Fall 2017 Departmental Profile Report

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This report presents a profile of mathematical sciences (MS) departments at four-year colleges and universities in the United States, as of fall 2017. The information presented includes the numbers of faculty in various categories, undergraduate and graduate course enrollments, numbers of bachelors and masters degrees awarded during the preceding year, and the number of graduate students. Definitions of categorized terms such as "Mathematical Sciences," "Math," and "Stats" along with a description of the faculty categories are provided at the end of this report.

Throughout this report the term doctoral faculty refers to faculty who hold a PhD.

Detailed information, including tables on which the graphics and commentary are based, is available on the AMS website at `www.ams.org/annual-survey`.

Department Chairs

The gender identity is known for all but 48 of the 1,509 departments surveyed by the Annual Survey. Figures 1 and 2 show the distribution of these department chairs. The ratio of women to men is 395:1066. Figure 2 shows the distribution of department chairs by department groupings excluding the unknowns. Seventy-six percent of all women chairs are in bachelors-granting departments.

Figure 1. Gender Identity of Department Chair

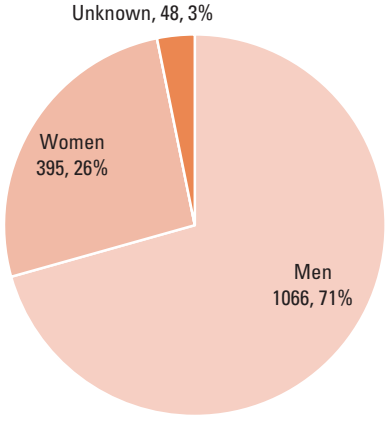

Figure 2. Gender Identity of Department Chairs by Department Grouping

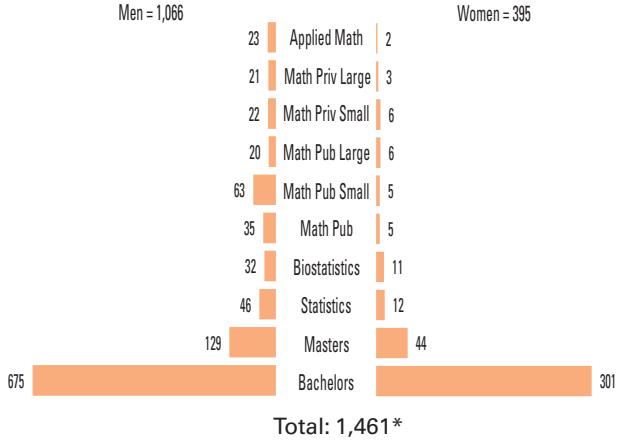

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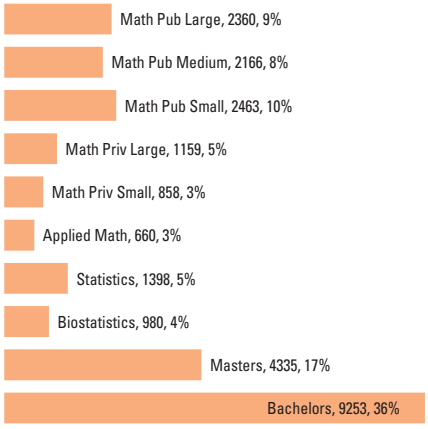
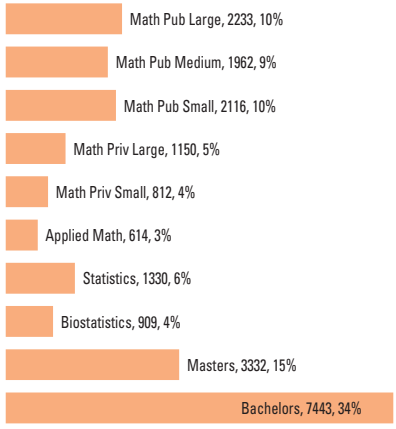
Figure F.1. Full-time Faculty by Department Grouping



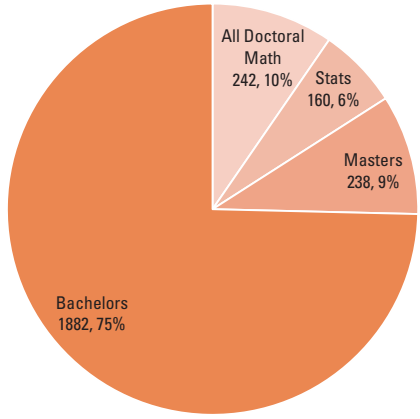
Total: 25,632

Figure F.2. Full-time Doctoral* Faculty by Department Grouping



Total: 21,901
*Doctoral-holding

Figure F.3. Full-time Faculty Teaching Courses Outside of the Mathematical Sciences



Total: 2,522*
*(30% teach only computer science courses)

Faculty Size

The estimated number of full-time faculty in MS for fall 2017 is 25,632 (SE = 237). Figure F.1 gives a breakdown by department grouping. Of these, 23,254 (SE = 195) were in Math and 2,378 (SE = 55) were in Stats. Approximately 85% of these full-time MS faculty hold a doctorate, a percentage that has held the past five years.

In the five years following 2012, the full-time faculty count estimate has increased slightly by an average of about 1% per year, with Math faculty growing on average at less than 1% a year and Stats faculty growing annually by about 2% on average.

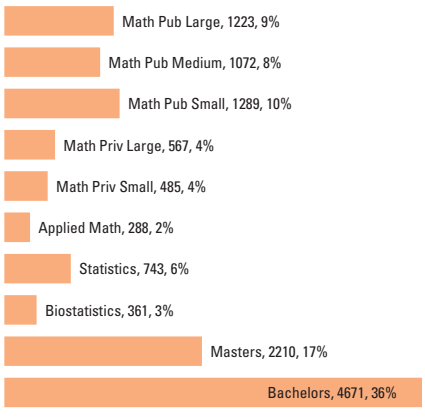
The estimated number of part-time faculty in Math is 8,248, and in Stats this estimate is 255.

Doctoral Faculty

The estimated number of full-time doctoral faculty in MS is 21,901, of whom 19,662 (SE = 87) are in Math and 2,239 (SE = 46) are in Stats. These values are, respectively, up by 2% and down by 3% from the 2016 estimates. Figure F.2 gives a further breakdown by departmental groupings.

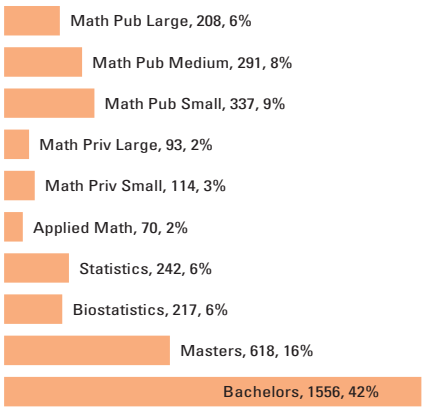
Figures D.1, D.2, and D.3 give breakdowns by departmental grouping of the numbers of doctoral faculty in MS by employment status, and Figure D.4 provides perspective on the distribution of full-time tenured doctoral faculty within the rank of full professor.

Figure D.1. Full-time Tenured Doctoral Faculty by Department Grouping



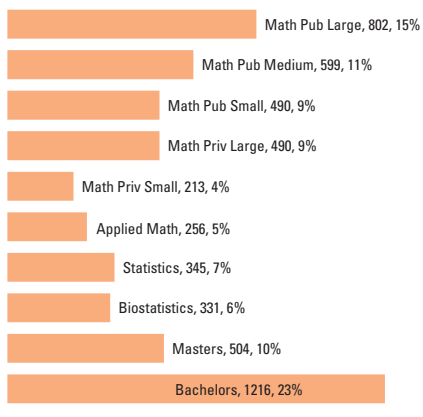
Total: 12,909

Figure D.2. Full-time Tenure-eligible Doctoral Faculty by Department Grouping



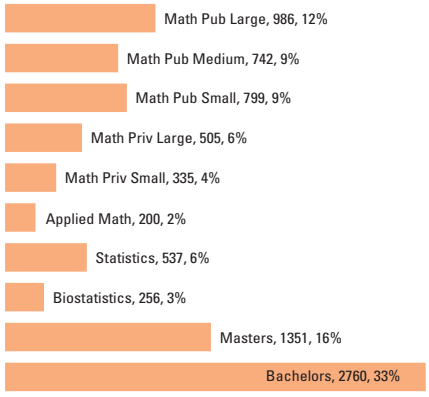
Total: 3,746

Figure D.3. Full-time Non-tenure-track Doctoral Faculty by Department Grouping



Total: 5,246

Figure D.4. Full-time Tenured Doctoral Full Professor Faculty by Department Grouping



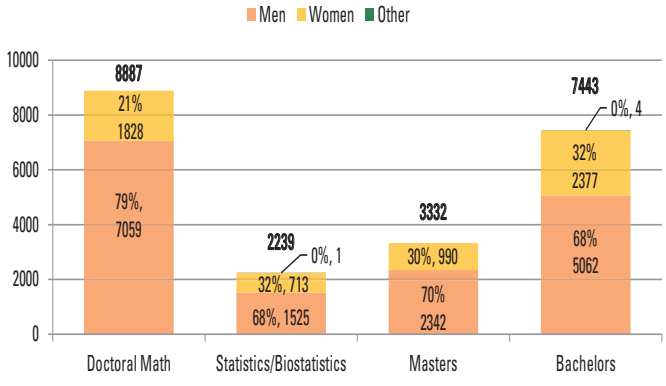
Total: 8,471

Here are a few other features of full-time doctoral faculty data:

- Of those tenured, 11,805 are in Math, and 1,104 are in Stats.
- Among tenured faculty, 65% of those in Math and 72% of those in Stats hold the rank of full professor, and 23% are women.
- In the Doctoral Math Group, 2,850 (32%) are in non-tenure-track positions. The breakdown is 1,328 postdocs, 1,274 renewable, 220 fixed-term, and 28 other.
- In the Stats Group, 676 faculty (30%) are in non-tenure-track positions, which breaks down into 173 postdocs, 464 renewable, 21 fixed-term, and 18 other.

