## Errata to the 2013 Departmental Profile Report

An error was discovered in the tabulation of the fall 2013 full-time doctoral female short-term appointments and female other part-time faculty which resulted in the underreporting of the faculty data that appeared in the the April 2015 issue of Notices of the AMS. Table DF. 1 shows the updated counts for doctoral full-time faculty counts for fall 2013. Updated information on total full-time and part-time faculty can be viewed at http://www.ams.org/annuat-survey/2013Survey-DepartmentalProfile-Report.

Supplemental Table DF.1: Doctoral Full-time Faculty, Fall 2013*

| Full-time Faculty | GROUP |  |  |  |  |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | All Doctoral Math Combined |  | Masters |  | Bachelors |  | Statiistcs \& Biostatistics |  |  |
|  | Male | Female | Male | Female | Male | Female | Male | Female |  |
| With a Doctorate | 6516 | 1492 | 2533 | 1071 | 5003 | 2188 | 1429 | 637 | 20868 |
| Tenured | 4224 | 623 | 1893 | 663 | 3464 | 1336 | 799 | 249 | 13251 |
| Tenure-eligible (without tenure) | 743 | 239 | 389 | 247 | 1051 | 646 | 276 | 142 | 3734 |
| Postdoctoral appointments | 921 | 233 | 38 | 2 | 75 | 32 | 167 | 55 | 1522 |
| Non-tenure-track | 628 | 397 | 213 | 158 | 414 | 174 | 187 | 190 | 2361 |
| Renewable appointments | 438 | 318 | 156 | 127 | 217 | 70 | 166 | 153 | 1645 |
| Probationary status | 26 | 13 | 2 | 6 | 25 | 9 | 1 | 4 | 86 |
| Short-term appointments | 140 | 52 | 56 | 25 | 171 | 96 | 9 | 5 | 554 |
| Research only appointments | 24 | 13 | 0 | 0 | 0 | 0 | 11 | 28 | 76 |

*Figures in red indicate corrections from published report.

## 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. 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 and are paid by the course and those in phased retirement.

# Fall 2013 Departmental Profile 

 ReportWilliam Yslas Vélez, James W. Maxwell, and Colleen A. Rose

This report presents a profile of mathematical sciences departments at four-year colleges and universities in the United States, as of fall 2013. The information presented includes the number of faculty in various categories, undergraduate and graduate course enrollments, number of bachelor's and master's degrees awarded during the preceding year, and the number of graduate students. A description of the faculty categories used in this report is provided at the end of this report (page 414).

Data collected earlier from these departments on recruitment, hiring and faculty salaries were presented in the Report on 2012-2013 Academic Recruitment and Hiring (pages 744-749 of the August 2014 issue of Notices of the AMS) and the 2012-2013 Faculty Salaries Report (pages 611-617 of the June/July 2014 issue of Notices of the AMS).

Detailed information, including tables which traditionally appeared in this report, is available on the AMS website at www.ams.org/annua1-survey/survey-reports.

## Faculty Size

The estimated number of full-time faculty in all departments for fall 2013 is 24,290 with 22,115 of these in all mathematics departments combined (Math Public, Math Private, Applied Math, Masters, and Bachelors), down slightly from 22,219 last year. Full-time faculty among the doctoral mathematics departments combined (Math Public, Math Private, and Applied Math) increased slightly to 8,653 from 8,634 last year. In the mathematics departments combined we estimate the number of nondoctoral full-time faculty is 3,803 , up $3 \%$ from last year's estimate of 3,692 , with a standard error of 105 for our 2013 estimate. The total part-time faculty in all mathematics departments combined is estimated to be 7,795 (with a standard error of 216), up $13 \%$ from 6,907 last year.

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


Total: 24,290

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


Total: 20,364

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


Total: 2,125*
*(39\% teach only computer science courses)

[^0]
## Doctoral Faculty

The estimated number of full-time doctoral (i.e. doctorate-holding) faculty in all mathematics departments combined (Math Public, Math Private, Applied Math, Masters, and Bachelors) is 18,312 (with a standard error of 105), down slightly from last year's number of 18,527 . For these same groups combined, total doctoral tenured faculty remained essentially unchanged at 12,202 compared to 12,183 for fall $2012 ; 39 \%(4,799)$ of all doctoral tenured faculty are in Bachelors departments. (See page 166 for a full description of faculty categories.)

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

Total: 13,251

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


Total: 3,770

Figure D.3: Full-time Non-tenure-track Doctoral Faculty (excluding Postdocs) by Department Grouping


Total: 1,821

- Postdoctoral appointments among the doctoral mathematics departments combined (Math Public, Math Private, and Applied Math) increased to 1,154 for fall 2013. This is a $6 \%$ increase from last year and $15 \%$ of the total full-time doctoral faculty in these departments.
- Females hold $21 \%$ of all postdoctoral appointments.

Figure D.4: Full-time Postdoctoral Faculty by Department Grouping

Total: 1,522


- Part-time doctoral faculty increased $21 \%$ to 579 in all doctoral mathematics departments combined; this is $43 \%$ of all part-time faculty in these groups.
- Females hold 27\% of all part-time doctoral faculty positions.

Figure D.5: Gender of Full-time Doctoral Faculty Total: 20,364
-Male - Female


Department Grouping

## Nondoctoral Faculty

The estimated number of nondoctoral (i.e. without a doctorate) full-time faculty in all mathematics departments combined (Math Public, Math Private, Applied Math, Masters, and Bachelors) is 3,803. This is up 3\% from last year and is $17 \%$ of all full-time faculty $(22,115)$ in these departments. In addition, nondoctoral tenured faculty decreased $18 \%$ from 633 to 521 this year. 193 of the nondoctoral faculty in all mathematics departments are tenure-eligible faculty, $5 \%$ of all tenure-eligible faculty in these groups. Nondoctoral full-time non-tenure-track faculty increased $8 \%$ to 3,074 ; this is $81 \%$ of all nondoctoral mathematics faculty.

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

Total: 3,925

Figure ND.2: Full-time Nondoctoral Tenured Faculty by Department Grouping


Total: 3,187
Figure ND.3: Full-time Nondoctoral Non-tenure-track Faculty by Type of Appointment (excluding Postdocs)

Total: 524

Figure ND.4: Gender of Full-time Nondoctoral Faculty Total: 3,925
-Male IFemale

- $81 \%$ of all nondoctoral non-tenure-track faculty appointments are renewable, with probationary, short-term, and research only appointments comprising $3 \%, 16 \%$, and $<.5 \%$, respectively.
- Females account for $54 \%$ of full-time nondoctoral faculty in all mathematics groups combined (up from 53\% last year), compared to females accounting for $26 \%$ of all doctoral full-time faculty and $30 \%$ of all full-time faculty.
- Total part-time nondoctoral faculty increased $16 \%$ to 6,149 from 5,288 last year.
- Part-time nondoctoral faculty increased $9 \%$ to 755 in all doctoral mathematics departments combined (Math Public, Math Private, and Applied Math), this is $57 \%$ of all part-time faculty in these groups.
- Females hold $46 \%$ of all part-time nondoctoral faculty positions.


Department Grouping

## Female Faculty

For the combined mathematics departments (Math Public, Math Private, Applied Math, Masters, and Bachelors), women comprised $30 \%(6,647$ with a standard error of 101) of the full-time faculty $(22,115)$ in fall 2013 . For the doctoral mathematics departments combined (Math Public, Math Private, and Applied Math), women comprised 15\% of the combined doctorate-holding tenured and tenure-eligible faculty and $29 \%$ of the doctoral-holding non-tenure-track (including postdocs) faculty in fall 2013. For Masters faculty these same percentages are 29 and 41, and for Bachelors faculty they are 30 and 26, respectively. Among the nondoctoral full-time faculty in all math departments combined, women comprise $54 \%$. Females account for $39 \%$ of all part-time faculty in mathematics departments combined.

