.5%	-5.1%	4.3%	4.3%	-5.3%	4.3%	4.3%
Business	-5.5%	1.1%	2.8%	-9.3%	9.0%	6.6%	-9.4%	9.0%	6.6%
Education	-16.9%	-1.7%	-0.6%	7.2%	3.2%	3.4%	5.5%	2.7%	3.5%
Engineering	-13.9%	10.5%	2.7%	1.3%	6.6%	4.3%	1.2%	6.7%	4.3%
Health Sciences	-1.7%	1.4%	3.4%	4.8%	6.5%	7.7%	5.1%	6.4%	7.5%
Math & Comp. Sci.	-10.0%	-0.7%	4.2%	5.4%	25.5%	34.6%	5.5%	25.4%	34.9%
Physical & Earth Sci.	33.3%	-2.6%	-1.7%	0.2%	5.3%	3.4%	0.0%	5.0%	3.3%
Public Admin. & Svcs.	1.5%	-3.0%	-1.4%	1.5%	6.5%	2.9%	2.5%	7.2%	3.9%
Social & Behav. Sci.	0.0%	-3.2%	-0.4%	7.9%	7.7%	4.0%	8.7%	7.8%	4.3%
Other Fields	-1.2%	5.1%	6.4%	33.1%	10.8%	4.5%	34.2%	11.2%	4.9%
Native Hawaiians/ Other Pacific Islanders			Black/African American			Hispanic/Latino			
Total	1.8%	5.1%	-0.9%	-4.1%	3.7%	4.3%	-0.9%	8.7%	10.9%
Arts & Humanities	5.9%	-4.3%	-5.0%	-4.0%	3.2%	3.8%	-1.4%	3.8%	2.9%
Bio. & Agric. Sci.	8.3%	3.0%	6.0%	-5.9%	9.1%	9.4%	-1.0%	10.7%	16.9%
Business	-3.9%	8.4%	1.8%	-13.8%	4.1%	5.3%	-9.6%	10.1%	13.5%
Education	44.2%	13.5%	2.0%	-8.5%	1.9%	1.6%	-2.5%	3.6%	5.6%
Engineering	14.8%	-1.4%	2.4%	1.6%	6.0%	5.0%	3.7%	11.3%	11.6%
Health Sciences	-8.9%	0.8%	-1.7%	2.2%	7.0%	9.5%	-0.4%	14.0%	17.6%
Math & Comp. Sci.	5.3%	43.3%	10.0%	-5.7%	10.7%	11.7%	4.0%	20.3%	21.0%
Physical & Earth Sci.	10.0%	35.0%	6.7%	-3.9%	5.2%	7.4%	3.2%	8.7%	12.2%
Public Admin. & Svcs.	-15.2%	-2.3%	-5.1%	-8.7%	-2.9%	0.5%	-5.3%	3.1%	7.7%
Social & Behav. Sci.	-20.5%	5.0%	-2.6%	2.4%	3.1%	1.3%	4.6%	10.3%	7.0%
Other Fields	-6.3%	-1.5%	-3.0%	3.8%	1.9%	6.2%	15.2%	11.8%	13.3%
White									
Total	-5.7%	1.2%	0.9%						
Arts & Humanities	-5.6%	-3.0%	-3.1%						
Bio. & Agric. Sci.	-5.7%	1.6%	2.0%						
Business	-15.8%	2.2%	2.2%						
Education	-6.8%	-1.2%	-0.8%						
Engineering	-5.9%	1.4%	1.8%						
Health Sciences	0.1%	1.5%	2.6%						
Math & Comp. Sci.	-1.8%	8.5%	7.3%						
Physical & Earth Sci.	-2.5%	-1.0%	-0.6%						
Public Admin. & Svcs.	-4.5%	-0.4%	0.2%						
Social & Behav. Sci.	-3.2%	0.9%	-0.6%						
Other Fields	-2.5%	1.5%	-0.5%						

* 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.

N/A=Not available. Ten-year trend data are unavailable for Asian and Native Hawaiians/Other Pacific Islanders.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table C.11: First-Time Graduate Enrollment by Broad Field and Gender, 2011 to 2021

Broad Field	Men			Women		
	% Change, 2020 to 2021	Average Annual % Change, 2016 to 2021	Average Annual % Change, 2011 to 2021	% Change, 2020 to 2021	Average Annual % Change, 2016 to 2021	Average Annual % Change, 2011 to 2021
Total	14.6%	2.3%	2.6%	5.3%	3.5%	3.5%
Arts and Humanities	0.4%	-2.3%	-2.2%	2.3%	-0.8%	-1.3%
Biological and Agricultural Sciences	2.4%	1.1%	1.2%	6.0%	6.7%	5.4%
Business	-3.7%	2.5%	2.4%	-4.0%	5.2%	4.8%
Education	-4.8%	-1.7%	-0.7%	-4.4%	0.6%	0.4%
Engineering	36.4%	0.6%	2.6%	35.6%	3.6%	6.4%
Health Sciences	0.8%	1.6%	3.4%	2.8%	3.9%	4.7%
Mathematics and Computer Sciences	69.6%	12.7%	17.3%	70.9%	13.0%	22.1%
Physical and Earth Sciences	13.2%	-1.8%	-1.0%	16.3%	4.0%	2.7%
Public Administration and Services	-2.8%	-0.5%	0.3%	-3.3%	-0.1%	1.4%
Social and Behavioral Sciences	4.3%	0.3%	-0.7%	8.5%	3.3%	1.8%
Other Fields	14.1%	1.4%	0.8%	9.2%	4.0%	2.3%