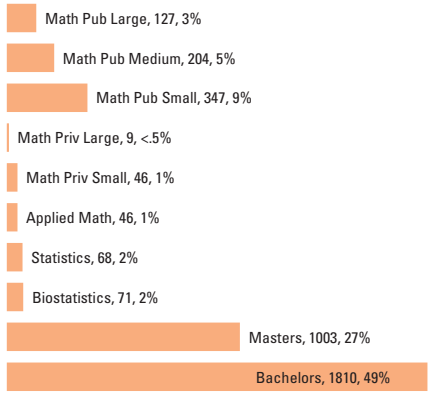
The estimated count of 2,274 part-time doctoral faculty increased by 15% from 2016. Of these, 2,091 are in Math and 183 in Stats. Sixty-five percent of this total are in Masters and Bachelors departments, and 31% are women.

Figure D.5. Gender of Full-time Doctoral Faculty



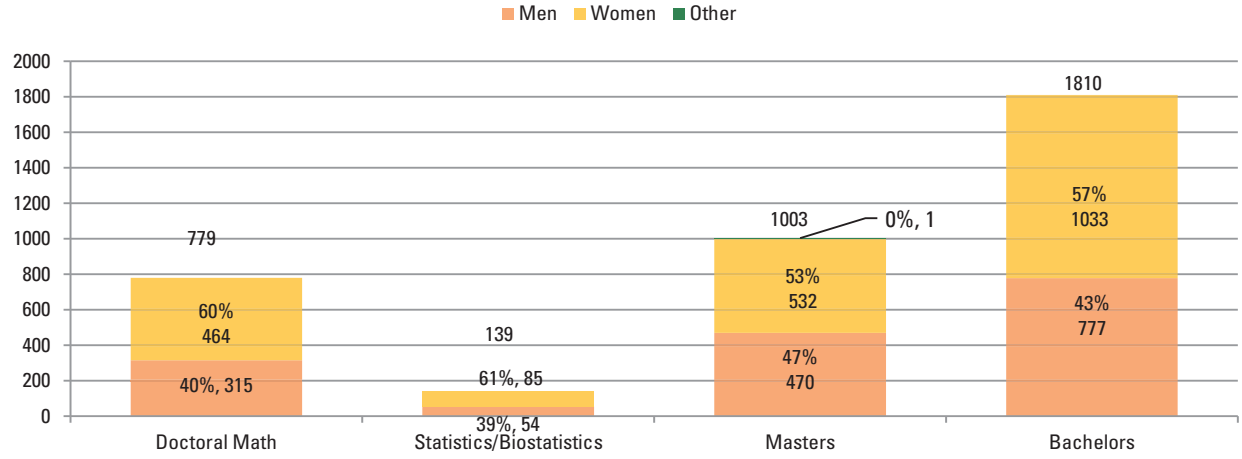
Total: 21,901

Figure ND.1. Full-time Nondoctoral Faculty by Department Grouping



Total: 3,731

Figure ND.2. Gender of Full-time Nondoctoral Faculty



Total: 3,731

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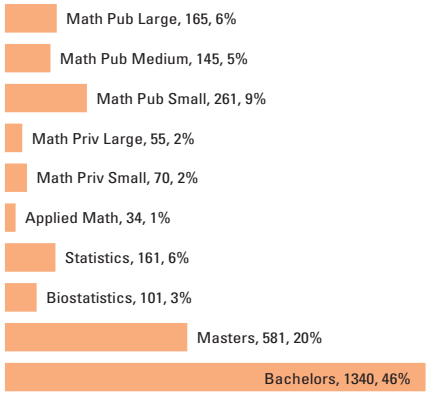
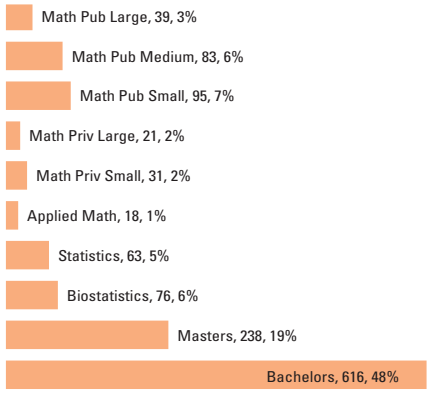
Figure FF.1. Full-time Tenured Women Doctoral Faculty by Department Grouping



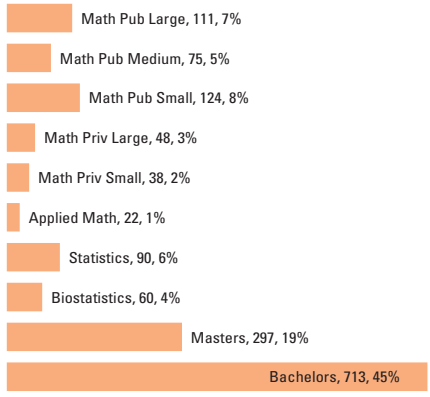
Total: 2,913

Figure FF.2. Full-time Tenure-eligible Women Doctoral Faculty by Department Grouping



Total: 1,280

Figure FF.3. Full-time Full Professor Women Doctoral Faculty by Department Grouping



Total: 1,578

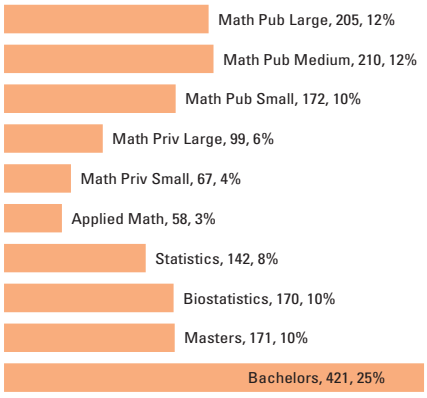
Nondoctoral Faculty

The estimated number of full-time nondoctoral faculty in MS is 3,731, of which an estimated 3,592 are in Math and 139 are in Stats. Figure ND.1 gives a more detailed breakdown. This count increased by about 2% over 2016, and it represents 15% of full-time faculty, a fraction that has held steady for the most recent five years. Approximately 90% are non-tenure-track faculty, 75% are in Masters or Bachelors departments, and 57% are women.

Approximately 276 faculty in this category are tenured (down from 309 in 2016), and fewer than 100 hold the rank of full professor. Essentially all are in the Bachelors Group. Of the non-tenure-track faculty in this category, 85% are in renewable appointments, and the rest are in fixed-term or other appointments.

Across the mathematical sciences, for the period in this report, there were approximately 6,229 part-time nondoctoral faculty, a 5% increase over 2016. Overwhelmingly, these faculty are in Math departments (6,157 or 99% in Math, and 72 or 1% in Stats). Twenty-six percent of these individuals received benefits, and 46% are women.

Figure FF.4. Full-time Non-tenure-track Women Doctoral Faculty by Department Grouping



Total: 1,715

Women Faculty

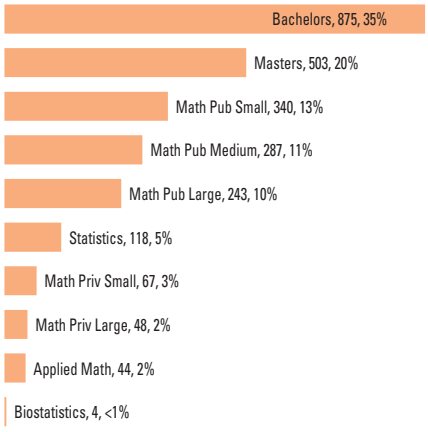
Women account for 31% (8,022) of all full-time faculty in MS. In Math, women made up 31% (7,224, SE = 83) of the full-time faculty; in Stats, women made up 34% (798, SE = 28) of full-time faculty. Figures FF.1, FF.2, FF.3, and FF.4, respectively, give detailed breakdowns of counts and percentages of full-time women faculty in the department groupings by employment status: tenured, tenure-eligible, rank of full professor, and non-tenure-eligible.

For the Doctoral Math departments, women composed 17% of the combined doctoral tenured and tenure-eligible faculty and 28% of the doctoral non-tenure-track (including postdocs) faculty in fall 2017. In the other groups these respective percentages are: 23% and 41% in Statistics, 31% and 51% in Biostatistics, 29% and 34% in Masters, and for Bachelors faculty they are 31% and 35%. Among the full-time nondoctoral faculty in Math, women compose 57%. Women account for 42% of all part-time faculty in Math.

Features of full-time women faculty data:

- Women hold 15% of full-time tenured and 26% of full-time tenure-eligible positions in Doctoral Math departments.
- 43% of all full-time women faculty are in the Bachelors departments.
- Biostatistics departments reported the highest percentage of full-time women faculty (40%), followed by the Bachelors departments (37%), and Masters (35%). The Math Private Large Group reported the lowest (15%).
- The percentages of women holding postdocs in various department groupings ranged from a high of 41% in Bachelors to a low of 9% in Masters.
- 85% of all women nondoctoral non-tenure-track faculty appointments (1,660) are renewable; 11% are fixed-term, and 3% are other types of appointments.

Figure UE.1. Undergraduate Course Enrollments (thousands) by Department Grouping, Fall 2017



Total Undergraduate Enrollments (thousands): 2,529

Features of part-time women faculty data:

- 61% of all part-time women faculty in Math are in Bachelors departments.
- 80% of all part-time women faculty hold nondoctoral positions. Of these faculty, 24% receive benefits and less than 1% are phased retirements.

Undergraduate Course Enrollment

The 2017 estimate of total undergraduate enrollments in MS courses is 2,529,000 (SE = 29,000). Figure UE.1 gives a sorted breakdown of this number by department grouping. A 95% confidence interval based on this data is [2,472,160, 2,585,840]. For 2016, the estimate was 2,487,000 but its SE was also large. At this confidence level, there is insufficient evidence in these data to conclude the enrollments have actually increased.

