



# MSU Denver Post-Graduate Outcomes Survey Report

Spring 2017 - Fall 2020 Graduates  
Kelsey Smith, Business Intelligence Unit

Note: If utilizing the college and/or department filter options on the next page, or if this report has been provided to you pre-filtered in PDF format, the sample sizes and response rates noted below under "Survey Details" can be disregarded, as they are reflective of the overall Graduate Outcomes report.

## Summary

The MSU Denver Post-Graduate Outcomes report reflects data collected via survey of all MSU Denver graduates. Graduates are surveyed following the completion of their degree, in the hopes that we, as an institution, can gain insights into the paths of our graduates, including employment, continuing education, and salary expectations.

## Survey Details

This report encompasses a total of 3750 unique graduate responses, with an overall response rate of 27.4% across all graduating classes.

Note that in Spring 2019, survey distribution strategy was altered. From Spring 2017 through Fall 2018, surveys were distributed roughly 4 times: once at graduation, 3 months after graduation, 6 months after graduation, and a full year after graduation. However, due to concerns of survey fatigue and the sharp decline of response rates after initial distribution, beginning with the Spring 2019 graduating class distribution, the survey was distributed one time, 6 months post-graduation. For the cohorts prior to Spring 2019, this report looks at the last, most up-to-date response of any individual who completed the survey more than once within a year following their graduation.

Similarly, beginning with the Fall 2019 graduating class distribution, a number of questions were removed from the survey. Visualizations reflective of the removed questions have been left in, but only represent graduates from Summer 2019 and earlier. Notes have been included on those pages to signify the graduating classes represented.

## Data Notes

- All outcomes data were pulled directly from the in-house Graduate Outcomes Qualtrics survey responses.
- Graduates that did not respond to a particular question were excluded from that respective visualization.
- This report reflects graduating classes from Spring 2017 through Fall 2020 (12 semesters).
- The mailing list for survey distribution consists of all graduates, both graduate and undergraduate, and all degree levels (BA, BS, Certificates, etc.).
- In general, personal email addresses were utilized where possible, and supplemented with MSU Denver email addresses when needed.
- Also included are a few visualizations utilizing data obtained from LinkedIn via LiveAlumni. Topics addressed (employment industry, location, etc.) may be redundant with other report visualizations, but encompass a wider population, including non-respondents of the survey. Limitations of the data are noted where relevant.
- For the graduating classes prior to 2019, being surveyed at time of graduation meant that they were "pending" (unconfirmed) graduates. In a small number of cases, students replied to the survey, but then never graduated; these survey results have been excluded. More often, "pending graduates" replied to the survey, but then did not officially graduate until later (usually by 1-2 semesters). Their survey responses have been left in to avoid any data loss on our graduates, but their responses have been left codified under the original semester they were surveyed, in an attempt to maintain response rate accuracy. In a small number of cases, they replied to the survey twice (once at time of unconfirmed graduation, and once at time of actual graduation). The latter, most up-to-date response was used in these cases.

A number of appendices are included, and noted where relevant throughout the report.



## Filtering Options

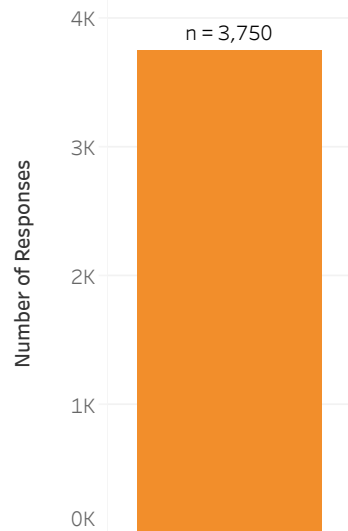
### Spring 2017 - Fall 2020 Graduates

If you are looking to view this report with an eye to specific majors, use the below drop-down menus to select the college and/or department of interest. These filters will modify most all pages that follow, with minor exception: namely, National Student Clearinghouse data related to continuing education, and LinkedIn data. The LinkedIn data visualizations include a searchable filter specific to those pages. See instructions on those pages for further info. If you are interested in continuing education data specific to your college or department, we encourage you to submit a data request, and we would be happy to investigate:

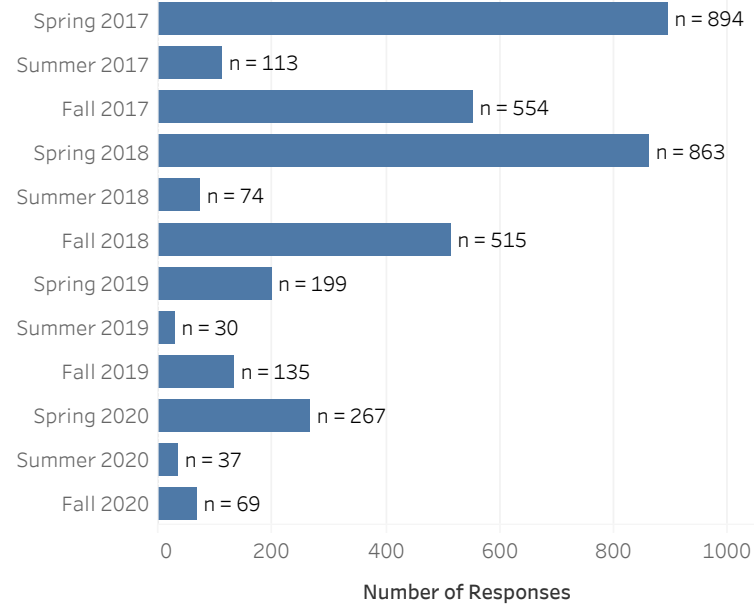
<https://www.msudenver.edu/business-intelligence/>

In some cases, data may be suppressed if sample sizes are too small ( $n < 5$ ). If, after applying a departmental filter, some pages or visualizations appear blank, there are not sufficient data to populate the relevant visualization(s).

### Total Sample Size



### Number of Responses by Term



College of Respondent

All

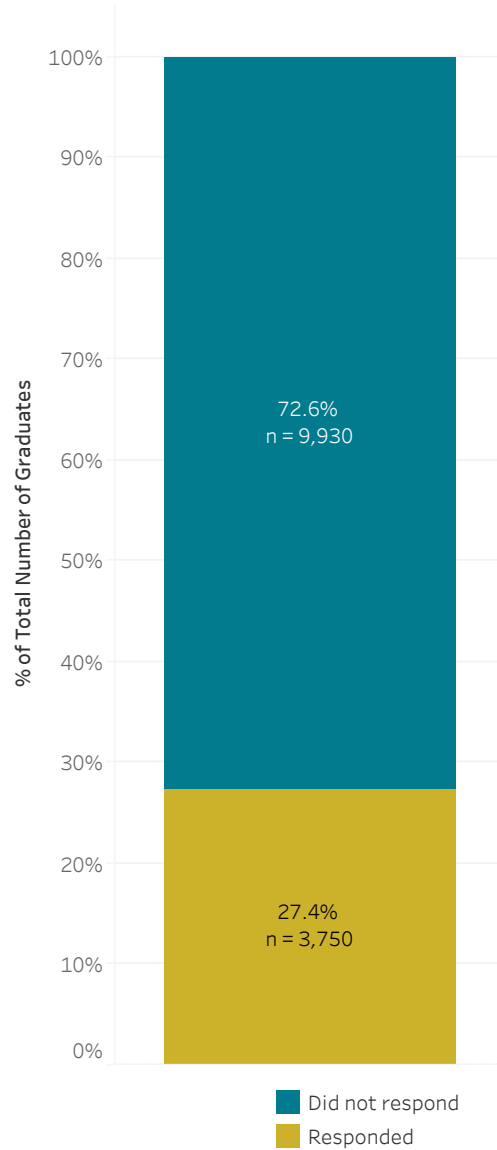
Department of Respondent

All

Note: Starting with the Spring 2019 graduating class, the frequency of the survey distribution was modified to a one-time survey sent 6 months after graduation, rather than being distributed four separate times over the course of a year, like the previous iterations. As such, the response rate has understandably declined, but the resulting data are better representative of the information intending to be captured.

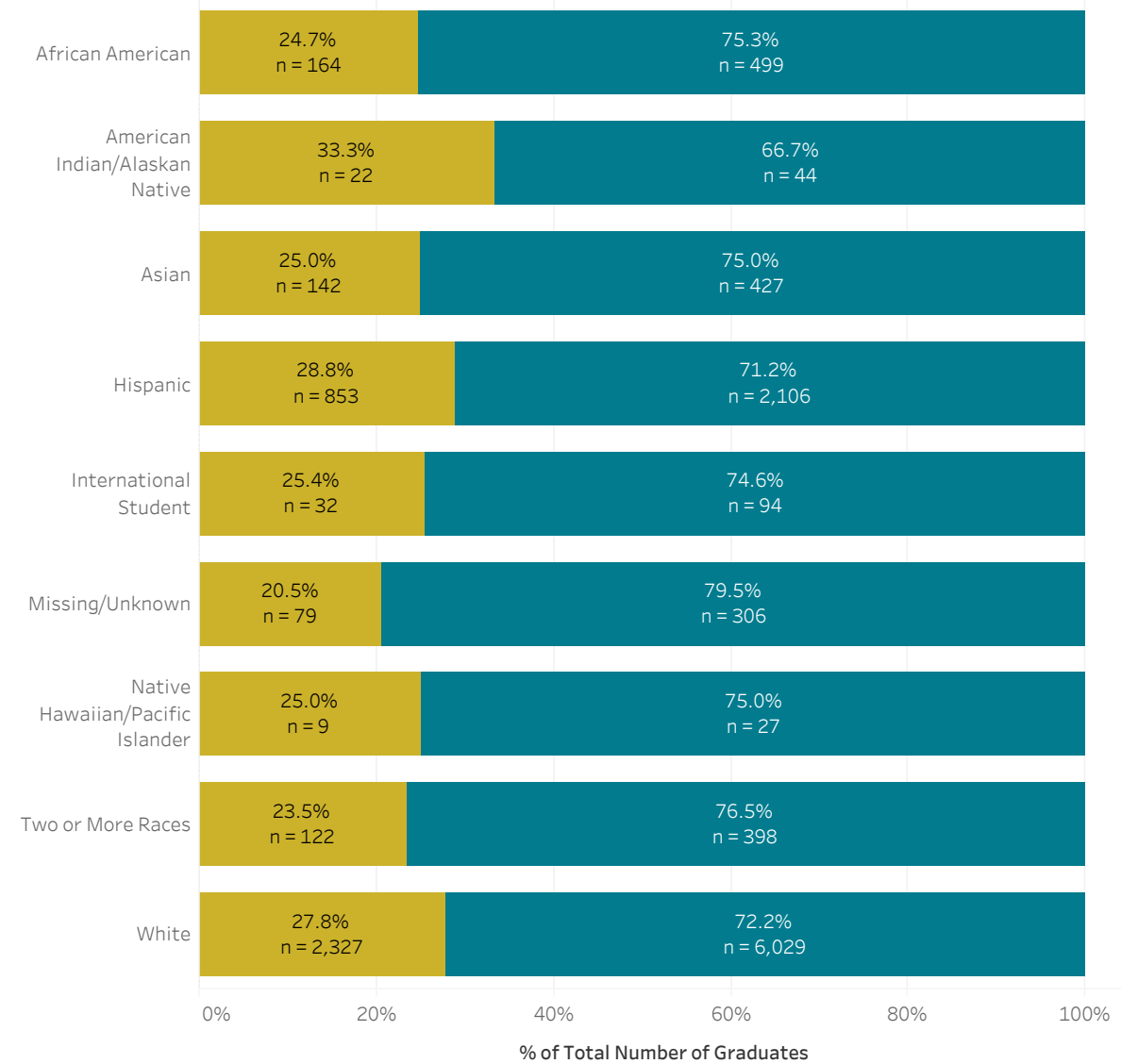
## Response Rate Overview

### Overall Response Rate



### by Race/Ethnicity

Category suppressed if total sample size is less than 5.

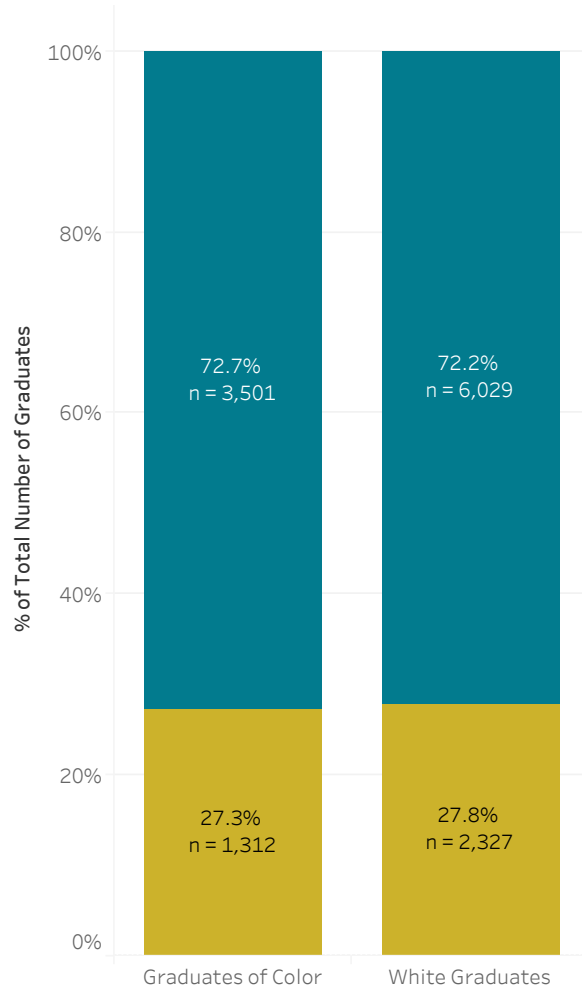


## Response Rate Overview

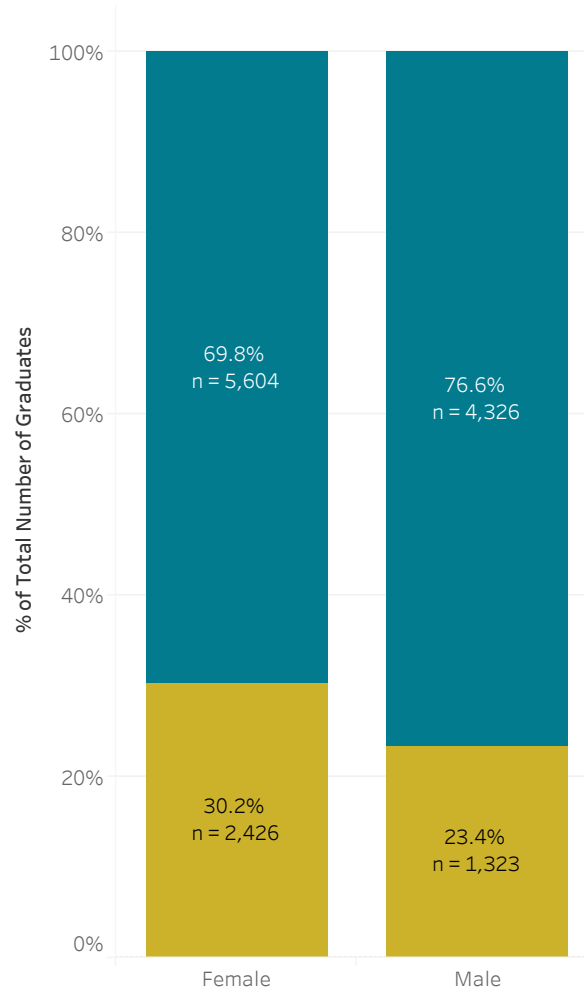
Category suppressed if total sample size is less than 5.