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

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

Figure FF.3: Full-time Postdoctoral Female Doctoral Faculty by Department Grouping


Total: 2,871


Total: 1,275


Total: 322

Figure FF.4: Full-time Female Doctoral Non-tenure-track Faculty (excluding Postdocs) by Department Grouping


Total: 747

- Females hold $13 \%$ of full-time tenured and $24 \%$ of fulltime tenure-eligible positions in all doctoral mathematics departments combined.
- $43 \%$ of all full-time female faculty (in all groups combined) are in the Bachelors Departments.
- Biostatistics departments reported the highest percentage of full-time female faculty (39\%), followed by Masters and Bachelors departments (35\% each), while Math Private Large reported the lowest (15\%).
- Females hold $21 \%$ of all postdoctoral appointments. $36 \%$ of all female postdocs in doctoral mathematics departments combined are found in Math Public Large departments. This group reported the highest percentage (26\%) of female postdocs.
- $84 \%$ of all female nondoctoral non-tenure-track faculty appointments $(1,791)$ are renewable, with probationary, shortterm, and research only appointments comprising $3 \%, 13 \%$, and $<.5 \%$, respectively.
- $59 \%$ of all part-time female faculty among the mathematics departments combined are found in the Bachelors Departments.
- $89 \%$ of all part-time female faculty hold nondoctoral positions.


## Undergraduate Course Enrollments

Total undergraduate enrollments for all groups combined increased by $2 \%(53,000)$ to $2,460,000$ (with a standard error of 20,000). All departments combined reported an overall increase of $2 \%$ in the number of undergraduate course enrollments per full-time faculty member.

Figure UE.1: Undergraduate Course Enrollments by Department Grouping


Total Undergraduate Enrollments (thousands): 2,460

Figure UE.2: Undergraduate Course Enrollment per Full-Time Faculty Member, Fall 2013


## Graduate Course Enrollments

Total graduate course enrollments have increased slightly from 106,000 to 108,000 (with a standard error of 3,000). All departments combined reported an overall increase of $1 \%$ in the estimated number of graduate course enrollments per full-time tenured and tenure-eligible faculty member.

Figure GE.1: Graduate Course Enrollments by Department Grouping


Total Graduate Enrollments (thousands): 108

Figure GE.2: Graduate Course Enrollment per Full-Time Tenured and Tenure-eligible Faculty Member, Fall 2013


## Undergraduate Degrees Awarded

The estimated number of undergraduate degrees awarded during 2012-2013 by all mathematics departments combined (Math Public, Math Private, Applied Math, Masters, and Bachelors) is 28,423 (with a standard error of 361 ), up $6 \%$ from last year's estimate of 26,761 . Females earned $41 \%(11,737)$ of undergraduate degrees, up $10 \%$ from last year. This year's estimated number of undergraduate degrees awarded by mathematics departments included 611 statistics-only and 1,811 computer-science-only.

Figure UD.1: Undergraduate Degrees Awarded* by Department Grouping


Total: 29,719

* Degrees awarded between July 1, 2012 and June 30, 2013.
- Math Doctoral departments awarded $8 \%$ more degrees this year, up 838 from last year, $37 \%$ of all degrees awarded.
- All groups showed an increase in the number of degrees awarded except Statistics, which decreased 7\%.
- Math Public Small departments showed the largest increase in degrees awarded, up 14\% from last year.
- Bachelors departments awarded $42 \%$ of all the degrees, the same as last year, in all mathematics departments combined.
- Total statistics-only degrees increased in all mathematics departments combined by $28 \%$ to 611 .
- $80 \%$ of computer sciences degrees were awarded by Bachelors departments.
- Statistics and Biostatistics departments combined awarded 1,296 degrees, a decrease of $6 \%$ from last year; females received $42 \%$ of these degrees (up from 41\% last year).

Figure UD.2: Undergraduate Degrees Awarded* to Females by Department Grouping


Total: 12,278

* Degrees awarded between July 1, 2012 and June 30, 2013.
- $41 \%$ of all degrees awarded were to females, the same as last year.
- All groups reported an increase in the number of degrees awarded to females except Math Private Small and Statistics, which reported decreases of $5 \%$ each.
- Math Doctoral departments awarded 34\%* of all degrees awarded to females. *Note: The published report incorrectly cited this as $9 \%$.

Figure UD.3: Undergraduate Degrees Awarded All Mathematics Combined


## Master's Degrees Awarded

The estimated number of master's degrees awarded during 2012-2013 in all mathematics departments combined (Math Public, Math Private, Applied Math, and Masters) is 4,619, a $6 \%$ increase from last year's estimate of 4,370 (with a standard error of 136). These departments also reported a slight increase in the number of degrees awarded to females, 1,735 . This year's total estimated graduate degrees included 2,207 statistics-only and 87 computer-science-only degrees.

Figure MD.I: Master's Degrees Awarded* by Department Grouping


Total Master's Degrees Awarded: 6,395
*Degrees awarded between July 1, 2012 and June 30, 2013.

Figure MD.2: Master's Degrees Awarded All Mathematics Combined
 All Mathematics Combined

- Looking at all mathematics departments combined:
- Masters departments awarded the highest percentage of degrees ( $27 \%$, the same as last year).
- Math Private Small awarded the fewest fraction of degrees with 3\%, down from $4 \%$ last year.
- Females received $38 \%$ of all degrees awarded among all the mathematics departments combined, down from $40 \%$ last year.
- $17 \%$ of degrees awarded to females in all mathematics departments combined were in statistics-only or computer-science-only, compared to $13 \%$ for males.
- Statistics and Biostatistics departments combined:
- awarded 1,775 degrees, an increase of $13 \%$ from last year; females received $51 \%$ of these degrees (up from 50\% last year).
- statistics-only degrees awarded by the Biostatistics Group increased 37\% to 353 from 257 last year.

Comparing master's degrees awarded this year with those awarded in 2008-2009:

- Total degrees awarded have increased $14 \%$ overall.
- Total degrees awarded to females decreased from $40 \%$ to $38 \%$.


## 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. 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 forbenefits and with an appointment that lasts at least one academic year (i.e. individuals with renewable*, fixed-term but not renewable or other full-time but temporary faculty appointments). *Include in this line those with appointments that are eligible for unlimited renewal. These include positions with titles such as 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 and are paid by the course and those in phased retirement.

## Department Groupings

Starting with reports on the 2012 AMS-ASA-IMS-MAASIAM Annual Survey of the Mathematical Sciences, the Joint Data Committee has implemented a new method for grouping the doctorate-granting mathematics departments. These departments are first grouped into those at public institutions and those at private institutions. These groups are further subdivided based on the size of their doctoral program as reflected in the average annual number of PhD's awarded between 2000 and 2010, based on their reports to the Annual Survey during this period. Furthermore, doctorate-granting
departments which self-classify their PhD program as being in applied mathematics will join with the other applied mathematics departments previously in Group Va to form their own group. The former Group IV will be divided into two groups, one for departments in statistics and one for departments in biostatistics.

For further details on the change in the doctoral department groupings see the article in the October 2012 issue of Notices of the AMS at www.ams.org/ notices/201209/rtx120901262p.pdf.

Math. Public Large consists of departments with the highest annual rate of production of PhD's, ranging between 7.0 and 24.2 per year.
Math. Public Medium consists of departments with an annual rate of production of PhD's, ranging between 3.9 and 6.9 per year.
Math. Public Small consists of departments with an annual rate of production of PhD's of 3.8 or less per year.
Math. Private Large consists of departments with an annual rate of production of PhD's, ranging between 3.9 and 19.8 per year.
Math. Private Small consists of departments with an annual rate of production of PhD's of 3.8 or less per year.
Applied Mathematics consists of doctoral-degree-granting applied mathematics departments.
Statistics consists of doctoral-degree-granting statistics departments.
Biostatistics consists of doctoral-degree-granting biostatistics departments.
Group Masters contains US departments granting a master's degree as the highest graduate degree.
Group Bachelors contains US departments granting a baccalaureate degree only.
Listings of the actual departments that compose these groups are available on the AMS website at www.ams.org/ annual-survey/groups.

