

# Report on the 2013-2014 New Doctoral Recipients

*William Yslas Vélez, James W. Maxwell, and Colleen Rose*

This report presents a statistical profile of recipients of doctoral degrees awarded by departments in the mathematical sciences at universities in the United States during the period July 1, 2013 through June 30, 2014. Information in the report was provided by the departments that awarded the degrees with additional information provided by the individual new doctoral recipients. The report includes an analysis of the fall 2014 employment plans of 2013–2014 doctoral recipients and a demographic profile summarizing characteristics of citizenship status, gender, and racial/ethnic group. This report is based on a complete census of the 2013–2014 new doctorates and includes information about 2013–2014 doctoral recipients that were not included in the preliminary report in the March 2015 issue of *Notices*.

Detailed information, including tables which traditionally appeared in this report, is available on the AMS website at [www.ams.org/annual-survey/survey-reports](http://www.ams.org/annual-survey/survey-reports).

## Doctoral Degrees Awarded

1,926 PhDs were awarded by the 315 doctoral-granting departments. We are pleased to report that we had a 100% response rate for this survey, and we thank the departments for their cooperation.

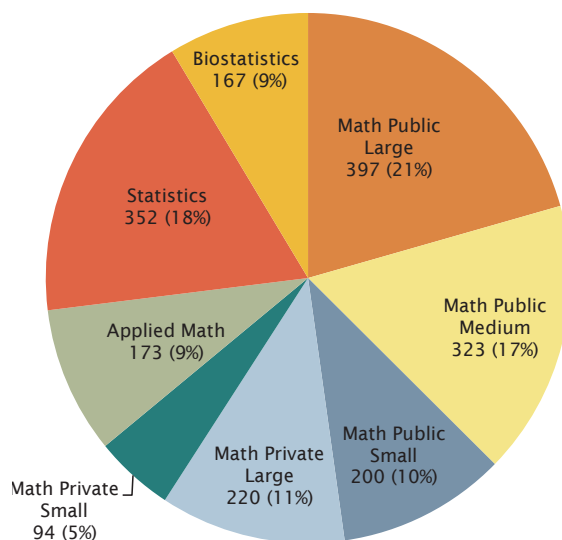
Math Public Medium reported the largest increase in the number of doctoral recipients, up 35 over the total of 288 reported for 2012–2013.

33% (629) of the new PhDs had a dissertation in statistics/biostatistics, followed by algebra/number theory with 16% (300) and applied mathematics with 12% (236).

Comparing PhDs awarded this year to last year, the number of PhDs awarded:

- Increased about 5% from 1,843 to 1,926.
- Increased in all groups except Math Public Large and Math Public Small.
- Increased 22% in Math Private Small.
- Decreased 9% in Math Public Small.

**Figure A.1: Number and Percentage of Degrees Awarded by Department Grouping\***



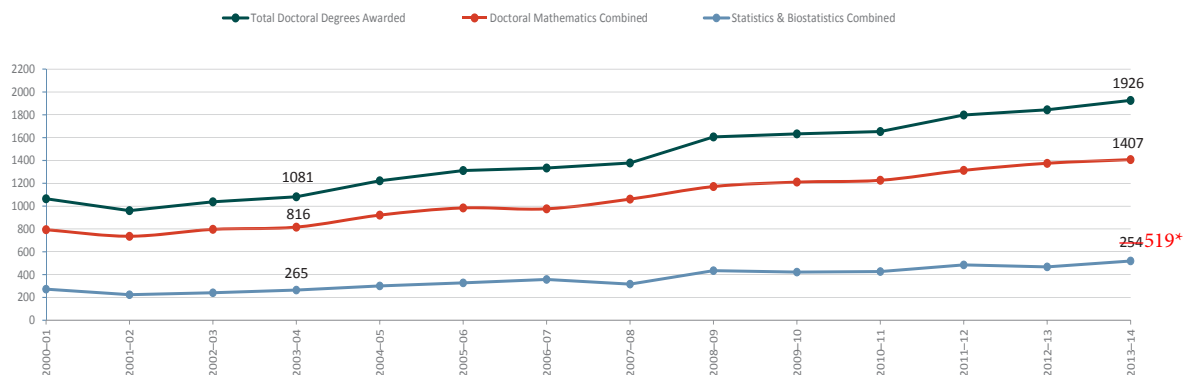
**Total Degrees Awarded: 1,926**

\*See page 781 for a description of the department groupings.

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## Doctoral Degrees Awarded

**Figure A.2: New PhDs Awarded by Group**



Comparing PhDs awarded this year with those awarded in 2003–2004:

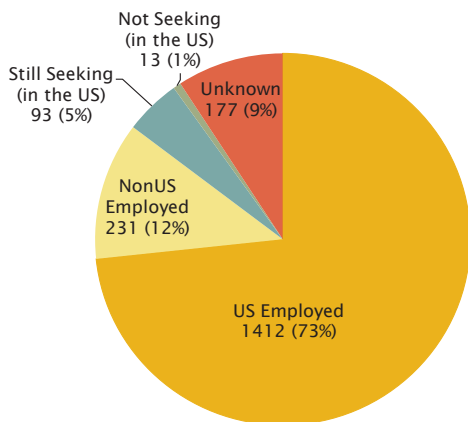
- PhDs awarded have increased more than 78% over the last 10 years.
- Degrees awarded by Doctoral Mathematics combined and by Statistics & Biostatistics Combined have increased 72% and 96%, respectively. Some of this latter increase is due to the increase in response rate among the Statistics & Biostatistics departments and an increase in the number of biostatistics programs included in the Annual Survey over the last 3 years.

\* Note: The published report incorrectly cited this figure as 254.

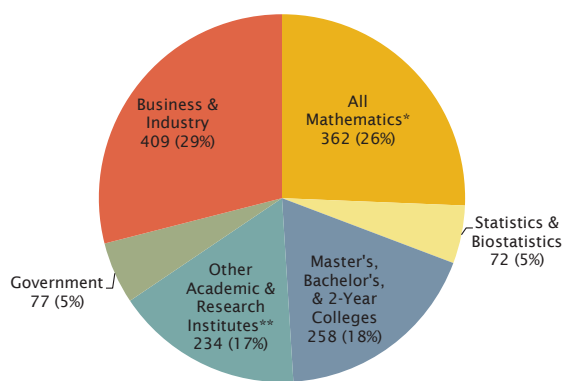
## Employment

The overall US unemployment rate for the new doctoral recipients is 6.2%, up from 5.7% last year. (Details on the calculations are on page 781.) The employment plans are known for 1,749 of the 1,926 new doctoral recipients. The number of new doctoral recipients employed in the US is 1,412, up 6% from last year’s number of 1,334. 71% of PhDs employed in Doctoral Math departments are in postdoc positions, up from 69% last year. The number of new PhDs taking positions in Business & Industry has increased to 409 this year compared to 381 last year. All groups except Math Public Large and Biostatistics showed an increase in Business & Industry, and 61% of the increase was accounted for by the Statistics Group.

**Figure E.1: Employment Status**



**Figure E.2: US Employed by Type of Employer**



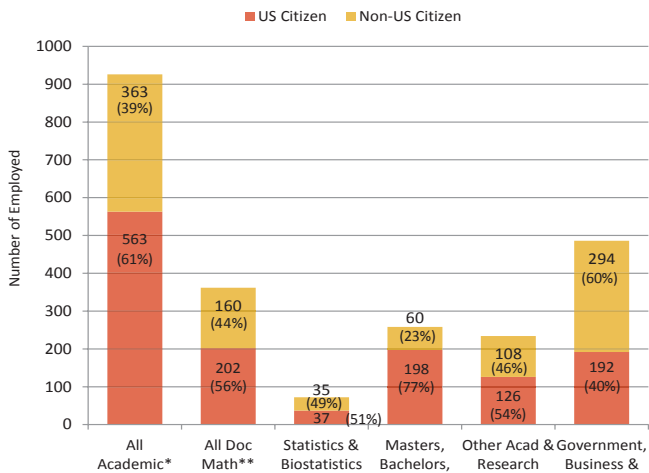
- 53% (755) of those who are employed in the US are US citizens, up slightly from 52% last year.
- 75% (657) of non-US citizens whose employment status is known are employed in the US, the remaining 222 non-US citizens are either employed outside of the US or are unemployed.
- 8% (126) of the new PhDs who are employed are working at the institution which granted their degree, up from 6% last year. These individuals constitute 14% of total US academic employed.
- 63% of those still seeking employment in the US are US citizens.

\*Includes all Math Public, Math Private, and Applied Math departments.  
 \*\*Other Academic consists of departments outside the mathematical sciences including numerous medical-related units.

- US academic hiring increased 5% to 926 compared to 878 last year.
- Government hiring increased 3% (from 75 to 77); all doctoral-granting groups except Math Public Large, Math Public Small, Math Private Large, and Biostatistics showed an increase in the number of PhDs taking positions in this sector.

## Employment

**Figure E.3: Employment in the US by Type of Employer and Citizenship**  
Total: 1,412



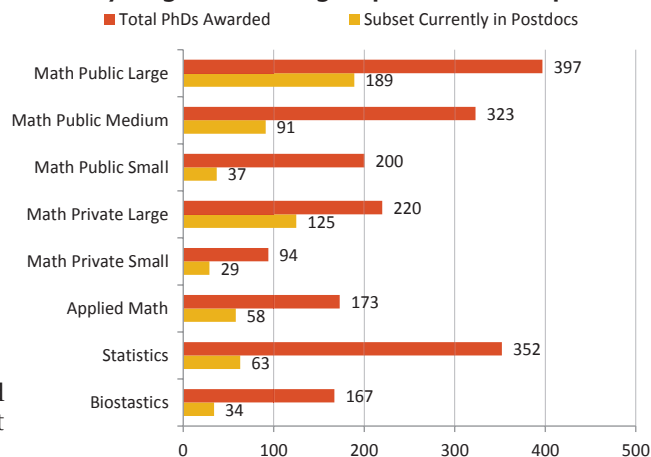
\* Includes all Math sciences departments plus other academic and research institutes/nonprofit.  
\*\* Includes all Math Public, Math Private, and Applied Math departments.

- Total known to be employed: 1,643
- 38% (626) of the new PhDs that are employed are reported to be in postdoc positions, the same percentage as last year but up in number from 600.
- 57% of the new PhDs awarded by the Math Private Large group are employed in postdocs, while only 19% of new PhDs awarded by the Math Public Small group and 18% of PhDs awarded by the Statistics group are in postdocs.
- 48% of the new PhDs having US academic employment are in postdocs, up from 46% last year.