Did not respond    Responded

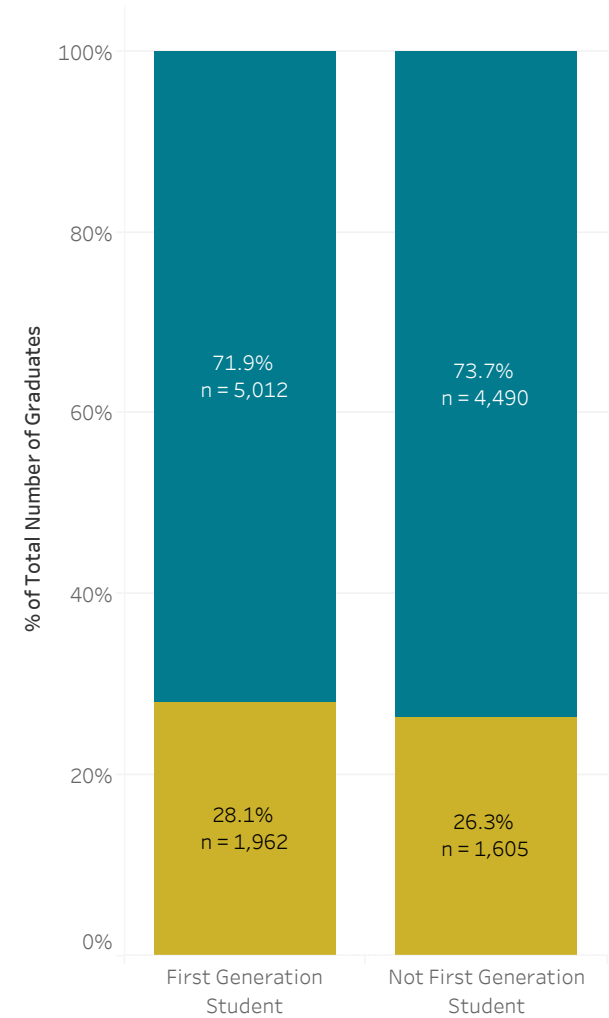
by Race (Grouped)



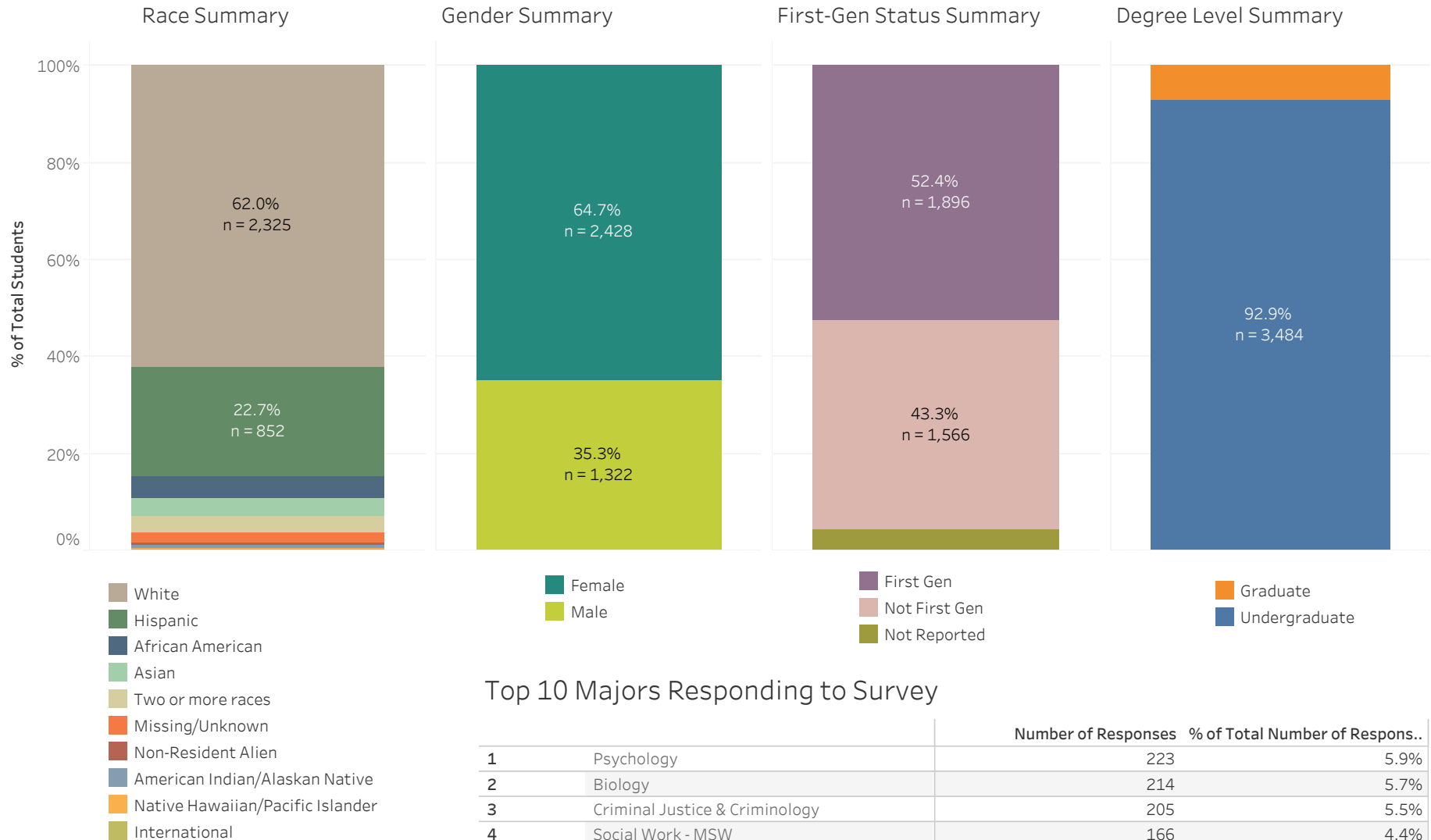
by Sex



by First-Gen Status



## Overview of Respondents

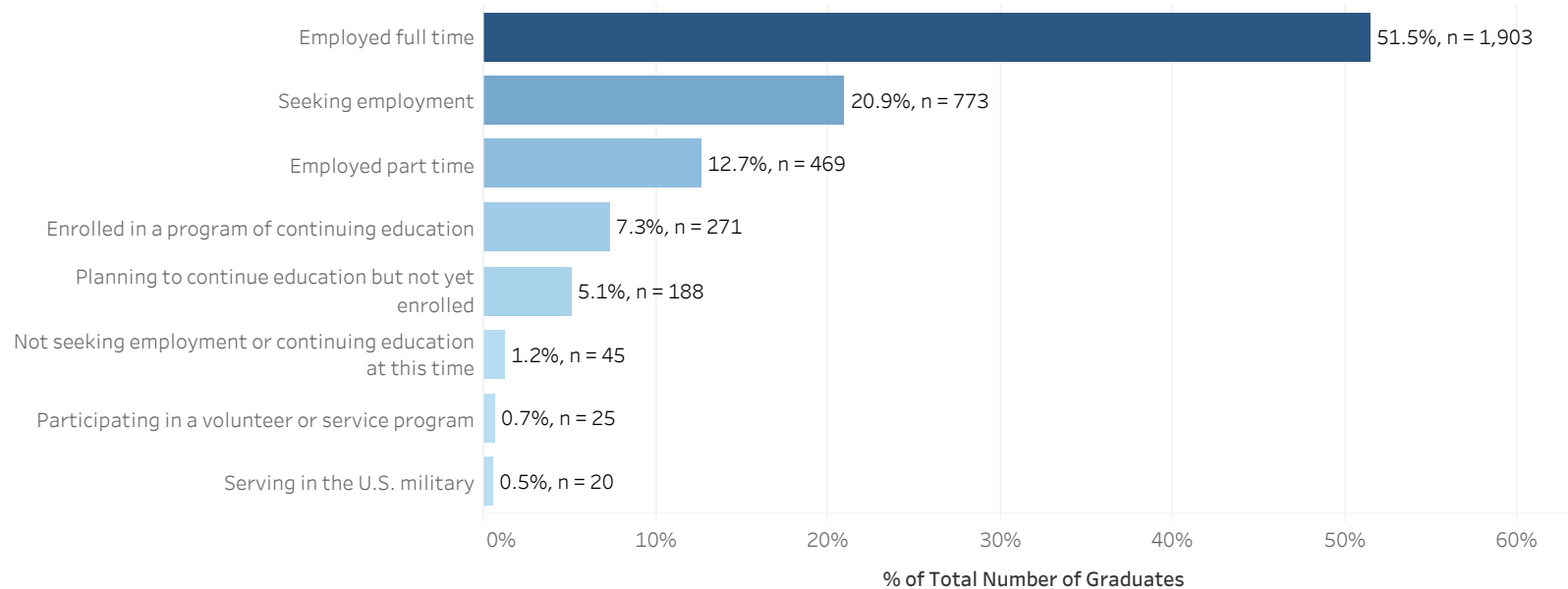


## Top 10 Majors Responding to Survey

		Number of Responses	% of Total Number of Respons..
1	Psychology	223	5.9%
2	Biology	214	5.7%
3	Criminal Justice & Criminology	205	5.5%
4	Social Work - MSW	166	4.4%
5	Management	155	4.1%
6	Accounting	145	3.9%
7	Individualized Degree Program	141	3.8%
8	Marketing	104	2.8%
9	Social Work	96	2.6%
10	History	95	2.5%

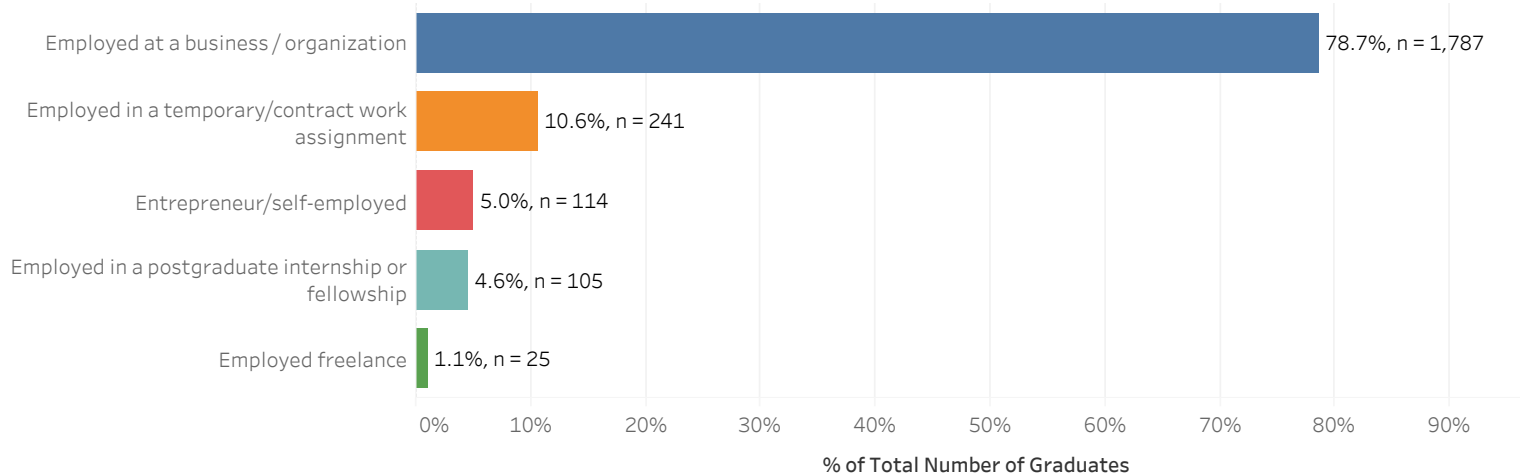
## Post-Graduation Status

### Primary Status Post-Graduation



### Employment Category

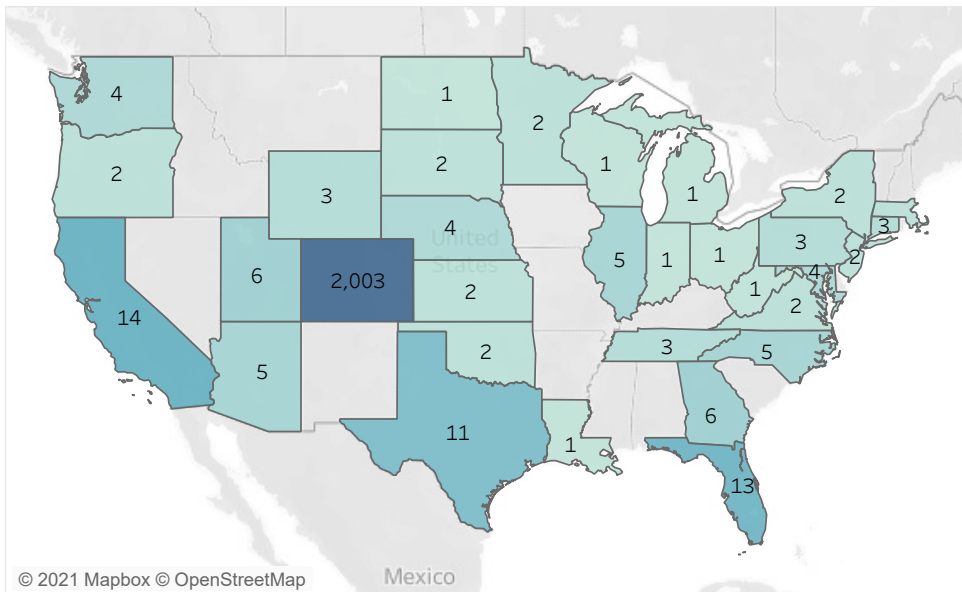
Reflects responses by those who are employed full or part-time.