Figure UE.2. Undergraduate Course Enrollment per Full-time Faculty Member, by Department Grouping, Fall 2017

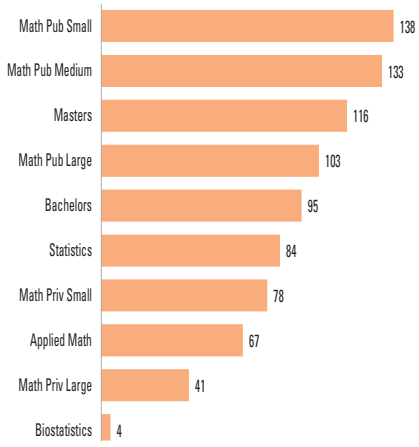
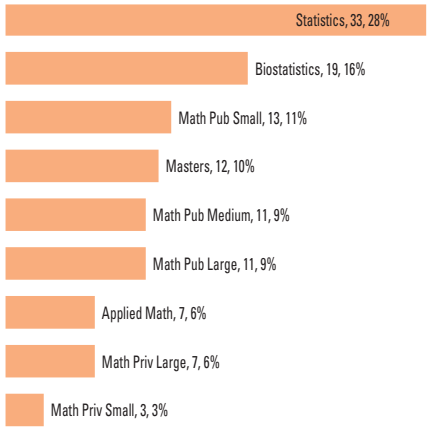


Figure GE.1. Graduate Course Enrollments (thousands) by Department Grouping, Fall 2017



Total Graduate Enrollments (thousands): 117

Figure UE.2 shows undergraduate enrollments per full-time faculty by grouping, sorted in descending order.

Graduate Course Enrollment

The estimated total number of graduate course enrollments for 2017 is 117,000 (SE = 5,000). In 2012, these enrollments were 106,000 (SE = 3,000), and in the intervening years the estimates have trended upward, suggesting overall average annual growth of about 2%. Figure GE.1 gives a breakdown for this total among the departments with graduate programs, and Figure GE.2 shows estimates for graduate enrollments per full-time tenured and tenure-eligible faculty.

Figure GE.2. Graduate Course Enrollment per Full-time Tenured & Tenure-eligible Faculty Member, by Department Grouping, Fall 2017

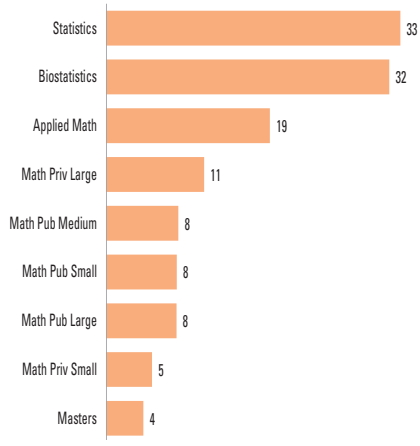


Figure UD.1. Undergraduate Degrees Awarded by Major and Department Grouping (Degrees awarded between July 1, 2016 and June 30, 2017)

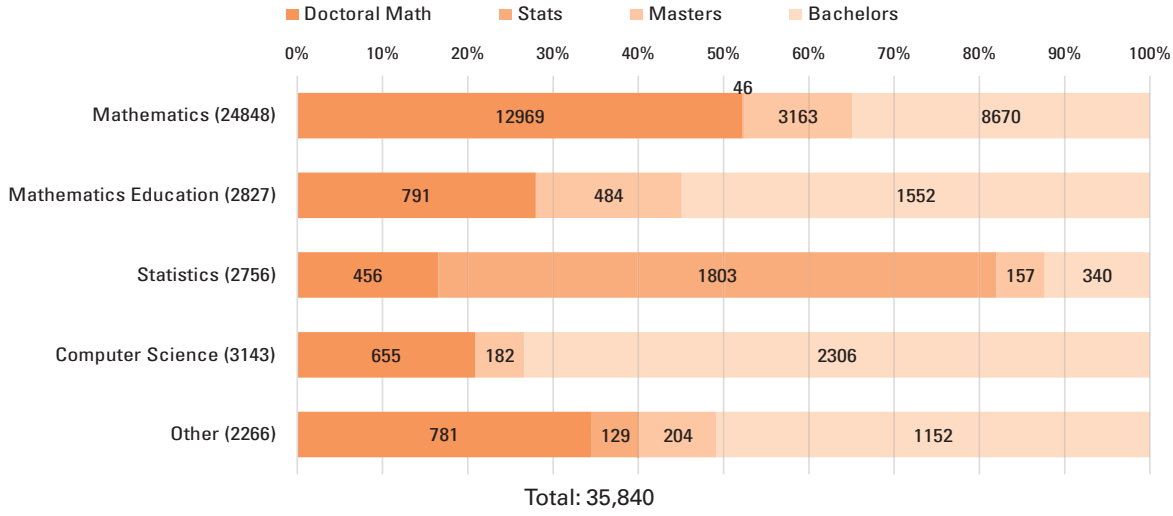


Figure UD.2. Undergraduate Degrees Awarded by Major and Gender (Degrees awarded between July 1, 2016 and June 30, 2017)

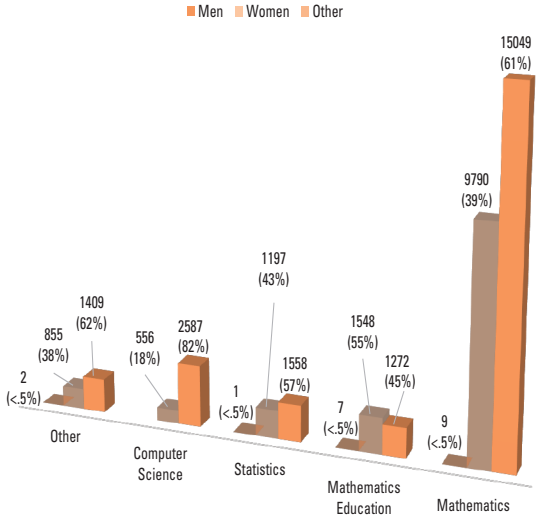
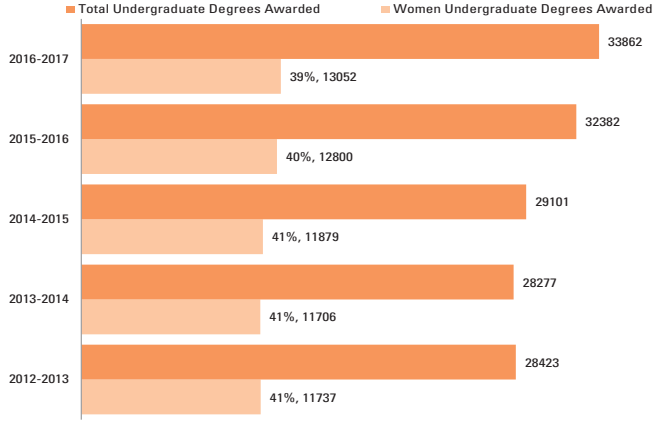


Figure UD.3. Undergraduate Degrees Awarded[1], 2012–2017, All Mathematics Departments



[1] Degrees awarded between July 1 and June 30.
[2] Due to the finer detail being collected on majors, it's possible departments have reported degrees not reported in the past.

Undergraduate Degrees Awarded

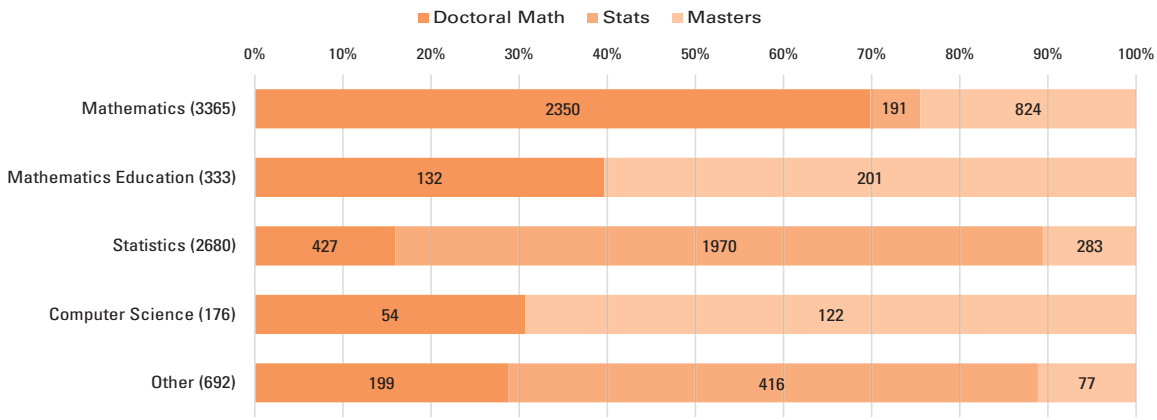
For the period 2016–17, the estimated number of bachelors degrees awarded in MS departments is 35,840 (SE = 759), up 5% from the 2015–16 estimate of 34,219. Of these, 13,946 were earned by women (39%), a 3% increase. In Math Departments, the 2016–17 estimated number of bachelors degrees awarded is 33,862, a count that includes 24,802 Math degrees, 2,827 Math Ed degrees, 953 Statistics-only degrees, 3,143 Computer Science-only degrees, and 2,137 other degrees. Approximately 13,052 of these degrees were earned by women. This figure represents a 6% increase from last year's estimate of 12,800 degrees awarded by Math departments to women.

Figure UD.1 shows the distributions of undergraduate degrees awarded by major and department grouping, and Figure UD.2 gives a breakdown by gender. Figure UD.3 provides a multi-year perspective.

Here are some further highlights:

- All department groupings reported increases in the number of undergraduate degrees awarded, except Math Public Medium and Masters.
- 39% (13,946) of all bachelors degrees, 55% (1,548) of mathematics education degrees, and 18% (556) of computer science degrees were earned by women.
- Of all degrees in mathematics (24,848, 69% of all bachelors degrees awarded), 52% (12,969) were awarded in the Doctoral Math group; 39% of these degrees were awarded to women.