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.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table C.12: Doctorate-Level First-Time Graduate Enrollment by Broad Field and Gender, 2011 to 2021

Broad Field	Total			Men			Women		
	% Change, 2020 to 2021	Average Annual % Change, 2016 to 2021	Average Annual % Change, 2011 to 2021	% Change, 2020 to 2021	Average Annual % Change, 2016 to 2021	Average Annual % Change, 2011 to 2021	% Change, 2020 to 2021	Average Annual % Change, 2016 to 2021	Average Annual % Change, 2011 to 2021
Total	5.1%	1.9%	2.1%	4.4%	-0.6%	0.4%	5.4%	4.2%	3.8%
Arts and Humanities	-8.5%	-4.3%	-2.3%	-9.4%	-5.3%	-2.9%	-7.7%	-3.3%	-1.7%
Biological and Agricultural Sciences	10.0%	3.0%	2.1%	8.7%	0.4%	0.4%	10.7%	5.2%	3.6%
Business	11.2%	-2.0%	1.9%	-3.9%	-5.5%	0.2%	26.2%	2.2%	3.6%
Education	7.7%	4.6%	2.3%	2.6%	0.4%	0.7%	9.7%	6.6%	3.0%
Engineering	20.8%	1.3%	2.0%	19.6%	0.1%	0.8%	23.5%	4.6%	5.9%
Health Sciences	8.7%	4.6%	5.6%	9.6%	2.5%	3.1%	8.4%	5.3%	6.4%
Mathematics and Computer Sciences	18.4%	4.3%	3.4%	18.8%	3.3%	2.7%	16.6%	7.1%	5.5%
Physical and Earth Sciences	19.9%	0.3%	0.8%	17.1%	-1.4%	-0.3%	23.9%	3.4%	3.1%
Public Administration and Services	44.4%	0.6%	0.1%	7.4%	-4.3%	-2.8%	65.0%	3.2%	1.7%
Social and Behavioral Sciences	1.8%	-1.9%	-1.0%	-1.9%	-4.4%	-2.5%	4.2%	0.0%	0.2%
Other Fields	-2.9%	1.2%	-0.1%	0.3%	-2.1%	-1.8%	-4.8%	4.2%	1.3%

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.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table C.13: Master's-Level First-Time Graduate Enrollment by Broad Field and Gender, 2011 to 2021

Broad Field	Total			Men			Women		
	% Change, 2020 to 2021	Average Annual % Change, 2016 to 2021	Average Annual % Change, 2011 to 2021	% Change, 2020 to 2021	Average Annual % Change, 2016 to 2021	Average Annual % Change, 2011 to 2021	% Change, 2020 to 2021	Average Annual % Change, 2016 to 2021	Average Annual % Change, 2011 to 2021
Total	9.6%	3.3%	3.4%	16.6%	2.9%	3.2%	5.3%	3.4%	3.4%
Arts and Humanities	4.4%	-0.6%	-1.5%	3.7%	-1.2%	-1.9%	5.0%	-0.2%	-1.2%
Biological and Agricultural Sciences	2.1%	4.8%	4.5%	-1.0%	1.4%	1.9%	3.8%	7.2%	6.6%
Business	-3.8%	3.9%	3.6%	-3.6%	2.7%	2.5%	-4.7%	5.2%	4.9%
Education	-6.1%	-0.6%	-0.2%	-6.2%	-2.3%	-1.0%	-6.1%	-0.2%	0.1%
Engineering	40.9%	1.2%	4.0%	41.8%	0.5%	3.2%	40.0%	3.1%	6.5%
Health Sciences	0.9%	3.2%	4.2%	-1.8%	1.4%	3.5%	1.5%	3.6%	4.4%
Mathematics and Computer Sciences	78.5%	14.2%	23.2%	78.5%	14.5%	22.1%	79.1%	13.6%	26.2%
Physical and Earth Sciences	7.2%	0.5%	-0.1%	6.3%	-2.7%	-2.0%	8.0%	4.6%	2.5%
Public Administration and Services	-4.4%	-0.2%	1.2%	-3.4%	-0.3%	0.4%	-4.7%	-0.2%	1.3%
Social and Behavioral Sciences	8.0%	4.4%	1.9%	6.0%	2.2%	0.1%	9.8%	4.4%	2.3%
Other Fields	12.4%	3.1%	1.9%	15.6%	1.8%	1.1%	10.6%	3.9%	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.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table C.14: Total Graduate Enrollment by Institution Type and Carnegie Classification, 2011 to 2021

Carnegie Classification and Institution Type *	% Change, 2020 to 2021	Average Annual % Change, 2016 to 2021	Average Annual % Change, 2011 to 2021
Total	4.8%	1.9%	1.1%
Public	5.4%	2.4%	1.7%
Private, not-for-profit	4.8%	1.8%	1.1%
Private, for-profit	S	S	S
Doctoral: Very High Research	6.4%	3.2%	2.2%
Public	5.9%	3.0%	2.1%
Private, not-for-profit	8.0%	3.8%	2.6%
Private, for-profit	N/A	N/A	N/A
Doctoral: High Research	4.5%	1.0%	0.5%
Public	2.9%	1.0%	0.8%
Private, not-for-profit	8.3%	0.8%	-0.2%
Private, for-profit	N/A	N/A	N/A
Doctoral/Professional Universities	-2.8%	-0.2%	0.7%
Public	2.7%	2.8%	2.2%
Private, not-for-profit	-4.1%	-0.6%	0.6%
Private, for-profit	S	S	S
Master's Colleges and Universities	4.8%	1.1%	0.5%
Public	7.5%	2.1%	1.2%
Private, not-for-profit	-2.6%	-1.6%	-1.3%
Private, for-profit	N/A	N/A	N/A
Other	4.5%	-3.1%	-5.0%
Public	11.1%	1.8%	2.8%
Private, not-for-profit	19.6%	7.3%	2.5%
Private, for-profit	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.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table C.15: Total Graduate Enrollment by Citizenship and Race/Ethnicity, 2011 to 2021