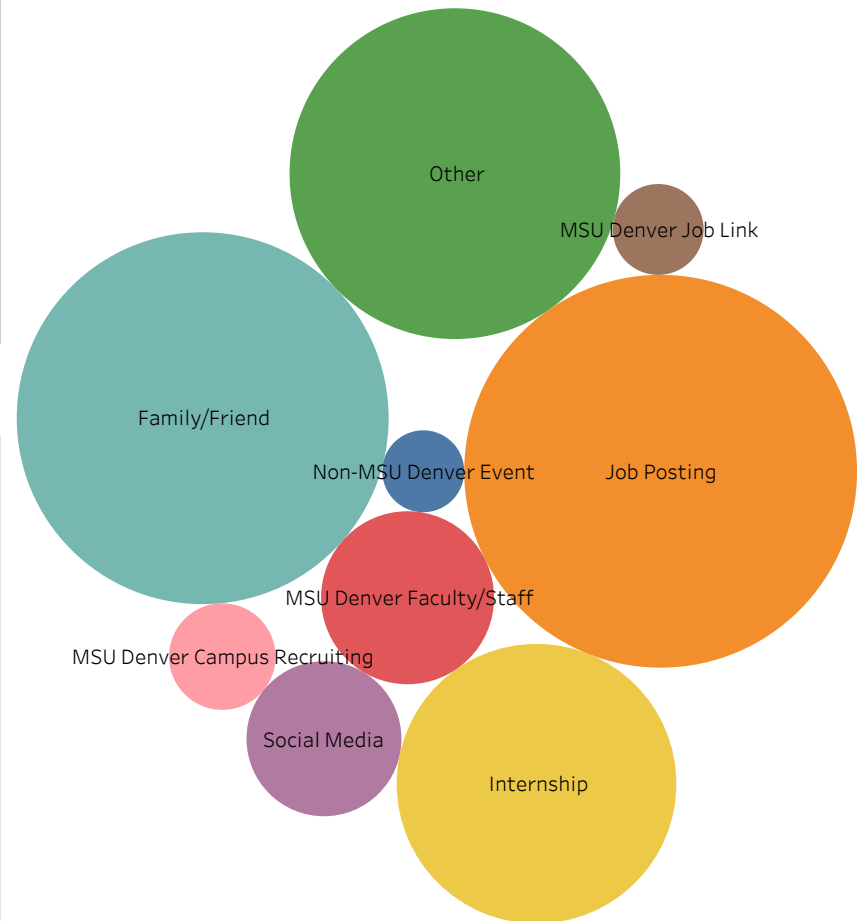
## Overall Employment Summary

## Top 10 States of Employment

		Number of Responses	% of Total Number of Respons..
1	Colorado	2,003	94.5%
2	California	14	0.7%
3	Florida	13	0.6%
4	Texas	11	0.5%
5	Georgia	6	0.3%
6	Utah	6	0.3%
7	Arizona	5	0.2%
8	Illinois	5	0.2%
9	North Carolina	5	0.2%
10	Maryland	4	0.2%



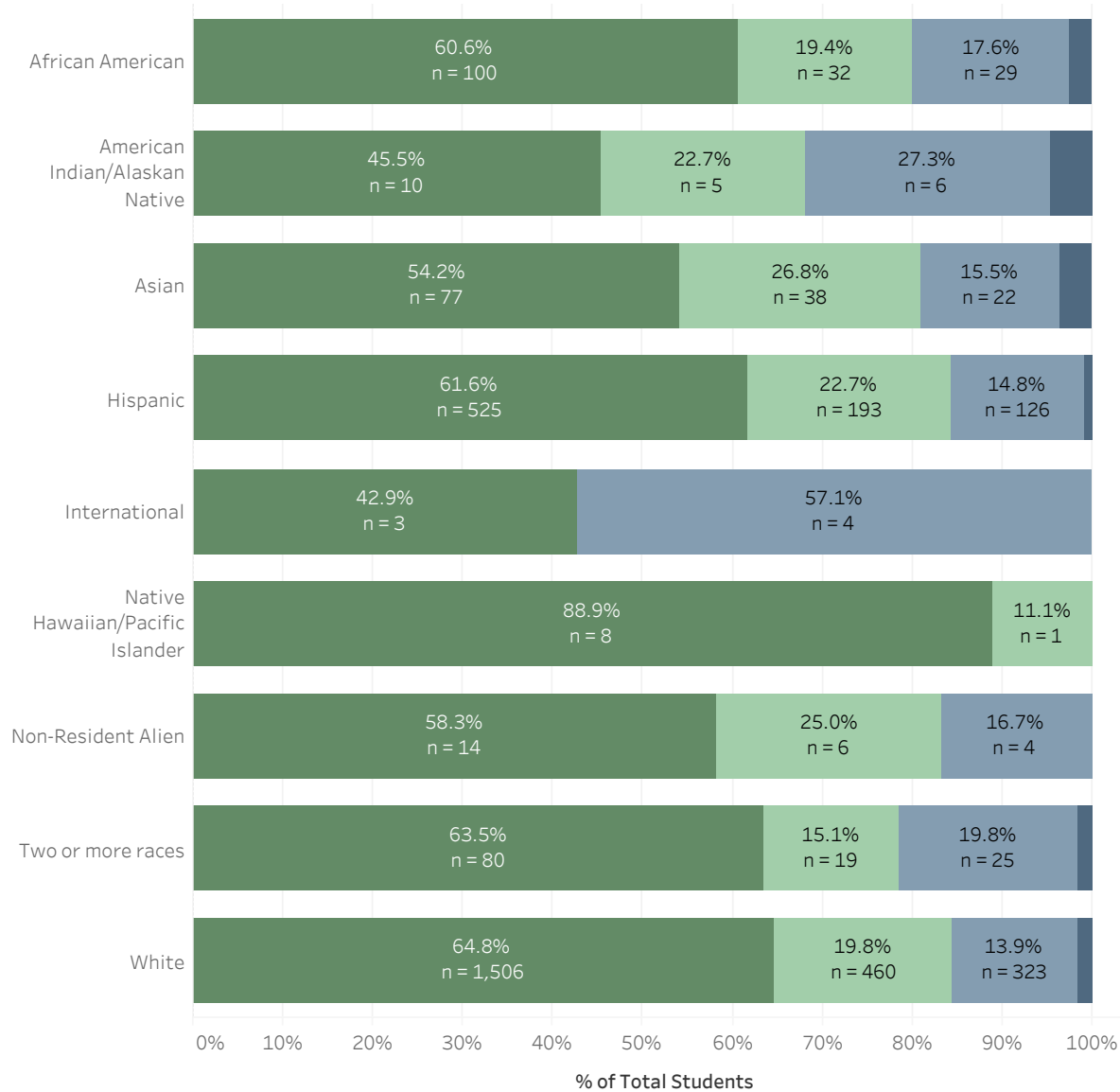
## Primary Activity Leading to Employment



## Employment

Category suppressed if total sample size is less than 5.

### Primary Employment Status Post-Graduation by Race/Ethnicity



### Categorization Notes

Here and throughout the remainder of this report, "Primary Employment Status" follows the grouped logic below. "Detailed Employment Status" visualizations provide all categories (ungrouped).

#### Employed includes:

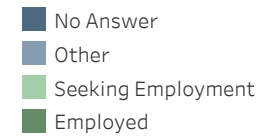
- Employed full time (on average 30 hours or more per week)
- Employed part time (on average less than 30 hours per week)

#### Seeking employment includes:

- Seeking employment

#### Other includes:

- Participating in a volunteer or service program
- Serving in the U.S. military
- Enrolled in a program of continuing education
- Planning to continue education but not yet enrolled
- Not seeking employment or continuing education at this time

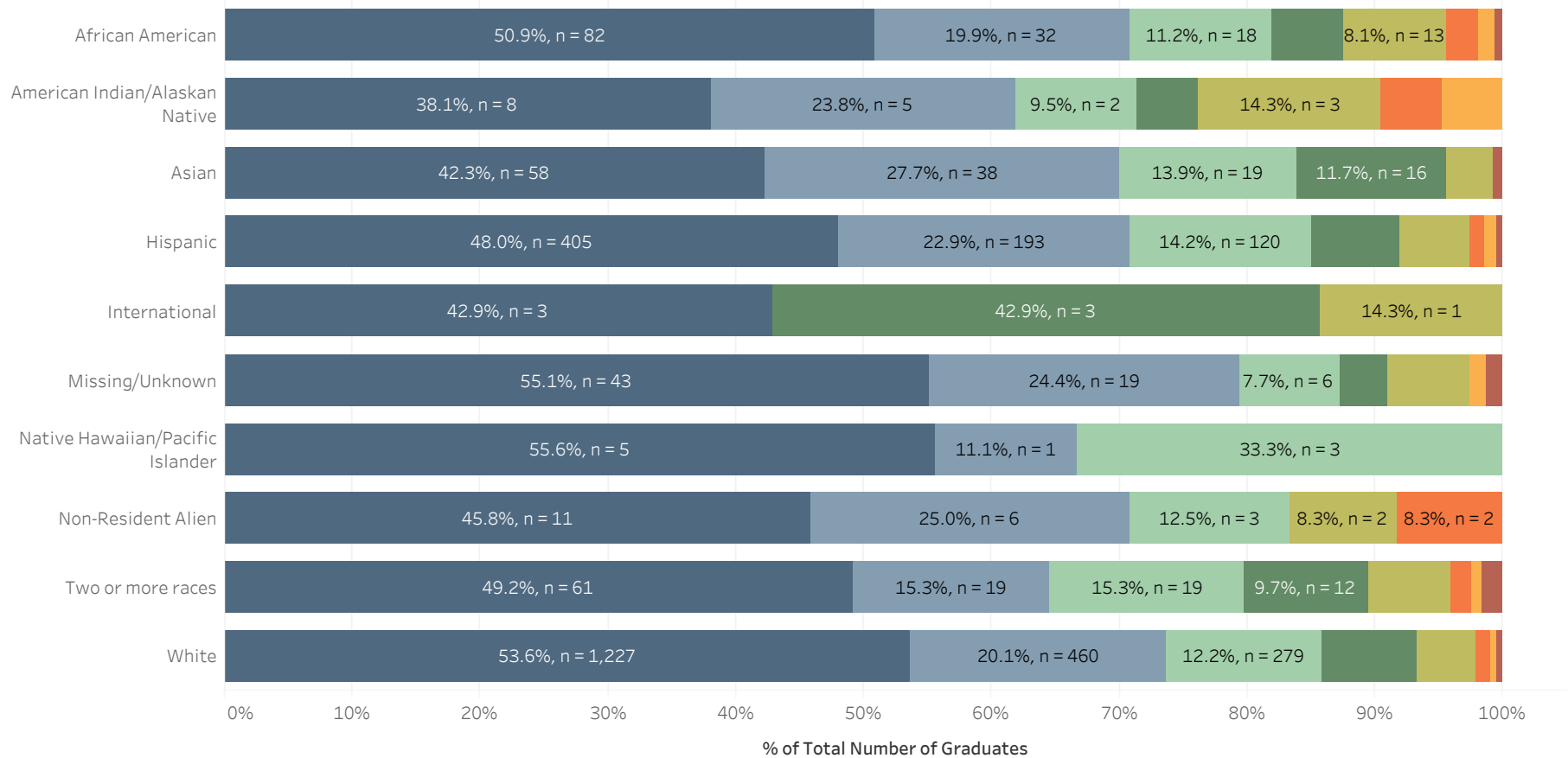




## Employment

Category suppressed if total sample size is less than 5.

Detailed Employment Status Post-Graduation by Race/Ethnicity



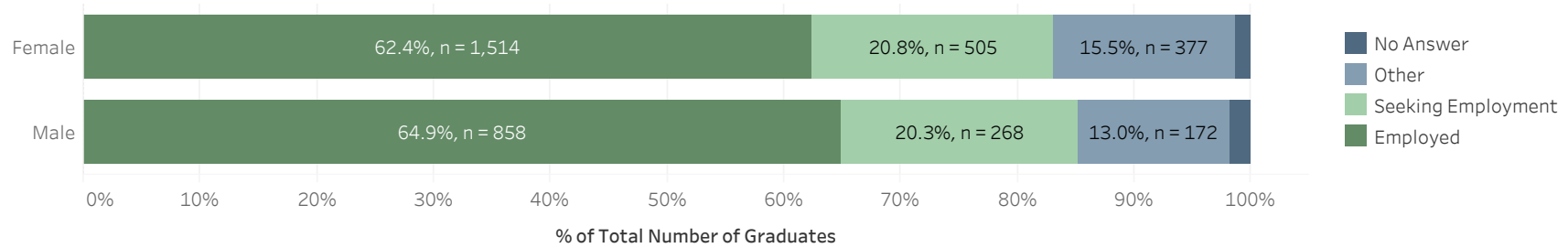
- Employed full time
- Seeking employment
- Employed part time
- Enrolled in a program of continuing education
- Planning to continue education but not yet enrolled
- Not seeking employment or continuing education at this time
- Participating in a volunteer or service program
- Serving in the U.S. military

See Appendix I for race/ethnicity proportions for each category of employment status.

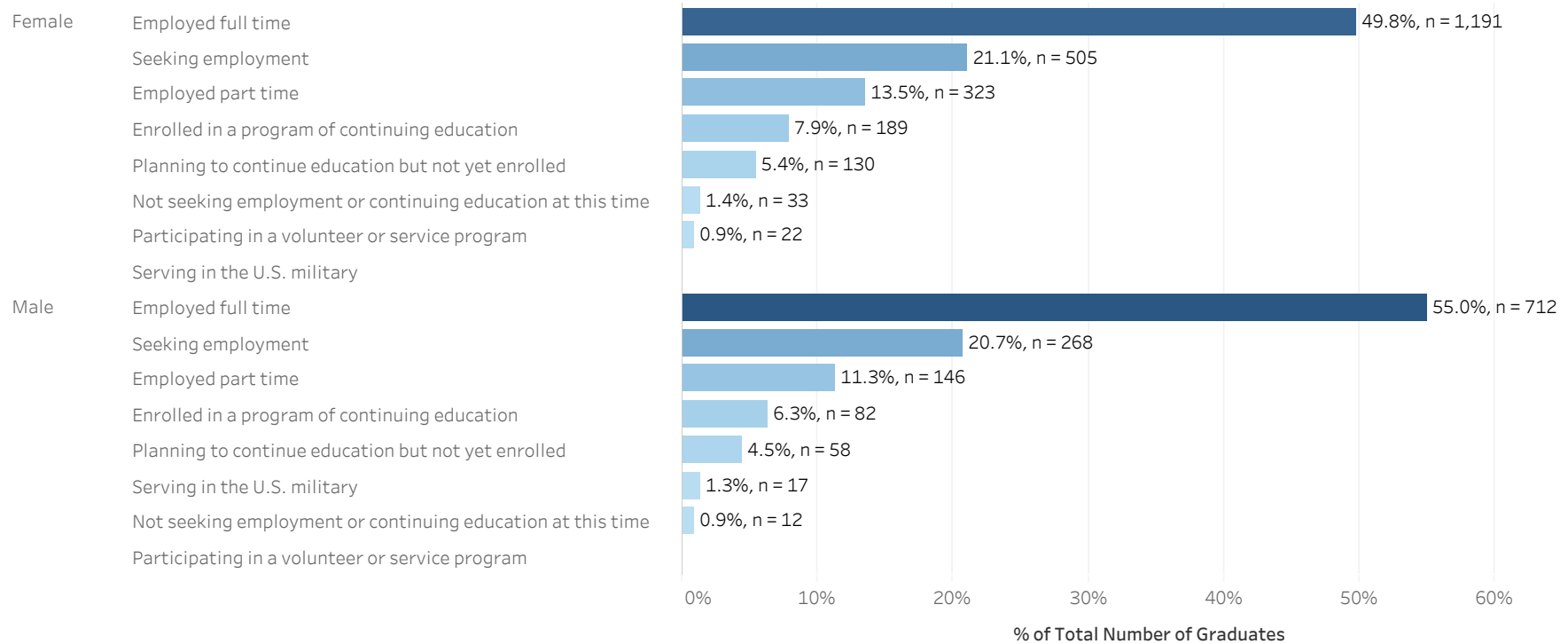
## Employment

Category suppressed if total sample size is less than 5.

### Primary Employment Status Post-Graduation by Sex



### Detailed Employment Status Post-Graduation by Sex

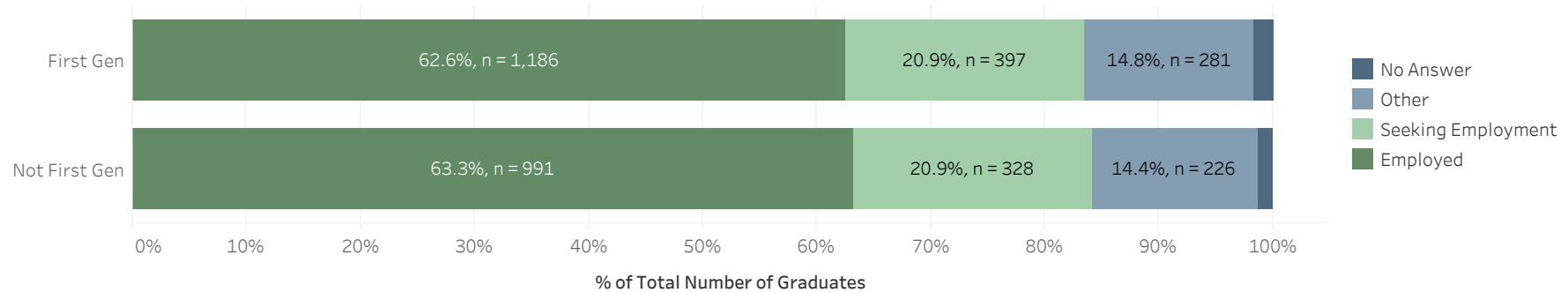


See Appendix II for proportions by sex for each category of employment status.