Figure MD.1. Masters Degrees Awarded by Major and Department Grouping (Degrees awarded between July 1, 2016 and June 30, 2017)



Total: 7,954

Figure MD.2. Masters Degrees Awarded by Major and Gender (Degrees awarded between July 1, 2016 and June 30, 2017)

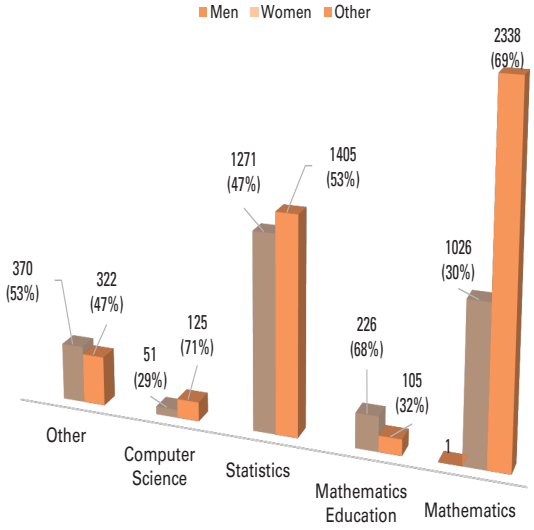
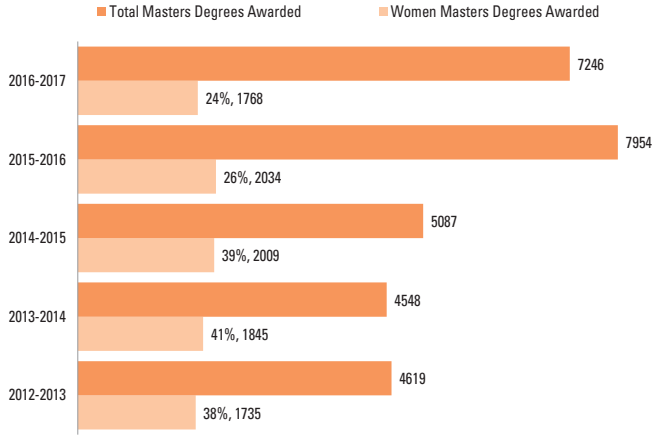


Figure MD.3. Masters Degrees Awarded[1], 2012–2017, All Mathematics Departments



[1] Degrees awarded between July 1 and June 30.

- 35% (8,670) were awarded in Bachelors departments, and 43% of these were to women.
- 13% (3,163) were awarded in Masters departments, and 38% of these were to women.

- Of all degrees in statistics (2,756, or 8% of all bachelors degrees),
  - 65% (1,803) were awarded in departments of Statistics or Biostatistics
  - 43% (1,197) were awarded to women
- Of degrees in Computer Science awarded in mathematical sciences departments (3,143, 9% of bachelors awarded), 73% (2,306) were awarded in the Bachelors Group, and 18% of these were to women.

Masters Degrees Awarded

For the period 2016–2017, the estimated number of masters degrees awarded in MS departments is 7,246 (SE = 336), a decrease of 9% from the 2015–2016 estimate of 7,954. Of these, 2,944 or 41% were earned by women, a 8% decrease from the 2015–2016 estimate consisting of 3,203. In Math departments, the estimated number of masters degrees awarded is 4,669, a count estimate consisting of 3,174 Math degrees, 333 Math Ed degrees, 710 Statistics-only degrees, 176 Computer Science-only degrees, and 276 other degrees. Approximately 1,768 of these are earned by women. This figure represents a 13% decrease from last year's estimate of 5,360 masters degrees awarded by Math departments.

Figures MD.1 and MD.2 show distribution by major, department grouping, and gender. Figure MD.3 gives a longitudinal view of degree counts and percentages of women recipients.

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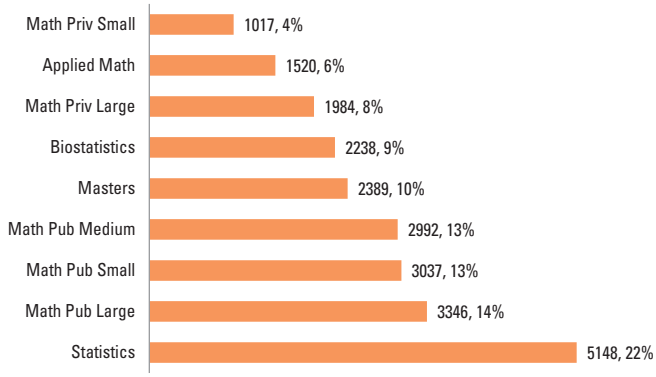
Here are a few highlights regarding the masters degrees:

- All department groupings reported decreases in the number of masters degrees awarded except Math Public Small, Applied Math, and Biostatistics which all showed increases of 18%.
- 37% (2,680) of masters degrees were in statistics.
- 21% (1,507) of masters degrees were awarded by Masters departments, 25% (1,822) by Statistics, and 12% by Math Public Small.
- 41% of all masters degrees were awarded to women, with the lowest rates of 29% (51) in computer science-only followed by 30% (1,026) among math majors and the highest rate of 68% (226) among mathematics education majors.
- 46% (3,365) of masters degrees represented were awarded in mathematics.
  - 24% (824) of these were awarded by Masters departments.
  - 29% (237) of these were awarded to women.
- 5% (333) of masters degrees were in mathematics education.
  - 60% (201) of these were awarded by Masters departments.
  - Women earned 68% of all mathematics education degrees.
- 10% (692) of masters degrees in mathematical sciences departments were in other degrees.
  - 48% (331) of Other masters were awarded by the Biostatistics Group; 64% of these went to women.

Graduate Students

In fall 2017, the total number of full-time graduate students is estimated at 23,671, with 16,285 in Math (essentially unchanged from 16,305 in fall 2016) and 7,386 in Stats. Figure GS.1 gives a breakdown by department grouping. The total number of full-time graduate students in Doctoral Math departments is 13,896 (from 13,702). Table GS.2 provides insight into longer-term trends in graduate student environments and gender.

Figure GS.1. Graduate Students by Department Grouping, Fall 2017



Total: 23,671

Features of full-time graduate student data:

- Women account for 36% of full-time graduate students and 40% of full-time first-year graduate students.
- First-year graduate students decreased 6% to 6,982 from 7,402.
- US citizen and permanent resident graduate students decreased 2% from 11,587 to 11,383. 88% of this decrease comes from the Statistics group which dropped 14% from 1,732 to 1,497.
- Underrepresented minorities accounted for 12% of US citizen and permanent resident graduate students and 13% of first-year graduate students. Women compose 38% and 39%, respectively, of these categories.
- Underrepresented minorities decreased by 8% overall with only Math Private Large reporting an increase of 6%; all groupings reported decreases or no change.
- Non-US citizen full-time graduate students increased slightly from 12,226 to 12,288. All groups except Math Public Small, Math Public Medium, Math Public Large, and Masters reported more non-US citizen graduate

Table GS.2. Full-time Graduate Students in All Doctoral Math Groups Combined by Gender and Citizenship, Fall 2008–2017

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Total full-time graduate students	**10883**	**11286**	**13048**	**12514**	**12684**	**12961**	**13023**	**13431**	**13702**	**13896**
Women	3193	3248	3839	3773	3771	3969	3925	4039	4146	4233
% Women	29%	29%	29%	30%	30%	31%	30%	30%	30%	30%
% US Citizen & Permanent Residents[1]	55%	56%	57%	56%	54%	53%	55%	53%	52%	52%
% Underrepresented minorities[2]	9%	9%	11%	8%	8%	9%	11%	15%	13%	13%
Total first-year graduate students	**2924**	**3040**	**3313**	**3288**	**3394**	**3623**	**3551**	**3646**	**3704**	**3701**
Women	870	904	1019	1077	1036	1205	1193	1188	1200	1279
% Women	30%	30%	31%	33%	31%	33%	34%	33%	32%	35%
% US Citizen & Permanent Residents[1]	56%	55%	51%	50%	54%	53%	55%	53%	52%	52%
% Underrepresented minorities[2]	10%	9%	9%	9%	7%	10%	13%	14%	12%	14%

[1] Starting with 2014, departments were asked to report US citizen and permanent resident counts together; previously permanent residents were included in the non-US citizen counts. All percentages prior to 2014 have been updated to allow for comparison with previous years' data.
[2] Prior to 2014 these counts only included US Citizens. Underrepresented minorities include any person having origins within the categories American Indian or Alaskan Native, Black or African American, Hispanic or Latino, and Native Hawaiian or Other Pacific Islander.

students than US citizens. 39% of all non-US graduate students were reported by Stats. Women account 40% (4,933) of non-US citizen graduate students.

Features of part-time graduate student data:

- The overall count held steady at 4,480. In most groups the number fell slightly, but an increase in Statistics from 352 in 2016 to 566 in 2017 helped to compensate.
- Underrepresented minorities account for 13% of these students, essentially the same percentage as in 2016.

Faculty Categories

The faculty categories used in this report are described below. Departments were asked to report any faculty member who was considered to be full-time in the institution for the academic year and at least half-time in the department. Each faculty member was reported in exactly one of these categories.

Tenure-track faculty includes full-time faculty who hold tenured/tenure-eligible positions (i.e., only those individuals who are tenured full professors, other tenured and tenure-eligible faculty).

Postdoctoral faculty includes full-time faculty who have teaching and/or research responsibilities, but for a strictly limited term of employment (i.e., those individuals who hold a temporary position primarily intended to provide an opportunity to continue training or to further research experience).

Non-tenure-track faculty includes full-time faculty eligible for benefits and with an appointment that lasts at least one academic year. These faculty hold appointments that are renewable (potentially unlimited), fixed-term but not renewable, or temporary. Typical titles for these positions are Lecturer, Senior Lecturer, Instructor, Senior Instructor, Associate/Assistant/Full Teaching Professor, Professor of the Practice, or Clinical Professor, and similar titles for research-only faculty.

Part-time faculty includes those individuals who are hired term-by-term, paid by the course, and/or those in phased retirement.

Remarks on Statistical Procedures

The questionnaire on which this report is based, "Departmental Profile," is sent to all Doctoral, Masters, and Bachelors departments in the US.

Response rates vary substantially across the different department groups. For most of the data collected on the Departmental Profile form, the year-to-year changes in a given department's data are small when compared to the variations among the departments within a given group. As a result of this, the most recent prior year's response is used (imputed) if deemed suitable. After the inclusion of prior responses, standard adjustments for the remaining nonresponses are then made to arrive at the estimates reported for the entire grouping.

Standard errors were calculated for some of the key estimates for the Doctoral Math Group (Math Public, Math Private, and Applied Math), and for the Masters, Bachelors, Statistics, and Biostatistics Groups. Standard errors are calculated using the variability in the data and can be used to measure how close our estimate is to the true value for the population. As an example, the number of full-time faculty in the Masters Group is estimated at 4,343 with a standard error of 107. This means the actual number of full-time faculty in the Masters Group is most likely between 4,343 plus or minus two standard errors, or between 4,129 and 4,557. This is much more informative than simply giving the estimate of 4,343.

Estimates are also given for parameters that are totals from all groups, such as the total number of full-time faculty. For example, an estimate of the total number of full-time faculty in all groups except Statistics and Biostatistics combined is 23,254, with a standard error of 195.

The careful reader will note that a row or column total may differ slightly from the sum of the individual entries. All table entries are the rounded values of the individual projections associated with each entry, and the differences are the result of this rounding (as the sum of rounded numbers is not always the same as the rounded sum).