Citizenship and Race/Ethnicity	% Change, 2020 to 2021	Average Annual % Change, 2016 to 2021	Average Annual % Change, 2011 to 2021
Total	4.8%	1.9%	1.1%
U.S. Citizens and Permanent Residents	2.5%	2.8%	0.9%
<i>American Indian/Alaska Native</i>	0.7%	0.7%	-1.5%
<i>Asian/Pacific Islander</i>	9.9%	8.1%	5.1%
<i>Asian</i>	10.2%	8.3%	5.4%
<i>Native Hawaiians/Other Pacific Islanders</i>	-3.6%	1.5%	-2.8%
<i>Black/African American</i>	1.9%	3.5%	1.3%
<i>Hispanic/Latino</i>	6.8%	8.3%	6.9%
<i>White</i>	0.9%	1.2%	-0.3%
Temporary Residents	15.8%	0.3%	3.1%
Other/Unknown **	2.2%	-2.3%	-1.6%

** 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.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table C.16: Total Graduate Enrollment by Citizenship, Race/Ethnicity, and Gender, 2011 to 2021

Citizenship and Race/Ethnicity	Men			Women		
	% Change, 2020 to 2021	Average Annual % Change, 2016 to 2021	Average Annual % Change, 2011 to 2021	% Change, 2020 to 2021	Average Annual % Change, 2016 to 2021	Average Annual % Change, 2011 to 2021
Total	5.2%	0.9%	0.7%	4.4%	2.6%	1.3%
U.S. Citizens and Permanent Residents	1.6%	1.7%	0.3%	3.0%	3.4%	1.2%
<i>American Indian/Alaska Native</i>	1.1%	-0.7%	-2.3%	0.5%	1.5%	-1.0%
<i>Asian/Pacific Islander</i>	8.6%	7.5%	4.4%	10.9%	8.6%	5.7%
<i>Asian</i>	9.0%	7.6%	4.7%	11.2%	8.8%	6.1%
<i>Native Hawaiians/Other Pacific Islanders</i>	-8.5%	1.5%	-3.0%	-0.8%	1.4%	-2.7%
<i>Black/African American</i>	2.6%	3.2%	1.7%	1.6%	3.6%	1.2%
<i>Hispanic/Latino</i>	6.2%	7.4%	6.3%	6.9%	8.7%	7.2%
<i>White</i>	-0.5%	0.0%	-0.9%	1.6%	2.0%	0.1%
Temporary Residents	16.3%	-0.2%	2.9%	14.9%	1.1%	3.4%
Other/Unknown **	2.0%	-2.8%	-2.3%	2.3%	-2.0%	-1.2%

** 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.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table C.17: Total Graduate Enrollment by Broad Field, 2011 to 2021

Broad Field	% Change, 2020 to 2021	Average Annual % Change, 2016 to 2021	Average Annual % Change, 2011 to 2021
Total	4.8%	1.9%	1.1%
Arts and Humanities	-0.6%	-2.0%	-2.1%
Biological and Agricultural Sciences	5.7%	3.4%	2.2%
Business	6.0%	4.4%	3.0%
Education	-0.8%	-0.5%	-1.4%
Engineering	7.7%	-0.1%	1.8%
Health Sciences	4.1%	3.6%	4.4%
Mathematics and Computer Sciences	18.5%	7.8%	11.7%
Physical and Earth Sciences	2.3%	0.3%	0.2%
Public Administration and Services	0.4%	1.0%	0.8%
Social and Behavioral Sciences	5.1%	1.7%	-0.2%
Other Fields	6.9%	2.8%	0.9%

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.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table C.18: Total Graduate Enrollment by Broad Field and Attendance Status, 2011 to 2021

Broad Field	% Change, 2020 to 2021	Full-Time		% Change, 2020 to 2021	Part-Time	
		Average Annual % Change, 2016 to 2021	Average Annual % Change, 2011 to 2021		Average Annual % Change, 2016 to 2021	Average Annual % Change, 2011 to 2021
Total	5.7%	1.0%	0.6%	3.4%	3.4%	1.8%
Arts and Humanities	-1.8%	-2.3%	-2.1%	2.2%	-1.0%	-2.3%
Biological and Agricultural Sciences	3.0%	2.4%	1.6%	14.7%	7.0%	4.3%
Business	8.2%	2.7%	2.2%	3.7%	6.6%	4.1%
Education	0.7%	-1.4%	-2.1%	-1.8%	0.1%	-0.9%
Engineering	9.8%	-1.0%	1.6%	3.2%	2.4%	2.2%
Health Sciences	4.6%	2.6%	3.8%	3.5%	4.9%	5.3%
Mathematics and Computer Sciences	25.4%	4.7%	9.6%	9.5%	14.1%	15.8%
Physical and Earth Sciences	2.1%	0.3%	0.4%	3.5%	0.0%	-0.7%
Public Administration and Services	1.1%	0.7%	0.2%	-0.7%	1.6%	1.8%
Social and Behavioral Sciences	2.1%	0.5%	-0.7%	11.5%	4.4%	1.0%
Other Fields	6.9%	2.1%	0.7%	6.8%	3.7%	1.1%