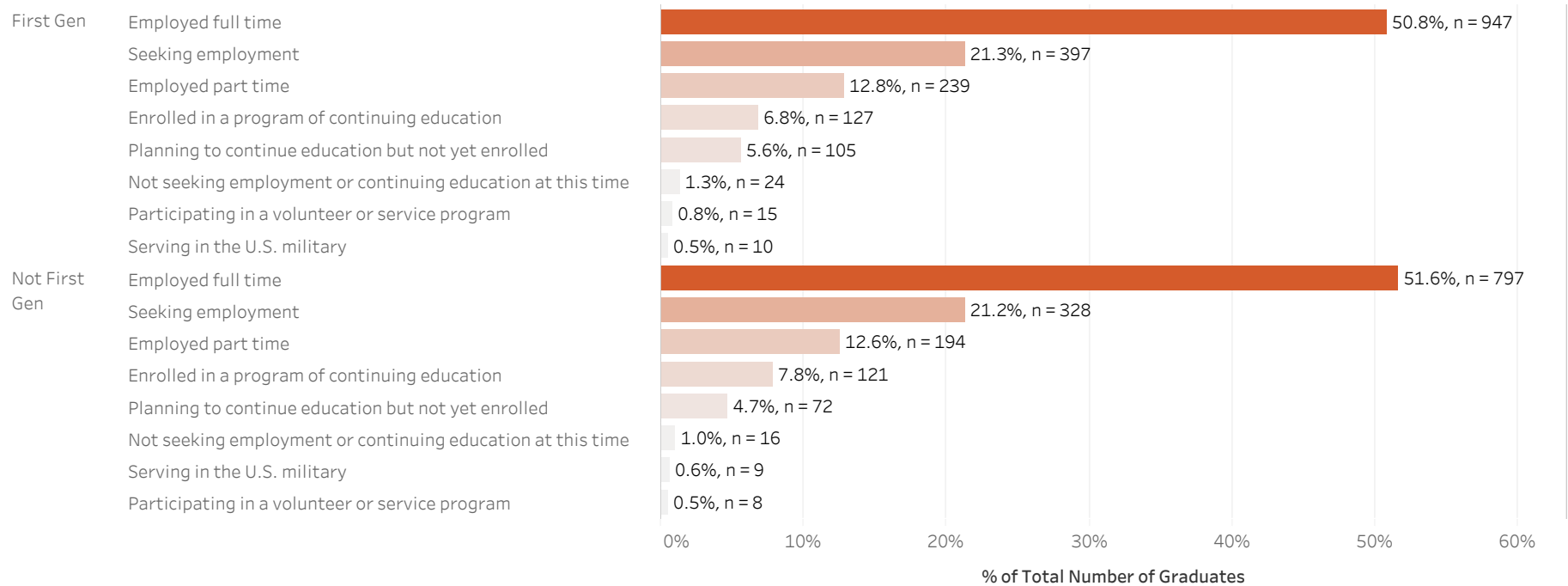
## Employment

Category suppressed if total sample size is less than 5.

### Primary Employment Status Post-Graduation by First-Gen Status



### Detailed Employment Status Post-Graduation by First-Gen Status



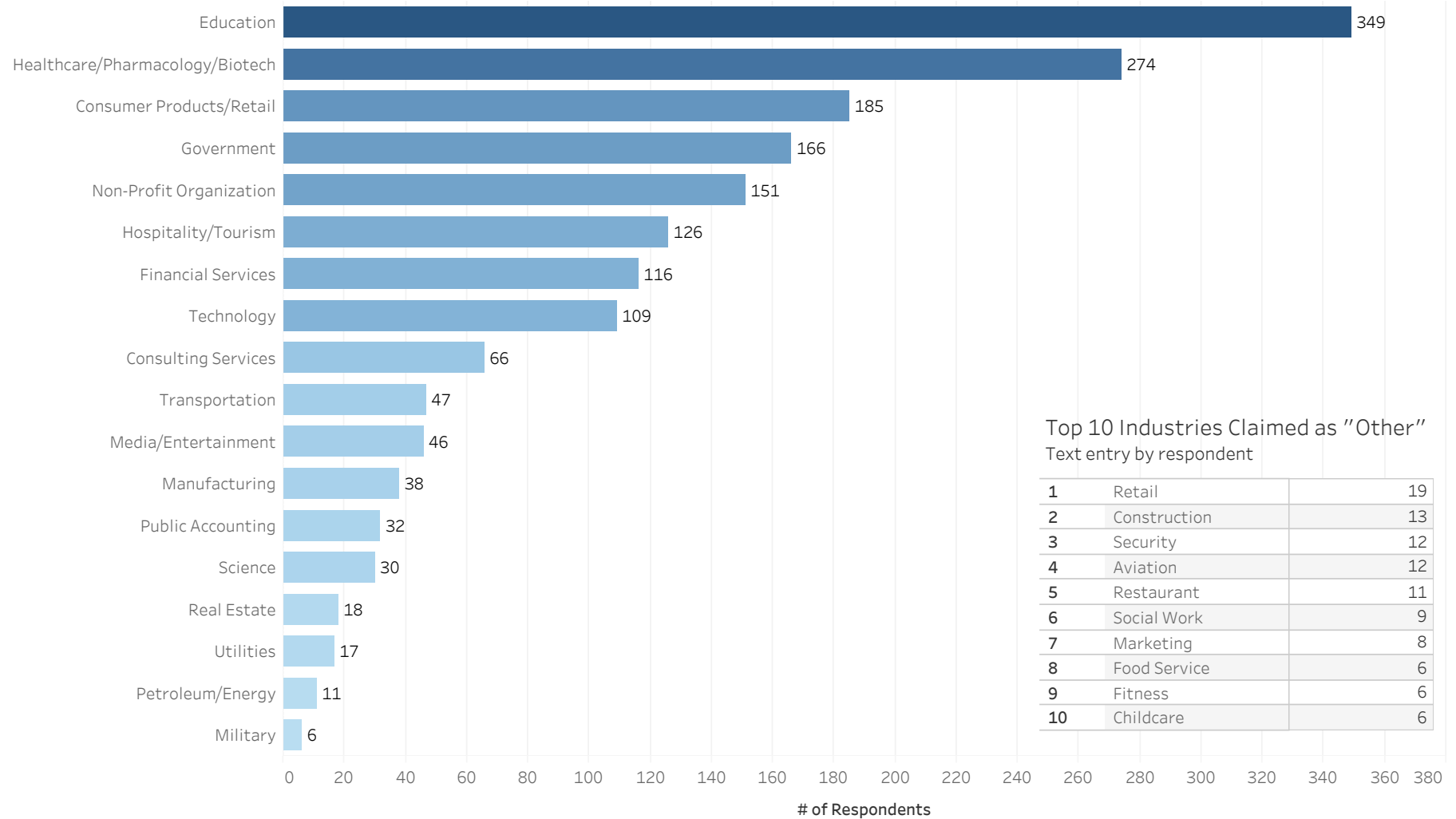
See Appendix III for proportions by first-gen status for each category of employment status.

# Overall Employment Summary

Part II

## Employer by Industry

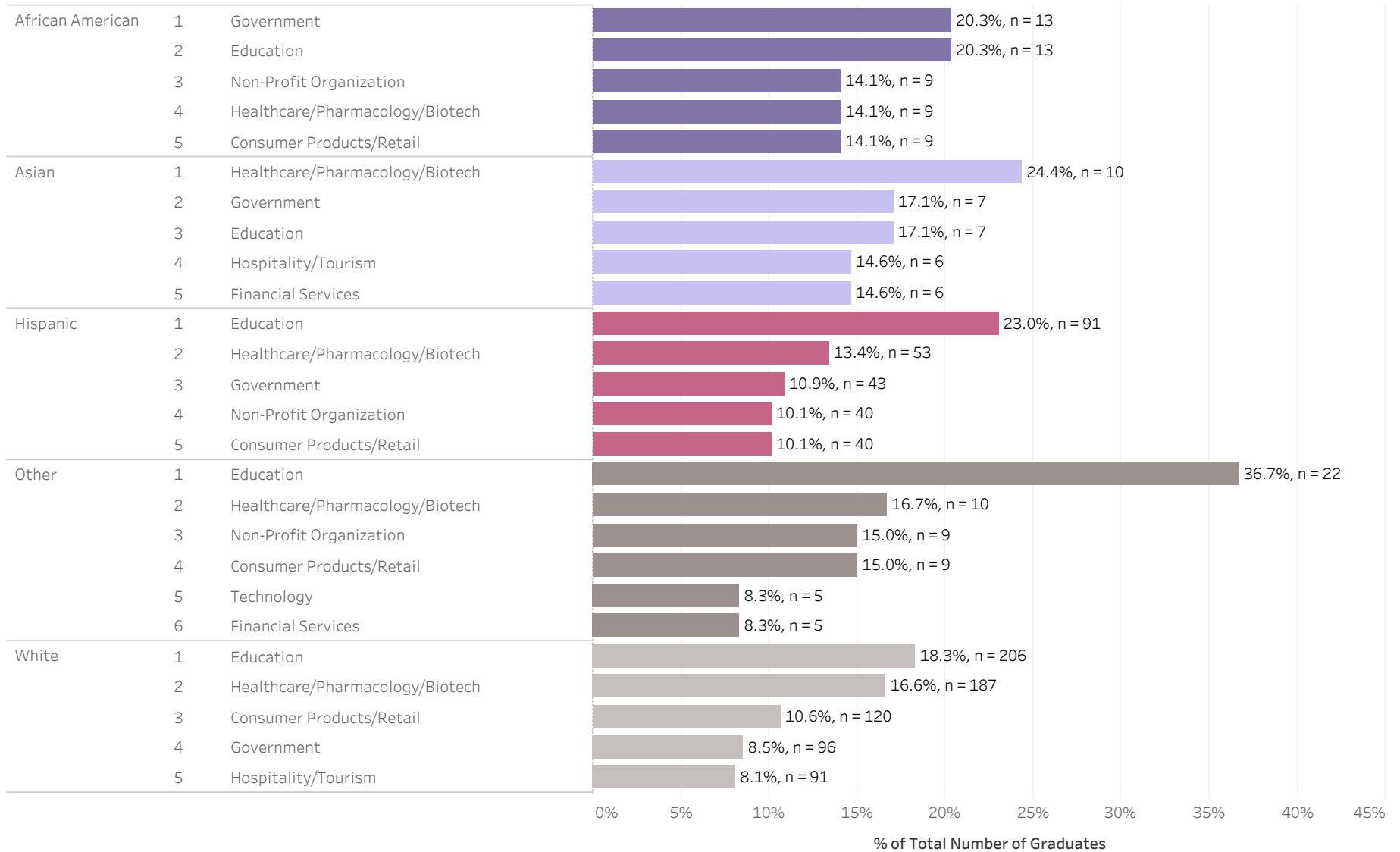
Category suppressed if total sample size is less than 5.



Please contact the BI Unit for further information regarding employers, if needed.

## Top 5 Claimed Employment Industries by Respondents by Race/Ethnicity

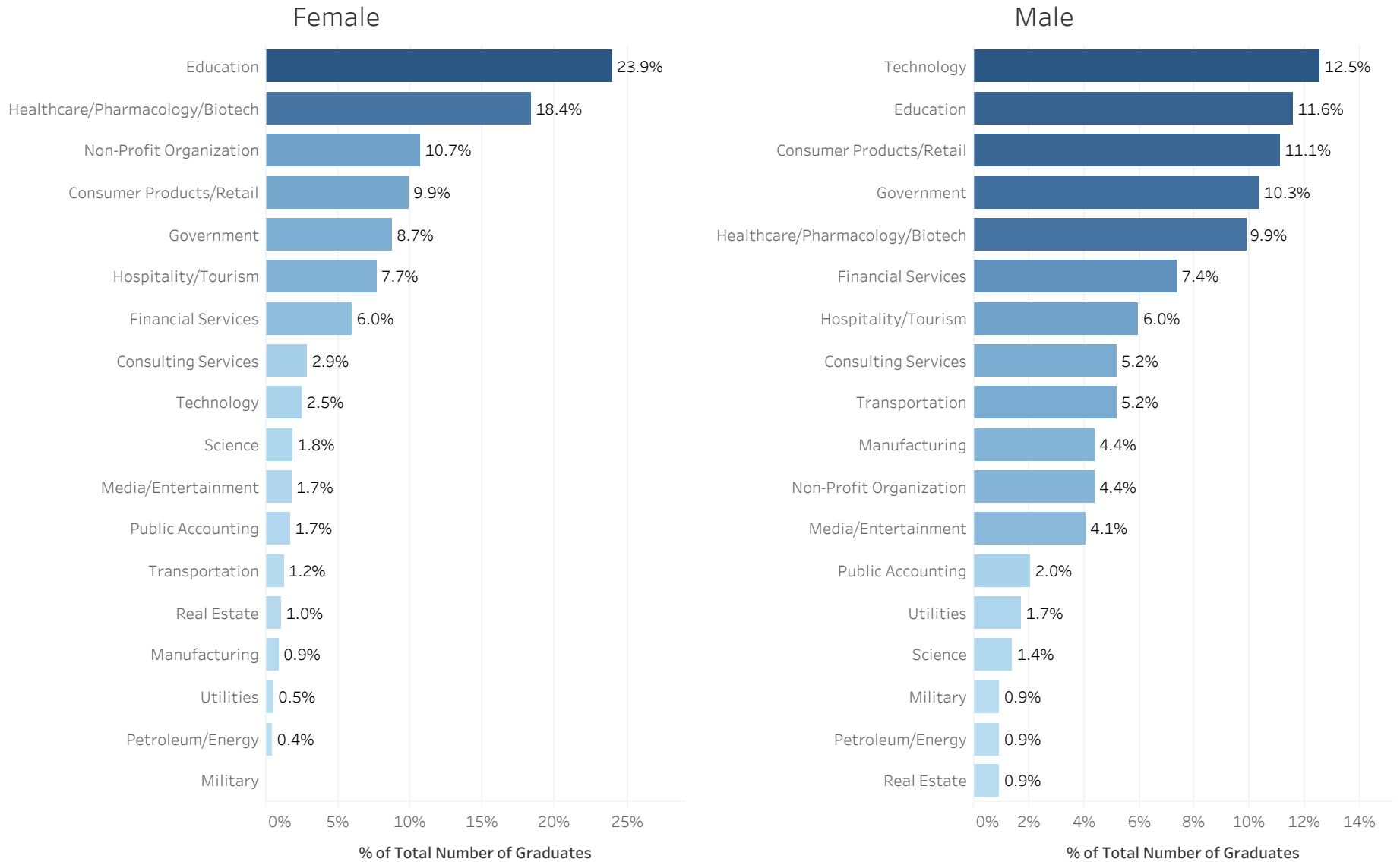
Category suppressed if total sample size is less than 5.



See Appendix IV for race/ethnicity proportions for all industries available for selection within survey.

## Employment Industries Claimed by Respondents by Sex

Category suppressed if total sample size is less than 5.