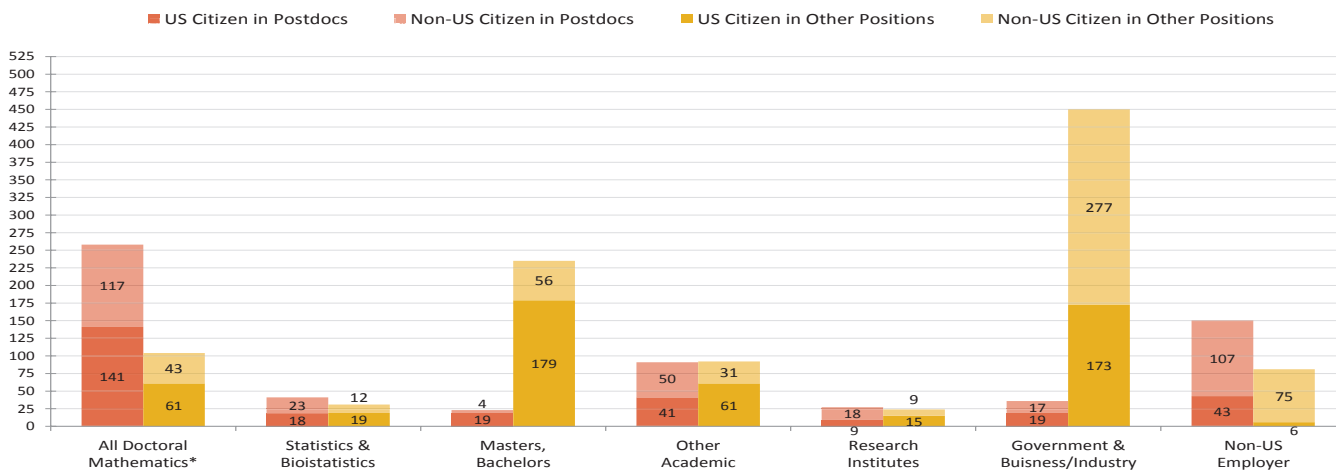
Of the US citizens whose employment status is known, 87% (755) are employed in the US, and of these:

- 32% are employed in PhD-granting departments
- 43% are employed in all other academic categories
- 25% are employed in government, business and industry

**Figure E.4: PhDs Employed in Postdocs by Degree-Granting Department Group**



**Figure E.5: New PhDs Employment by Citizenship, Type of Position and Type of Employer**



\* Includes all Math Public, Math Private, and Applied Math departments.

- 24% of the new PhDs in postdoc positions are employed outside the US; last year, this percentage was 27%.
- 93% of the new PhDs employed in the Math Private Large Group are in postdoc positions, up from 92% last year.
- 71% of the new PhDs employed in Doctoral Math departments are in postdoc positions, up from 69% last year.

## Employment

Figure E.6 displays the US unemployment rate for new doctorates; details on the calculations are on page 781.

**Figure E.6: Percentage of New Doctoral Recipients Unemployed 2004-2013\***

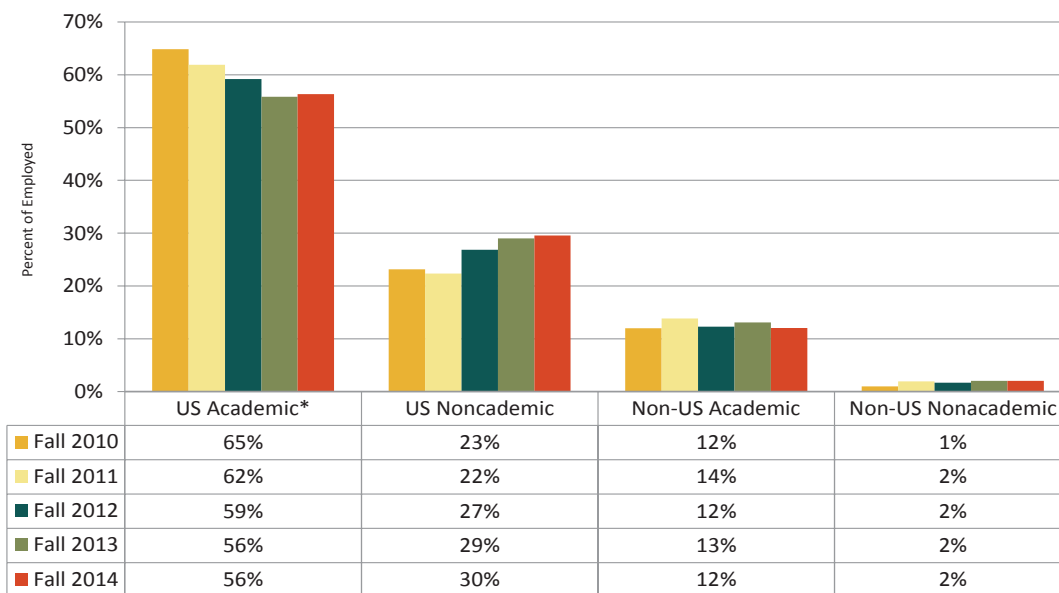


Among new doctorates reported to be in the US:

- Unemployment among those whose employment status is known is 6.2%, up from 5.7% for Fall 2013.
- 7.2% of US citizens are unemployed, compared to 6.5% in Fall 2013.
- 4.9% of non-US citizens are unemployed, compared to 4.7% in Fall 2013.
- New doctorates from the Math Public Small Group reported the highest unemployment rate at 12.0%, up from 8.9% last year.
- New doctorates from the Biostatistics Group reported the lowest unemployment at 1.8%.

\*The difficult employment years of the 1990's are not shown here but are located on the AMS website at [www.ams.org/annual-survey/2014Survey-NewDoctorates-Report](http://www.ams.org/annual-survey/2014Survey-NewDoctorates-Report).

**Figure E.7: Percentage of Employed New PhDs by Type of Employer**



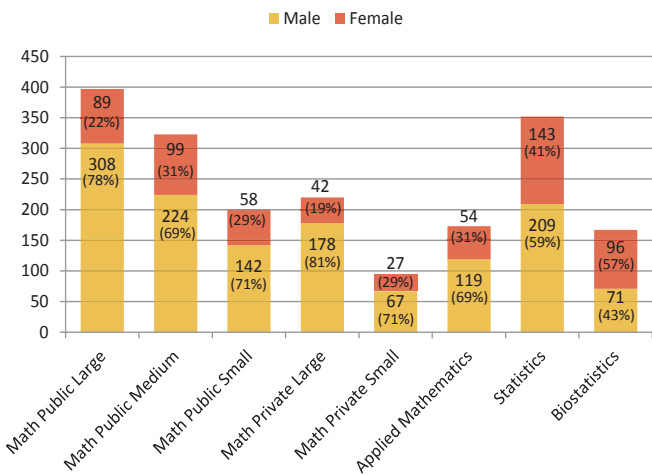
\* Includes other academic departments and research institutes/other non-profits.

- US academic hiring has remained at 56%, while US nonacademic hiring has jumped to 30% (a five-year high).
- Detailed information on new PhDs employed in the US by degree-granting department group is available on the AMS website at [www.ams.org/annual-survey/2014Survey-NewDoctorates-Report](http://www.ams.org/annual-survey/2014Survey-NewDoctorates-Report).

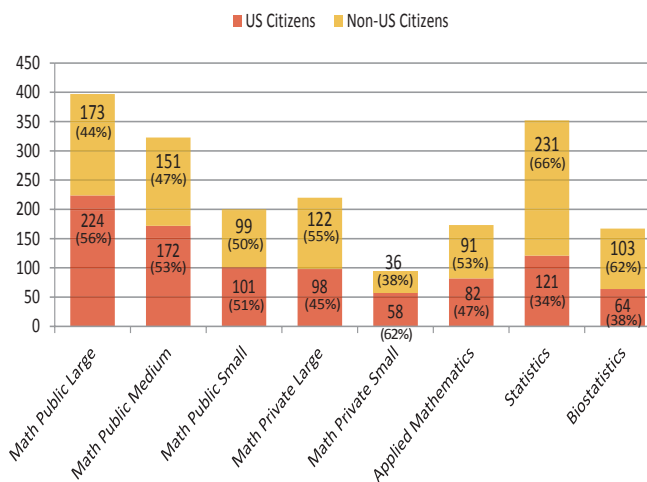
## Demographics

Gender and citizenship was known for all 1,926 new PhDs reported for 2013–2014. The number of US citizens is 920 (48%), up slightly from 47% last year. Females accounted for 28% of the US citizen total (up from 27% last year). Non-US citizens receiving a PhD decreased to 52% from 53% last year. 11% (70) of the non-US citizens employed in the US have permanent visa status (down from 13% last year).

**Figure D.1: Gender of Doctoral Recipients by Degree-Granting Grouping**



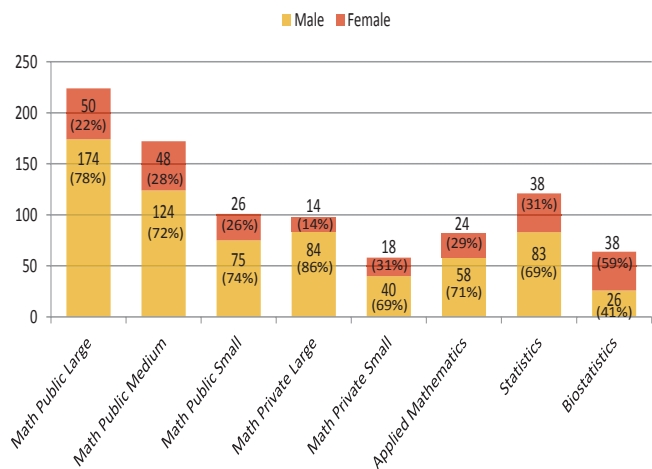
**Figure D.2: Citizenship of Doctoral Recipients by Degree-Granting Grouping**



- Females account for 32% (608) of 1,926 PhDs, up from 31% last year.

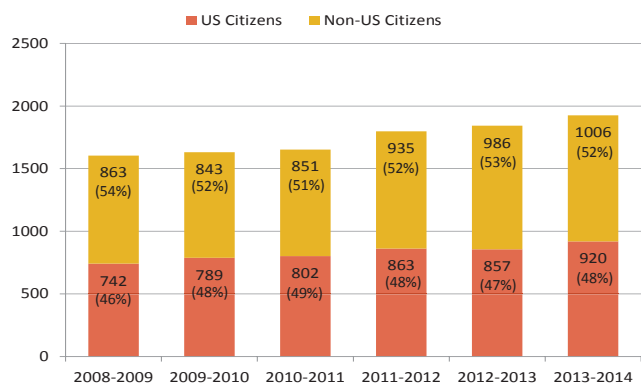
- 61% of all the PhDs awarded by the Math Private Small group were to US citizens, while only 34% of the PhDs awarded by the Statistics group were to US citizens.

**Figure D.3: Gender of US Citizen Doctoral Recipients by Degree-Granting Grouping**



- 50% of the males and 42% of the females are US citizens.
- Females accounted for 28% of the US citizens.
- Among the US citizens: 7 are American Indian or Alaska Native, 61 are Asian, 25 are Black or African American, 29 are Hispanic or Latino, 4 are Native Hawaiian or Other Pacific Islander, 762 are White, and 32 are of unknown race/ethnicity.
- Math Public Large awarded the highest number (16) of PhDs to US citizen minorities, while Biostatistics awarded the smallest number (3), followed by Math Public Small and Math Public Large with 4 each.