## Graduate Students

The total number of full-time graduate students in fall 2013 in all mathematics departments combined is 16,199 , up from 15,658 in fall 2012. The total number of full-time graduate students in doctoral mathematics departments combined (Math Public, Math Private, and Applied Math) is 12,963 (up from 12,684). The number of US citizens among the doctoral mathematics departments combined decreased slightly to 6,872 and the number of US citizen first-year students remained essentially unchanged at 1,793 compared to 1,796 for fall 2012 . For the Masters Group, full-time graduate students increased $9 \%$ to 3,237 , the number of US citizens is 2,417 (up from 2,222), and the number of firstyear students is 1,383 (up from 1,302). Statistics and Biostatistics combined reported full-time graduate students as 6,255 , up from 5,749.

Figure GS.1: Graduate Students by Department Grouping


- Full-time graduate students increased in all groups except Math Public Medium and Math Public Small, which decreased slightly.
- Biostatistics departments had the largest percentage and number increase in graduate students with $19 \%$ (up 318 from 1,714 to 2,032).
- Females account for $36 \%(8,127)$ of the full-time graduate students; all groups reported increases except Math Private Small.
- First-year graduate students increased in all groups. The Biostatistics, Statistics, and Math Public Large groups had the largest percentage increases with $28 \%, 19 \%$, and $15 \%$, respectively.
- US citizen graduate students increased 5\% overall; all groups reported increases except Math Public Medium, Math Private Large, and Math Private Small, which reported slight decreases.
- Total part-time graduate students decreased in all groups except Math Private Large, Applied Math, and Masters, which increased 5\%, $35 \%$, and $6 \%$, respectively.


## Total Graduate Students: 22,453

Table GS.2: Full-Time Graduate Students in All Doctoral Math Combined by Gender and Citizenship, Fall 2006-2013 ${ }^{1}$

|  | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total full-time graduate students | 10984 | 10937 | 10883 | $\mathbf{1 1 2 8 6}$ | 13048 | $\mathbf{1 2 5 1 4}$ | $\mathbf{1 2 6 8 4}$ | $\mathbf{1 2 9 6 1}$ |
| Female | 3279 | 3249 | 3193 | 3248 | 3839 | 3773 | 3771 | 3969 |
| \% Female | $30 \%$ | $30 \%$ | $29 \%$ | $29 \%$ | $29 \%$ | $30 \%$ | $30 \%$ | $31 \%$ |
| \% U.S. Citizen | $56 \%$ | $56 \%$ | $55 \%$ | $56 \%$ | $57 \%$ | $56 \%$ | $54 \%$ | $53 \%$ |
| \% Underrepresented minorities ${ }^{2}$ | $9 \%$ | $9 \%$ | $9 \%$ | $9 \%$ | $11 \%$ | $8 \%$ | $8 \%$ | $9 \%$ |
| Total first-year full-time graduate students | $\mathbf{2 9 6 0}$ | $\mathbf{2 9 6 4}$ | $\mathbf{2 9 2 4}$ | $\mathbf{3 0 4 0}$ | $\mathbf{3 3 1 3}$ | $\mathbf{3 2 8 8}$ | $\mathbf{3 3 9 4}$ | $\mathbf{3 6 2 3}$ |
| Female | 961 | 950 | 870 | 904 | 1019 | 1077 | 1036 | 1205 |
| \% Female | $32 \%$ | $32 \%$ | $30 \%$ | $30 \%$ | $31 \%$ | $33 \%$ | $31 \%$ | $33 \%$ |
| \% U.S. Citizen | $55 \%$ | $56 \%$ | $56 \%$ | $55 \%$ | $51 \%$ | $50 \%$ | $54 \%$ | $53 \%$ |
| \% Underrepresented minorities | $10 \%$ | $10 \%$ | $10 \%$ | $9 \%$ | $9 \%$ | $9 \%$ | $7 \%$ | $10 \%$ |

${ }^{1}$ Figures adjusted since the original report are in red.
${ }^{2}$ 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.

Looking at Table GS. 2 we see that although the numbers and percentages have fluctuated somewhat among the categories, the numbers of full-time and first-year graduate students have increased this year, while the percentage of US citizens has dropped for the fourth consecutive year, and female first-year graduate students has increased. The number of full-time and full-time first-year graduate students have both reached an eight-year high, increasing $18 \%$ and $22 \%$ from their levels in 2006.

## Remarks on Statistical Procedures

The questionnaire on which this report is based, "Departmental Profile", is sent to all doctoral and master's departments.

The 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 very 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 nonresponse are then made to arrive at the estimates reported for the entire groups.

Standard errors were calculated for some of the key estimates for all Doctoral Math Groups (Math Public, Math Private, and Applied Math) combined, for Groups Masters and Bachelors, and for Statistics and Biostatistics combined. 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 Group Masters is estimated at 4,516 with a standard error of 100 . This means the actual number of full-time faculty in Group Masters is most likely between 4,516 plus or minus two standard errors, or between 4,316 and 4,716 . This is much more informative than simply giving the estimate of 4,516 .

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 2,174 , with a standard error of 92 .

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).

Survey Response Rates by Grouping

## Departmental Profile Department Response Rates

| Department Group | Number | Percent | Imputed $^{\prime}$ |
| :--- | :---: | :---: | :---: |
| Math Public Large | 25 of 26 | $96 \%$ | 2 |
| Math Public Medium | 40 of 40 | $100 \%$ | 3 |
| Math Public Small | 61 of 64 | $95 \%$ | 13 |
| Math Private Large | 24 of 24 | $100 \%$ | 5 |
| Math Private Small | 27 of 28 | $97 \%$ | 3 |
| Applied Math | 2 of $25^{2}$ | $92 \%$ | 2 |
| Statistics | 55 of 59 | $93 \%$ | 12 |
| Biostatistics | 32 of $34^{2}$ | $74 \%$ | 9 |
| Masters | 136 of 182 | $75 \%$ | 39 |
| Bachelors | 565 of 1,002 | $56 \%$ | 135 |

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.