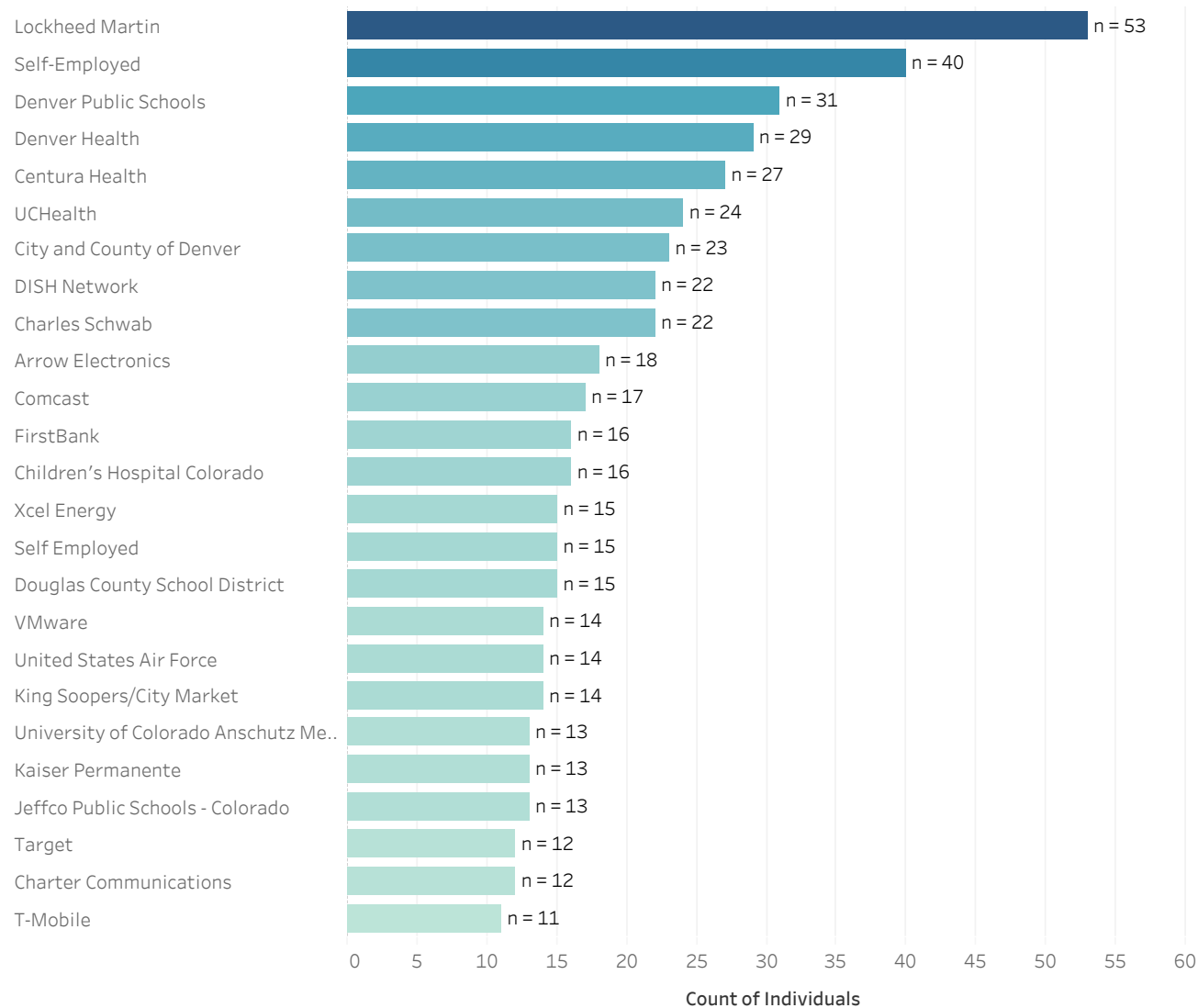
See Appendix V for proportions by sex of respondent for all industries available for selection within survey.

## LinkedIn Data

Data pulled from LiveAlumni using the "Primary Employment" report on 05/17/2021, and is limited to graduates between 2017 and 2020.

### Top Employers of Graduates

Excludes employment at MSU Denver.



### Filtering by Majors

Use the search box below to filter data. For example, if you are interested in the top employers of History majors, type "history" in the box. The corresponding list below will show the associated majors listed on individual's LinkedIn profiles, and filter the employers on the left accordingly. Note that these majors are self-reported, and may not be accurate.

Search by Major

All

### Majors from LinkedIn Profiles

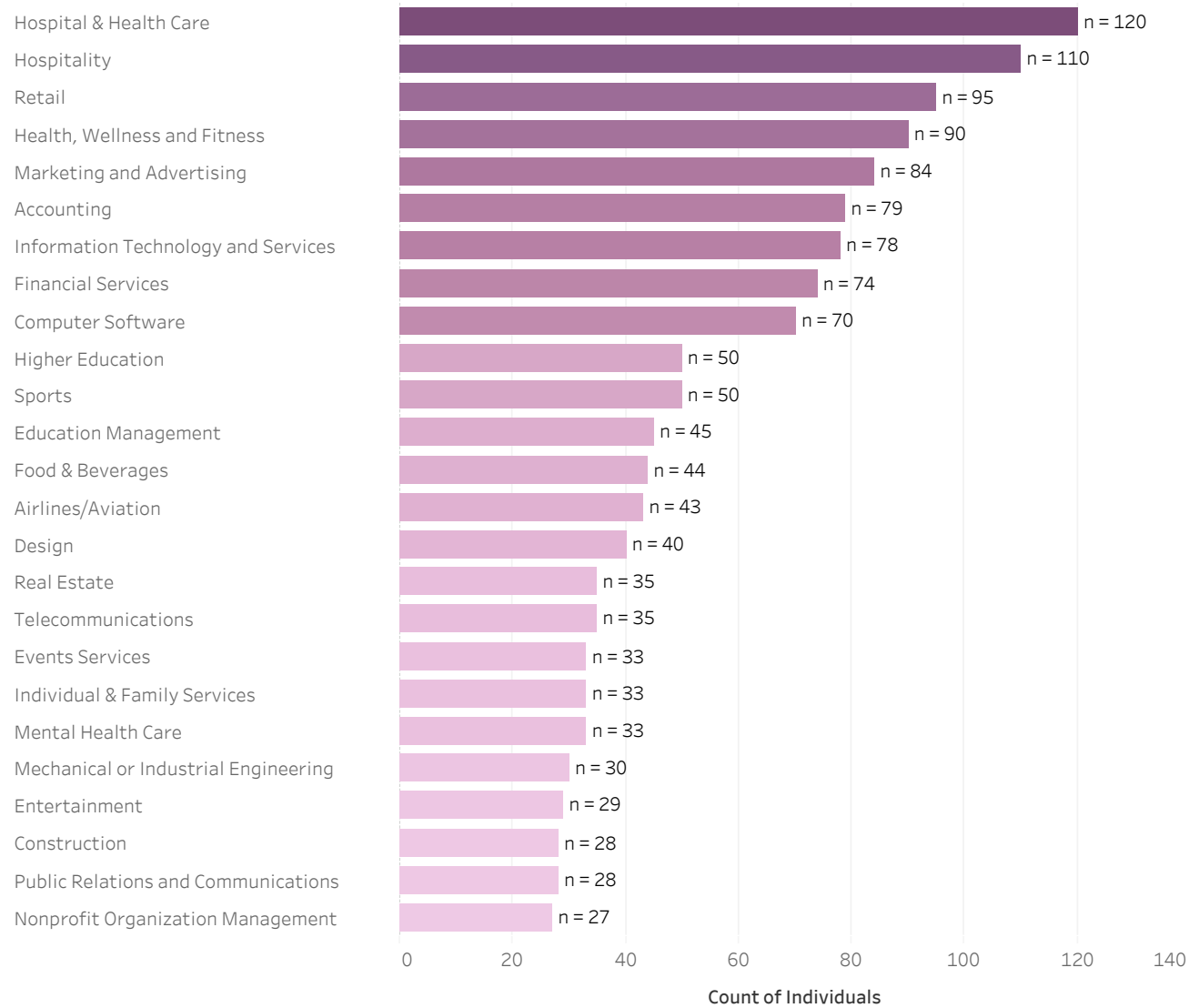
None Listed	1,214
Marketing	182
Computer Science	161
Accounting	159
Social Work	155
Psychology	116
Business Administration and Managem..	116
Finance, General	77
Health/Health Care Administration/Ma..	71
Aeronautics/Aviation/Aerospace Scienc..	71
Biology, General	69
Registered Nursing/Registered Nurse	56
Business, Management, Marketing, an..	52
Hospitality Administration/Manageme..	42
Meeting and Event Planning	41
Industrial and Product Design	41
Human Nutrition	41
Business Management	41
Computer Information Systems	40
Mechanical Engineering	39

## LinkedIn Data

Data pulled from LiveAlumni using the "Primary Employment" report on 05/17/2021, and is limited to graduates between 2017 and 2020.  
The "major" filter on the previous dashboard impacts these visualizations as well.

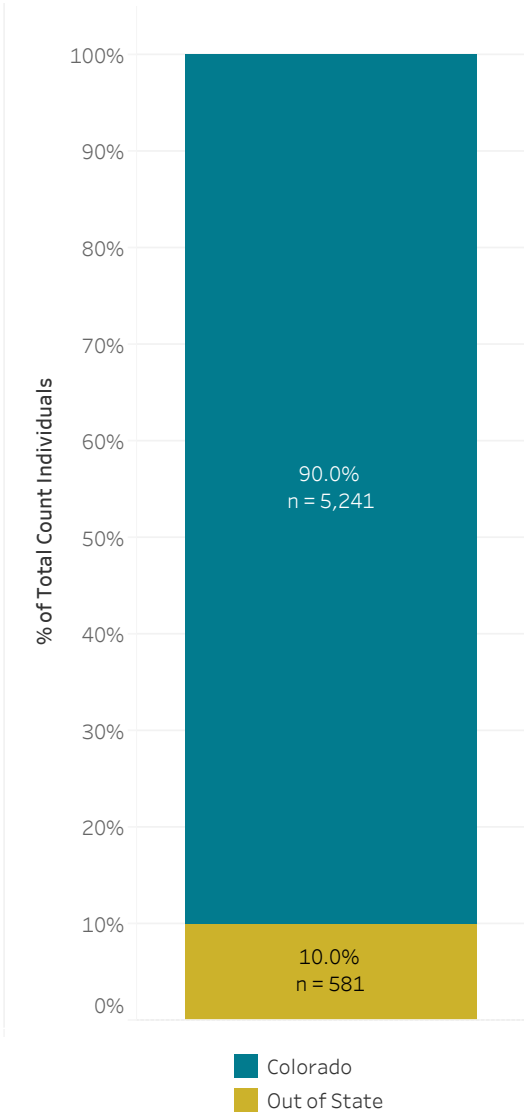
### Top Industries of Graduates

Excludes employment at MSU Denver.



### State of Employment

Excludes employment at MSU Denver.

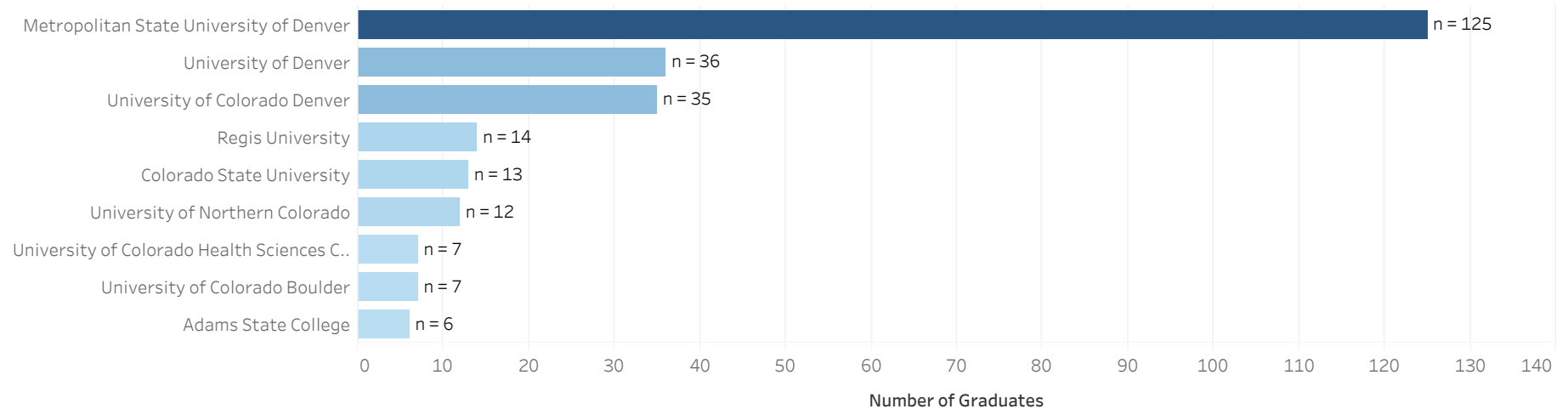




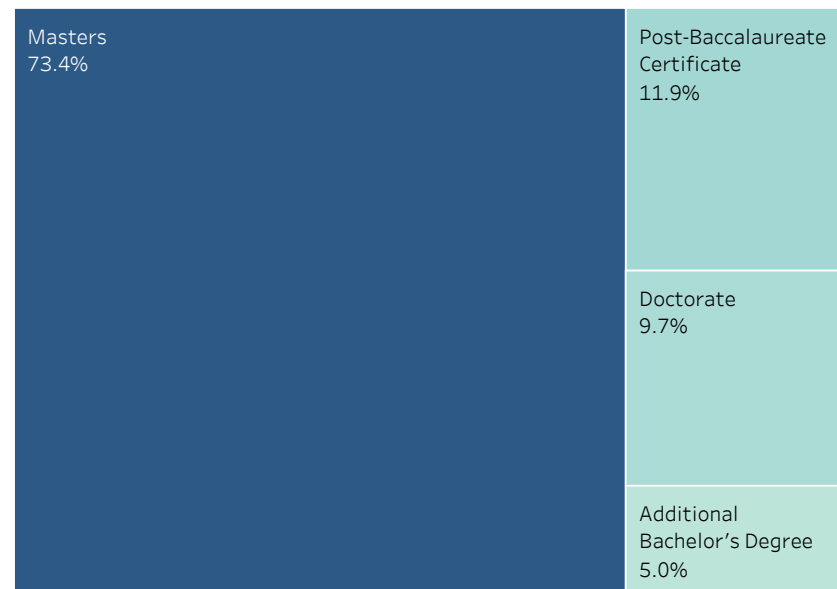
## Graduates Enrolled in a Program of Continuing Education

### Top 10 Institutions Graduates Named as "Next Institution"

Limited to institutions with at least 5 responses.



### What Degree Will You Be Pursuing?



### Which of the following best describes your program area for this next degree? (Top 10)

Social Sciences	53
Health Professions and Related Programs	41
Business, Management, Marketing, and Related Support Services	33
Education	25
Psychology	18
Public Administration and Social Service Professions	15
Health Sciences	13
Education/Counseling	10
Arts/Communication/Humanities	7
Business/Economics	7

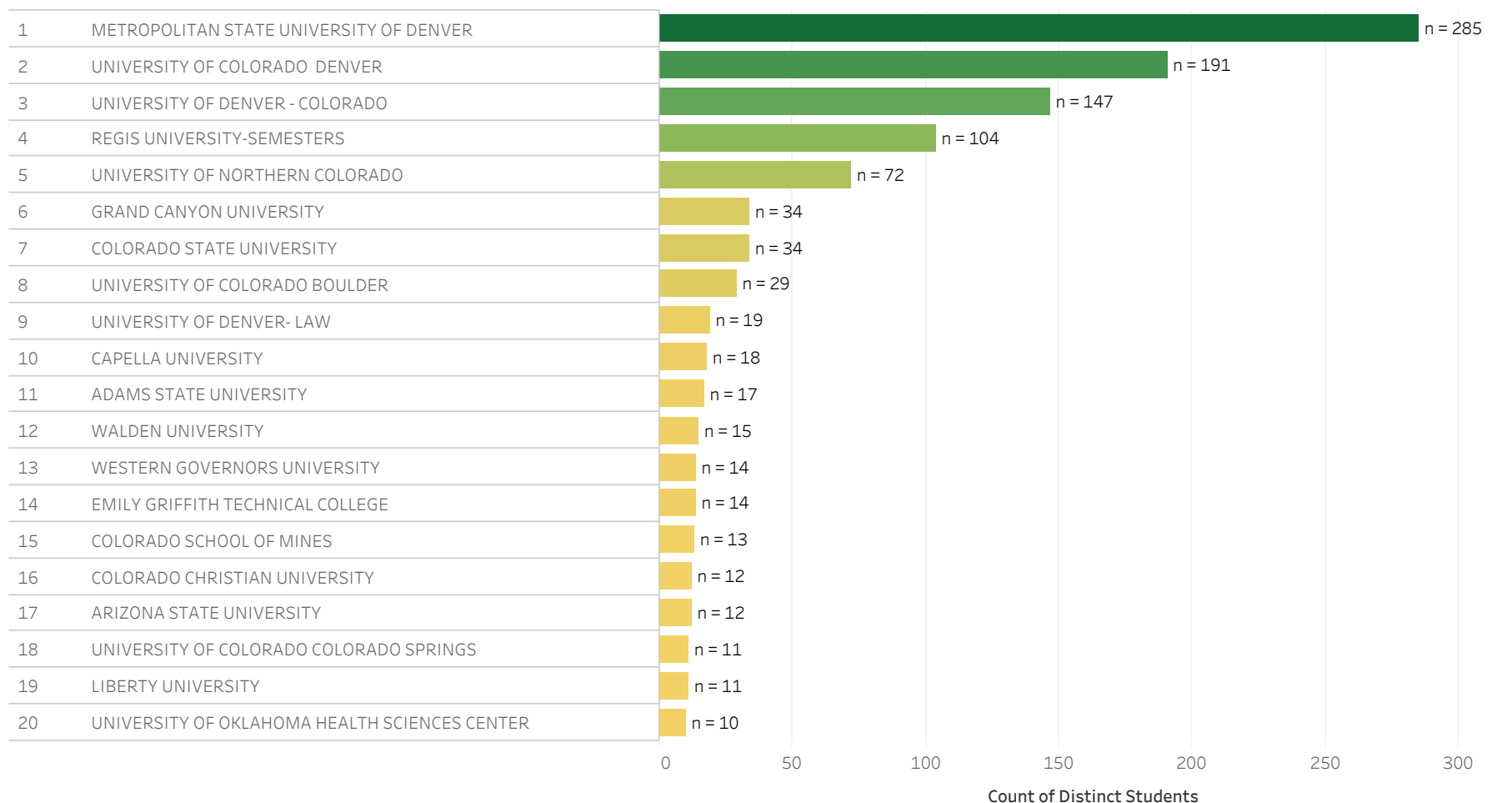
## Graduates Enrolled in a Program of Continuing Education

Visualization not impacted by college/departmental filter.