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.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table C.19: Total Graduate Enrollment by Broad Field and Citizenship, 2011 to 2021

Broad Field	U.S. Citizens and Permanent Residents			Temporary Residents		
	% Change, 2020 to 2021	Average Annual % Change, 2016 to 2021	Average Annual % Change, 2011 to 2021	% Change, 2020 to 2021	Average Annual % Change, 2016 to 2021	Average Annual % Change, 2011 to 2021
Total	2.5%	2.8%	0.9%	15.8%	0.3%	3.1%
Arts and Humanities	-1.8%	-2.1%	-2.5%	4.8%	-0.7%	1.4%
Biological and Agricultural Sciences	4.7%	3.6%	2.7%	9.3%	2.2%	1.0%
Business	2.5%	5.5%	3.6%	24.6%	1.0%	1.6%
Education	-1.1%	-0.4%	-1.4%	4.1%	-1.6%	0.0%
Engineering	4.7%	3.6%	2.0%	10.5%	-3.3%	1.9%
Health Sciences	4.0%	4.0%	4.7%	12.3%	1.0%	2.0%
Mathematics and Computer Sciences	5.8%	12.3%	9.3%	32.2%	4.5%	15.4%
Physical and Earth Sciences	1.3%	0.6%	0.4%	3.9%	-0.3%	0.4%
Public Administration and Services	0.3%	1.2%	0.9%	13.7%	-1.1%	-0.1%
Social and Behavioral Sciences	3.8%	1.8%	-0.4%	10.2%	2.2%	2.3%
Other Fields	5.5%	3.2%	0.6%	13.5%	0.3%	3.5%

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.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

**Table C.20: Total Graduate Enrollment by Broad Field and Race/Ethnicity, 2011 to 2021
(U.S. Citizens and Permanent Residents Only)**

Broad Field	% Change, '20-'21	Avg. Annual % Change, '16-'21	Avg. Annual % Change, '11-'21	% Change, '20-'21	Avg. Annual % Change, '16-'21	Avg. Annual % Change, '11-'21	% Change, '20-'21	Avg. Annual % Change, '16-'21	Avg. Annual % Change, '11-'21
American Indian/Alaska Native			Asian/Pacific Islander *			Asian			
Total	0.7%	0.7%	-1.5%	9.9%	8.1%	5.1%	10.2%	8.3%	5.4%
Arts & Humanities	-5.8%	-3.6%	-4.2%	0.6%	0.7%	0.0%	0.8%	1.0%	0.2%
Bio. & Agric. Sci.	-0.7%	1.5%	1.2%	4.1%	5.6%	4.3%	4.5%	5.7%	4.5%
Business	2.2%	1.7%	0.2%	8.6%	11.8%	6.1%	8.9%	11.9%	6.2%
Education	-7.9%	-1.3%	-2.8%	6.5%	2.7%	1.6%	6.8%	2.7%	1.8%
Engineering	9.7%	4.5%	0.4%	9.6%	6.5%	3.2%	9.7%	6.6%	3.2%
Health Sciences	4.8%	-0.9%	0.7%	6.2%	6.7%	8.2%	6.3%	6.5%	8.2%
Math & Comp. Sci.	14.7%	7.2%	2.0%	15.6%	27.6%	26.6%	15.6%	27.7%	27.0%
Physical & Earth Sci.	-2.1%	-4.5%	-4.4%	4.9%	4.2%	3.6%	6.0%	4.2%	3.7%
Public Admin. & Svcs.	-3.6%	-3.4%	-0.6%	0.5%	3.8%	1.4%	0.9%	4.3%	2.0%
Social & Behav. Sci.	-1.0%	-1.4%	-3.1%	10.7%	5.6%	2.1%	11.0%	6.1%	2.4%
Other Fields	0.0%	0.0%	-3.5%	0.0%	0.0%	1.3%	24.0%	7.9%	3.2%
Native Hawaiians/ Other Pacific Islanders			Black/African American			Hispanic/Latino			
Total	-3.6%	1.5%	-2.8%	1.9%	3.5%	1.3%	6.8%	8.3%	6.9%
Arts & Humanities	-8.0%	-6.1%	-3.9%	2.8%	2.9%	0.9%	1.3%	2.1%	1.7%
Bio. & Agric. Sci.	-17.5%	1.4%	-2.8%	9.0%	8.1%	6.4%	9.5%	11.6%	13.1%
Business	-6.5%	4.2%	0.8%	1.2%	3.2%	4.1%	8.1%	11.9%	11.1%
Education	1.3%	3.1%	-1.5%	0.0%	0.8%	-0.3%	2.4%	3.6%	2.9%
Engineering	-4.1%	2.9%	-2.3%	6.0%	4.9%	2.7%	11.7%	11.1%	9.1%
Health Sciences	2.8%	6.4%	1.6%	7.0%	7.7%	9.7%	8.3%	14.3%	16.1%
Math & Comp. Sci.	6.0%	11.9%	4.0%	3.2%	11.3%	10.5%	9.0%	18.9%	16.8%
Physical & Earth Sci.	-43.1%	0.0%	-2.6%	4.1%	4.5%	1.6%	8.7%	9.9%	11.6%
Public Admin. & Svcs.	-5.7%	-3.7%	-4.6%	-3.6%	0.0%	0.1%	2.9%	5.1%	7.4%
Social & Behav. Sci.	1.6%	-4.5%	-3.8%	2.9%	2.7%	-0.1%	9.2%	8.2%	4.8%
Other Fields	-20.6%	-3.0%	-2.4%	0.0%	0.0%	0.1%	11.3%	11.5%	10.9%
White									
Total	0.9%	1.2%	-0.3%						
Arts & Humanities	-3.0%	-3.3%	-3.2%						
Bio. & Agric. Sci.	3.5%	2.0%	1.3%						
Business	0.5%	4.0%	2.3%						
Education	-2.5%	-1.5%	-2.2%						
Engineering	2.2%	1.7%	0.9%						
Health Sciences	2.3%	1.8%	2.6%						
Math & Comp. Sci.	1.8%	7.7%	5.1%						
Physical & Earth Sci.	-0.3%	-0.8%	-0.6%						
Public Admin. & Svcs.	1.0%	0.6%	0.1%						
Social & Behav. Sci.	2.0%	0.1%	-1.4%						
Other Fields	2.3%	1.4%	-1.0%						