Department Groupings

In this report, *Mathematical and Statistical Sciences* departments are those in four-year institutions in the US that refer to themselves with a name that incorporates (with a few exceptions) "Mathematics" or "Statistics" in some form. For instance, the term includes, but is not limited to, departments of "Mathematics," "Mathematical Sciences," "Mathematics and Statistics," "Mathematics and Computer

A department is in Group...	...when its subject area, highest degree offered, and PhD production rate p
Math Public Large	Math PhD, $7.0 \le p$
Math Public Medium	Math PhD, $3.9 \le p < 7.0$
Math Public Small	Math PhD, $p < 3.9$
Math Private Large	Math PhD, $3.9 \le p$
Math Private Small	Math PhD, $p < 3.9$
Applied Math	Applied mathematics, PhD
Statistics	Statistics, PhD
Biostatistics	Biostatistics, PhD
Masters	Math, masters
Bachelors	Math, bachelors
Doctoral Math	Math Public, Math Private, & Applied Math
Stats or Stat/Biostat	Statistics & Biostatistics
Math	All groups except Statistics & Biostatistics

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Science," "Applied Mathematics," "Statistics," and "Biostatistics." Also, *Mathematics (Math)* refers to departments that (with exceptions) have "mathematics" in the name; *Stats* refers to departments that incorporate (again, with exceptions) "statistics" or "biostatistics" in the name but do not use "mathematics."

Listings of the actual departments that comprise these groups are available on the AMS website at `www.ams.org/annual-survey/groupings`.

Survey Response Rates by Grouping

Departmental Profile Department Response Rates

Group	Number	Percent	Imputed[1]
Math Public Large	26 of 26	100%	8
Math Public Medium	38 of 40	95%	5
Math Public Small	62 of 68	91%	5
Math Private Large	21 of 24	88%	3
Math Private Small	26 of 28	93%	10
Applied Math	22 of 25[2]	88%	4
Statistics	52 of 59	88%	20
Biostatistics	33 of 44[2]	75%	9
Masters	107 of 174	61%	32
Bachelors	566 of 1,021	55%	186
Total	954 of 1,509	63%	288

[1]See paragraph two under 'Remarks on Statistical Procedures.'
[2]The populations for Applied Math and Biostatistics are slightly less than for the Doctorates Granted Survey because some programs do not formally "house" faculty, teach undergraduate courses, or award undergraduate degrees.

Acknowledgments

The Annual Survey attempts to provide an accurate appraisal and analysis of various aspects of the academic mathematical sciences scene for the use and benefit of the community and for filling the information needs of the professional organizations. Every year, college and university departments in the United States are invited to respond. The Annual Survey relies heavily on the conscientious efforts of the dedicated staff members of these departments for the quality of its information. On behalf of the Data Committee and the Annual Survey Staff, we thank the many secretarial and administrative staff members in the mathematical sciences departments for their cooperation and assistance in responding to the survey questionnaires.

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Table DF.1: Doctoral Full-Time Faculty, Fall 2017

Full-time Faculty	GROUP												Totals			
	All Doctoral Math Combined			Masters			Bachelors			Statistics & Biostatistics						
	Men	Women	Other	Men	Women	Other	Men	Women	Other	Men	Women	Other	ALL	Men	Women	Other
With a Doctorate	**7059**	**1828**	**0**	**2342**	**990**	**0**	**5062**	**2377**	**4**	**1525**	**713**	**1**	**21901**	**15988**	**5908**	**5**
Tenured	4194	730	0	1629	581	0	3331	1340	0	842	262	0	12909	9996	2913	0
Full Professors	3149	418	0	1054	297	0	2047	713	0	643	150	0	8471	6893	1578	0
Other	1045	312	0	575	284	0	1284	627	0	199	112	0	4438	3103	1335	0
Tenure-eligible (without tenure)	826	287	0	380	238	0	939	616	1	319	139	1	3746	2464	1280	2
Non-tenure-track	2039	811	0	333	171	0	792	421	3	364	312	0	5246	3528	1715	3
Postdoctoral appointments	1052	276	0	29	3	0	58	40	0	122	51	0	1631	1261	370	0
Renewable appointments	792	482	0	235	133	0	562	318	3	219	245	0	2989	1808	1178	3
Fixed-term appointments	175	45	0	49	16	0	151	59	0	12	9	0	516	387	129	0
Other appointments	20	8	0	20	19	0	21	4	0	11	7	0	110	72	38	0

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Table F.1

Total Faculty, Fall 2017

	Math Public Large	Math Public Medium	Math Public Small	Math Private Large	Math Private Small	Applied Math	All Doctoral Math	Masters	Bachelors	All Math	Statistics	Biostatistics	Statistics & Biostatistics Combined	Total All Groups
Total full-time faculty	**2360**	**2166**	**2463**	**1159**	**858**	**660**	**9666**	**4335**	**9253**	**23254**	**1398**	**980**	**2378**	**25632**
Standard error	*43*	*22*	*56*	*25*	*25*	*26*	*86*	*92*	*149*	*195*	*48*	*55*	*55*	**237**
Tenured	1223	1073	1295	567	485	288	4931	2261	4888	12080	744	361	1105	13185
Full Professors	986	742	801	505	335	200	3569	1371	2836	7776	537	256	793	8569
Other	237	331	494	62	150	88	1362	890	2052	4304	207	105	312	4616
Tenure-eligible (without tenure)	208	291	339	93	114	70	1115	635	1646	3396	242	218	460	3856
Non-tenured-track	929	802	829	499	259	302	3620	1439	2719	7778	412	401	813	8591
Postdoctoral appointments	429	277	100	369	79	74	1328	32	98	1458	116	57	173	1631
Renewable appointments	474	448	649	83	151	141	1946	1113	2169	5228	254	342	596	5824
Fixed-term appointments	17	76	51	47	28	84	303	202	390	895	25	1	26	921
Other appointments	9	1	29	0	1	3	43	92	62	197	17	1	18	215
Doctoral full-time faculty	**2233**	**1962**	**2116**	**1150**	**812**	**614**	**8887**	**3332**	**7443**	**19662**	**1330**	**909**	**2239**	**21901**
Standard error	*37*	*20*	*54*	*25*	*24*	*25*	*26*	*50*	*66*	*87*	*45*	*46*	*46*	*94*
Tenured	1223	1072	1289	567	485	288	4924	2210	4671	11805	743	361	1104	12909
Full Professors	986	742	799	505	335	200	3567	1351	2760	7678	537	256	793	8471
Other	237	330	490	62	150	88	1357	859	1911	4127	206	105	311	4438
Tenure-eligible (without tenure)	208	291	337	93	114	70	1113	618	1556	3287	242	217	459	3746
Non-tenured-track	802	599	490	490	213	256	2850	504	1216	4570	345	331	676	5246
Postdoctoral appointments	429	277	100	369	79	74	1328	32	98	1458	116	57	173	1631
Renewable appointments	355	287	346	82	107	97	1274	368	883	2525	192	272	464	2989
Fixed-term appointments	9	34	29	39	26	83	220	65	210	495	20	1	21	516
Other appointments	9	1	15	0	1	2	28	39	25	92	17	1	18	110
Nondoctoral full-time faculty	**127**	**204**	**347**	**9**	**46**	**46**	**779**	**1003**	**1810**	**3592**	**68**	**71**	**139**	**3731**
Standard error	*10*	*8*	*21*	*3*	*5*	*6*	*26*	*50*	*66*	*87*	*6*	*50*	*17*	*94*
Tenured	0	1	6	0	0	0	7	51	217	275	1	0	1	276
Full Professors	0	0	2	0	0	0	2	20	76	98	0	0	0	98
Other	0	1	4	0	0	0	5	31	141	177	1	0	1	178
Tenure-eligible (without tenure)	0	0	2	0	0	0	2	17	90	109	0	1	1	110
Non-tenured-track	127	203	339	9	46	46	770	935	1503	3208	67	70	137	3345
Renewable appointments	119	161	303	1	44	44	672	745	1286	2703	62	70	132	2835
Fixed-term appointments	8	42	22	8	2	1	83	137	180	400	5	0	5	405
Other appointments	0	0	14	0	0	1	15	53	37	105	0	0	0	105
Total part-time faculty	**175**	**406**	**501**	**74**	**125**	**117**	**1398**	**2061**	**4789**	**8248**	**121**	**134**	**255**	**8503**
Standard error	*19*	*22*	*33*	*11*	*13*	*14*	*49*	*169*	*191*	*260*	*13*	*47*	*47*	*273*
Doctoral	**95**	**154**	**173**	**59**	**83**	**50**	**614**	**353**	**1124**	**2091**	**84**	**99**	**183**	**2274**
Faculty with benefits received	71	71	49	11	29	18	249	105	177	531	31	8	39	570
Other part-time faculty	21	65	120	42	44	29	321	204	877	1402	39	82	121	1523
Phased Retirements	3	18	4	6	10	3	44	44	70	158	14	9	23	181
Nondoctoral	**80**	**252**	**328**	**15**	**42**	**67**	**784**	**1708**	**3665**	**6157**	**37**	**35**	**72**	**6229**
Faculty with benefits received	55	158	77	1	6	10	307	542	720	1569	14	8	22	1591
Other part-time faculty	25	94	251	14	36	57	477	1158	2931	4566	23	26	49	4615
Phased Retirements	0	0	0	0	0	0	0	8	14	22	0	1	1	23