### Institutions of Graduate-Level Enrollment Following Graduation from MSU Denver

Graduates Between Spring 2017 and Spring 2020

National Student Clearinghouse Data, February 2021



Graduate-level enrollment includes: master's, doctoral, postdoctorate, first professional, unspecified, and post baccalaureate certificate (M, D, P, L, G, and T NSC class level codes, respectively).

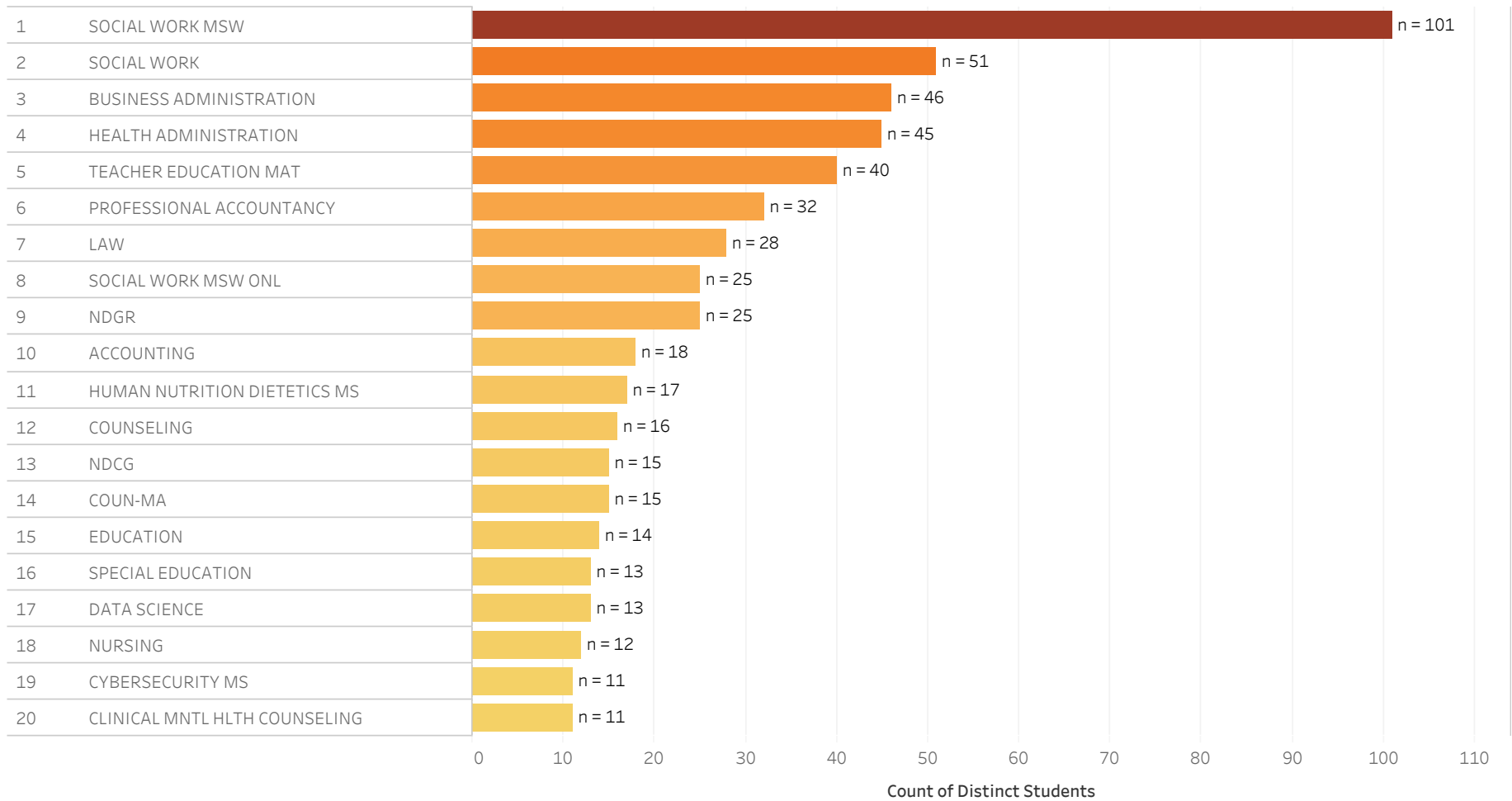
## Graduates Enrolled in a Program of Continuing Education

Visualization not impacted by college/departmental filter.

### Fields of Study of Graduate-Level Enrollment Following Graduation from MSU Denver

Graduates Between Spring 2017 and Spring 2020

National Student Clearinghouse Data, February 2021



Graduate-level enrollment includes: master's, doctoral, postdoctorate, first professional, unspecified, and post baccalaureate certificate (M, D, P, L, G, and T NSC class level codes, respectively).

## Overall Salary Summary

Categories with less than 5 total responses have been suppressed.

Expected Annual Income		First-Year Bonus		Expected Hourly Wage	
Number of Salary Responses	1,611	Number of Bonus Responses	137	Number of Hourly Wage Responses	359
Average expected annual income	\$42,553	Average first-year bonus	\$6,108	Average hourly wage	\$15.97
Median expected annual income	\$40,000	Median first-year bonus	\$2,750	Median hourly wage	\$14.00

### Income by Industry

	Number of Responses	Number of Salary Responses	Average expected annual income	Median expected annual income
Consulting Services	66	51	\$51,171	\$46,072
Consumer Products/Retail	185	102	\$32,432	\$30,000
Education	349	240	\$37,640	\$39,510
Financial Services	116	96	\$48,933	\$47,250
Government	166	135	\$47,735	\$46,800
Healthcare/Pharmacology/Biotech	274	197	\$45,224	\$42,000
Hospitality/Tourism	126	89	\$33,179	\$33,000
Manufacturing	38	34	\$50,936	\$50,000
Media/Entertainment	46	29	\$37,828	\$33,500
Military	6	5	\$55,600	\$55,000
Non-Profit Organization	151	106	\$37,231	\$38,000
Other (Please Specify)	463	312	\$39,910	\$36,500
Petroleum/Energy	11	11	\$50,391	\$51,000
Public Accounting	32	29	\$49,376	\$54,000
Real Estate	18	15	\$59,467	\$55,000
Science	30	22	\$40,164	\$40,000
Technology	109	88	\$57,636	\$55,000
Transportation	47	36	\$44,951	\$40,000
Utilities	17	14	\$45,771	\$44,500

# Salary Summary by Race/Ethnicity

Categories with less than 5 total responses have been suppressed.

## Annual Income by Race/Ethnicity

	Number of Salary Responses	Average expected annual income	Median expected annual income
African American	69	\$41,886	\$40,000
American Indian/Alaskan Native	8	\$37,000	\$37,000
Asian	50	\$45,754	\$45,000
Hispanic	342	\$42,119	\$40,000
International			
Missing/Unknown	35	\$41,819	\$42,000
Native Hawaiian/Pacific Islander	5	\$49,980	\$39,900
Non-Resident Alien	8	\$30,825	\$32,500
Two or more races	48	\$39,683	\$48,600
White	1,041	\$42,829	\$40,000

## First Year Bonus by Race/Ethnicity

	Number of Bonus Responses	Average first-year bonus	Median first-year bonus
African American	8	\$8,388	\$3,750
American Indian/Alaskan Native			
Asian	6	\$2,708	\$1,875
Hispanic	30	\$3,567	\$2,000
International			
Missing/Unknown			
Native Hawaiian/Pacific Islander			
Non-Resident Alien			
Two or more races	6	\$10,207	\$8,350
White	82	\$6,803	\$3,000

## Hourly Wage by Race/Ethnicity

	Number of Hourly Wage Responses	Average hourly wage	Median hourly wage
African American	14	\$13.38	\$13.50
American Indian/Alaskan Native			
Asian	13	\$15.71	\$15.00
Hispanic	90	\$15.73	\$14.25
International			
Missing/Unknown	5	\$18.10	\$11.00
Native Hawaiian/Pacific Islander			
Non-Resident Alien			
Two or more races	11	\$20.22	\$18.00
White	220	\$16.02	\$14.00

## Salary Summary by Sex and by First-Gen Status

Categories with less than 5 total responses have been suppressed.

### Income by Sex

	Female	Male
Number of Salary Responses	809	461
Average expected annual income	\$40,628	\$47,777
Median expected annual income	\$40,000	\$45,000

### Income by First-Gen Status

	First Gen	Not First Gen
Number of Salary Responses	651	526
Average expected annual income	\$42,692	\$42,900
Median expected annual income	\$40,000	\$40,000

### First Year Bonus by Sex

	Female	Male
Number of Bonus Responses	73	64
Average first-year bonus	\$5,684	\$6,592
Median first-year bonus	\$2,000	\$3,625

### First Year Bonus by First-Gen Status

	First Gen	Not First Gen
Number of Bonus Responses	70	57
Average first-year bonus	\$4,331	\$8,050
Median first-year bonus	\$1,500	\$4,000

### Hourly Wage by Sex

	Female	Male
Number of Hourly Wage Responses	247	112
Average hourly wage	\$15.92	\$16.09
Median hourly wage	\$14.00	\$14.20

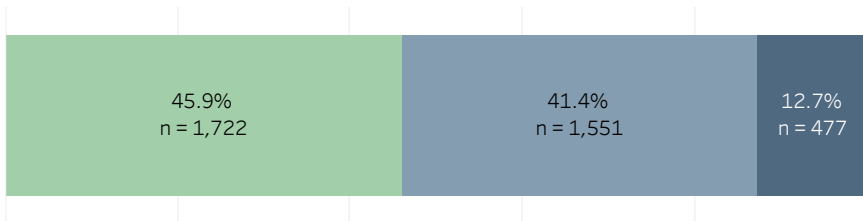
### Hourly Wage by First-Gen Status

	First Gen	Not First Gen
Number of Hourly Wage Responses	179	154
Average hourly wage	\$15.75	\$16.15
Median hourly wage	\$14.47	\$14.00