Supplemental Table(s) for the Report on Departmental Profile
Faculty Size

Supplemental Table F.1: Total Faculty, Fall 2013*

|  | Math <br> Public <br> Large | Math <br> Public Medium | Math <br> Public <br> Small | Math <br> Private Large | Math <br> Private <br> Small | Applied Math |  | Masters | Bachelors | All Math Combined | Statistics | Biostatistics |  <br> Biostatistics <br> Combined | Total All <br> Groups Combined |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total full-time faculty | 2154 | 2018 | 2218 | 1073 | 817 | 563 | 8843 | 4597 | 9166 | 22606 | 1183 | 1005 | 2188 | 24794 |
| Standard error | 49 | 28 | 61 | 38 | 26 | 26 | 99 | 100 | 171 | 222 | 46 | 92 | 92 | 283 |
| Tenured | 1206 | 1107 | 1210 | 552 | 469 | 323 | 4866 | 2620 | 5237 | 12724 | 671 | 380 | 1051 | 13775 |
| Tenure-eligible (without tenure) | 179 | 244 | 323 | 90 | 93 | 55 | 983 | 656 | 1869 | 3508 | 190 | 235 | 425 | 3934 |
| Postdoctoral appointments | 408 | 187 | 105 | 286 | 88 | 85 | 1159 | 40 | 117 | 1316 | 121 | 101 | 222 | 1538 |
| Non-tenured-track | 361 | 480 | 581 | 145 | 167 | 100 | 1834 | 1280 | 1944 | 5058 | 201 | 289 | 490 | 5548 |
| Renewable appointments | 290 | 412 | 456 | 72 | 133 | 91 | 1454 | 994 | 1330 | 3778 | 176 | 254 | 430 | 4208 |
| Probationary status | 16 | 16 | 32 | 0 | 6 | 0 | 69 | 30 | 89 | 189 | 6 | 0 | 6 | 195 |
| Short-term appointments | 39 | 51 | 79 | 68 | 28 | 6 | 271 | 253 | 525 | 1049 | 9 | 6 | 15 | 1064 |
| Research only appointments | 17 | 1 | 14 | 5 | 0 | 3 | 39 | 2 | 0 | 41 | 9 | 30 | 39 | 80 |
| Doctoral full-time faculty | 2034 | 1779 | 1834 | 1069 | 768 | 523 | 8007 | 3604 | 7192 | 18803 | 1133 | 933 | 2066 | 20868 |
| Standard error | 45 | 25 | 48 | 38 | 21 | 23 | 33 | 60 | 79 | 105 | 45 | 77 | 77 | 117 |
| Tenured | 1203 | 1105 | 1196 | 551 | 469 | 323 | 4847 | 2556 | 4799 | 12202 | 670 | 379 | 1048 | 13251 |
| Tenure-eligible (without tenure) | 179 | 244 | 321 | 90 | 93 | 55 | 982 | 636 | 1697 | 3316 | 183 | 235 | 419 | 3734 |
| Postdoctoral appointments | 404 | 187 | 104 | 286 | 88 | 85 | 1154 | 40 | 107 | 1301 | 121 | 101 | 222 | 1522 |
| Non-tenured-track | 249 | 243 | 212 | 143 | 118 | 60 | 1025 | 371 | 588 | 1984 | 159 | 218 | 377 | 2361 |
| Renewable appointments | 186 | 200 | 160 | 69 | 87 | 54 | 756 | 283 | 287 | 1326 | 136 | 183 | 319 | 1645 |
| Probationary status | 12 | 6 | 16 | 0 | 5 | 0 | 39 | 8 | 34 | 81 | 5 | 0 | 5 | 86 |
| Short-term appointments | 34 | 36 | 25 | 68 | 26 | 4 | 193 | 81 | 267 | 540 | 8 | 6 | 14 | 554 |
| Research only appointments | 17 | 1 | 12 | 5 | 0 | 3 | 37 | 0 |  | 37 | 9 | 30 | 39 | 76 |
| Nondoctoral full-time faculty | 120 | 239 | 385 | 4 | 49 | 40 | 836 | 993 | 1975 | 3803 | 50 | 72 | 122 | 3925 |
| Standard error | 14 | 11 | 25 | 1 | 7 | 7 | 33 | 60 | 79 | 105 | 7 | 60 | 27 | 117 |
| Tenured | 3 | 2 | 13 | 1 | 0 | 0 | 20 | 64 | 437 | 521 | 1 | 1 | 2 | 524 |
| Tenure-eligible (without tenure) | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 20 | 171 | 193 | 6 | 0 | 6 | 199 |
| Postdoctoral appointments | 4 | 0 | 1 | 0 | 0 | 0 | 5 | 0 | 10 | 15 | 0 | 0 | 0 | 15 |
| Non-tenured-track | 112 | 237 | 369 | 3 | 49 | 40 | 809 | 908 | 1356 | 3074 | 42 | 71 | 113 | 3187 |
| Renewable appointments | 104 | 212 | 296 | 3 | 46 | 38 | 698 | 712 | 1043 | 2452 | 40 | 71 | 111 | 2563 |
| Probationary status | 4 | 10 | 16 | 0 | 1 | 0 | 30 | 23 | 55 | 108 | 1 | 0 | 1 | 109 |
| Short-term appointments | 5 | 15 | 54 | 0 | 2 | 3 | 78 | 172 | 258 | 509 | 1 | 0 | 1 | 510 |
| Research only appointments | 0 | 0 | 3 | 0 | 0 | 0 | 3. | 2 | 0 | 4 | 0 | 0 | 0 | 4 |
| Total part-time faculty | 135 | 411 | 478 | 61 | 135 | 123 | 1342 | 2148 | 4369 | 7860 | 193 | 133 | 325 | 8185 |
| Standard error | 16 | 20 | 30 | 9 | 9 | 18 | 45 | 143 | 156 | 216 | 25 | 63 | 63 | 241 |
| Doctoral | 83 | 182 | 141 | 47 | 79 | 55 | 588 | 353 | 848 | 1789 | 120 | 127 | 247 | 2036 |
| Faculty no benefits received | 79 | 172 | 128 | 38 | 79 | 51 | 548 | 285 | 774 | 1607 | 113 | 127 | 240 | 1846 |
| Other part-time faculty | 4 | 9 | 13 | 9 |  | 4 | 40 | 68 | 74 | 182 |  | 0 |  | 189 |
| NonDoctoral | 52 | 229 | 336 | 14 | 56 | 68 | 755 | 1795 | 3521 | 6071 | 73 | 6 | 79 | 6149 |
| Faculty no benefits received | 51 | 218 | 313 | 13 | 56 | 68 | 718 | 1679 | 3401 | 5798 | 58 | 6 | 63 | 5862 |
| Other part-time faculty | 1 | 11 | 23 | 1 | 0 | 0 | 36 | 116 | 120 | 272 | 15 | 0 | 15 | 288 |

*Figures in red indicate corrections from published report

Supplemental Table(s) for the Report on Departmental Profile

## Faculty Size

Supplemental Table F.2: Summary of Full-Time and Part-Time Faculty, Fall 2013

|  | GROUP |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | All Doctoral Math Combined |  | Masters \& Bachelors |  | Statistics \& Biostatistics |  | Total |  |
|  | Male | Female | Male | Female | Male | Female | Male | Female |
| Full-time faculty | 6860 | 1983 | 8932 | 4831 | 2188 | 702 | 17980 | 7516 |
| Percentage | 78\% | 22\% | 65\% | 35\% | 76\% | 24\% | 71\% | 29\% |
| Doctoral full-time faculty | 6516 | 1492 | 7147 | 3259 | 1429 | 637 | 15092 | 5387 |
| Percentage | 81\% | 19\% | 69\% | 31\% | 69\% | 31\% | 74\% | 26\% |
| Tenured | 4224 | 623 | 5356 | 1999 | 799 | 249 | 10379 | 2871 |
| Percentage | 87\% | 13\% | 73\% | 27\% | 76\% | 24\% | 78\% | 22\% |
| Tenure-eligible (without tenure) | 743 | 239 | 1441 | 893 | 276 | 142 | 2460 | 1275 |
| Percentage | 76\% | 24\% | 62\% | 38\% | 66\% | 34\% | 66\% | 34\% |
| Postdoctoral appointments | 921 | 233 | 113 | 34 | 167 | 55 | 1201 | 322 |
| Percentage | 80\% | 20\% | 77\% | 23\% | 75\% | 25\% | 79\% | 21\% |
| Non-tenure-track | 744 | 13 | 237 | 333 | 291 | 28 | 1272 | 373 |
| Percentage | 98\% | 2\% | 42\% | 58\% | 91\% | 9\% | 77\% | 23\% |
| Nondoctoral full-time faculty | 344 | 492 | 1395 | 1572 | 57 | 65 | 1797 | 2129 |
| Percentage | 41\% | 59\% | 47\% | 53\% | 47\% | 53\% | 46\% | 54\% |
| Tenured | 13 | 6 | 290 | 212 | 2 | 0 | 306 | 218 |
| Precentage | 68\% | 32\% | 58\% | 42\% | - | - | 58\% | 42\% |
| Tenure-eligible (without tenure) | 0 | 1 | 81 | 111 | 2 | 4 | 83 | 116 |
| Percentage | 0\% | 100\% | 42\% | 58\% | 36\% | 64\% | 42\% | 58\% |
| Postdoctoral appointments | 2 | 3 | 9 | 1 | 0 | 0 | 11 | 4 |
| Percentage | 43\% | 57\% | 89\% | 11\% | - | - | 73\% | 27\% |
| Non-tenure-track | 328 | 481 | 1015 | 1249 | 52 | 61 | 1396 | 1791 |
| Percentage | 41\% | 59\% | 45\% | 55\% | 46\% | 54\% | 44\% | 56\% |
| Part-time | 836 | 506 | 3746 | 2771 | 207 | 118 | 4790 | 3395 |
| Percentage | 62\% | 38\% | 57\% | 43\% | 64\% | 36\% | 59\% | 41\% |
| Doctoral | 424 | 163 | 843 | 358 | 174 | 73 | 1442 | 594 |
| Percentage | 72\% | 28\% | 70\% | 30\% | 71\% | 29\% | 71\% | 29\% |
| Nondoctoral | 412 | 343 | 2903 | 2413 | 34 | 45 | 3349 | 2801 |
| Percentage | 55\% | 45\% | 55\% | 45\% | 43\% | 57\% | 54\% | 46\% |