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Table F.2

Summary of Full-Time and Part-Time Faculty, Fall 2017

	GROUP											
	All Doctoral Math Combined			Masters & Bachelors			Statistics & Biostatistics			Total		
	Men	Women	Other	Men	Women	Other	Men	Women	Other	Men	Women	Other
Full-time faculty	**7374**	**2292**	**-**	**8651**	**4932**	**5**	**1579**	**798**	**1**	**17604**	**8022**	**6**
Percentage	*76%*	*24%*	-	*64%*	*36%*	*<1%*	*66%*	*34%*	*0%*	*69%*	*31%*	*<1%*
Doctoral full-time faculty	**7059**	**1828**	**-**	**7404**	**3367**	**4**	**1525**	**713**	**1**	**15988**	**5908**	**5**
Percentage	*79%*	*21%*	-	*69%*	*31%*	*<1%*	*68%*	*32%*	*0%*	*73%*	*27%*	*<1%*
Tenured	4194	730	-	4960	1921	-	842	262	-	9996	2913	-
Percentage	*85%*	*15%*	-	*72%*	*28%*	-	*76%*	*24%*	-	*77%*	*23%*	-
Tenure-eligible (without tenure)	826	287	-	1319	854	1	319	139	1	2464	1280	2
Percentage	*74%*	*26%*	-	*61%*	*39%*	*0%*	*69%*	*30%*	*0%*	*66%*	*34%*	*0%*
Non-tenure-track*	2039	811	-	1125	592	3	364	312	-	3528	1715	3
Percentage	*72%*	*28%*	-	*65%*	*34%*	*<1%*	*54%*	*46%*	-	*67%*	*33%*	*<1%*
Nondoctoral full-time faculty	**315**	**464**	**-**	**1247**	**1565**	**1**	**54**	**85**	**-**	**1616**	**2114**	**1**
Percentage	*40%*	*60%*	-	*44%*	*56%*	*<1%*	*39%*	*61%*	-	*43%*	*57%*	*<1%*
Tenured	3	4	-	160	107	1	1	-	-	164	111	1
Precentage	*43%*	*57%*	-	*60%*	*40%*	*<1%*	*100%*	-	-	*59%*	*40%*	*<1%*
Tenure-eligible (without tenure)	2	-	-	52	55	-	1	-	-	55	55	-
Percentage	*100%*	-	-	*49%*	*51%*	-	*100%*	-	-	*50%*	*50%*	-
Non-tenure-track	310	460	-	1035	1403	-	52	85	-	1397	1948	-
Percentage	*40%*	*60%*	-	*42%*	*58%*	-	*38%*	*62%*	-	*42%*	*58%*	-
Part-time	**879**	**519**	**-**	**3896**	**2948**	**6**	**159**	**96**	**-**	**4934**	**3563**	**6**
Percentage	*63%*	*37%*	*<1%*	*57%*	*43%*	*<1%*	*62%*	*38%*	-	*58%*	*42%*	*<1%*
Doctoral	451	163	-	996	481	-	126	57	-	1573	701	-
Percentage	*73%*	*27%*	-	*67%*	*33%*	*<1%*	*69%*	*31%*	-	*69%*	*31%*	*<1%*
Nondoctoral	428	356	-	2900	2467	6	33	39	-	3361	2862	6
Percentage	*55%*	*45%*	*<1%*	*54%*	*46%*	*<1%*	*46%*	*54%*	-	*54%*	*46%*	*<1%*

*Doctoral full-time non-tenure-track faculty includes postdoctoral appointments.

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Table F.3: Part-Time Faculty, Fall 2017

Part-time Faculty	GROUP												Total		
	All Doctoral Math Combined			Masters			Bachelors			Statistics & Biostatistics					
	Men	Women	Other	Men	Women	Other	Men	Women	Other	Men	Women	Other	Men	Women	Other
Doctoral	451	163	-	278	75	-	718	406	-	126	57	-	1573	701	-
Nondoctoral	428	356	-	952	756	-	1948	1711	6	33	39	-	3361	2862	6
Total	**879**	**519**	**-**	**1230**	**831**	**-**	**2666**	**2117**	**6**	**159**	**96**	**-**	**4934**	**3563**	**6**

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Table F.4:

Full-time Faculty Teaching Courses Outside the Mathematical Sciences, Fall 2017

Full-time Faculty	Math Public Large	Math Public Medium	Math Public Small	Math Private Large	Math Private Small	Applied Math	All Doctoral Math	Masters	Bachelors	All Math	Statistics	Biostatistics	Statistics & Biostatistics	Total All Groups
Teaching Outside the Math. Sci.	72	24	59	18	28	41	**242**	238	1882	**2362**	36	124	**160**	2522
Standard Error	*12*	*2*	*8*	*6*	4	*10*	19	*36*	*72*	**83**	*6*	*25*	**25**	92
Percentage of full-time faculty	3%	1%	2%	2%	3%	6%	3%	5%	20%	9%	3%	13%	7%	10%
Teaching Computer Science only	4	4	13	12	9	15	**57**	86	618	**761**	1	1	**2**	763
Standard Error	*1*	*1*	*4*	*4*	2	*4*	**7**	*20*	*36*	**42**	*0*	*1*	**1**	42
Percentage of full-time Outside Math. Sci.	6%	17%	22%	67%	32%	37%	**24%**	36%	33%	**32%**	3%	1%	**1%**	30%

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Table FF.1: Total Women Faculty, Fall 2017

	Math Public Large	Math Public Medium	Math Public Small	Math Private Large	Math Private Small	Applied Math	All Doctoral Math Combined	Masters	Bachelors	All Math Combined	Statistics	Biostatistics	Statistics & Biostatistics Combined	Total All Groups Combined
Total Women full-time faculty	**479**	**564**	**748**	**179**	**195**	**127**	**2292**	**1522**	**3410**	**7224**	**407**	**391**	**798**	**8022**
Standard error	-	*11*	*23*	*8*	*5*	*4*	*27*	*36*	*70*	*83*	*13*	*28*	*28*	*98*
Tenured	165	146	264	55	70	34	734	604	1424	2762	161	101	262	3024
Full Professors	111	75	124	48	38	22	418	297	713	1428	90	60	150	1578
Other	54	70	137	7	32	12	312	284	627	1223	71	41	112	1335
Tenure-eligible (without tenure)	39	83	95	21	31	18	287	247	662	1196	63	76	139	1335
Non-tenured-track	275	335	389	103	94	75	1331	671	1324	3326	183	214	401	3663
Postdoctoral appointments	83	72	16	69	18	18	276	3	40	319	30	21	51	370
Renewable appointments	182	228	340	22	63	47	942	531	1099	2572	133	193	330	2838
Fixed-term appointments	7	35	19	12	13	10	96	85	156	337	13	-	13	350
Other appointments	3	-	14	-	-	-	17	52	29	98	7	-	7	105
Doctoral Women full-time faculty	**409**	**438**	**528**	**175**	**168**	**110**	**1828**	**990**	**2377**	**5195**	**366**	**347**	**713**	**5908**
Standard error	-	*9*	*20*	*7*	*5*	*3*	*24*	*29*	*55*	*67*	*12*	*23*	*23*	*80*
Tenured	165	145	261	55	70	34	730	581	1340	2651	161	101	262	2913
Full Professors	111	75	124	48	38	22	418	297	713	1428	90	60	150	1578
Other	54	70	137	7	32	12	312	284	627	1223	71	41	112	1335
Tenure-eligible (without tenure)	39	83	95	21	31	18	287	238	616	1141	63	76	139	1280
Non-tenured-track	205	210	172	99	67	58	811	171	421	1403	142	170	312	1715
Postdoctoral appointments	83	72	16	69	18	18	276	3	40	319	30	21	51	370
Renewable appointments	117	128	146	22	38	31	482	133	318	933	96	149	245	1178
Fixed-term appointments	2	10	5	8	11	9	45	16	59	120	9	-	9	129
Other appointments	3	-	5	-	-	-	8	19	4	31	7	-	7	38
Nondoctoral Women full-time faculty	**70**	**126**	**220**	**4**	**27**	**17**	**464**	**532**	**1033**	**2029**	**41**	**44**	**85**	**2114**
Standard error	-	*5*	*13*	*1*	*2*	*2*	*51*	*28*	*40*	*51*	*4*	*11*	*11*	*55*
Tenured	-	1	3	-	-	-	4	23	84	111	-	-	-	111
Full Professors	-	-	1	-	-	-	1	9	24	34	-	-	-	34
Other	-	1	2	-	-	-	3	14	60	77	-	-	-	77
Tenure-eligible (without tenure)	-	-	-	-	-	-	-	9	46	55	-	-	-	55
Non-tenured-track	70	125	217	4	27	17	460	500	903	1863	41	44	85	1948
Renewable appointments	65	100	194	-	25	16	400	398	781	1579	37	44	81	1660
Fixed-term appointments	5	25	14	4	2	1	51	69	97	217	4	-	4	221
Other appointments	-	-	9	-	-	-	9	33	25	67	-	-	-	67
Total Women part-time faculty	**54**	**154**	**215**	**16**	**41**	**39**	**519**	**831**	**2117**	**3467**	**39**	**57**	**96**	**3563**
Standard error	-	*7*	*13*	*3*	*2*	*4*	*16*	*51*	*76*	*93*	*4*	*12*	*12*	*96*
Doctoral	25	39	55	12	19	13	163	75	406	644	23	34	57	701
Faculty with benefits received	20	20	17	4	6	8	75	13	56	144	15	4	19	163
Other part-time faculty	5	16	38	8	13	4	84	56	336	476	7	29	36	512
Phased Retirements	-	3	-	-	-	1	4	6	14	24	1	1	2	26
NonDoctoral	29	115	160	4	22	26	356	756	1711	2823	16	23	39	2862
Faculty with benefits received	25	72	32	-	6	4	139	222	302	663	6	7	13	676
Other part-time faculty	4	43	128	4	16	22	217	532	1401	2150	10	15	25	2175
Phased Retirements	-	-	-	-	-	-	-	2	8	10	-	1	1	11

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Table FF.2: Summary of Total Women Faculty, Fall 2017