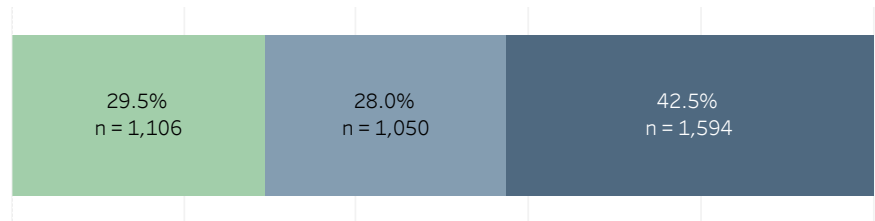
## Participation Across Activities

Yes  
No  
Did not respond

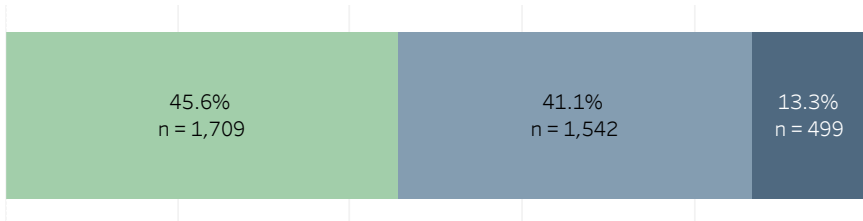
Honors Program



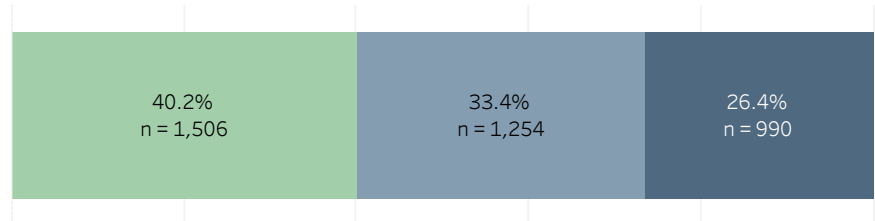
Internship



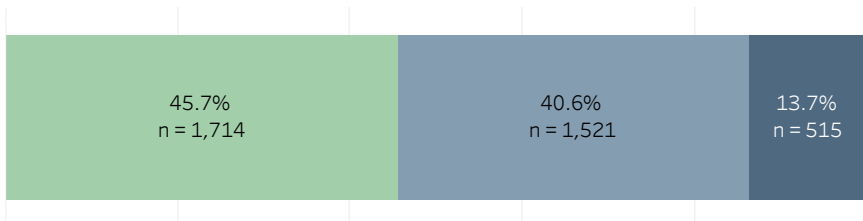
Service Learning



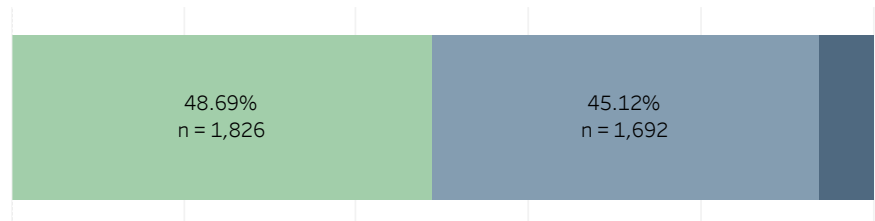
Student Organization



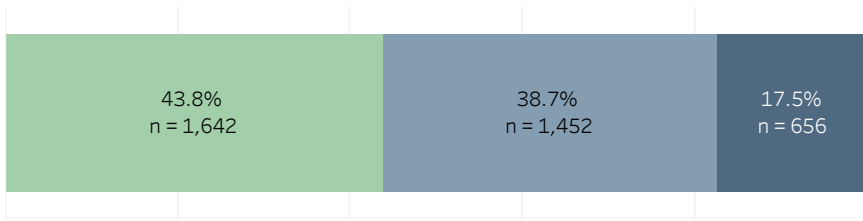
Student Teaching



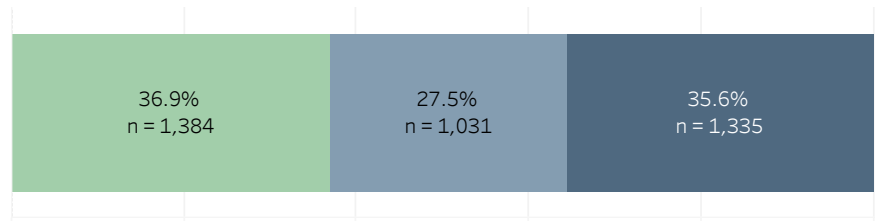
Study Abroad



Undergraduate Research



Volunteering



0% 20% 40% 60% 80% 100%

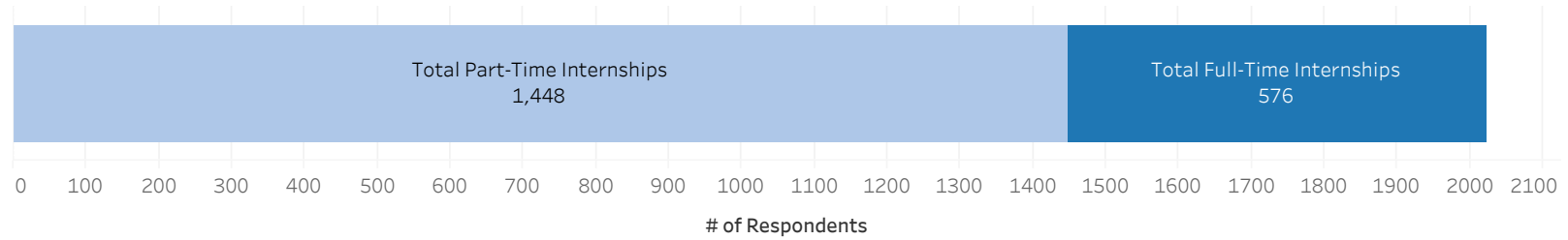
% of Total Number of Graduates

0% 20% 40% 60% 80% 100%

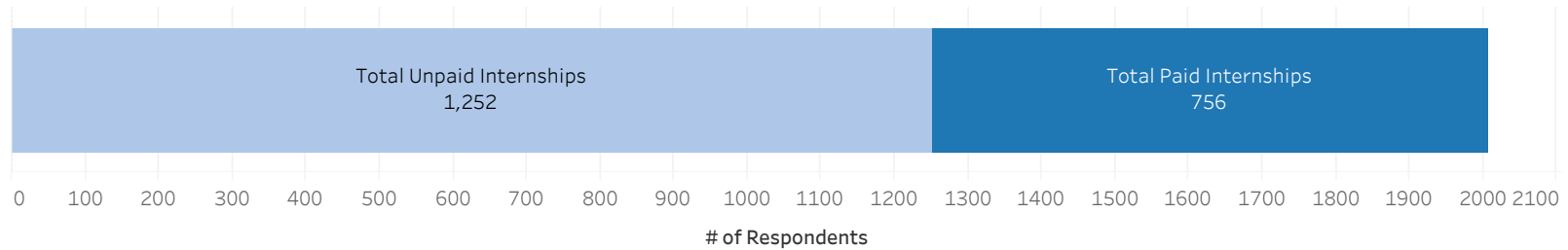
% of Total Number of Graduates

## Internships Summary

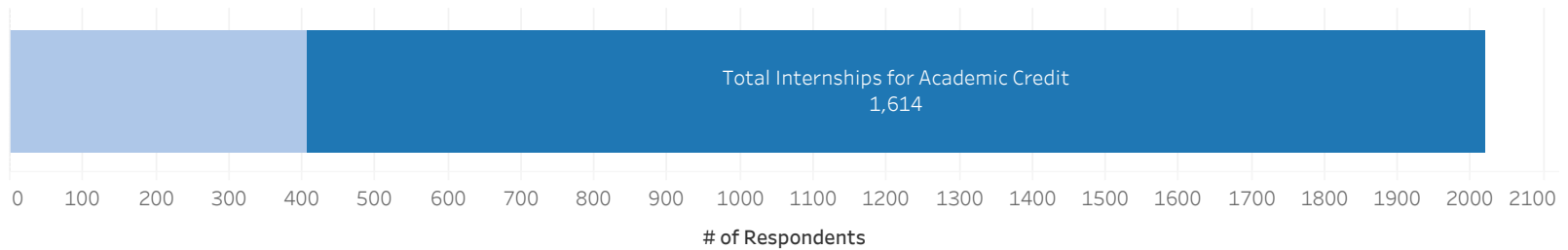
### Full vs. Part Time Internships



### Paid vs. Unpaid Internships



### Internships for Academic Credit vs. Not for Academic Credit





# Experiential Learning Summary

## Part I

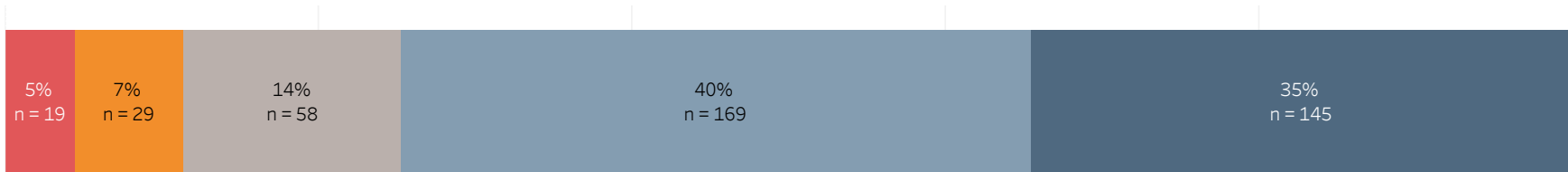
Note that the below questions were removed from the survey starting with the Fall 2019 graduating class.  
Data below reflect the graduating classes from Spring 2017 through Summer 2019.

Strongly disagree    Somewhat disagree    Neither agree nor disagree    Somewhat agree    Strongly agree

My experience with **internships** prepared me for my post-graduation plans...



My experience with **service learning** prepared me for my post-graduation plans...



My experience with **student organizations** prepared me for my post-graduation plans...



My experience with **undergraduate research** prepared me for my post-graduation plans...



# Experiential Learning Summary

## Part II

Note that the below questions were removed from the survey starting with the Fall 2019 graduating class.  
Data below reflect the graduating classes from Spring 2017 through Summer 2019.

Strongly disagree    Somewhat disagree    Neither agree nor disagree    Somewhat agree    Strongly agree

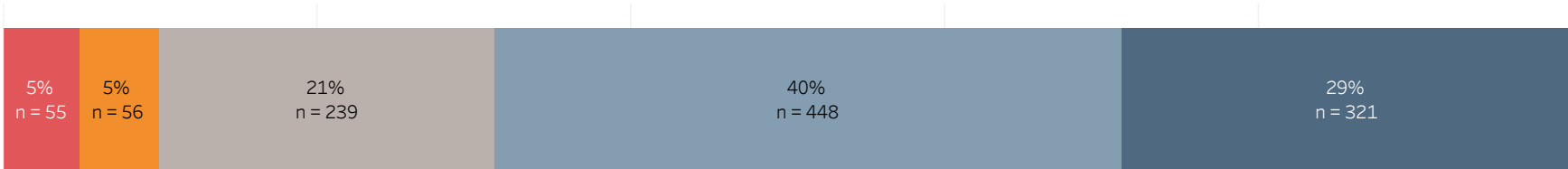
My experience with **student teaching** prepared me for my post-graduation plans...



My experience with **studying abroad** prepared me for my post-graduation plans...



My experience with **volunteering** prepared me for my post-graduation plans...



My experience with the **Honors Program** prepared me for my post-graduation plans...

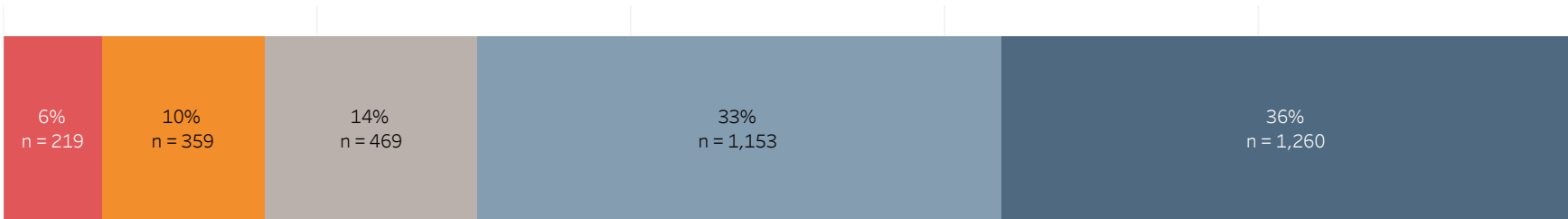


## Overall Satisfaction

The below questions include responses from all graduating classes surveyed (Spring 2017 - Summer 2020).

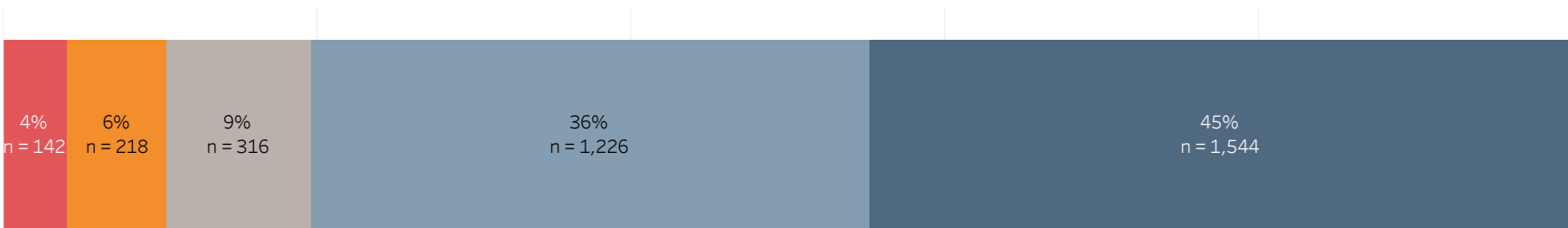
Very unsatisfied    Somewhat unsatisfied    Neither satisfied nor unsatisfied    Somewhat satisfied    Very satisfied

How satisfied are you with your post-graduation plans?

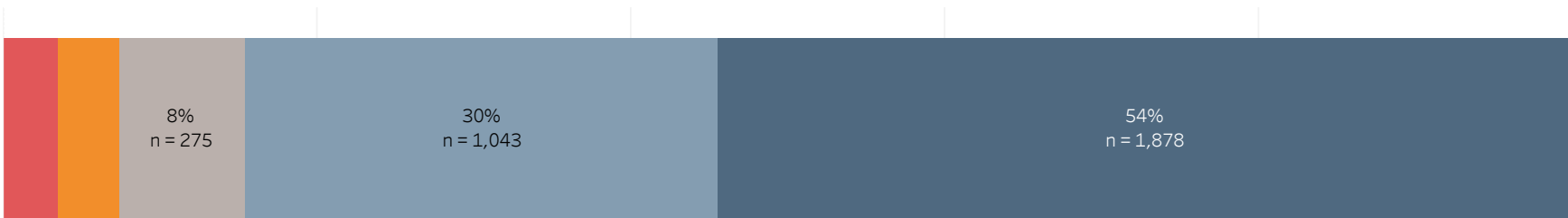


Strongly disagree    Somewhat disagree    Neither agree nor disagree    Somewhat agree    Strongly agree

My area of study has prepared me for my post-graduation plans.

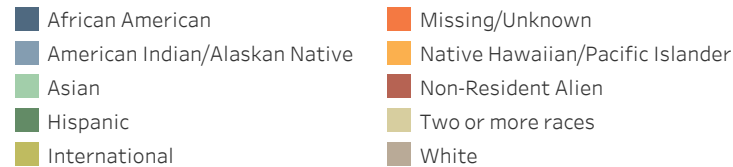
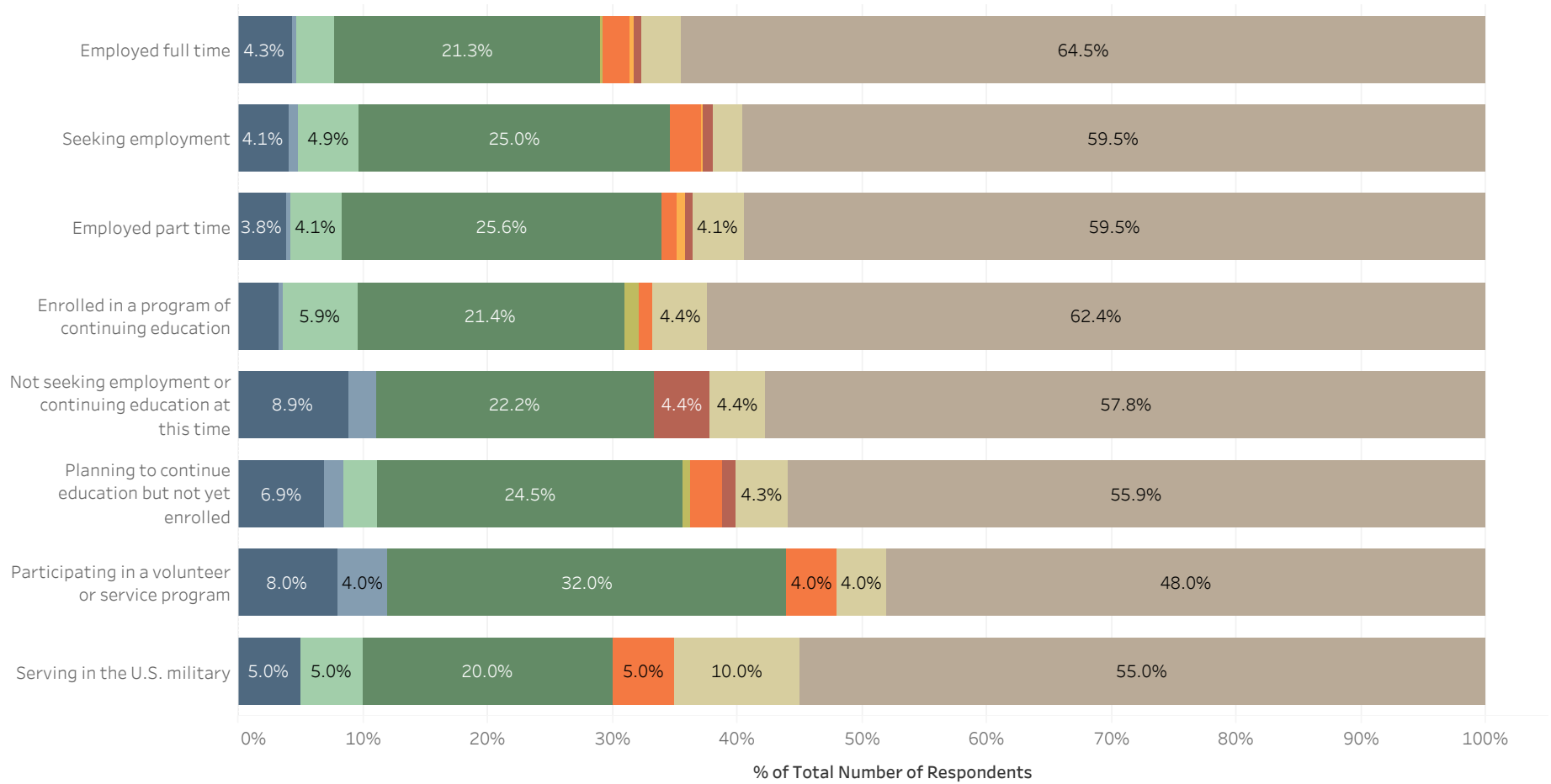


My MSU Denver education is allowing me to pursue the goals I have for myself.