* 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.

N/A=Not available. Ten-year trend data are unavailable for Asian and Native Hawaiians/Other Pacific Islanders.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table C.21: Total Graduate Enrollment by Broad Field and Gender, 2011 to 2021

Broad Field	Men			Women		
	% Change, 2020 to 2021	Average Annual % Change, 2016 to 2021	Average Annual % Change, 2011 to 2021	% Change, 2020 to 2021	Average Annual % Change, 2016 to 2021	Average Annual % Change, 2011 to 2021
Total	5.2%	0.9%	0.7%	4.4%	2.6%	1.3%
Arts and Humanities	-1.7%	-2.7%	-2.4%	0.2%	-1.4%	-1.9%
Biological and Agricultural Sciences	2.6%	0.8%	0.6%	7.9%	5.6%	3.6%
Business	4.7%	3.2%	2.0%	6.0%	5.7%	4.3%
Education	-2.1%	-1.9%	-2.0%	-0.4%	0.0%	-1.2%
Engineering	7.0%	-0.9%	1.0%	9.6%	2.3%	4.5%
Health Sciences	3.6%	1.8%	3.6%	4.3%	4.0%	4.7%
Mathematics and Computer Sciences	18.1%	7.4%	10.5%	19.3%	9.0%	15.0%
Physical and Earth Sciences	0.1%	-1.2%	-0.5%	5.7%	2.8%	1.6%
Public Administration and Services	-0.1%	-0.5%	-0.6%	0.6%	1.4%	1.2%
Social and Behavioral Sciences	2.3%	-0.6%	-1.3%	5.2%	2.4%	0.2%
Other Fields	7.0%	0.9%	0.1%	6.8%	4.0%	1.3%

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.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table C.22: Doctorate-Level Total Graduate Enrollment by Broad Field and Gender, 2011 to 2021

Broad Field	Total			Men			Women		
	% Change, 2020 to 2021	Average Annual % Change, 2016 to 2021	Average Annual % Change, 2011 to 2021	% Change, 2020 to 2021	Average Annual % Change, 2016 to 2021	Average Annual % Change, 2011 to 2021	% Change, 2020 to 2021	Average Annual % Change, 2016 to 2021	Average Annual % Change, 2011 to 2021
Total	2.3%	1.4%	1.0%	0.3%	-0.1%	0.2%	3.9%	2.9%	1.8%
Arts and Humanities	-3.3%	-2.6%	-1.9%	-4.3%	-3.2%	-2.2%	-2.4%	-2.1%	-1.6%
Biological and Agricultural Sciences	3.4%	2.3%	1.4%	0.9%	0.3%	0.3%	5.4%	4.1%	2.4%
Business	-0.8%	-2.2%	1.2%	-3.7%	-3.8%	0.1%	1.2%	-0.4%	2.4%
Education	2.6%	0.7%	-0.5%	-0.8%	-1.4%	-1.4%	4.1%	1.7%	-0.1%
Engineering	2.6%	1.8%	2.1%	1.4%	0.9%	1.3%	5.8%	4.8%	4.8%
Health Sciences	8.1%	4.6%	5.4%	7.0%	2.3%	3.6%	8.5%	5.5%	6.2%
Mathematics and Computer Sciences	3.6%	4.1%	3.0%	3.1%	3.5%	2.4%	5.0%	6.4%	5.1%
Physical and Earth Sciences	1.4%	0.6%	0.8%	-0.1%	-0.6%	0.1%	4.0%	2.9%	2.1%
Public Administration and Services	1.7%	-1.8%	-1.5%	-4.9%	-5.0%	-3.1%	4.6%	-0.1%	-0.6%
Social and Behavioral Sciences	-1.3%	-0.8%	-0.8%	-2.5%	-2.6%	-1.7%	-0.6%	0.4%	-0.1%
Other Fields	0.5%	0.1%	-0.6%	-0.9%	-2.2%	-1.8%	1.6%	2.3%	0.4%

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.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table C.23: Master's-Level Total Graduate Enrollment by Broad Field and Gender, 2011 to 2021 *