**Figure D.4: Citizenship of New PhD\* Recipients, 2007–2013**



\*The increase shown from 2007–2008 to 2008–2009 is due in part to the increase in the response rate for statistics and biostatistics departments.

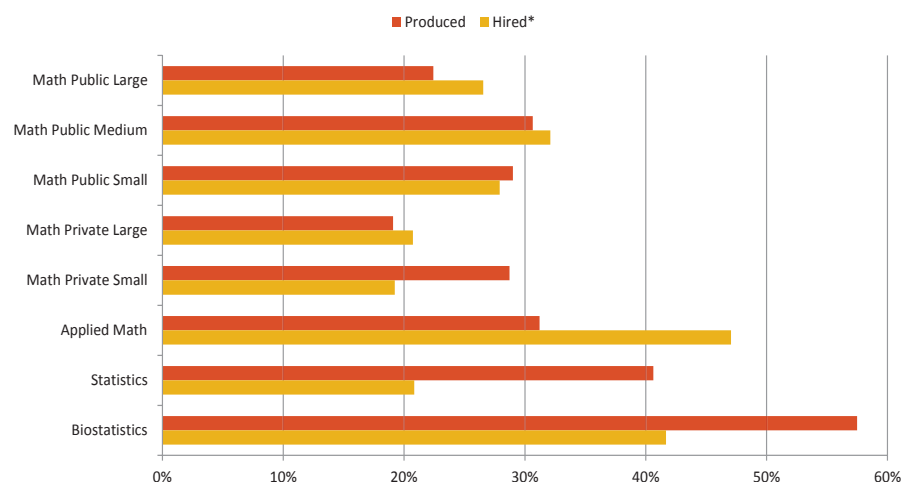
Looking at the last six years we see that:

- US citizen counts, which had been increasing steadily, increased to 920 this year. While this is a 7% increase from last year, it is a 24% increase from Fall 2008–2009.
- Non-US citizen counts have increased for the fourth consecutive year to 1,006. While this is a 17% increase from Fall 2008–2009, it represents a 2% increase from last year.

## Female New Doctoral Recipients

After remaining at 31% for the last few years, the proportion of female new doctoral recipients increased to 32% this year. Of the 926 new PhDs hired into academic positions, 32% (300) were women, the same percentage as last year. 25% of those hired into postdoc positions were women, with 43% of the women in postdocs being US citizens, up from 39% last year. The US unemployment rate for females is 4.6%, compared to 6.9% for males and 6.2% overall.

**Figure F.1: Females as a Percentage of New Doctoral Recipients Produced by and Hired by Department Grouping**



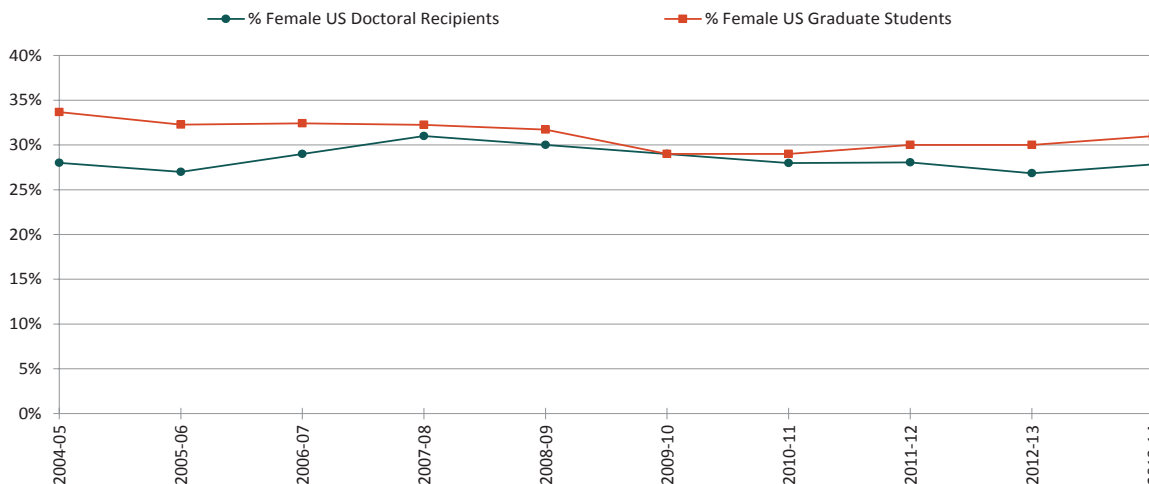
\* Females as a percentage of total hires by the department grouping.

**Table F.1: Number of Female New Doctoral Recipients Produced by and Hired by Department Groupings**

Department Grouping	Females Produced	Females Hired
Math Public Large	89	30
Math Public Medium	99	26
Math Public Small	58	12
Math Private Large	42	17
Math Private Small	27	5
Applied Math	54	8
Statistics	143	10
Biostatistics	96	10
<b>Total</b>	<b>608</b>	<b>118</b>

- 44% of those hired by the Bachelors Group were women (up from 36% last year) and 34% of those hired by the Masters Group were women (up from 31% last year).
- 33% of those hired into Research Institutes/Other non-profit positions were women (down from 46% last year).
- 34% of those hired into Government positions were women (up from 32% last year).
- 64% of the women employed in all doctoral groups are in postdoc positions, compared to 71% of males employed in these groups.

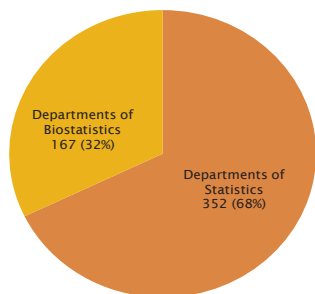
**Figure F.2: Females as a Percentage of US Citizen Doctoral Recipients**



## PhDs Awarded by Statistics and Biostatistics Departments

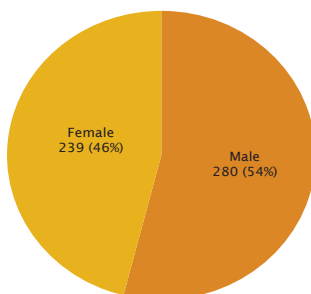
This section contains information about new doctoral recipients in these departments (58 statistics and 44 biostatistics departments). Statistics and Biostatistics departments produced 519 new doctorates, of which all had dissertations in statistics/biostatistics. This is an 11% increase in the number reported for fall 2013, which was 468. In addition, Math Public, Math Private and Applied Math departments combined had 115 PhD recipients with dissertations in statistics. 36% (185) of the new PhDs awarded by Statistics and Biostatistics departments are US citizens (while in the other groups combined, 52% are US citizens). The US unemployment among this group of new PhDs is 2.5%, up from 2.1%.

**Figure S.1: PhDs Awarded by Statistics/Biostatistics Departments**



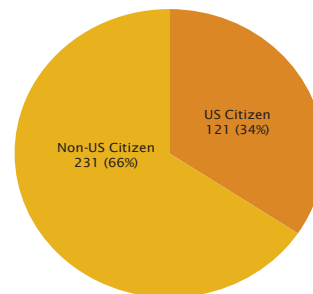
- 27% of all PhDs awarded were in Statistics/Biostatistics.
- Females account for 41% of statistics and 57% of biostatistics PhDs awarded.

**Figure S.2: Gender of PhD Recipients from Statistics/Biostatistics Departments**



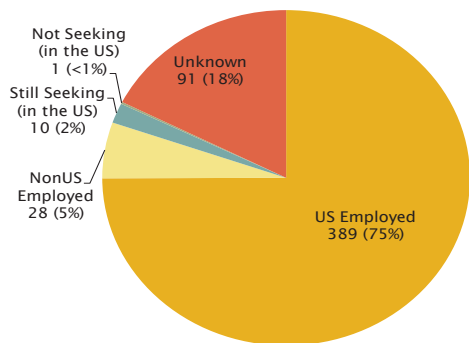
- Females accounted for 47% of the 519 PhDs in Statistics and Biostatistics, compared to all other groups combined, where 26% are female.

**Figure S.3: Citizenship of PhD Recipients from Statistics/Biostatistics Departments**



- 41% of Statistics/Biostatistics US citizen PhD recipients are females, while in all other groups combined 25% of the US citizens are females.

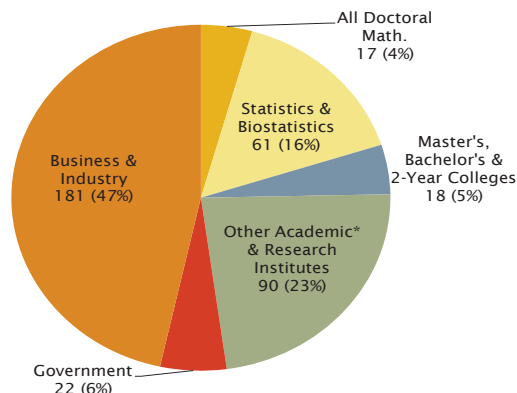
**Figure S.4: Employment Status of PhD Recipients from Statistics/Biostatistics Departments**



**Total PhDs Awarded: 519**

- 2.5% of Statistics/Biostatistics PhDs are unemployed compared to 6.9% among all other groups. This is up from 2.1% last year.
- Unemployment among new PhDs with dissertations in statistics/probability is 3.7%, up from 3.1%. Among all other dissertation groupings, 6.0% are unemployed.

**Figure S.5: US-Employed PhD Recipients from Statistics/Biostatistics Departments by Type of Employer**



\*Other Academic consists of departments outside the mathematical sciences including numerous medical-related units.

**Total US Employed: 389**

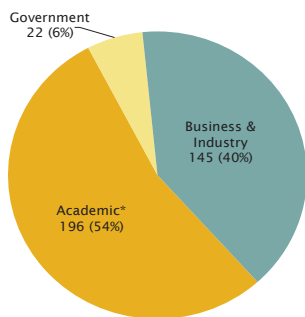
- 47% of Statistics/Biostatistics PhDs are employed in Business/Industry, compared to 25% in all other groups.
- 28% of those hired by statistics and biostatistics were females, the same percentage as that in all other groups.

## Information from the Employment Experiences of New Doctorates (EENDR) Survey

This section contains additional information on employment gathered from a subset of the 2013-2014 new PhDs on the EENDR Survey. It expands on the details of employment which are not available through the departments.

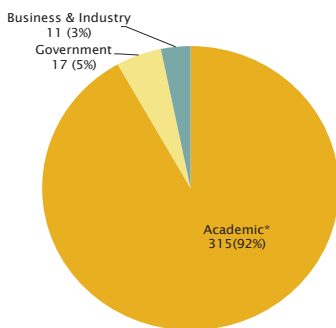
The EENDR survey was sent to the 1,702 new PhDs for which departments provided current contact information by early October of 2014. Of these individuals, 821 (48%) responded. The employment status is known for 851 of these individuals; the US unemployment among this group is 1.7%. Of the 796 who reported being employed, 30% indicated they were actively looking for new employment.