[^1]Supplemental Table(s) for the Report on Departmental Profile Faculty Size

Supplemental Table F.3: Part-Time Faculty, Fall 2013

| Part-time Faculty | GROUP |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | All Doctoral Math Combined |  | Masters |  | Bachelors |  | Statistics \& Biostatistics |  | Total |  |
|  | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| Doctoral | 424 | 163 | 251 | 103 | 593 | 255 | 174 | 73 | 1442 | 594 |
| Nondoctoral | 412 | 343 | 1035 | 760 | 1868 | 1653 | 34 | 45 | 3349 | 2801 |
| Total | 836 | 506 | 1286 | 862 | 2460 | 1909 | 207 | 118 | 4790 | 3395 |

[^2]
## Annual Survey

of the Mathematical Sciences
AMS • ASA • IMS • MAA • SIAM
Supplemental Table(s) for the Report on Departmental Profile

## Faculty Size

Supplemental Table F.4: Full-time Faculty Teaching Courses Outside the Mathematical Sciences, Fall 2013

| Full-time Faculty | Math <br> Public <br> Large | Math <br> Public <br> Medium | Math <br> Public <br> Small | Math <br> Private Large | Math <br> Private Small | Applied <br> Math | All Doctoral Math Combined | Masters | Bachelors | All Math <br> Combined | Statistics | Biostatistics | Statistics \& Biostatistics Combined | Total All Groups Combined |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Teaching Outside the Math. Sci. | 30 | 15 | 36 | 20 | 30 | 11 | 142 | 301 | 1528 | 1972 | 72 | 82 | 154 | 2125 |
| Standard Error | 3 | 0.0 | 3 | 4 | 4 | 4 | 7 | 27 | 59 | 66 | 9 | 19 | 19 | 73 |
| Percentage of full-time faculty | 1\% | 1\% | 2\% | 2\% | 4\% | 2\% | 2\% | 7\% | 17\% | 8\% | 6\% | 8\% | 7\% | 9\% |
| Teaching Computer Science only | 18 | 1 | 4 | 18 | 20 | 3.0 | 64 | 284 | 421 | 769 | 0 | 2 | 2 | 772 |
| Standard Error | 1 | 0.0 | 2 | 3 | 3 | 0.4 | 5 | 18 | 30 | 36 | 0 | 1 | 1 | 36 |
| Percentage of full-time Outside Math. Sci. | 58\% | 8\% | 11\% | 91\% | 67\% | 26\% | 45\% | 94\% | 28\% | 39\% | 0\% | 3\% | 2\% | 36\% |

Annual Survey
of the Mathematical Sciences
AMS • ASA • IMS •MAA • SIAM
Supplemental Table(s) for the Report on Departmental Profile
Doctoral Faculty

Supplemental Table DF.1: Doctoral Full-Time Faculty, Fall 2013

| Full-time Faculty | GROUP |  |  |  |  |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | All Doctoral Math Combined |  | Masters |  | Bachelors |  | Statiistcs \& Biostatistics |  |  |
|  | Male | Female | Male | Female | Male | Female | Male | Female |  |
| With a Doctorate | 6516 | 1492 | 2533 | 1071 | 5003 | 2188 | 1429 | 637 | 20868 |
| Tenured | 4224 | 623 | 1893 | 663 | 3464 | 1336 | 799 | 249 | 13251 |
| Tenure-eligible (without tenure) | 743 | 239 | 389 | 247 | 1051 | 646 | 276 | 142 | 3734 |
| Postdoctoral appointments | 921 | 233 | 38 | 2 | 75 | 32 | 167 | 55 | 1522 |
| Non-tenure-track | 628 | 397 | 213 | 158 | 414 | 174 | 187 | 190 | 2361 |
| Renewable appointments | 438 | 318 | 156 | 127 | 217 | 70 | 166 | 153 | 1645 |
| Probationary status | 26 | 13 | 2 | 6 | 25 | 9 | 1 | 4 | 86 |
| Short-term appointments | 140 | 52 | 56 | 25 | 171 | 96 | 9 | 5 | 554 |
| Research only appointments | 24 | 13 | 0 | 0 | 0 | 0 | 11 | 28 | 76 |

*Figures in red indicate corrections from published report.

## Supplemental Table(s) for the Report on Departmental Profile

## Nondoctoral Faculty

Supplemental Table NF.1: Nondoctoral Full-Time Faculty, Fall 2013

| Full-time Faculty | GROUP |  |  |  |  |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | All Doctoral Math Combined |  | Masters |  | Bachelors |  | Statiistcs \& Biostatistics |  |  |
|  | Male | Female | Male | Female | Male | Female | Male | Female |  |
| Without a Doctorate | 344 | 492 | 445 | 548 | 951 | 1024 | 57 | 65 | 3925 |
| Tenured | 13 | 6 | 41 | 23 | 249 | 188 | 2 | 0 | 524 |
| Tenure-eligible (without tenure) | 0 | 1 | 10 | 11 | 71 | 100 | 2 | 4 | 199 |
| Postdoctoral appointments | 2 | 3 | 0 | 0 | 9 | 1 | 0 | 0 | 15 |
| Non-tenure-track | 328 | 481 | 394 | 514 | 621 | 734 | 52 | 61 | 3187 |
| Renewable appointments | 276 | 422 | 301 | 410 | 436 | 607 | 52 | 59 | 2563 |
| Probationary status | 13 | 17 | 14 | 8 | 33 | 22 | 0 | 1 | 109 |
| Short-term appointments | 38 | 40 | 77 | 96 | 153 | 105 | 0 | 1 | 510 |
| Research only appointments | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 4 |