Broad Field	Total			Men			Women		
	% Change, 2020 to 2021	Average Annual % Change, 2016 to 2021	Average Annual % Change, 2011 to 2021	% Change, 2020 to 2021	Average Annual % Change, 2016 to 2021	Average Annual % Change, 2011 to 2021	% Change, 2020 to 2021	Average Annual % Change, 2016 to 2021	Average Annual % Change, 2011 to 2021
Total	5.8%	2.1%	1.1%	7.5%	1.3%	1.0%	4.6%	2.5%	1.1%
Arts and Humanities	1.3%	-1.5%	-2.3%	0.4%	-2.3%	-2.6%	1.8%	-0.9%	-2.1%
Biological and Agricultural Sciences	8.6%	4.6%	3.4%	5.1%	1.1%	1.0%	10.7%	7.2%	5.4%
Business	6.4%	4.8%	3.2%	5.2%	3.6%	2.2%	6.3%	6.1%	4.5%
Education	-1.8%	-0.8%	-1.7%	-2.7%	-2.2%	-2.3%	-1.6%	-0.5%	-1.5%
Engineering	11.7%	-1.5%	1.5%	11.5%	-2.2%	0.7%	12.7%	0.5%	4.1%
Health Sciences	2.7%	3.2%	4.1%	1.8%	1.6%	3.6%	2.9%	3.6%	4.2%
Mathematics and Computer Sciences	23.1%	9.0%	16.5%	23.1%	8.8%	15.4%	23.0%	9.5%	19.6%
Physical and Earth Sciences	5.1%	-1.0%	-1.2%	0.8%	-3.6%	-2.4%	9.8%	2.3%	0.5%
Public Administration and Services	0.3%	1.3%	1.0%	0.4%	0.3%	-0.2%	0.2%	1.5%	1.3%
Social and Behavioral Sciences	9.8%	3.8%	0.3%	6.2%	1.3%	-0.9%	9.2%	4.0%	0.4%
Other Fields	8.1%	3.3%	1.2%	9.0%	1.7%	0.7%	7.7%	4.3%	1.5%

* Includes first-time enrollment in graduate-level certificate and education specialist programs.

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.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table C.24: Graduate Degrees and Certificates Awarded by Degree Level and Institution Type, 2010-11 to 2020-21

Degree Level and Institution Type	% Change, '19–20 to '20–21	Average Annual % Change, '15–16 to '19–20	Average Annual % Change, '10–11 to '20–21
Doctoral Degrees	1.1%	1.2%	2.4%
<i>Public</i>	-0.3%	0.8%	2.2%
<i>Private, not-for-profit</i>	4.4%	1.7%	2.6%
<i>Private, for-profit</i>	\$	\$	\$
Master's Degrees	2.6%	1.6%	1.3%
<i>Public</i>	3.7%	2.1%	2.2%
<i>Private, not-for-profit</i>	0.2%	1.4%	1.5%
<i>Private, for-profit</i>	\$	\$	\$
Graduate-Level Certificates	3.7%	8.0%	11.5%
<i>Public</i>	5.7%	10.0%	17.5%
<i>Private, not-for-profit</i>	-3.2%	4.0%	3.4%
<i>Private, for-profit</i>	\$	\$	\$

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.

\$ = Suppressed due to small number of institutional respondents in this category.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table C.25: Graduate Degrees and Certificates Awarded by Degree Level and Carnegie Classification, 2010-11 to 2020-21

Degree Level and Carnegie Classification *	% Change, '19–20 to '20–21	Average Annual % Change, '15–16 to '19–20	Average Annual % Change, '10–11 to '20–21
Doctoral Degrees	1.1%	1.2%	2.4%
<i>Doctoral: Very High Research</i>	-2.2%	-0.2%	1.0%
<i>Doctoral: High Research</i>	4.0%	3.2%	5.3%
<i>Doctoral/Professional Universities</i>	17.5%	7.1%	10.0%
<i>Master's Colleges and Universities</i>	-9.8%	12.0%	14.9%
<i>Other</i>	26.6%	0.1%	1.8%
Master's Degrees	2.6%	1.6%	1.3%
<i>Doctoral: Very High Research</i>	2.1%	3.1%	3.0%
<i>Doctoral: High Research</i>	2.4%	0.0%	0.9%
<i>Doctoral/Professional Universities</i>	1.8%	1.2%	1.5%
<i>Master's Colleges and Universities</i>	3.9%	0.5%	0.7%
<i>Other</i>	11.1%	-4.7%	-6.0%
Graduate-Level Certificates	3.7%	8.0%	11.5%
<i>Doctoral: Very High Research</i>	1.0%	14.5%	18.3%
<i>Doctoral: High Research</i>	15.1%	1.8%	11.0%
<i>Doctoral/Professional Universities</i>	3.5%	4.3%	8.9%
<i>Master's Colleges and Universities</i>	-3.5%	5.1%	4.1%
<i>Other</i>	4.0%	7.3%	1.1%

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

Note: 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.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table C.26: Graduate Degrees and Certificates Awarded by Degree Level, Institution Type, and Gender, 2010-11 to 2020-21

Degree Level and Institution Type	Men			Women		
	% Change, '19–20 to '20–21	Average Annual % Change, '15–16 to '19–20	Average Annual % Change, '10–11 to '20–21	% Change, '19–20 to '20–21	Average Annual % Change, '15–16 to '19–20	Average Annual % Change, '10–11 to '20–21
Doctoral Degrees	0.5%	0.0%	1.8%	1.7%	2.3%	2.8%
<i>Public</i>	-2.4%	-0.3%	1.6%	1.6%	1.9%	2.6%
<i>Private, not-for-profit</i>	7.5%	0.6%	2.3%	1.9%	2.8%	2.8%
<i>Private, for-profit</i>	S	S	S	S	S	S
Master's Degrees	2.7%	0.4%	1.2%	2.5%	2.5%	1.4%
<i>Public</i>	3.6%	0.6%	2.0%	3.7%	3.3%	2.4%
<i>Private, not-for-profit</i>	0.4%	0.5%	1.1%	-0.1%	2.0%	1.8%
<i>Private, for-profit</i>	S	S	S	S	S	S
Graduate-Level Certificates	3.1%	9.9%	14.7%	4.2%	7.6%	9.9%
<i>Public</i>	3.6%	13.7%	23.6%	7.4%	8.8%	14.4%
<i>Private, not-for-profit</i>	-0.8%	1.4%	2.6%	-4.3%	6.0%	3.7%
<i>Private, for-profit</i>	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.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table C.27: Graduate Degrees and Certificates Awarded by Degree Level, Carnegie Classification, and Gender, 2010-11 to 2020-21