**Figure EE.1: EENDR Respondents Reporting Permanent US Employment by Sector**



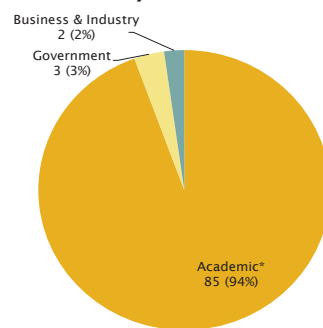
\* Includes research institutes and other non-profits.

**Figure EE.2: EENDR Respondents Reporting Temporary US Employment by Sector**



\* Includes research institutes and other non-profits.

**Figure EE.3: EENDR Respondents Employed Outside the US by Sector**



\* Includes research institutes and other non-profits.

Of the 363 permanently employed:

- 34% are women.
- 71% of those reporting academic employment hold tenured/tenure-track positions.

Of the 343 temporarily employed:

- 31% are women.
- 43% were unable to find a suitable permanent position (down from 52% last year).
- 76% are employed in postdocs and 34% of these reported they could not find a suitable permanent position.

Of the 90 employed outside the US:

- 18% are women.
- 32% are US Citizens.
- 80% are employed in postdocs.

**Table EE.1: Number and Percentage of EENDR Respondents Employed in the US by Job Status**

Year	Perm		Temp		Temporary		Temporary Postdocs				#(%) Unknown
	Total	%	Total	%	Perm Not Avail	% of Temp Total	Total	% of Temp Total	Perm Not Avail	% of Temp Postdocs	
Fall 2010	320	48%	341	52%	140	41%	246	72%	68	28%	0
Fall 2011	251	44%	319	56%	133	42%	225	71%	87	39%	0
Fall 2012	261	44%	328	56%	127	39%	242	74%	108	45%	0
Fall 2013	374	53%	335	47%	173	52%	247	74%	106	43%	0
Fall 2014	363	51%	343	49%	148	43%	260	76%	88	34%	0

Comparing the employment status of EENDR respondents employed in the US over the last five years, we see that:

- Permanent positions have decreased to 51% this year, from last year's five-year high of 53%.
- Temporary positions increased to 49% this year.
- 43% of those holding temporary positions were unable to find suitable permanent positions, down from last year's five-year high of 52%.
- 34% of those holding postdoc positions were unable to find suitable permanent positions, down four percentage points from last year and up 6 percentage points from the five-year low of 28% for fall 2010.



## Information from the Employment Experiences of New Doctorates (EENDR) Survey

**Table EE.2: Percentage of EENDR Respondents Employed in the US by Employment Sector within Job Status**

Year	Permanent			Temporary		
	Acad	Govn	B/I	Acad	Govn	B/I
Fall 2010	64%	8%	28%	93%	5%	2%
Fall 2011	61%	8%	31%	94%	5%	1%
Fall 2012	61%	8%	32%	92%	5%	2%
Fall 2013	53%	7%	40%	92%	4%	4%
Fall 2014	54%	6%	40%	92%	5%	3%

Looking at Table EE.2, we see that

- Permanent academic employment has increased to 54%, while temporary employment in this sector has leveled off at 92%.
- Permanent and temporary government employment has dropped to 6%, while temporary positions increased to 50%.
- Business/Industry permanent employment remains stable at 40% (a five-year high), while temporary positions decreased to 3%.

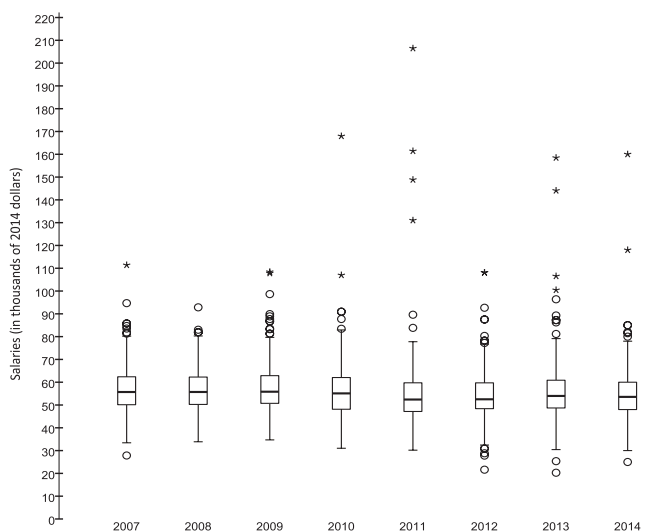
## Starting Salaries of the 2013–2014 Doctoral Recipients

The starting salary figures were compiled from information gathered on the EENDR questionnaires sent to 1,702 individuals using addresses provided by the departments granting the degrees; 821 individuals responded between late October and April. Responses with insufficient data or from individuals who indicated they had part-time or non-US employment were excluded. Numbers of usable responses for each salary category are reported in the following tables.

Readers should be warned that the data in this report are obtained from a self-selected sample, and inferences from them may not be representative of the full population. Detailed information, including boxplots which traditionally appeared in this report, is available on the AMS website at [www.ams.org/annual-survey/survey-reports](http://www.ams.org/annual-survey/survey-reports).

### Academic Teaching/Teaching and Research 9–10-Month Starting Salaries\* (in thousands of dollars)

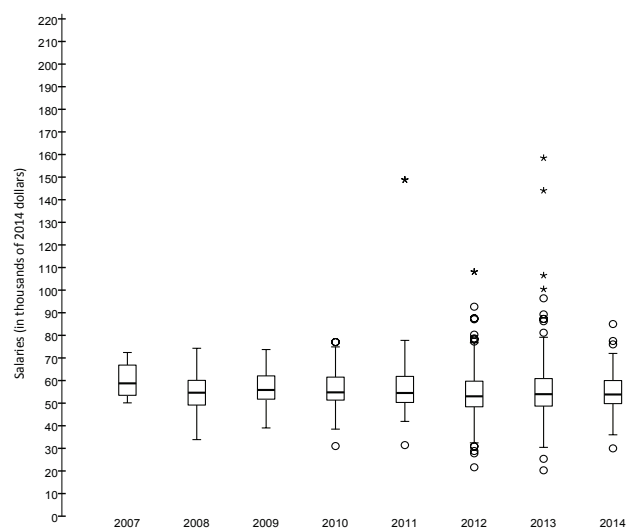
PhD Year	Min	Q <sub>1</sub>	Median	Q <sub>3</sub>	Max
Total (187 male/108 female)					
2014 M	36.0	48.0	53.0**	60.0	160.0
2014 F	25.0	50.0	54.8	60.0	85.0
One year or less experience (151 male/97 female)					
2014 M	36.0	48.0	53.0	60.0	160.0
2014 F	25.0	50.0	54.0	60.0	85.0



\* Includes postdoctoral salaries.

### Academic Postdoctorates Only\* 9–10-Month Starting Salaries (in thousands of dollars)

PhD Year	Min	Q <sub>1</sub>	Median	Q <sub>3</sub>	Max
Total (69 male/34 female)					
2014 M	40.0	50.0	55.0	60.0	76.0
2014 F	30.0	46.0	51.5	55.0	85.0
One year or less experience (69 male/34 female)					
2014 M	40.0	50.0	55.0	60.0	76.0
2014 F	30.0	46.0	51.5	55.0	85.0



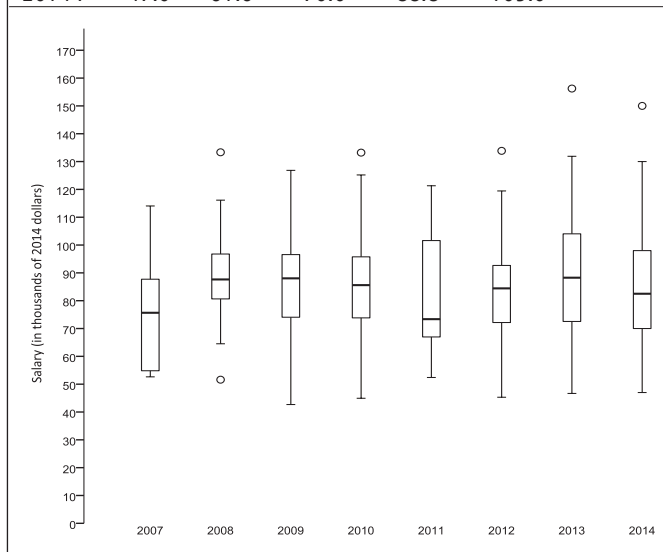
\* A postdoctoral appointment is a temporary position primarily intended to provide an opportunity to extend graduate training or to further research experience.

\*\* Note: The published report incorrectly cited this as 73.0.

## Starting Salaries of the 2013–2014 Doctoral Recipients

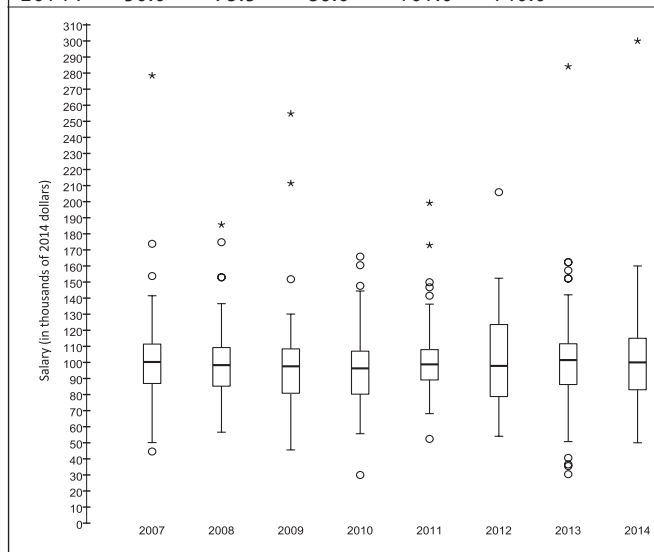
### Government 11–12-Month Starting Salaries (in thousands of dollars)

PhD Year	Min	Q <sub>1</sub>	Median	Q <sub>3</sub>	Max
Total (28 male/10 female)					
2014 M	60.0	75.0	88.2	99.0	150.0
2014 F	47.0	58.0	70.0	84.9	105.0
One year or less experience (24 male/10 female)					
2014 M	60.0	75.0	87.1	96.8	130.0
2014 F	47.0	61.6	70.0	88.8	105.0



### Business and Industry 11–12-Month Starting Salaries (in thousands of dollars)

PhD Year	Min	Q <sub>1</sub>	Median	Q <sub>3</sub>	Max
Total (108 male/39 female)					
2014 M	56.0	86.2	100.0	120.0	300.0
2014 F	50.0	80.0	91.0	101.0	140.0
One year or less experience (93 male/35 female)					
2014 M	56.0	85.5	100.0	120.0	300.0
2014 F	50.0	79.5	86.0	101.0	140.0



## Remarks on Starting Salaries

**Key to Tables and Graphs.** Salaries are those reported for the fall immediately following the survey cycle. Years listed denote the survey cycle in which the doctorate was received—for example, survey cycle July 1, 2013–June 30, 2014 is designated as 2014. Salaries reported as 9–10 months exclude stipends for summer grants or summer teaching or the equivalent. M and F are male and female, respectively. Male and female figures are not provided when the number of salaries available for analysis in a particular category was five or fewer. All categories of “Teaching/Teaching and Research” and “Research Only” contain those recipients employed at academic institutions only.