Supplemental Table(s) for the Report on Departmental Profile
Female Faculty

Supplemental Table FF.1: Total Female Faculty, Fall 2013

|  | Math <br> Public <br> Large | Math Public Medium | Math <br> Public <br> Small | Math <br> Private <br> Large | Math <br> Private <br> Small | Applied Math |  | Masters | Bachelors | All Math Combined | Statistics | Biostatistics |  <br> Biostatistics <br> Combined | Total All Groups Combined |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total female full-time faculty | 419 | 511 | 607 | 161 | 180 | 105 | 1983 | 1619 | 3212 | 6814 | 308 | 394 | 702 | 7516 |
| Standard error | 16 | 12 | 28 | 6 | 7 | 7 | 36 | 42 | 85 | 101 | 16 | 36 | 36 | 121 |
| Tenured | 136 | 129 | 207 | 51 | 66 | 40 | 629 | 687 | 1524 | 2840 | 130 | 120 | 249 | 3089 |
| Tenure-eligible (without tenure) | 44 | 66 | 83 | 9 | 23 | 16 | 240 | 257 | 746 | 1244 | 63 | 83 | 147 | 1391 |
| Postdoctoral appointments | 84 | 38 | 23 | 61 | 21 | 9 | 236 | 2 | 33 | 271 | 22 | 32 | 55 | 326 |
| Non-tenured-track | 155 | 278 | 294 | 40 | 70 | 40 | 878 | 673 | 909 | 2459 | 93 | 159 | 251 | 2710 |
| Renewable appointments | 143 | 238 | 240 | 21 | 62 | 36 | 740 | 537 | 677 | 1955 | 76 | 136 | 212 | 2166 |
| Probationary status | 1 | 12 | 16 | 0 | 1 | 0 | 30 | 15 | 31 | 76 | 5 | 0 | 5 | 81 |
| Short-term appointments | 7 | 28 | 32 | 15 | 7 | 4 | 93 | 121 | 201 | 415 | 6 | 0 | 6 | 421 |
| Research only appointments | 4 | 0 | 6 | 4 | 0 | 0 | 14 | 0 | 0 | 14 | 5 | 22 | 28 | 42 |
| Doctoral female full-time faculty | 351 | 354 | 387 | 161 | 152 | 86 | 1492 | 1071 | 2188 | 4751 | 282 | 355 | 637 | 5387 |
| Standard error | 45 | 25 | 48 | 38 | 21 | 23 | 33 | 60 | 79 | 105 | 45 | 77 | 77 | 117 |
| Tenured | 135 | 129 | 202 | 51 | 66 | 40 | 623 | 663 | 1336 | 2622 | 130 | 120 | 249 | 2871 |
| Tenure-eligible (without tenure) | 44 | 66 | 82 | 9 | 23 | 16 | 239 | 247 | 646 | 1132 | 59 | 83 | 142 | 1275 |
| Postdoctoral appointments | 81 | 38 | 23 | 61 | 21 | 9 | 233 | 2 | 32 | 267 | 22 | 32 | 55 | 322 |
| Non-tenured-track | 91 | 121 | 81 | 40 | 42 | 21 | 397 | 158 | 174 | 729 | 71 | 120 | 190 | 920 |
| Renewable appointments | 82 | 96 | 64 | 21 | 35 | 20 | 318 | 127 | 70 | 515 | 56 | 97 | 153 | 668 |
| Probationary status | 1 | 4 | 6 | 0 | 1 | 0 | 13 | 6 | 9 | 28 | 4 | 0 | 4 | 32 |
| Short-term appointments | 5 | 20 | 5 | 15 | 6 | 1 | 52 | 25 | 96 | 173 | 5 | 0 | 5 | 179 |
| Research only appointments | 4 | 0 | 5 | 4 | 0 | 0 | 13 | 0 | 0 | 13 | 5 | 22 | 28 | 40 |
| Nondoctoral female full-time faculty | 68 | 157 | 220 | 0 | 28 | 19 | 492 | 548 | 1024 | 2064 | 26 | 39 | 65 | 2129 |
| Standard error | 14 | 11 | 25 | 1 | 7 | 7 | 33 | 60 | 79 | 105 | 7 | 60 | 27 | 117 |
| Tenured | 1 | 0 | 5 | 0 | 0 | 0 | 6 | 23 | 188 | 218 | 0 | 0 | 0 | 218 |
| Tenure-eligible (without tenure) | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 11 | 100 | 112 | 4 | 0 | 4 | 116 |
| Postdoctoral appointments | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 1 | 4 | 0 | 0 | 0 | 4 |
| Non-tenured-track | 64 | 157 | 214 | 0 | 28 | 19 | 481 | 514 | 734 | 1730 | 22 | 39 | 61 | 1791 |
| Renewable appointments | 61 | 142 | 176 | 0 | 27 | 16 | 422 | 410 | 607 | 1439 | 19 | 39 | 59 | 1498 |
| Probationary status | 0 | 8 | 10 | 0 | 0 | 0 | 17 | 8 | 22 | 48 | 1 | 0 | 1 | 49 |
| Short-term appointments | 2 | 8 | 27 | 0 | 1 | 3 | 40 | 96 | 105 | 241 | 1 | 0 | 1 | 243 |
| Research only appointments | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| Total female part-time faculty | 49 | 166 | 188 | 17 | 49 | 38 | 506 | 862 | 1909 | 3277 | 73 | 45 | 118 | 3395 |
| Standard error | 16 | 20 | 30 | 9 | 9 | 18 | 45 | 143 | 156 | 216 | 25 | 63 | 63 | 241 |
| Doctoral | 27 | 59 | 31 | 13 | 20 | 14 | 163 | 103 | 255 | 521 | 32 | 41 | 73 | 594 |
| Faculty no benefits received | 27 | 57 | 27 | 10 | 20 | 14 | 154 | 81 | 220 | 456 | 29 | 41 | 70 | 526 |
| Other part-time faculty | 0 | 2 | 4 | 3 | 0 |  |  | 21 | 35 | 66 | 3 | 0 | 3 | 69 |
| NonDoctoral | 22 | 107 | 157 | 4 | 29 | 24 | 343 | 760 | 1653 | 2756 | 41 | 4 | 45 | 2801 |
| Faculty no benefits received | 22 | 104 | 144 | 3 | 29 | 24 | 325 | 700 | 1582 | 2607 | 26 | 4 | 30 | 2637 |

*Figures in red indicate corrections from published report

Female Faculty

Supplemental Table FF.2: Summary of Total Female Faculty, Fall 2013

|  | Math <br> Public <br> Large | Math Public Medium | Math <br> Public <br> Small | Math <br> Private Large | Math <br> Private Small | Applied Math |  | Masters | Bachelors | All Math Combined | Statistics | Biostatistics |  <br> Biostatistics Combined | Total All Groups Combined |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total female full-time faculty | 419 | 511 | 607 | 161 | 180 | 105 | 1983 | 1619 | 3212 | 6814 | 308 | 394 | 702 | 7516 |
| Standard error | 16 | 12 | 28 | 6 | 7 | 7 | 36 | 42 | 85 | 101 | 16 | 36 | 36 | 121 |
| Tenured | 136 | 129 | 207 | 51 | 66 | 40 | 629 | 687 | 1524 | 2840 | 130 | 120 | 249 | 3089 |
| Tenure-eligible (without tenure) | 44 | 66 | 83 | 9 | 23 | 16 | 240 | 257 | 746 | 1244 | 63 | 83 | 147 | 1391 |
| Postdoctoral appointments | 84 | 38 | 23 | 61 | 21 | 9 | 236 | 2 | 33 | 271 | 22 | 32 | 55 | 326 |
| Non-tenured-track | 155 | 278 | 294 | 40 | 70 | 40 | 878 | 673 | 909 | 2459 | 93 | 159 | 251 | 2710 |
| Doctoral female full-time faculty | 351 | 354 | 387 | 161 | 152 | 86 | 1492 | 1071 | 2188 | 4751 | 282 | 355 | 637 | 5387 |
| Standard error | 45 | 25 | 48 | 38 | 21 | 23 | 33 | 60 | 79 | 105 | 45 | 77 | 77 | 117 |
| Tenured | 135 | 129 | 202 | 51 | 66 | 40 | 623 | 663 | 1336 | 2622 | 130 | 120 | 249 | 2871 |
| Tenure-eligible (without tenure) | 44 | 66 | 82 | 9 | 23 | 16 | 239 | 247 | 646 | 1132 | 59 | 83 | 142 | 1275 |
| Postdoctoral appointments | 81 | 38 | 23 | 61 | 21 | 9 | 233 | 2 | 32 | 267 | 22 | 32 | 55 | 322 |
| Non-tenured-track | 91 | 121 | 81 | 40 | 42 | 21 | 397 | 158 | 174 | 729 | 71 | 120 | 190 | 920 |
| Nondoctoral female full-time faculty | 68 | 157 | 220 | 0 | 28 | 19 | 492 | 548 | 1024 | 2064 | 26 | 39 | 65 | 2129 |
| Standard error | 14 | 11 | 25 | 1 | 7 | 7 | 33 | 60 | 79 | 105 | 7 | 60 | 27 | 117 |
| Tenured | 1 | 0 | 5 | 0 | 0 | 0 | 6 | 23 | 188 | 218 | 0 | 0 | 0 | 218 |
| Tenure-eligible (without tenure) | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 11 | 100 | 112 | 4 | 0 | 4 | 116 |
| Postdoctoral appointments | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 1 | 4 | 0 | 0 | 0 | 4 |
| Non-tenured-track | 64 | 157 | 214 | 0 | 28 | 19 | 481 | 514 | 734 | 1730 | 22 | 39 | 61 | 1791 |
| Total female part-time faculty | 49 | 166 | 188 | 17 | 49 | 38 | 506 | 862 | 1909 | 3277 | 73 | 45 | 118 | 3395 |
| Standard error | 16 | 20 | 30 | 9 | 9 | 18 | 45 | 143 | 156 | 216 | 25 | 63 | 63 | 241 |
| Doctoral | 27 | 59 | 31 | 13 | 20 | 14 | 163 | 103 | 255 | 521 | 32 | 41 | 73 | 594 |
| NonDoctoral | 22 | 107 | 157 | 4 | 29 | 24 | 343 | 760 | 1653 | 2756 | 41 | 4 | 45 | 2801 |