Degree Level and Carnegie Classification *	Men			Women		
	% Change, '19–20 to '20–21	Average Annual % Change, '15–16 to '19–20	Average Annual % Change, '10–11 to '20–21	% Change, '19–20 to '20–21	Average Annual % Change, '15–16 to '19–20	Average Annual % Change, '10–11 to '20–21
Doctoral Degrees	0.5%	0.0%	1.8%	1.7%	2.3%	2.8%
<i>Doctoral: Very High Research</i>	-3.2%	-0.8%	0.9%	-1.2%	0.4%	1.2%
<i>Doctoral: High Research</i>	0.8%	1.6%	4.7%	6.5%	4.5%	5.4%
<i>Doctoral/Professional Universities</i>	42.2%	5.8%	11.7%	6.2%	7.7%	9.4%
<i>Master's Colleges and Universities</i>	-22.5%	9.2%	13.4%	-2.6%	13.3%	15.3%
<i>Other</i>	32.7%	-0.8%	1.8%	22.9%	0.8%	1.7%
Master's Degrees	2.7%	0.4%	1.2%	2.5%	2.5%	1.4%
<i>Doctoral: Very High Research</i>	2.3%	2.0%	2.6%	2.0%	4.0%	3.3%
<i>Doctoral: High Research</i>	2.2%	-2.0%	0.3%	2.1%	1.5%	1.2%
<i>Doctoral/Professional Universities</i>	1.6%	-0.2%	1.0%	1.9%	1.8%	1.7%
<i>Master's Colleges and Universities</i>	5.3%	-1.8%	0.3%	3.2%	1.8%	0.8%
<i>Other</i>	10.4%	-5.5%	-6.2%	11.4%	-4.2%	-5.9%
Graduate-Level Certificates	3.1%	9.9%	14.7%	4.2%	7.6%	9.9%
<i>Doctoral: Very High Research</i>	-0.4%	18.3%	23.8%	2.1%	11.9%	15.0%
<i>Doctoral: High Research</i>	9.5%	1.6%	12.9%	19.7%	3.7%	10.0%
<i>Doctoral/Professional Universities</i>	5.1%	2.7%	5.7%	2.9%	6.1%	10.4%
<i>Master's Colleges and Universities</i>	10.1%	5.9%	6.1%	-8.4%	4.8%	3.2%
<i>Other</i>	1.2%	6.4%	-0.5%	5.4%	7.7%	2.1%

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

Note: 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.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table C.28: Graduate-Level Certificates Awarded by Broad Field and Gender, 2010-11 to 2020-21

Broad Field	Total			Men			Women		
	% Change, 2020 to 2021	Average Annual % Change, 2016 to 2021	Average Annual % Change, 2011 to 2021	% Change, 2020 to 2021	Average Annual % Change, 2016 to 2021	Average Annual % Change, 2011 to 2021	% Change, 2020 to 2021	Average Annual % Change, 2016 to 2021	Average Annual % Change, 2011 to 2021
Total	3.7%	8.0%	11.5%	3.1%	9.9%	14.7%	4.1%	7.6%	9.9%
Arts and Humanities	-13.1%	-0.6%	4.1%	-27.4%	-1.0%	6.1%	-2.2%	-0.3%	3.1%
Biological and Agricultural Sciences	-4.2%	11.4%	4.3%	5.8%	8.9%	5.5%	-9.9%	12.5%	3.5%
Business	11.7%	12.0%	13.8%	12.2%	11.8%	11.9%	10.7%	13.7%	15.8%
Education	13.0%	6.7%	6.2%	12.9%	3.5%	5.5%	13.0%	8.4%	6.4%
Engineering	-17.7%	9.1%	34.9%	-14.0%	8.0%	32.2%	-25.4%	12.6%	43.1%
Health Sciences	5.2%	6.6%	11.2%	9.6%	4.1%	9.3%	4.2%	6.8%	11.7%
Mathematics and Computer Sciences	11.8%	12.1%	20.3%	9.6%	10.4%	18.9%	15.6%	14.3%	22.2%
Physical and Earth Sciences	1.5%	-3.6%	23.6%	-7.2%	-7.6%	15.6%	12.2%	2.7%	37.6%
Public Administration and Services	6.7%	-0.1%	2.5%	28.6%	0.0%	5.3%	-0.3%	0.5%	1.6%
Social and Behavioral Sciences	-1.0%	10.1%	4.8%	-10.9%	6.7%	2.1%	2.0%	12.0%	6.6%
Other Fields	21.4%	12.5%	16.0%	25.4%	12.5%	26.9%	18.6%	12.4%	11.4%

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.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table C.29: Master's Degrees Awarded by Broad Field and Gender, 2010-11 to 2020-21