**Graphs.** The graphs show standard boxplots summarizing salary distribution information for the years 2007 through 2014. Values plotted for 2007 through 2014 are converted to 2014 dollars using the implicit price deflator prepared annually by the Bureau of Economic Analysis, US Department of Commerce. These categories are based on work activities reported in EENDR. Salaries of postdoctorates are shown separately.

They are also included in other academic categories with matching work activities.

For each boxplot the box shows the first quartile (Q<sub>1</sub>), the median (M), and the third quartile (Q<sub>3</sub>). The interquartile range (IQR) is defined as Q<sub>3</sub>–Q<sub>1</sub>. Think of constructing invisible fences 1.5 IQR below Q<sub>1</sub> and 1.5 IQR above Q<sub>3</sub>. Whiskers are drawn from Q<sub>3</sub> to the largest observation that falls below the upper invisible fence and from Q<sub>1</sub> to the smallest observation that falls above the lower invisible fence. Think of constructing two more invisible fences, each falling 1.5 IQR above or below the existing invisible fences. Any observation that falls between the fences on each end of the boxplots is called an outlier and is plotted as  $\circ$  in the boxplots. Any observation that falls outside of both fences either above or below the box in the boxplot is called an extreme outlier and is marked as  $*$  in the boxplot.

## Remarks on US Unemployment Rate Calculations

In the unemployment calculations provided in this report, the individuals employed outside the US have been removed from the denominator used in the calculation of the rate, in addition to the routine removal of all individuals whose employment status is unknown. This is a change from Annual Survey Reports prior to 2009. As a consequence, the unemployment rate now being reported more accurately reflects the US labor market experienced by the new doctoral recipients. This change tends to increase the rate of unemployment over that reported in prior years.

In a further small change from prior years, those individuals reported as not seeking employment have also been removed from the denominator. The number of individuals so designated is small each year, and the impact of this change is to produce a slight increase in the rate over that reported in prior years.

The unemployment rates for years prior to 2009 shown in this report have been recalculated using this new method. One can view a comparison of the unemployment rates using the traditional method and the new method by visiting the AMS website at [www.ams.org/annual-survey/surveyreports.html](http://www.ams.org/annual-survey/surveyreports.html).

## Departmental Groupings and Response Rates

Starting with reports on the 2012 AMS-ASA-IMS-MAA-SIAM 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 PhDs 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](http://www.ams.org/notices/201209/rtx120901262p.pdf).

### Group Descriptions

**Math Public Large** consists of departments with the highest annual rate of production of PhDs, ranging between 7.0 and 24.2 per year.

**Math Public Medium** consists of departments with an annual rate of production of PhDs ranging between 3.9 and 6.9 per year.

**Math Public Small** consists of departments with an annual rate of production of PhDs of 3.8 or less per year.

**Math Private Large** consists of departments with an annual rate of production of PhDs ranging between 3.9 and 19.8 per year.

**Math Private Small** consists of departments with an annual rate of production of PhDs 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 M** contains US departments granting a master's degree as the highest graduate degree.

**Group B** contains US departments granting a baccalaureate degree only.

Listings of the actual departments which compose these groups are available on the AMS website at [www.ams.org/annual-survey/groups](http://www.ams.org/annual-survey/groups).

### Survey Response Rates by New Groupings

#### Doctorates Granted Departmental Response Rates\*

<b>Math Public Large</b>	26 of 26 including 0 with no degrees
<b>Math Public Medium</b>	40 of 40 including 0 with no degrees
<b>Math Public Small</b>	64 of 64 including 8 with no degrees
<b>Math Private Large</b>	24 of 24 including 0 with no degrees
<b>Math Private Small</b>	28 of 28 including 4 with no degrees
<b>Applied Math</b>	31 of 31 including 2 with no degrees
<b>Statistics</b>	58 of 58 including 1 with no degrees
<b>Biostatistics</b>	44 of 44 including 13 with no degrees
<b>Total</b>	315 of 315 including 28 with no degrees



Supplemental Table(s) for the Report on New Doctoral Recipients

Section on Doctoral Degrees Awarded

Supplemental Table A.1: Field of Thesis of 2013-2014 Doctoral Recipients by Degree-Granting Department

Granting	Algebra/ Number Theory	Real, Comp., Funct., & Harmonic Analysis	Geometry/ Topology	Discr. Math./ Combin. /Logic/ Comp. Sci.	Probability	Statistics	Biostatistics	Applied Math.	Numerical Analysis/ Approxi- mations	Linear Nonlinear Optim./ Control	Differential, Integral, & Difference Equations	Math. Educ.	Other/ Unknown	Total
Math Public Large	113	31	57	36	20	10	0	46	31	4	45	2	2	397
Math Public Medium	72	23	29	13	17	30	1	60	17	11	38	9	3	323
Math Public Small	29	18	13	16	10	39	0	17	15	4	22	17	0	200
Math Private Large	62	7	48	14	16	5	0	25	10	2	31	0	0	220
Math Private Small	22	7	10	16	2	4	0	14	6	0	11	1	1	94
Applied Mathematics	2	2	3	6	6	26	0	73	25	8	8	0	14	173
Statistics	0	0	0	0	4	346	2	0	0	0	0	0	0	352
Biostatistics	0	0	0	0	0	0	166	1	0	0	0	0	0	167
<b>Total</b>	<b>300</b>	<b>88</b>	<b>160</b>	<b>101</b>	<b>75</b>	<b>460</b>	<b>169</b>	<b>236</b>	<b>104</b>	<b>29</b>	<b>155</b>	<b>29</b>	<b>20</b>	<b>1926</b>
Female	62	26	31	24	18	182	98	70	26	10	43	13	5	608
Male	238	62	129	77	57	278	71	166	78	19	112	16	15	1318



## Supplemental Table(s) for the Report on New Doctoral Recipients

### Section on Employment

Supplemental Table E.1: Employment Status of 2013-2014 Doctoral Recipients in the Mathematical Sciences  
by Type of Degree-Granting Department

Type of Employer	Math. Public Large	Math. Public Medium	Math. Public Small	Math. Private Large	Math. Private Small	Applied Math.	Statistics	Biostatistics	Total	Female	Male
Math. Public Large	56	18	2	28	4	2	3	0	113	30	83
Math. Public Medium	20	31	3	10	4	7	6	0	81	26	55
Math. Public Small	4	6	22	1	3	2	5	0	43	12	31
Math. Private Large	29	7	1	35	4	4	2	0	82	17	65
Math. Private Small	4	6	1	3	9	3	0	0	26	5	21
Applied Mathematics	4	2	0	0	0	10	1	0	17	8	9
Statistics	2	2	2	2	0	2	34	4	48	10	38
Biostatistics	0	0	0	0	0	1	14	9	24	10	14
Master's	6	15	10	4	5	2	6	2	50	17	33
Bachelor's	34	63	39	6	14	11	7	3	177	78	99
Two-Year Colleges	6	8	11	0	5	1	0	0	31	7	24
Other Academic Dept.	23	26	15	20	6	23	37	33	183	63	120
Notprofit	10	3	2	11	4	1	7	13	51	17	34
Government	16	12	6	3	2	16	13	9	77	26	51
Business and Industry	54	48	33	37	12	44	145	36	409	133	276
Non-U.S. Academic	82	29	19	32	10	11	13	2	198	41	157
Non-U.S. Nonacademic	3	4	2	6	0	5	13	0	33	9	24
Not Seeking Employment	4	2	1	2	1	2	1	0	13	2	11
Still Seeking Employment	27	21	20	8	4	3	8	2	93	22	71
Unknown (U.S.)	4	11	8	3	1	13	12	21	73	28	45
Unknown (non-U.S.)*	9	9	3	9	6	10	25	33	104	47	57
<b>Total</b>	<b>397</b>	<b>323</b>	<b>200</b>	<b>220</b>	<b>94</b>	<b>173</b>	<b>352</b>	<b>167</b>	<b>1926</b>	<b>608</b>	<b>1318</b>
Female	89	99	58	42	27	54	143	96	608		
Male	308	224	142	178	67	119	209	71	1318		

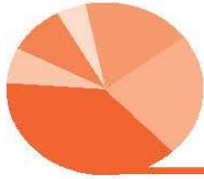


## Supplemental Table(s) for the Report on New Doctoral Recipients

### Section on Employment

Supplemental Table E.2: Employment Status of 2013-2014 Doctoral Recipients in the Mathematical Sciences  
by Type of Degree-Granting Department with Citizenship

Type of Employer	Math. Public Large	Math. Public Medium	Math. Public Small	Math. Private Large	Math. Private Small	Applied Math.	Statistics	Biostatistics	Total	U.S. Citizen	Non-U.S. Citizen
Math. Public Large	56	18	2	28	4	2	3	0	113	59	54
Math. Public Medium	20	31	3	10	4	7	6	0	81	45	36
Math. Public Small	4	6	22	1	3	2	5	0	43	26	17
Math. Private Large	29	7	1	35	4	4	2	0	82	48	34
Math. Private Small	4	6	1	3	9	3	0	0	26	12	14
Applied Mathematics	4	2	0	0	0	10	1	0	17	12	5
Statistics	2	2	2	2	0	2	34	4	48	27	21
Biostatistics	0	0	0	0	0	1	14	9	24	10	14
Master's	6	15	10	4	5	2	6	2	50	34	16
Bachelor's	34	63	39	6	14	11	7	3	177	137	40
Two-Year Colleges	6	8	11	0	5	1	0	0	31	27	4
Other Academic Dept.	23	26	15	20	6	23	37	33	183	102	81
Research Institute/Other Notprofit	10	3	2	11	4	1	7	13	51	24	27
Government	16	12	6	3	2	16	13	9	77	56	21
Business and Industry	54	48	33	37	12	44	145	36	409	136	273
Non-U.S. Academic	82	29	19	32	10	11	13	2	198	47	151
Non-U.S. Nonacademic	3	4	2	6	0	5	13	0	33	2	31
Not Seeking Employment	4	2	1	2	1	2	1	0	13	7	6
Still Seeking Employment	27	21	20	8	4	3	8	2	93	59	34
Unknown (U.S.)	4	11	8	3	1	13	12	21	73	49	24
Unknown (non-U.S.)*	9	9	3	9	6	10	25	33	104	1	103
<b>Total</b>	<b>397</b>	<b>323</b>	<b>200</b>	<b>220</b>	<b>94</b>	<b>173</b>	<b>352</b>	<b>167</b>	<b>1926</b>	<b>920</b>	<b>1006</b>
U.S. Citizen	1	5	0	0	0	1	0	7	14		
Non-U.S. Citizen	9	10	22	6	3	3	2	75	130		



Supplemental Table(s) for the Report on New Doctoral Recipients

Section on Employment

Supplemental Table E.3: Employment Status of 2013-2014 New Doctoral Recipients  
by Citizenship Status