	Math Public Large	Math Public Medium	Math Public Small	Math Private Large	Math Private Small	Applied Math	All Doctoral Math Combined	Masters	Bachelors	All Math Combined	Statistics	Biostatistics	Statistics & Biostatistics Combined	Total All Groups Combined
Total Women full-time faculty	**479**	**564**	**748**	**179**	**195**	**127**	**2292**	**1522**	**3410**	**7224**	**407**	**391**	**798**	**8022**
Standard error	-	*11*	*23*	*8*	*5*	*4*	*27*	*36*	*70*	*83*	*13*	*28*	*28*	**98**
Tenured	165	146	264	55	70	34	734	604	1424	2762	161	101	262	**3024**
Tenure-eligible (without tenure)	39	83	95	21	31	18	287	247	662	1196	63	76	139	1335
Non-tenured-track	275	335	389	103	94	75	1271	671	1324	3266	183	214	397	3663
Postdoctoral appointments	83	72	16	69	18	18	276	3	40	319	30	21	51	370
Doctoral Women full-time faculty	**409**	**438**	**528**	**175**	**168**	**110**	**1828**	**990**	**2377**	**5195**	**366**	**347**	**713**	**5908**
Standard error	*37*	*20*	*54*	*25*	*24*	*25*	*26*	*50*	*66*	*87*	*45*	*46*	*46*	*94*
Tenured	165	145	261	55	70	34	730	581	1340	2651	161	101	262	2913
Tenure-eligible (without tenure)	39	83	95	21	31	18	287	238	616	1141	63	76	139	1280
Non-tenured-track	205	210	172	99	67	58	811	171	421	1403	142	170	312	1715
Postdoctoral appointments	83	72	16	69	18	18	276	3	40	319	30	21	51	370
Nondoctoral Women full-time faculty	**70**	**126**	**220**	**4**	**27**	**17**	**464**	**532**	**1033**	**2029**	**41**	**44**	**85**	**2114**
Standard error	*10*	*8*	*21*	*3*	*5*	*6*	*26*	*50*	*66*	*87*	*6*	*50*	*17*	*94*
Tenured	-	1	3	-	-	-	4	23	84	111	-	-	-	111
Tenure-eligible (without tenure)	-	-	-	-	-	-	-	9	46	55	-	-	-	55
Non-tenured-track	70	125	217	4	27	17	460	500	903	1863	41	44	85	1948
Total Women part-time faculty	**54**	**154**	**215**	**16**	**41**	**39**	**519**	**831**	**2117**	**3467**	**39**	**57**	**96**	**3563**
Standard error	*19*	*22*	*33*	*11*	*13*	*14*	*49*	*169*	*191*	*260*	*13*	*47*	*47*	*273*
Doctoral	25	39	55	12	19	13	163	75	406	644	23	34	57	701
NonDoctoral	29	115	160	4	22	26	356	756	1711	2823	16	23	39	2862

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Table FF.3: Full-Time Faculty with Percent Women, Fall 2017

	Math Public Large	Math Public Medium	Math Public Small	Math Private Large	Math Private Small	Applied Math	All Doctoral Math Combined	Masters	Bachelors	All Math Combined	Statistics	Biostatistics	All Groups Combined
Full-time faculty	**2360**	**2166**	**2463**	**1159**	**858**	**660**	**9666**	**4335**	**9253**	**23254**	**1398**	**980**	**25632**
Percentage of total full-time faculty	9%	8%	10%	5%	3%	3%	38%	17%	36%	91%	5%	4%	100%
Women full-time faculty	**479**	**564**	**748**	**179**	**195**	**127**	**2292**	**1522**	**3410**	**7224**	**407**	**391**	**8022**
Percentage of total women full-time faculty	6%	7%	9%	2%	2%	2%	29%	19%	43%	90%	5%	5%	100%
As a percentage of women full-time faculty within group faculty	20%	26%	30%	15%	23%	19%	24%	35%	37%	31%	29%	40%	31%

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Table FF.4: Mathematics Faculty Counts and Percentage Women, Fall 2005-2017

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
All Doctoral Mathematics													
Doctoral full-time faculty													
Tenured/tenure-eligible	**5686**	**5668**	**5709**	**5666**	**5834**	**5742**	**5775**	**5812**	**5829**	**5801**	**5786**	**5986**	**6037**
Percentage Women	11%	12%	12%	13%	13%	14%	14%	14%	15%	16%	16%	17%	17%
Nontenured*	**1401**	**1461**	**1576**	**1598**	**1681**	**1770**	**1837**	**1996**	**1989**	**2359**	**2423**	**2646**	**2850**
Percentage Women	24%	25%	25%	25%	27%	28%	27%	27%	29%	29%	28%	29%	28%
Part-time faculty	**1054**	**1128**	**1143**	**1165**	**1154**	**1118**	**1099**	**1174**	**1334**	**1380**	**1380**	**1354**	**1398**
Percentage Women	37%	40%	37%	37%	39%	38%	38%	36%	32%	32%	32%	32%	32%
Group Masters													
Doctoral full-time faculty													
Tenured/tenure-eligible	**3351**	**3400**	**3325**	**3403**	**3208**	**3124**	**3143**	**3154**	**3192**	**2984**	**2928**	**2828**	**2828**
Percentage Women	24%	25%	25%	26%	27%	27%	28%	28%	29%	28%	28%	28%	29%
Nontenured*	**263**	**283**	**232**	**232**	**220**	**236**	**245**	**275**	**331**	**470**	**419**	**439**	**504**
Percentage Women	36%	28%	38%	32%	31%	38%	39%	38%	41%	34%	33%	33%	34%
Part-time faculty	**1842**	**1493**	**1868**	**1824**	**1802**	**1781**	**1762**	**2084**	**2128**	**2197**	**1902**	**1918**	**2061**
Percentage Women	37%	41%	39%	42%	44%	43%	42%	44%	43%	43%	43%	43%	43%
Group Bachelors													
Doctoral full-time faculty													
Tenured/tenure-eligible	**6875**	**6623**	**6427**	**6733**	**6914**	**6783**	**6594**	**6605**	**6533**	**6321**	**6165**	**6246**	**6227**
Percentage Women	25%	27%	27%	25%	29%	29%	29%	29%	30%	32%	31%	31%	31%
Nontenured*	**516**	**545**	**363**	**532**	**636**	**521**	**672**	**685**	**438**	**997**	**1037**	**1134**	**1216**
Percentage Women	32%	25%	33%	26%	28%	23%	34%	33%	26%	33%	34%	33%	35%
Part-time faculty	**3630**	**3922**	**4053**	**3703**	**3614**	**3167**	**3087**	**3649**	**4334**	**4437**	**4402**	**4345**	**4789**
Percentage Women	41%	40%	43%	46%	43%	47%	43%	41%	42%	46%	43%	44%	44%

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Table GE.1: Graduate Enrollment per Full-time Tenured and Tenure-eligible Faculty Member, Fall 2017

	Math Public Large	Math Public Medium	Math Public Small	Math Private Large	Math Private Small	Applied Math	Masters	Bachelors	Statistics	Biostatistics
Graduate Enrollment	8	8	8	11	5	19	4	-	33	32
Standard error	*0*	*0*	*0*	*1*	*0*	*1*	*1*	-	*2*	*2*

Table GE.2: Graduate Course Enrollments (Thousands) by Department Group, 2012- 2017

	Math Public Large	Math Public Medium	Math Public Small	Math Private Large	Math Private Small	Applied Math	Masters	Statistics	Biostatistics	Total
2012	12	11	11	7	3	5	16	26	15	106
2013	12	11	12	6	3	5	16	25	17	108
2014	11	11	12	7	4	6	15	26	15	107
2015	11	11	12	7	4	6	16	25	18	110
2016	12	11	13	7	4	6	13	30	18	113
2017	11	11	13	7	3	7	12	33	19	117
Standard error	*0*	*0*	*0*	*1*	*0*	*1*	*1*	*2*	*2*	*5*

Table GE.3: Graduate Enrollment per Full-time Tenured and Tenure-eligible Faculty Member, Fall 2012-2017

	Math Public Large	Math Public Medium	Math Public Small	Math Private Large	Math Private Small	Applied Math	Masters	Bachelors	Statistics	Biostatistics
2012	9	8	7	10	6	14	5	-	30	29
2013	12	11	12	6	3	5	16	-	17	108
2014	8	9	8	11	6	15	5	-	28	27
2015	8	8	8	11	6	15	5	-	29	32
2016	8	8	8	10	7	16	5	-	30	30
2017	8	8	8	11	5	19	4	-	33	32

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Table GS.1: Graduate Students, Fall 2017

	Math Public Large	Math Public Medium	Math Public Small	Math Private Large	Math Private Small	Applied Math	All Doctoral Math	Masters	All Math	Statistics	Biostatistics	All Stats	Total All Groups
Total Graduate Students													
Full-time	**3346**	**2992**	**3037**	**1984**	**1017**	**1520**	**13896**	**2389**	**16285**	**5148**	**2238**	**7386**	**23671**
Standard error							*230*	*198*	*303*	*551*	*261*	*610*	
First-year full-time	789	766	786	589	260	511	3701	968	4669	1594	719	2313	**6982**
Standard error							*91*	*97*	*133*	*167*	*90*	*190*	
Part-time	120	319	629	183	118	290	1659	1857	3516	566	398	964	**4480**
Standard error							*95*	*280*	*295*	*84*	*85*	*120*	
Women Graduate Students													
Full-time	**849**	**906**	**1083**	**573**	**320**	**502**	**4233**	**949**	**5182**	**2151**	**1245**	**3396**	**8578**
First-year full-time	218	243	315	210	91	202	1279	346	1625	693	444	1137	**2762**
Part-time	42	145	260	61	35	91	634	892	1526	195	178	4533	**1899**
US Citizen & Permanent Residents Graduate Students													
Full-time	**1829**	**1803**	**1754**	**650**	**551**	**673**	**7260**	**1572**	**8832**	**1497**	**1054**	**2551**	**11383**
Standard error							*132*	*148*	*198*	*94*	*166*	*190*	
First-year full-time	361	475	500	171	119	202	1828	605	2433	516	339	855	**3288**
Part-time	42	145	260	61	35	91	634	892	1526	195	178	1045	**1899**
Non-US Citizen Graduate Students													
Full-time	**1517**	**1189**	**1283**	**1334**	**466**	**847**	**6636**	**817**	**7453**	**3651**	**1184**	**4835**	**12288**
Standard error							*176*	*92*	*199*	*515*	*135*	*532*	
First-year full-time	428	291	286	418	141	309	1873	363	2236	1078	380	1458	**3694**
Part-time	21	60	103	74	23	68	349	172	521	239	96	3596	**856**
Standard error							*27*	*29*	*39*	*51*	*19*	*55*	

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Table GS.2: Full-Time Graduate Students in All Doctoral Mathematics Departments Combined
by Gender and Citizenship, Fall 2008-2017

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Total full-time graduate students	**10883**	**11286**	**13048**	**12514**	**12684**	**12961**	**13023**	**13431**	**13702**	**13896**
Women	3193	3248	3839	3773	3771	3969	3925	4039	4146	4233
% Women	29%	29%	29%	30%	30%	31%	30%	30%	30%	30%
% US Citizen & Permanent Residents[1]	55%	56%	57%	56%	54%	53%	55%	53%	52%	52%
% Underrepresented minorities[2]	9%	9%	11%	8%	8%	9%	11%	15%	13%	13%
Total first-year graduate students	**2924**	**3040**	**3313**	**3288**	**3394**	**3623**	**3551**	**3646**	**3704**	**3701**
Women	870	904	1019	1077	1036	1205	1193	1188	1200	1279
% Women	30%	30%	31%	33%	31%	33%	34%	33%	32%	35%
% US Citizen & Permanent Residents[1]	56%	55%	51%	50%	54%	53%	55%	53%	52%	52%
% Underrepresented minorities[2]	10%	9%	9%	9%	7%	10%	13%	14%	12%	14%

[1] Starting with 2014 departments were asked to report US citizen and permanent resident counts together. All percentages prior to 2014 have been updated to allow for comparison with previous years data.