Broad Field	Total			Men			Women		
	% Change, '19/20— '20/21	Average Annual % Change, '15/16— '20/21	Average Annual % Change, '10/11— '20/21	% Change, '19/20— '20/21	Average Annual % Change, '15/16— '20/21	Average Annual % Change, '10/11— '20/21	% Change, '19/20— '20/21	Average Annual % Change, '15/16— '20/21	Average Annual % Change, '10/11— '20/21
Total	2.6%	1.6%	1.3%	2.7%	0.4%	1.2%	2.5%	2.5%	1.4%
Arts and Humanities	1.9%	-2.0%	-1.8%	1.0%	-2.3%	-1.9%	2.6%	-1.7%	-1.7%
Biological and Agricultural Sciences	2.1%	0.3%	3.6%	-0.3%	-2.9%	1.8%	3.8%	3.0%	5.2%
Business	3.6%	3.0%	2.0%	2.8%	1.7%	0.9%	2.7%	4.4%	3.3%
Education	0.2%	-0.2%	-1.9%	1.4%	-1.9%	-2.2%	-0.1%	0.3%	-1.8%
Engineering	-1.4%	-2.4%	1.9%	-3.4%	-3.1%	0.9%	3.0%	0.0%	5.2%
Health Sciences	2.0%	3.6%	6.3%	2.7%	3.0%	6.7%	1.9%	3.8%	6.2%
Mathematics and Computer Sciences	8.0%	6.4%	14.4%	9.5%	5.4%	13.3%	5.6%	8.9%	17.1%
Physical and Earth Sciences	0.8%	-2.0%	-0.2%	-3.5%	-2.6%	-0.6%	6.6%	-0.8%	0.5%
Public Administration and Services	-0.9%	2.6%	1.8%	-0.8%	0.5%	0.1%	-0.8%	3.1%	2.3%
Social and Behavioral Sciences	1.0%	1.3%	0.8%	-2.1%	-0.2%	-0.3%	1.9%	1.9%	1.3%
Other Fields	3.7%	3.2%	1.4%	1.6%	1.3%	1.0%	4.8%	4.3%	1.7%

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.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

Table C.30: Doctoral Degrees Awarded by Broad Field and Gender, 2010-11 to 2020-21

Broad Field	Total			Men			Women		
	% Change, '19/20— '20/21	Average Annual % Change, '15/16— '20/21	Average Annual % Change, '10/11— '20/21	% Change, '19/20— '20/21	Average Annual % Change, '15/16— '20/21	Average Annual % Change, '10/11— '20/21	% Change, '19/20— '20/21	Average Annual % Change, '15/16— '20/21	Average Annual % Change, '10/11— '20/21
Total	1.1%	1.2%	2.4%	0.5%	0.0%	1.8%	1.7%	2.3%	2.8%
Arts and Humanities	-13.1%	-4.3%	-1.4%	-12.0%	-3.4%	-1.1%	-14.0%	-4.9%	-1.7%
Biological and Agricultural Sciences	-2.6%	-0.8%	0.6%	-3.4%	-1.9%	0.3%	-2.0%	0.0%	0.9%
Business	6.7%	-0.7%	4.7%	8.1%	0.9%	3.2%	4.6%	-2.2%	7.3%
Education	-1.2%	0.8%	0.7%	-7.5%	1.2%	0.3%	2.0%	0.7%	0.8%
Engineering	0.5%	1.5%	2.8%	-3.4%	0.2%	1.9%	12.6%	6.2%	5.9%
Health Sciences	12.7%	5.7%	7.4%	12.8%	4.8%	7.3%	12.7%	6.1%	7.4%
Mathematics and Computer Sciences	0.0%	2.1%	2.9%	-1.0%	1.3%	2.4%	4.1%	5.1%	4.2%
Physical and Earth Sciences	-4.3%	-1.3%	0.4%	-6.7%	-2.3%	-0.2%	0.1%	0.6%	1.6%
Public Administration and Services	1.3%	5.7%	4.4%	-1.9%	5.9%	2.6%	2.9%	5.8%	5.4%
Social and Behavioral Sciences	-4.6%	-1.2%	0.1%	-5.9%	-2.6%	-0.3%	-3.8%	-0.3%	0.2%
Other Fields	17.5%	1.9%	2.0%	24.6%	3.4%	2.9%	12.0%	0.4%	1.1%

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.

Source: CGS/GRE Survey of Graduate Enrollment and Degrees

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

2021 _____ Data Sheet

Institution Name: _____

GRE Institution Code: _____

I. Graduate Enrollment for 2021 Fall Term						
	Men	First Time Women	Total	Men	Women	Total
Master's and Other *						
Doctorate						
Total						
Full Time						
Part Time						
Total						

II. Number of Degrees Conferred between July 1, 2020, and June 30, 2021			
	Men	Women	Total
Master's and Other *			
Doctorate			
Graduate Certificate			

III. Number of Completed Applications Submitted for 2021 Fall Term			
	Master's and Other*	Doctorate	Total
Accepted			
Not Accepted			
Total			

IV. Graduate Enrollment by Race/Ethnicity for 2021 Fall Term							
		Men	First-Time Women	Total	Men	Women	Total
Non-Resident Aliens (Temporary Residents)							
U.S. Citizens and Permanent Residents	Hispanic/Latino (of any race)						
	American Indian/Alaskan Native						
	Asian						
	Black/African American						
	Native Hawaiian/Other Pacific Islander						
	White						
	Two or More Races						
	Race/Ethnicity Unknown						
Citizenship Unknown							
Total							

* Other 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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