Type of Employer	U.S. Citizen	Non-U.S. Citizens			TOTAL
		Permenant Visa	Temporary Visa	Unknown Visa	
U.S. Employer	755	70	560	27	1412
U.S. Academic	563	39	308	16	926
Math. Public	130	4	102	1	237
Math. Private	60	3	44	1	108
Applied Mathematics	12	1	4	0	17
Statistics	27	2	18	1	48
Biostatistics	10	1	12	1	24
NonPhD	300	26	104	11	441
RI/NP	24	2	24	1	51
US Nonacademic	192	31	252	11	486
NonUS Employer	49	3	172	7	231
NonUS Academic	47	2	146	3	198
NonUS Nonacademic	2	1	26	4	33
Not Seeking	7	0	6	0	13
Seeking	59	5	27	2	93
Subtotal	870	78	765	36	1749
Unknown US	49	9	14	1	73
Unknown NonUS	1	2	87	14	104
Total	920	89	866	51	1926



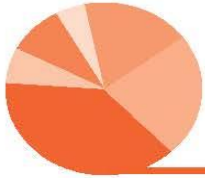
Supplemental Table(s) for the Report on New Doctoral Recipients

Section on Employment

Supplemental Table E.4: Employment Status of 2013-2014 Doctoral Recipients by Field of Thesis

Type of Employer	Algebra/ Number Theory	Real, Comp., Funct., & Harmonic Analysis	Geometry/ Topology	Discr. Math./ Combin. /Logic/ Comp. Sci.	Probability	Statistics	Biostatistics	Applied Math.	Numerical Analysis/ Approx- imations	Linear Nonlinear Optim./ Control	Differential, Integral, & Difference Equations	Math. Educ.	Other/ Unknown	Total
Math. Public Large	27	5	25	10	3	3	0	11	3	1	24	0	1	113
Math. Public Medium	23	5	9	3	5	9	0	16	5	1	3	2	0	81
Math. Public Small	6	5	2	4	2	10	0	3	4	1	3	3	0	43
Math. Private Large	25	6	19	2	8	0	0	3	6	0	13	0	0	82
Math. Private Small	7	4	6	1	0	0	0	2	2	0	4	0	0	26
Applied Mathematics	2	0	0	1	2	3	0	4	1	1	3	0	0	17
Statistics	0	0	0	0	2	39	4	1	0	1	1	0	0	48
Biostatistics	0	0	0	0	0	14	9	1	0	0	0	0	0	24
Master's	8	2	5	8	1	12	2	3	0	1	4	4	0	50
Bachelor's	45	13	12	19	6	26	3	22	4	1	15	9	2	177
Two-Year Colleges	5	6	2	3	2	2	0	1	1	0	6	3	0	31
Other Academic Dept.	13	5	9	7	3	52	33	33	7	4	10	7	0	183
Research Institute/Other Notprofit	6	4	3	2	0	10	12	5	4	1	4	0	0	51
Government	8	2	2	3	1	19	10	15	11	4	1	0	1	77
Business and Industry	31	10	10	17	18	177	37	55	24	8	18	0	4	409
Non-U.S. Academic	51	10	36	14	8	15	2	27	11	2	21	1	0	198
Non-U.S. Nonacademic	4	1	1	2	4	14	0	3	2	0	2	0	0	33
Not Seeking Employment	5	0	1	0	1	2	0	2	0	0	2	0	0	13
Still Seeking Employment	21	8	10	3	6	12	2	12	10	1	8	0	0	93
Unknown (U.S.)	6	2	3	1	1	15	22	9	4	0	4	0	6	73
Unknown (non-U.S.)*	7	0	5	1	2	26	33	8	5	2	9	0	6	104
<b>Total</b>	<b>300</b>	<b>88</b>	<b>160</b>	<b>101</b>	<b>75</b>	<b>460</b>	<b>169</b>	<b>236</b>	<b>104</b>	<b>29</b>	<b>155</b>	<b>29</b>	<b>20</b>	<b>1926</b>
Female	62	26	31	24	18	182	98	70	26	10	43	13	5	608
Male	238	62	129	77	57	278	71	166	78	19	112	16	15	1318





Supplemental Table(s) for the Report on New Doctoral Recipients

Section on Employment

Supplemental Table E.5: 2013–2014 New Ph.D.s Employed in the U.S.  
by Type of Degree-Granting Department

Type of Employer	Math. Public Large	Math. Public Medium	Math. Public Small	Math. Private Large	Math. Private Small	Applied Math.	Statistics	Biostatistics	Total
All Doctoral Mathematics*	117	70	29	77	24	28	17	0	362
Statistics & Biostatistics	2	2	2	2	0	3	48	13	72
Master's, Bachelor's, and 2-Year Colleges	46	86	60	10	24	14	13	5	258
Other Academic and Research Institutes	33	29	17	31	10	24	44	46	234
Government	16	12	6	3	2	16	13	9	77
Business and Industry	54	48	33	37	12	44	145	36	409
<b>Total</b>	<b>268</b>	<b>247</b>	<b>147</b>	<b>160</b>	<b>72</b>	<b>129</b>	<b>280</b>	<b>109</b>	<b>1412</b>

\* Includes Doc. Mathematics: Public Large, Public Medium, Public Small, Private Large, Private Small, and Applied Math.



## Supplemental Table(s) for the Report on New Doctoral Recipients

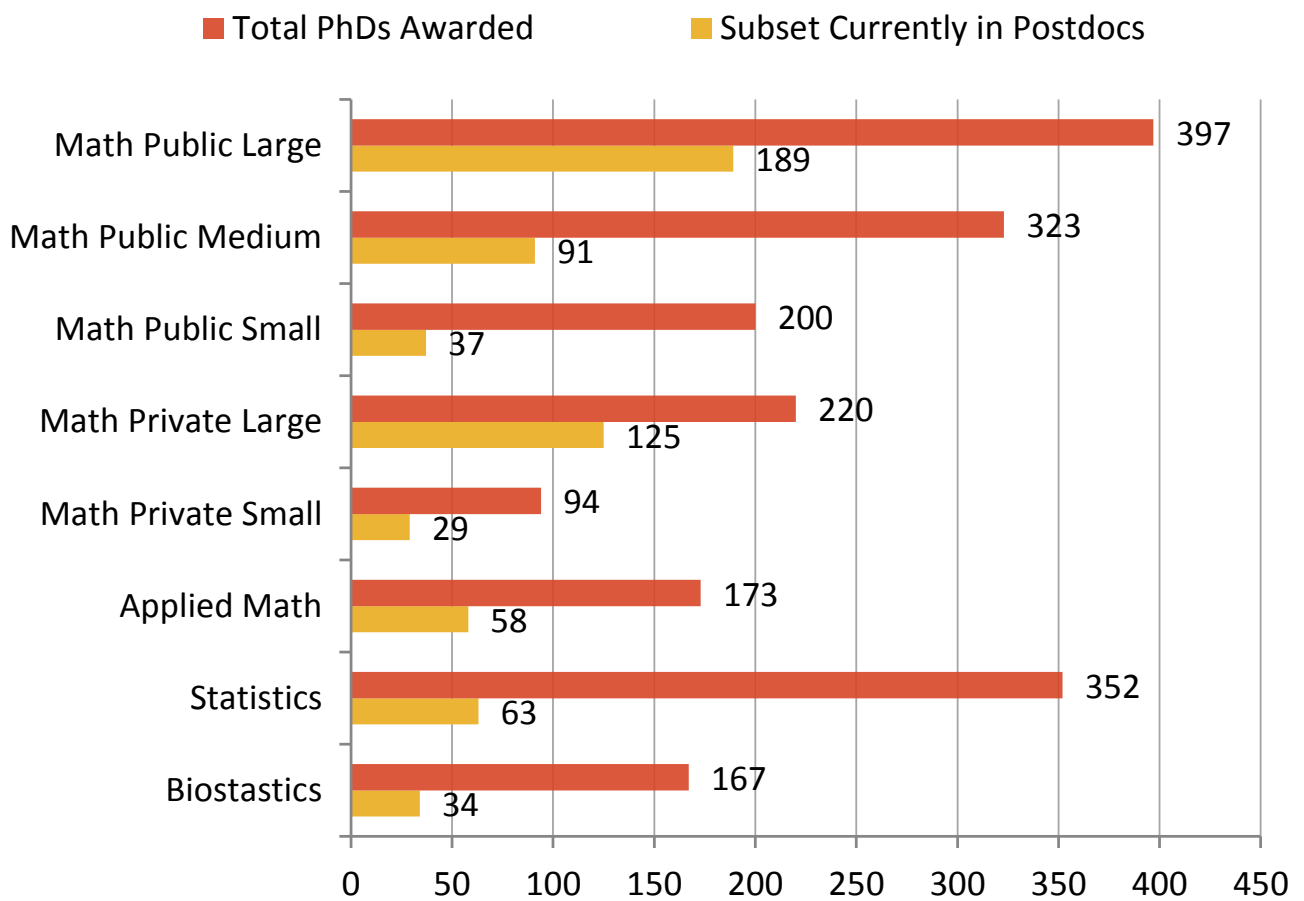
### Section on Employment

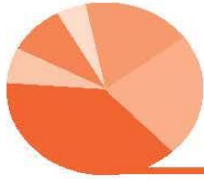
Supplemental Table E.6: 2013–2014 New Ph.D.s Having  
Employment in the U.S. by Type of Employer and Citizenship

U.S. Employer	Citizenship		Total
	U.S.	Non-U.S.	
Academic	563	363	926
All Doctoral Mathematics*	202	160	362
Statistics & Biostatistics	37	35	72
Masters, Bachelors, & 2-Year	198	60	258
Other Academic & Research Institutes	126	108	234
Government, Business & Industry	192	294	486
<b>Total</b>	<b>755</b>	<b>657</b>	<b>1412</b>

\* Includes Doc. Mathematics: Public Large, Public Medium, Public Small, Private Large, Private Small, and Applied Math.