Supplemental Table(s) for the Report on Departmental Profile

Female Faculty

Supplemental Table FF.3: Full-Time Faculty with Percent Female, Fall 2013

|  | Math. <br> Public <br> Large | Math. <br> Public <br> Medium | Math. <br> Public <br> Small | Math. <br> Private <br> Large | Math. <br> Private <br> Small | Applied <br> Math. | All <br> Doctoral <br> Math. <br> Combined | Masters | Bachelors | All Math. <br> Combined | Statistics | Biostatistics | All Groups Combined |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Full-time faculty | 2154 | 2018 | 2218 | 1073 | 817 | 563 | 8843 | 4597 | 9166 | 22606 | 1183 | 1005 | 24794 |
| Percentage of total full-time faculty | 9\% | 8\% | 9\% | 4\% | 3\% | 2\% | 36\% | 19\% | 37\% | 91\% | 5\% | 4\% | 100\% |
| Female full-time faculty | 419 | 511 | 607 | 161 | 180 | 105 | 1983 | 1619 | 3212 | 6814 | 308 | 394 | 7516 |
| Percentage of total female full-time faculty | 6\% | 7\% | 8\% | 2\% | 2\% | 1\% | 26\% | 22\% | 43\% | 91\% | 4\% | 5\% | 100\% |
| As a percentage of female full-time faculty within group | 19\% | 25\% | 27\% | 15\% | 22\% | 19\% | 22\% | 35\% | 35\% | 30\% | 26\% | 39\% | 30\% |

Supplemental Table(s) for the Report on Departmental Profile

## Female Faculty

Supplemental Table FF.4: Mathematics Faculty Counts and Percentage Female, Fall 2004-2013

|  | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013** |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| All Doctoral Mathematics |  |  |  |  |  |  |  |  |  |  |
| Doctoral full-time faculty |  |  |  |  |  |  |  |  |  |  |
| Tenured/tenure-eligible | 5604 | 5686 | 5668 | 5709 | 5666 | 5834 | 5742 | 5775 | 5812 | 5829 |
| Percentage female | 11\% | 11\% | 12\% | 12\% | 13\% | 13\% | 14\% | 14\% | 14\% | 15\% |
| Nontenured* | 1314 | 1401 | 1461 | 1576 | 1598 | 1681 | 1770 | 1837 | 1996 | 2178 |
| Percentage female | 25\% | 24\% | 25\% | 25\% | 25\% | 27\% | 28\% | 27\% | 27\% | 29\% |
| Part-time faculty | 1355 | 1054 | 1128 | 1143 | 1165 | 1154 | 1118 | 1099 | 1174 | 1342 |
| Percentage female | 37\% | 37\% | 40\% | 37\% | 37\% | 39\% | 38\% | 38\% | 36\% | 32\% |
| Group M |  |  |  |  |  |  |  |  |  |  |
| Doctoral full-time faculty |  |  |  |  |  |  |  |  |  |  |
| Tenured/tenure-eligible | 3113 | 3351 | 3400 | 3325 | 3403 | 3208 | 3124 | 3143 | 3154 | 3192 |
| Percentage female | 23\% | 24\% | 25\% | 25\% | 26\% | 27\% | 27\% | 28\% | 28\% | 29\% |
| Nontenured* | 277 | 263 | 283 | 232 | 232 | 220 | 236 | 245 | 275 | 411 |
| Percentage female | 48\% | 36\% | 28\% | 38\% | 32\% | 31\% | 38\% | 39\% | 38\% | 39\% |
| Part-time faculty | 1888 | 1842 | 1493 | 1868 | 1824 | 1802 | 1781 | 1762 | 2084 | 2148 |
| Percentage female | 37\% | 37\% | 41\% | 39\% | 42\% | 44\% | 43\% | 42\% | 44\% | 42\% |
| Group B |  |  |  |  |  |  |  |  |  |  |
| Doctoral full-time faculty |  |  |  |  |  |  |  |  |  |  |
| Tenured/tenure-eligible | 5770 | 6875 | 6623 | 6427 | 6733 | 6914 | 6783 | 6594 | 6605 | 6496 |
| Percentage female | 25\% | 25\% | 27\% | 27\% | 25\% | 29\% | 29\% | 29\% | 29\% | 31\% |
| Nontenured* | 472 | 516 | 545 | 363 | 532 | 636 | 521 | 672 | 685 | 695 |
| Percentage female | 29\% | 32\% | 25\% | 33\% | 26\% | 28\% | 23\% | 34\% | 33\% | 30\% |
| Part-time faculty | 4846 | 3630 | 3922 | 4053 | 3703 | 3614 | 3167 | 3087 | 3649 | 4369 |
| Percentage female | 44\% | 41\% | 40\% | 43\% | 46\% | 43\% | 47\% | 43\% | 41\% | 44\% |

* Includes postdoctoral appointments.
**Figures in red indicate corrections from published report.


## Annual Survey

 of the Mathematical Sciences
## Section on Undergraduate Course Enrollments

Supplemental Table UE.1: Undergraduate Enrollment per Full-time-Faculty Member, Fall 2013

|  | Math. Public Large | Math. Public Medium | Math. Public Small | Math. Private Large | Math. Private Small | Applied Math. | Masters | Bachelors | Statistics | Biostatistics |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Undergraduate Enrollment | 105 | 136 | 138 | 46 | 81 | 71 | 120 | 92 | 80 | 4 |

*Figures in red indicate corrections from published report.

Supplemental Table UE.2: Undergraduate Enrollment by Department Group, 2008-2013
(Thousands)

|  | 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 |
| Standard error | 4 | 4 | 4 | 1 | 1 | 2 | 10 | 14 | 3 | 1 | 20 |

## Section on Undergraduate Course Enrollments

Supplemental Table GE.1: Graduate Enrollment per Full-time Tenured and Tenure-eligible Faculty Member, Fall 2013

|  | Math. Public <br> Large | Math. Public <br> Medium | Math. Public <br> Small | Math. Private <br> Large | Math. <br> Private Small | Applied <br> Math. | Masters | Bachelors | Statistics |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Biostatistics |  |  |  |  |  |  |  |  |  |

${ }^{*}$ Figures in red indicate corrections from published report.

Supplemental Table GE.2: Graduate Course Enrollments by Department Group, 2012-2013
(Thousands)

|  | Math. Public Large | Math. Public Medium | Math. Public Small | Math. Private Large | Math. <br> Private Small | Applied <br> 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 |
| Standard error | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 |  |

Annual Survey
of the Mathematical Sciences AMS • ASA • IMS • MAA • SIAM

Supplemental Table(s) for the Report on Departmental Profile

Undergraduate Degrees Awarded

Supplemental Table UD.1: Undergraduate Degrees Awarded, 2012-2013*
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 | Bachelors | All Math. <br> Combined | Statistics | Biostatistics | Statistics \& Biostatistics Combined | Total All Groups Combined |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total Undergraduate Degrees |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Degrees Awarded | 3634 | 2380 | 1981 | 1425 | 1020 | 660 | 4819 | 12504 | 28423 | 1249 | 47 | 1296 | 29719 |
| Standard error | 107 | 31 | 41 | 0 | 31 | 59 | 145 | 301 | 361 | 89 | 17 | 90 | 407 |
| Statistics only | 82 | 43 | 70 | 3 | 13 | 17 | 175 | 207 | 611 | 716 | 13 | 729 | 1340 |
| Computer Science only | 22 | 0 | 35 | 21 | 37 | 0 | 248 | 1450 | 1811 | 1 | 0 | 1 | 1812 |
| Female Undergraduate Degrees |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Degrees Awarded | 1323 | 869 | 798 | 410 | 377 | 241 | 2256 | 5463 | 11737 | 523 | 18 | 541 | 12278 |
| Statistics only | 34 | 12 | 30 | 2 | 4 | 1 | 84 | 118 | 285 | 315 | 4 | 319 | 604 |
| Computer Science only | 7 | 0 | 4 | 5 | 9 | 0 | 44 | 261 | 329 | 1 | 0 | 1 | 330 |

Degrees awarded between July 1, 2012 and June 30, 2013.

Supplemental Table UD.2: Undergraduate Degrees Awarded,
All Mathematics Combined for 2006-2013*

|  | $2007-2008$ | $2008-2009$ | $2009-2010$ | $2010-2011$ | $2011-2012$ | $2012-2013$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Total Undergraduate Degrees Awarded | $\mathbf{2 6 6 0 2}$ | $\mathbf{2 4 3 2 8}$ | $\mathbf{2 3 4 3 8}$ | $\mathbf{2 5 6 2 1}$ | $\mathbf{2 6 7 6 1}$ | $\mathbf{2 8 4 2 3}$ |
| Female Undergraduate Degrees Awarded | 10868 | 9987 | 10118 | 10293 | 10980 | 11737 |
| Percentage female | $41 \%$ | $41 \%$ | $43 \%$ | $44 \%$ | $41 \%$ | $41 \%$ |

Degrees awarded between July 1 and June 30 of the years indicated.