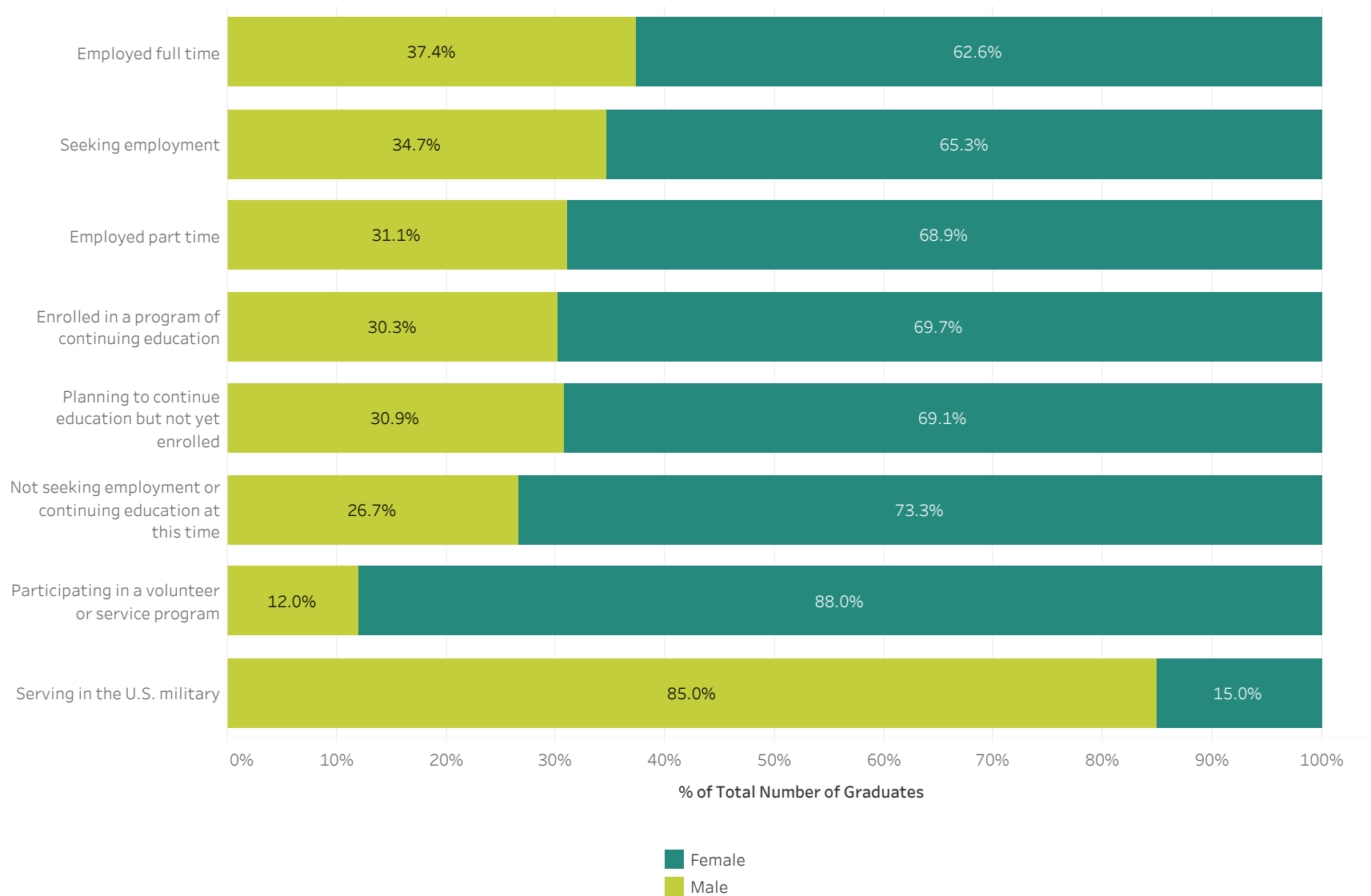
# Detailed Employment Status Post-Graduation by Race/Ethnicity

Appendix I



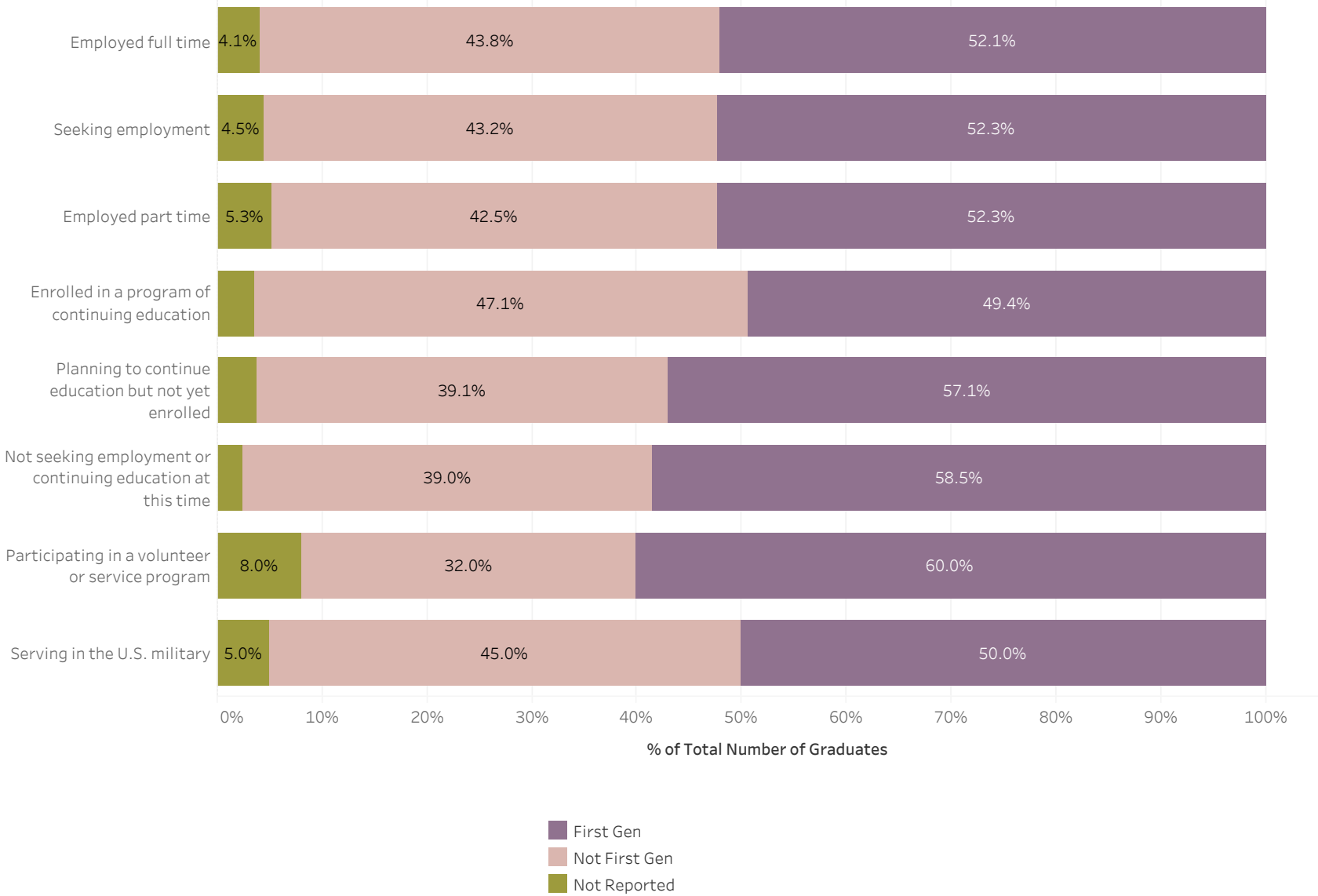
## Detailed Employment Status Post-Graduation by Sex

Appendix II



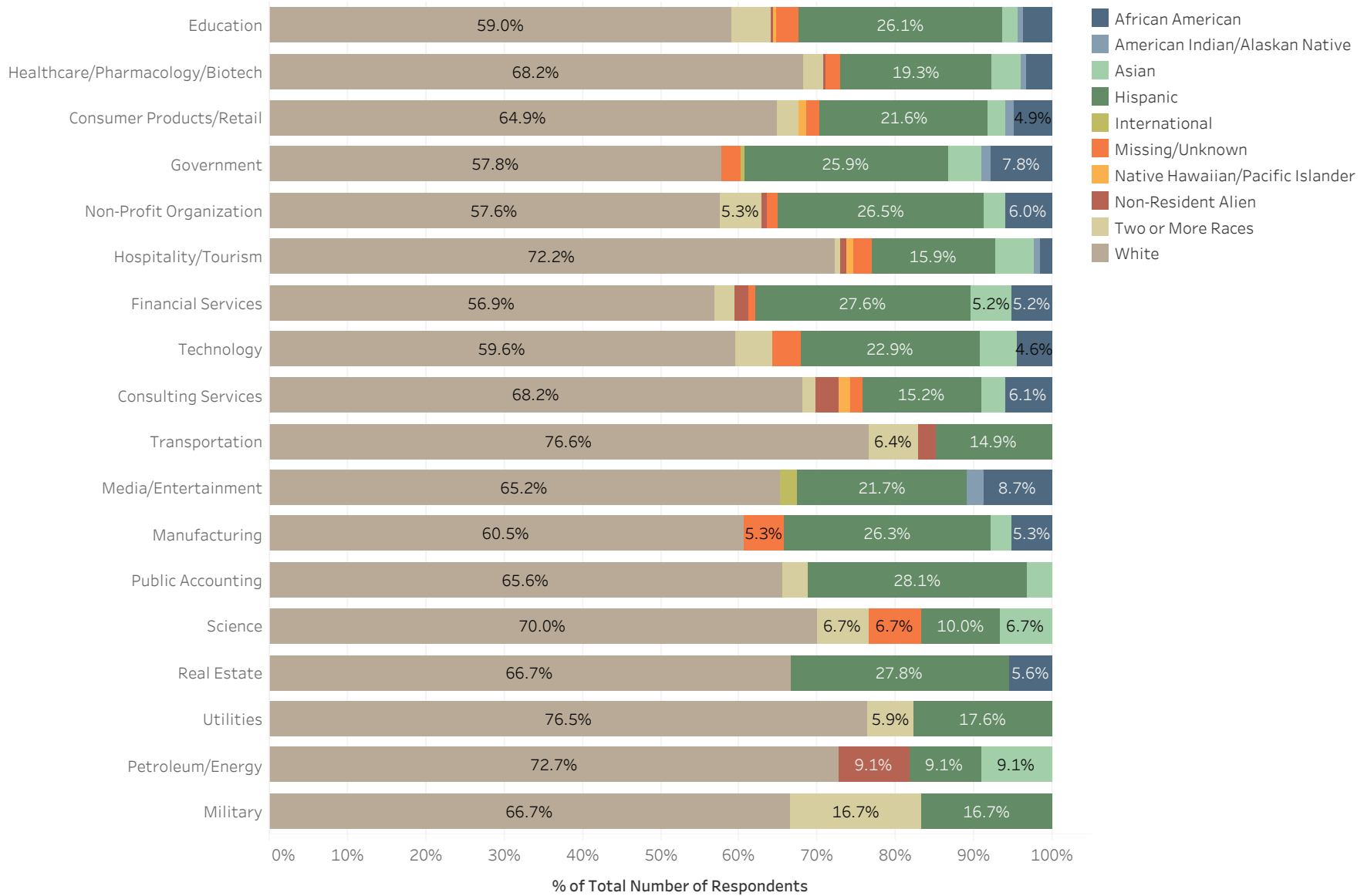
Detailed Employment Status Post-Graduation  
by First-Gen Status

Appendix III



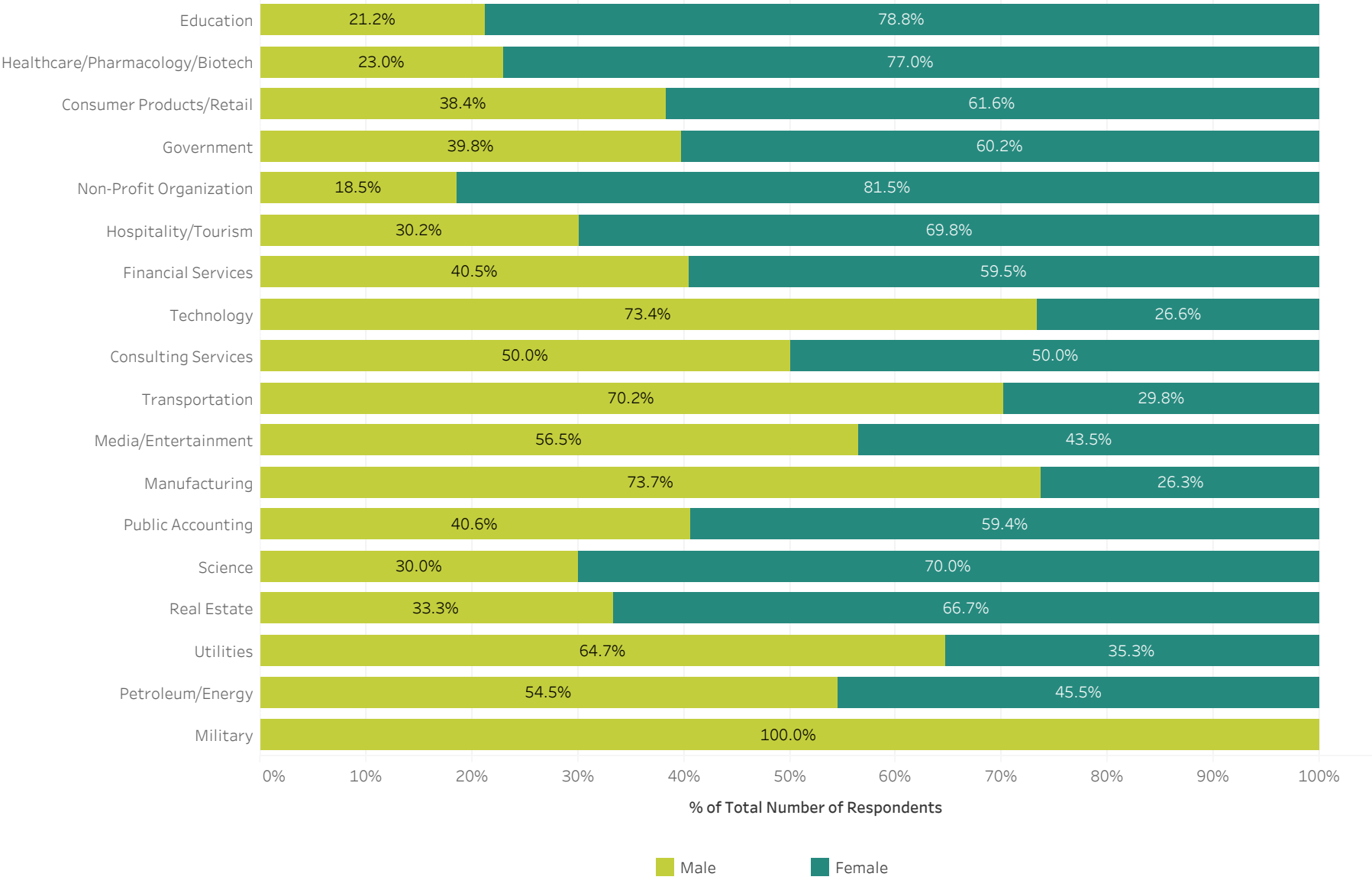
# Employment Industries by Race/Ethnicity

## Appendix IV



# Employment Industry by Sex of Respondent

Appendix V







## MSU Denver Post-Graduate Outcomes Survey Report

Business Intelligence Unit

### Contact Us

If there is anything additional you would like to know or any questions or concerns you might have, please contact the Business Intelligence Analyst who sent you this report.

**Kelsey Smith**

ksmit258@msudenver.edu

You can find out more about our team on our website:

<https://msudenver.edu/business-intelligence/>