Supplemental Table E.7: 2013-2014 New Ph.D.'s in Postdocs  
by Degree-Granting Department





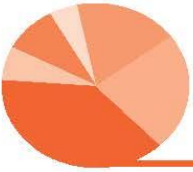
## Supplemental Table(s) for the Report on New Doctoral Recipients

### Section on Employment

Supplemental Table E.8: Percentage of Employed New Ph.D.'s by Type of Employer

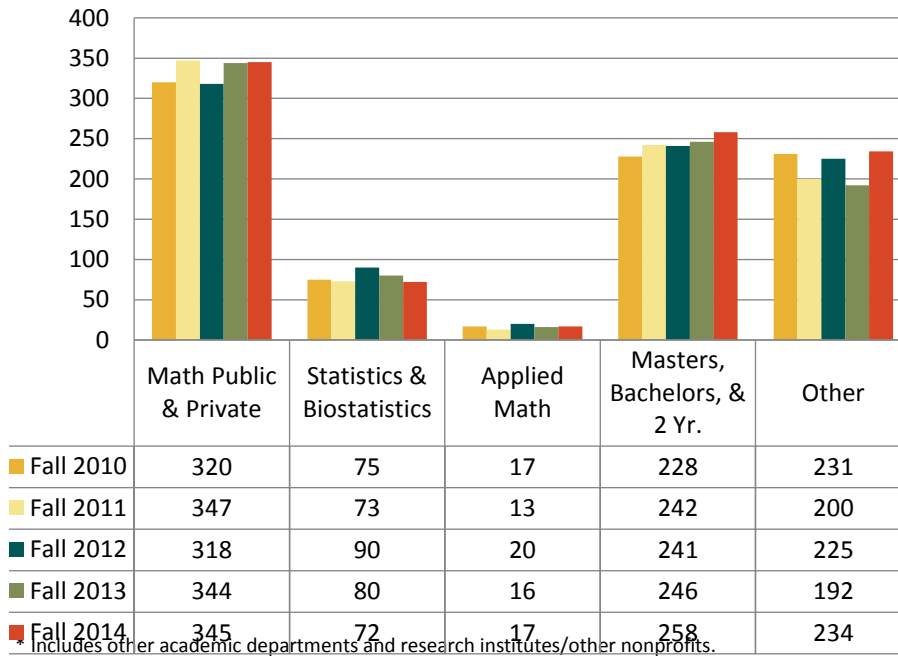
	Employed in US		Employed Outside the US		Total
	US Academic*	US Noncademic	Non-US Academic	Non-US Noncademic	
Fall 2010	65%	23%	12%	1%	<b>1334</b>
Fall 2011	62%	22%	14%	2%	<b>1414</b>
Fall 2012	59%	27%	12%	2%	<b>1511</b>
Fall 2013	56%	29%	13%	2%	<b>1572</b>
Fall 2014	56%	30%	12%	2%	<b>1643</b>
	926	486	198	33	

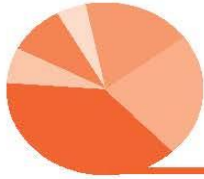
\* Includes other academic departments and research institutes/other nonprofits.



Supplemental Table(s) for the Report on New Doctoral Recipients  
Section on Employment

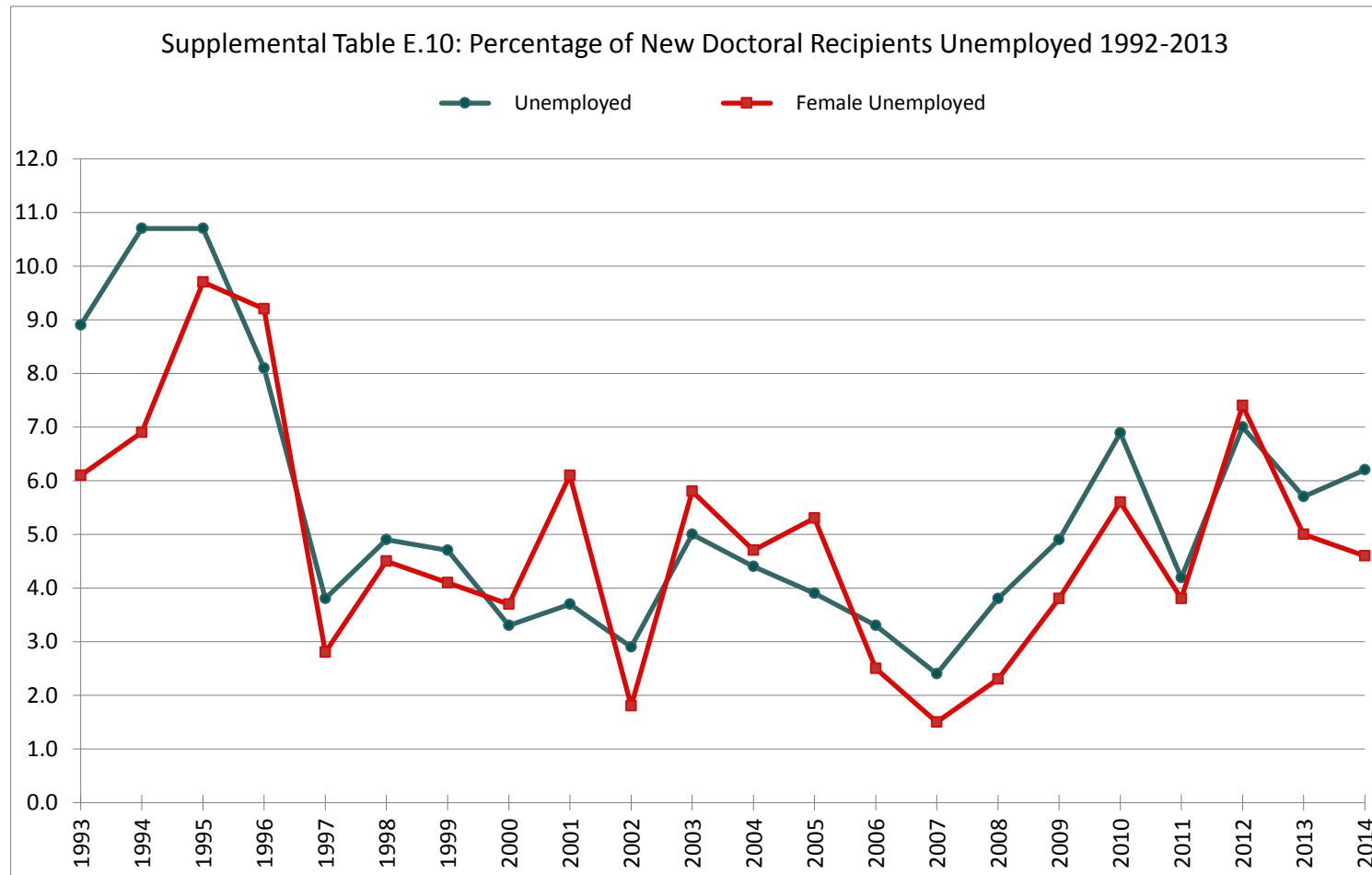
Supplemental Figure E.9 : New Ph.D.s Employed in  
U.S. Academic Positions, 2010-2014

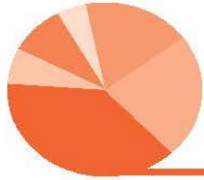




Supplemental Table(s) for the Report on New Doctoral Recipients

Section on Employment



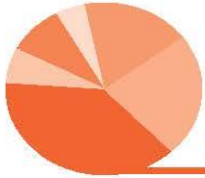


Supplemental Table(s) for the Report on New Doctoral Recipients

Section on Demographics

Supplemental Table D.1: Gender and Citizen of 2013-2014 Doctoral Recipients, by Type of Degree-Granting Department

Citizen	Math. Public Large		Math. Public Medium		Math. Public Small		Math. Private Large		Math. Private Small		Applied Math.		Statistics		Biostatistics		Total	
	Mal	Fem	Mal	Fem	Mal	Fem	Mal	Fem	Mal	Fem	Mal	Fem	Mal	Fem	Mal	Fem	Mal	Fem
U.S.	174	50	124	48	75	26	84	14	40	18	58	24	83	38	26	38	664	256
Non-U.S.	134	39	100	51	67	32	94	28	27	9	61	30	126	105	45	58	654	352
Total	308	89	224	99	142	58	178	42	67	27	119	54	209	143	71	96	1318	608



Supplemental Table(s) for the Report on New Doctoral Recipients

Section on Demographics

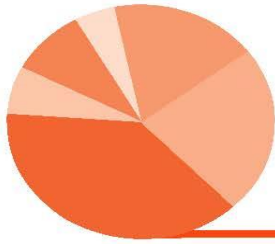
Supplemental Table D.2: U.S. Citizen Doctoral Recipients,  
Fall 2004 to Fall 2014

Year	Total Doctorates Granted by U.S. Institutions	Total U.S. Citizen Doctoral Total	%
2004-05	1222	496	41%
2005-06	1311	552	42%
2006-07	1333	576	43%
2007-08	1378	622	45%
2008-09	1605	742	46%
2009-10	1632	789	48%
2010-11	1653	802	49%
2011-12	1798	863	48%
2012-13	1843	857	47%
2013-14	1926	920	48%

Supplemental Table D.3: Gender of U.S. Citizen Doctoral Recipients,  
Fall 2004 to Fall 2014

Year	Total U.S. Citizen Doctoral Recipients	Male	Female	% Female
2004-05	496	355	141	28%
2005-06	552	399	153	28%
2006-07	576	396	180	31%
2007-08	622	431	191	31%
2008-09	742	515	227	31%
2009-10	789	564	225	29%
2010-11	802	574	228	28%
2011-12	863	621	242	28%
2012-13	857	627	230	27%
2013-14	920	664	256	28%

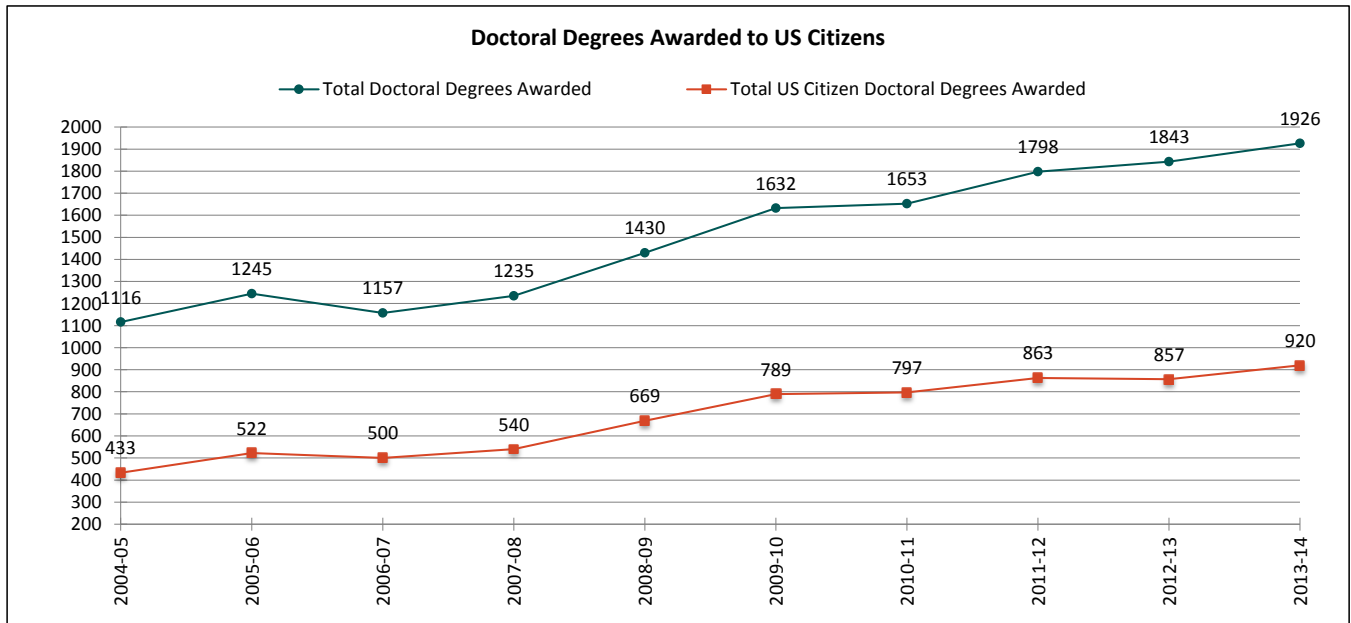


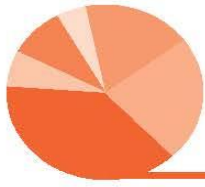


# Annual Survey of the Mathematical Sciences

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American Mathematical Society  
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Supplemental Table(s) for the Report on New Doctoral Recipients