## Annual Survey

of the Mathematical Sciences
AMS • ASA • IMS • MAA • SIAM

American Mathematical Society. Providence, RI 02940-6248
Email: ams-survey@ams.org .Tel: 800-321-4267
Web: www.ams.org/annual-survey

## Supplemental Table(s) for the Report on Departmental Profile

## Master's Degrees Awarded

Supplemental Table MD.1: Master's Degrees Awarded, 2012-2013*
by Type of Degree-Granting Department Group

|  | Math. Public Large | Math. Public Medium | Math. Public Small | Math. Private Large | Math. Private Small | Applied <br> Math. | Masters | All Math. <br> Combined | Statistics | Biostatistics |  <br> Biostatistics <br> Combined | Total All Groups Combined |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total Master's |  |  |  |  |  |  |  |  |  |  |  |  |
| Degrees Awarded | 514 | 665 | 670 | 420 | 180 | 416 | 1754 | 4619 | 1320 | 455 | 1775 | 6395 |
| Standard error | 15 | 0 | 18 | 0 | 8 | 35 | 59 | 73 | 66 | 37 | 75 | 136 |
| Statistics only | 34 | 97 | 134 | 18 | 14 | 79 | 229 | 605 | 1248 | 353 | 1601 | 2207 |
| Computer Science only | 1 | 0 | 13 | 3 | 1 | 0 | 68 | 86 | 1 | 0 | 1 | 87 |
| Female Master's |  |  |  |  |  |  |  |  |  |  |  |  |
| Degrees Awarded | 162 | 237 | 247 | 121 | 59 | 133 | 776 | 1735 | 644 | 263 | 907 | 2643 |
| Statistics only | 18 | 36 | 58 | 7 | 5 | 39 | 107 | 270 | 612 | 196 | 809 | 1079 |
| Computer Science only | 1 | 0 | 6 | 1 | 1 | 0 | 23 | 32 | 0 | 0 | 0 | 32 |

*Degrees awarded between July 1, 2012 and June 30, 2013.

Supplemental Table MD.2: Master's Degrees Awarded,
All Mathematics Combined for 2007-2013*

|  | $2007-2008$ | $2008-2009$ | $2009-2010$ | $2010-2011$ | $2011-2012$ | $2012-2013$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total Master's Degrees Awarded | 4265 | 4060 | 4265 | 4423 | 4370 | 4619 |
| Female Master's Degrees Awarded | 1731 | 1633 | 1723 | 1745 | 1728 | 1735 |
| Percentage female | $41 \%$ | $40 \%$ | $40 \%$ | $39 \%$ | $40 \%$ | $38 \%$ |

*Degrees awarded between July 1 and June 30 of the years indicated.

## Annual Survey

of the Mathematical Sciences
AMS • ASA • IMS • MAA • SIAM
Supplemental Table(s) for the Report on Departmental Profile

## Section on Graduate Students

Supplemental Table GS.1: Graduate Students, Fall 2013

|  | Math. Public Large | Math. Public Medium | Math. Public Small | Math. <br> Private Large | Math. Private Small | Applied Math. | All Doctoral Math. Combined | Masters | All Math. <br> Combined | Statistics | Biostatistics | Statistics \& Biostatistics Combined | Total All Groups Combined |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total Graduate Students |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Full-time | 3343 | 3014 | 2588 | 1711 | 853 | 1454 | 12961 | 3237 | 16199 | 4223 | 2032 | 6255 | 22453 |
| Standard error |  |  |  |  |  |  | 103 | 210 | 234 | 133 | 155 | 204 |  |
| First-year graduate students | 776 | 756 | 764 | 592 | 249 | 487 | 3623 | 1383 | 5006 | 1534 | 627 | 2161 | 7167 |
| Standard error |  |  |  |  |  |  | 45 | 113 | 121 | 74 | 47 | 87 |  |
| Part-time | 194 | 312 | 568 | 310 | 162 | 228 | 1775 | 1865 | 3640 | 582 | 214 | 796 | 4436 |
| Standard error |  |  |  |  |  |  | 56 | 168 | 177 | 73 | 30 | 79 |  |
| Female Graduate Students |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Full-time | 885 | 1041 | 890 | 425 | 260 | 468 | 3969 | 1308 | 5277 | 1808 | 1041 | 2850 | 8127 |
| First-year full-time | 219 | 251 | 303 | 183 | 78 | 171 | 1205 | 557 | 1762 | 679 | 313 | 993 | 2754 |
| Part-time | 101 | 147 | 216 | 61 | 56 | 64 | 645 | 915 | 1560 | 217 | 123 | 3842 | 1899 |
| U.S. Citizen Graduate Students |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Full-time | 1844 | 1849 | 1525 | 636 | 417 | 601 | 6872 | 2417 | 9289 | 1583 | 962 | 2545 | 11834 |
| Standard error |  |  |  |  |  |  | 44 | 176 | 182 | 84 | 84 | 118 |  |
| First-year full-time | 428 | 442 | 452 | 159 | 119 | 192 | 1793 | 1035 | 2828 | 555 | 301 | 856 | 3684 |
| Part-time | 160 | 266 | 467 | 182 | 128 | 192 | 1395 | 1763 | 3158 | 397 | 140 | 3519 | 3695 |
| Standard error |  |  |  |  |  |  | 50 | 159 | 167 | 63 | 23 | 67 |  |

NOTE: Rows may not add up to $100 \%$ due to rounding.

Supplemental Table(s) for the Report on Departmental Profile

## Section on Graduate Students

Supplemental Table GS.2: Full-Time Graduate Students in All Doctoral Mathematics Departments Combined
by Sex and Citizenship, Fall 2003-2013 ${ }^{1}$

|  | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total full-time graduate students | 10444 | 10707 | 10565 | 10984 | 10937 | 10883 | 11286 | 13048 | 12514 | 12684 | 12961 |
| Female | 3215 | 3245 | 3111 | 3279 | 3249 | 3193 | 3248 | 3839 | 3773 | 3771 | 3969 |
| \% Female | 31\% | 30\% | 29\% | 30\% | 30\% | 29\% | 29\% | 29\% | 30\% | 30\% | 31\% |
| \% U.S. Citizen | 54\% | 55\% | 56\% | 56\% | 56\% | 55\% | 56\% | 57\% | 56\% | 54\% | 53\% |
| \% Underrepresented minorities ${ }^{2}$ | 10\% | 9\% | 10\% | 9\% | 9\% | 9\% | 9\% | 11\% | 8\% | 8\% | 9\% |
| Total first-year graduate students | 2711 | 3004 | 2832 | 2960 | 2964 | 2924 | 3040 | 3313 | 3288 | 3394 | 3623 |
| Female | 902 | 983 | 851 | 961 | 950 | 870 | 904 | 1019 | 1077 | 1036 | 1205 |
| \% Female | 33\% | 33\% | 30\% | 32\% | 32\% | 30\% | 30\% | 31\% | 33\% | 31\% | 33\% |
| \% U.S. Citizen | 56\% | 60\% | 59\% | 55\% | 56\% | 56\% | 55\% | 51\% | 50\% | 54\% | 53\% |
| \% Underrepresented minorities | 12\% | 9\% | 10\% | 10\% | 10\% | 10\% | 9\% | 9\% | 9\% | 7\% | 10\% |

${ }^{1}$ Figures adjusted since the original report are in red.
${ }^{2}$ 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.
NOTE: Rows may not add up to $100 \%$ due to rounding.


[^0]:    William Yslas Vélez is a professor in the Department of Mathematics at University of Arizona. James W. Maxwell is AMS coordinator of special projects. Colleen A. Rose is AMS survey analyst.

[^1]:    Figures in red indicate corrections from published report.

[^2]:    *Figures in red indicate corrections from published report.