[2] Prior to 2014 these counts only included US Citizens. Underrepresented minorities includes any person having origins within the categories American Indian or Alaska Native, Black or African American, Hispanic or Latino, and Native Hawaiian or Other Pacific Islander.

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Table GS.3: Citizenship of Graduate Students by Department Grouping, Fall 2017

	Math Public Large	Math Public Medium	Math Public Small	Math Private Large	Math Private Small	Applied Math	All Doctoral Math	Masters	All Math	Statistics	Biostatistics	All Stats	Total All Groups
Total Full-time Graduate Students	3346	2992	3037	1984	1017	1520	**13896**	2389	**16285**	5148	2238	**7386**	23671
Standard error							*230*	*198*	*303*	*551*	*261*	*610*	
US Citizen & Permanent Residents1	1829	1803	1754	650	551	673	**7260**	1572	**8832**	1497	1054	**2551**	11383
Non-US Citizen	1517	1189	1283	1334	466	847	**6636**	817	**7453**	3651	1184	**4835**	12288
Total First-year Graduate Students	789	766	786	589	260	511	**3701**	968	**4669**	1594	719	**2313**	6982
Standard error							*91*	*97*	*133*	*167*	*90*	*190*	
US Citizen & Permanent Residents1	361	475	500	171	119	202	**1828**	605	**2433**	516	339	**855**	3288
Non-US Citizen	428	291	286	418	141	309	**1873**	363	**2236**	1078	380	**1458**	3694
Total Part-time Graduate Students	120	319	629	183	118	290	**1659**	1857	**3516**	566	398	**964**	4480
Standard error							*95*	*280*	*295*	*84*	*85*	*120*	
US Citizen & Permanent Residents1	99	259	526	109	95	222	**1310**	1685	**2995**	327	302	**629**	3624
Non-US Citizen	21	60	103	74	23	68	**349**	172	**521**	239	96	**335**	856

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Table MD.1: Masters Degrees Awarded, 2016-2017* by Type of Degree-Granting Department Group

	Math Public Large	Math Public Medium	Math Public Small	Math Private Large	Math Private Small	Applied Math	Masters	All Math	Statistics	Biostatistics	Statistics & Biostatistics	Total All Groups
Total Masters Degrees												
Degrees Awarded	**459**	**674**	**876**	**411**	**201**	**541**	**1507**	**4669**	**1822**	**755**	**2577**	**7246**
Standard error	*25*	*21*	*63*	*50*	*26*	*54*	*139*	*175*	277	*76*	*287*	*336*
Mathematics	385	444	512	342	175	492	824	3174	3	188	191	3365
Math Education	17	50	57	1	7	0	201	333	0	0	0	333
Statistics only	35	85	209	52	18	28	283	710	1734	236	1970	2680
Computer Science only	4	0	34	15	1	0	122	176	0	0	0	176
Other	18	95	64	1	0	21	77	276	85	331	416	692
Women Master's Degrees												
Degrees Awarded	**154**	**299**	**343**	**129**	**70**	**184**	**589**	**1768**	**826**	**350**	**1176**	**2944**
Mathematics	115	166	187	95	56	167	237	1023	3	0	3	1026
Math Education	11	34	28	1	7	0	145	226	0	0	0	226
Statistics only	17	40	92	30	6	12	142	**339**	794	138	932	1271
Computer Science only	2	0	11	3	1	0	34	**51**	0	0	0	51
Other	9	59	25	0	0	5	31	**129**	29	212	241	370

*Degrees awarded between July 1, 2016 and June 30, 2017.

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Table MD.2: Masters Degrees Awarded, All Mathematics Combined for 2008-2017*

	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Total Masters Degrees Awarded	**4060**	**4265**	**4423**	**4370**	**4619**	**4548**	**5087**	**7954**	**7246**
Women Masters Degrees Awarded	1633	1723	1745	1728	1735	1845	2009	2034	1768
Percentage women	40%	40%	39%	40%	38%	41%	39%	26%	24%

*Degrees awarded between July 1, 2015 and June 30, 2016.

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Table NF.1: Nondoctoral Full-Time Faculty, Fall 2017

Full-time Faculty	GROUP												Totals			
	All Doctoral Math Combined			Masters			Bachelors			Statistics & Biostatistics						
	Men	Women	Other	Men	Women	Other	Men	Women	Other	Men	Women	Other	ALL	Men	Women	Other
Without a Doctorate	**315**	**464**	**0**	**470**	**532**	**1**	**777**	**1033**	**0**	**54**	**85**	**0**	**3731**	**1616**	**2114**	**1**
Tenured	3	4	0	27	23	1	133	84	0	1	0	0	276	164	111	1
Full Professors	1	1	0	11	9	0	52	24	0	0	0	0	98	64	34	0
Other	2	3	0	16	14	1	81	60	0	1	0	0	178	100	77	1
Tenure-eligible (without tenure)	2	0	0	8	9	0	44	46	0	1	0	0	110	55	55	0
Non-tenure-track	310	460	0	435	500	0	600	903	0	52	85	0	3345	1397	1948	0
Renewable appointments	272	400	0	347	398	0	505	781	0	51	81	0	2835	1175	1660	0
Fixed-term appointments	32	51	0	68	69	0	83	97	0	1	4	0	405	184	221	0
Other appointments	6	9	0	20	33	0	12	25	0	0	0	0	105	38	67	0

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Table UD.1: Undergraduate Degrees Awarded, 2016-2017* by Type of Degree-Granting Department Group

	Math Public Large	Math Public Medium	Math Public Small	Math Private Large	Math Private Small	Applied Math	Doctoral Math Combined	Masters	Bachelors	All Math Combined	Statistics	Biostatistics	Statistics & Biostatistics Combined	Total All Groups Combined
Total Undergraduate Degrees														
Degrees Awarded	**5358**	**3025**	**2711**	**1940**	**1688**	**930**	**15652**	**4359**	**14020**	**34031**	**1951**	**27**	**1978**	**36009**
Standard error	*273*	*64*	*100*	*142*	*103*	*121*	*366*	*248*	*574*	*724*	*225*	*14*	*225*	*759*
Mathematics	4120	2715	2153	1780	1287	914	12969	3332	8670	24971	46	0	46	25017
Math Education	98	118	185	88	302	0	791	484	1552	2827	0	0	0	2827
Statistics only	252	67	87	0	38	12	456	157	340	953	1801	2	1803	2756
Computer Science only	347	74	108	72	50	4	655	182	2306	3143	0	0	0	3143
Other	541	51	178	0	11	0	781	204	1152	2137	104	25	129	2266
Women Undergraduate Degrees														
Degrees Awarded	**1954**	**1130**	**1043**	**620**	**575**	**307**	**5629**	**1668**	**5755**	**13052**	**879**	**15**	**894**	**13946**
Standard error	*102*	*25*	*40*	*59*	*44*	*40*	*140*	*132*	*239*	*307*	*80*	*8*	*80*	*317*
Mathematics	1542	998	802	596	532	300	4770	1217	3757	9744	46	0	46	9790
Math Education	59	75	114	1	1	0	250	294	1004	1548	0	0	0	1548
Statistics only	89	37	31	0	21	6	184	57	173	414	782	1	783	1197
Computer Science only	52	4	14	23	16	1	110	19	427	556	0	0	0	556
Other	212	16	82	0	5	0	315	81	394	790	51	14	65	855

*Degrees awarded between July 1, 2016 and June 30, 2017.

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Table UD.2: Undergraduate Degrees Awarded, All Mathematics Combined for 2008-2016*

	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Total Undergraduate Degrees Awarded	**23438**	**25621**	**26761**	**28423**	**28277**	**29101**	**32382**	**34031**
Women Undergraduate Degrees Awarded	10118	10293	10980	11737	11706	11879	12800	13052
Percentage women	43%	44%	41%	41%	41%	41%	40%	38%

*Degrees awarded between July 1, 2016 and June 30, 2017.

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Table UE.1: Undergraduate Enrollment per Full-time-Faculty Member, Fall 2017

	Math Public Large	Math Public Medium	Math Public Small	Math Private Large	Math Private Small	Applied Math	Masters	Bachelors	Statistics	Biostatistics
Undergraduate Enrollment	103	133	138	41	78	67	116	95	84	4
Standard error	*5*	*5*	*10*	*2*	*2*	*3*	*12*	*19*	*4*	*12*

Table UE.2: Undergraduate Enrollment (Thousands) by Department Group, 2012 - 2017

	Math Public Large	Math Public Medium	Math Public Small	Math Private Large	Math Private Small	Applied Math	Masters	Bachelors	Statistics	Biostatistics	Total
2012	212	271	293	46	68	42	488	891	94	4	2407
2013	225	275	305	50	66	40	553	846	94	4	2460
2014	232	274	301	48	67	43	554	854	102	5	2481
2015	242	282	306	49	73	43	538	882	99	4	2518
2016	243	283	320	49	75	44	510	849	109	4	2487
2017	243	287	340	48	67	44	503	875	118	4	2529
Standard error	*5*	*5*	*10*	*2*	*2*	*3*	*12*	*19*	*4*	*0*	*29*

Table UE.3: Undergraduate Enrollment per Full-time-Faculty Member, Fall 2012 - 2017

	Math Public Large	Math Public Medium	Math Public Small	Math Private Large	Math Private Small	Applied Math	Masters	Bachelors	Statistics	Biostatistics
2012	106	136	136	40	88	74	112	96	79	4
2013	105	136	138	46	81	71	120	92	80	4
2014	107	137	134	44	80	71	124	94	80	5
2015	110	138	134	44	85	76	124	98	81	4
2016	106	133	132	43	87	75	120	92	79	3
2017	103	133	138	41	78	67	116	95	84	4