Section on Demographics

Supplemental Table D.5: Gender, Race/Ethnicity & Citizenship of  
2013-2014 New Doctoral Recipients, July 1, 2013 - June 30, 2014

**All Groups Combined**  
315 of 315 departments responding ( 28 with no degrees)

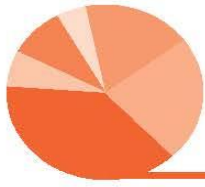
	MEN					WOMEN					TOTAL
	Citizenship					Citizenship					
	US	Non-US			Total	US	Non-US			Total	
		Perm	Temp	Unk			Perm	Temp	Unk		
Am Ind/Alas	5	0	0	3	8	2	0	0	0	2	10
Asian	38	26	413	11	488	23	24	230	12	289	777
Bl/Afr Am	15	7	9	2	33	10	2	3	1	16	49
Hisp/Lat	24	5	22	3	54	5	0	8	0	13	67
Haw/Pac Is	2	1	0	1	4	2	0	0	0	2	6
White	564	9	120	4	697	198	10	46	5	259	956
Unknown	16	4	7	7	34	16	1	8	2	27	61
<b>TOTAL</b>	<b>664</b>	<b>52</b>	<b>571</b>	<b>31</b>	<b>1318</b>	<b>256</b>	<b>37</b>	<b>295</b>	<b>20</b>	<b>608</b>	<b>1926</b>

**All Math Public Groups Combined**  
Doctorate Granting Departments of Mathematics  
130 of 130 departments responding ( 8 with no degrees)

	MEN					WOMEN					TOTAL
	Citizenship					Citizenship					
	US	Non-US			Total	US	Non-US			Total	
		Perm	Temp	Unk			Perm	Temp	Unk		
Am Ind/Alas	1	0	0	3	4	0	0	0	0	0	4
Asian	14	4	192	1	211	7	6	80	5	98	309
Bl/Afr Am	7	5	5	1	18	4	0	2	1	7	25
Hisp/Lat	11	4	13	2	30	2	0	3	0	5	35
Haw/Pac Is	0	1	0	1	2	2	0	0	0	2	4
White	329	3	61	2	395	104	4	18	2	128	523
Unknown	11	1	2	0	14	5	0	1	0	6	20
<b>TOTAL</b>	<b>373</b>	<b>18</b>	<b>273</b>	<b>10</b>	<b>674</b>	<b>124</b>	<b>10</b>	<b>104</b>	<b>8</b>	<b>246</b>	<b>920</b>

**All Math Private Groups Combined**  
Doctorate Granting Departments of Mathematics  
52 of 52 departments responding ( 4 with no degrees)

	MEN					WOMEN					TOTAL
	Citizenship					Citizenship					
	US	Non-US			Total	US	Non-US			Total	
		Perm	Temp	Unk			Perm	Temp	Unk		
Am Ind/Alas	0	0	0	0	0	0	0	0	0	0	0
Asian	9	3	59	2	73	3	1	17	1	22	95
Bl/Afr Am	5	1	3	0	9	2	0	0	0	2	11
Hisp/Lat	3	1	3	0	7	1	0	3	0	4	11
Haw/Pac Is	1	0	0	0	1	0	0	0	0	0	1
White	106	2	46	1	155	26	2	12	0	40	195
Unknown	0	0	0	0	0	0	0	1	0	1	1
<b>TOTAL</b>	<b>124</b>	<b>7</b>	<b>111</b>	<b>3</b>	<b>245</b>	<b>32</b>	<b>3</b>	<b>33</b>	<b>1</b>	<b>69</b>	<b>314</b>



Supplemental Table(s) for the Report on New Doctoral Recipients

**Math Public Large Group**

Doctorate Granting Departments of Mathematics

26 of 26 departments responding ( 0 with no degrees)

	MEN					WOMEN					TOTAL
	Citizenship					Citizenship					
	US	Non-US			Total	US	Non-US			Total	
		Perm	Temp	Unk			Perm	Temp	Unk		
Am Ind/Alas	0	0	0	0	0	0	0	0	0	0	0
Asian	9	1	89	0	99	4	1	30	0	35	134
Bl/Afr Am	3	0	0	1	4	2	0	0	0	2	6
Hisp/Lat	8	3	6	0	17	1	0	3	0	4	21
Haw/Pac Is	0	1	0	0	1	2	0	0	0	2	3
White	146	0	32	0	178	37	0	5	0	42	220
Unknown	8	1	0	0	9	4	0	0	0	4	13
<b>TOTAL</b>	<b>174</b>	<b>6</b>	<b>127</b>	<b>1</b>	<b>308</b>	<b>50</b>	<b>1</b>	<b>38</b>	<b>0</b>	<b>89</b>	<b>397</b>

**Math Public Medium Group**

Doctorate Granting Departments of Mathematics

40 of 40 departments responding ( 0 with no degrees)

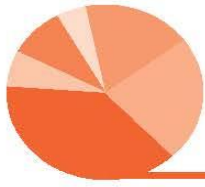
	MEN					WOMEN					TOTAL
	Citizenship					Citizenship					
	US	Non-US			Total	US	Non-US			Total	
		Perm	Temp	Unk			Perm	Temp	Unk		
Am Ind/Alas	1	0	0	3	4	0	0	0	0	0	4
Asian	1	1	64	0	66	1	2	27	2	32	98
Bl/Afr Am	3	2	4	0	9	0	0	2	1	3	12
Hisp/Lat	2	1	4	2	9	1	0	0	0	1	10
Haw/Pac Is	0	0	0	1	1	0	0	0	0	0	1
White	114	1	13	2	130	46	4	11	2	63	193
Unknown	3	0	2	0	5	0	0	0	0	0	5
<b>TOTAL</b>	<b>124</b>	<b>5</b>	<b>87</b>	<b>8</b>	<b>224</b>	<b>48</b>	<b>6</b>	<b>40</b>	<b>5</b>	<b>99</b>	<b>323</b>

**Math Public Small Group**

Doctorate Granting Departments of Mathematics

64 of 64 departments responding ( 8 with no degrees)

	MEN					WOMEN					TOTAL
	Citizenship					Citizenship					
	US	Non-US			Total	US	Non-US			Total	
		Perm	Temp	Unk			Perm	Temp	Unk		
Am Ind/Alas	0	0	0	0	0	0	0	0	0	0	0
Asian	4	2	39	1	46	2	3	23	3	31	77
Bl/Afr Am	1	3	1	0	5	2	0	0	0	2	7
Hisp/Lat	1	0	3	0	4	0	0	0	0	0	4
Haw/Pac Is	0	0	0	0	0	0	0	0	0	0	0
White	69	2	16	0	87	21	0	2	0	23	110
Unknown	0	0	0	0	0	1	0	1	0	2	2
<b>TOTAL</b>	<b>75</b>	<b>7</b>	<b>59</b>	<b>1</b>	<b>142</b>	<b>26</b>	<b>3</b>	<b>26</b>	<b>3</b>	<b>58</b>	<b>200</b>



Supplemental Table(s) for the Report on New Doctoral Recipients

**Math Private Large Group**

Doctorate Granting Departments of Mathematics

24 of 24 departments responding ( 0 with no degrees)

	MEN					WOMEN					TOTAL
	Citizenship					Citizenship					
	US	Non-US			Total	US	Non-US			Total	
		Perm	Temp	Unk			Perm	Temp	Unk		
Am Ind/Alas	0	0	0	0	0	0	0	0	0	0	0
Asian	8	1	45	1	55	3	1	10	1	15	70
Bl/Afr Am	0	0	0	0	0	0	0	0	0	0	0
Hisp/Lat	2	1	1	0	4	1	0	3	0	4	8
Haw/Pac Is	1	0	0	0	1	0	0	0	0	0	1
White	73	2	43	0	118	10	2	11	0	23	141
Unknown	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>84</b>	<b>4</b>	<b>89</b>	<b>1</b>	<b>178</b>	<b>14</b>	<b>3</b>	<b>24</b>	<b>1</b>	<b>42</b>	<b>220</b>

**Math Private Small Group**

Doctorate Granting Departments of Mathematics

28 of 28 departments responding ( 4 with no degrees)

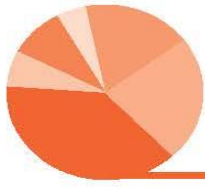
	MEN					WOMEN					TOTAL
	Citizenship					Citizenship					
	US	Non-US			Total	US	Non-US			Total	
		Perm	Temp	Unk			Perm	Temp	Unk		
Am Ind/Alas	0	0	0	0	0	0	0	0	0	0	0
Asian	1	2	14	1	18	0	0	7	0	7	25
Bl/Afr Am	5	1	3	0	9	2	0	0	0	2	11
Hisp/Lat	1	0	2	0	3	0	0	0	0	0	3
Haw/Pac Is	0	0	0	0	0	0	0	0	0	0	0
White	33	0	3	1	37	16	0	1	0	17	54
Unknown	0	0	0	0	0	0	0	1	0	1	1
<b>TOTAL</b>	<b>40</b>	<b>3</b>	<b>22</b>	<b>2</b>	<b>67</b>	<b>18</b>	<b>0</b>	<b>9</b>	<b>0</b>	<b>27</b>	<b>94</b>

**Applied Mathematics Group**

Doctorate Granting Departments of Applied Mathematics

31 of 31 departments responding ( 2 with no degrees)

	MEN					WOMEN					TOTAL
	Citizenship					Citizenship					
	US	Non-US			Total	US	Non-US			Total	
		Perm	Temp	Unk			Perm	Temp	Unk		
Am Ind/Alas	1	0	0	0	1	1	0	0	0	1	2
Asian	4	1	46	1	52	1	3	19	2	25	77
Bl/Afr Am	0	0	0	0	0	1	0	0	0	1	1
Hisp/Lat	6	0	1	1	8	1	0	0	0	1	9
Haw/Pac Is	1	0	0	0	1	0	0	0	0	0	1
White	45	2	7	0	54	19	1	4	1	25	79
Unknown	1	0	2	0	3	1	0	0	0	1	4
<b>TOTAL</b>	<b>58</b>	<b>3</b>	<b>56</b>	<b>2</b>	<b>119</b>	<b>24</b>	<b>4</b>	<b>23</b>	<b>3</b>	<b>54</b>	<b>173</b>



Supplemental Table(s) for the Report on New Doctoral Recipients

**Statistics Group**

Doctorate Granting Departments of Statistics

58 of 58 departments responding ( 1 with no degrees)

	MEN					WOMEN					TOTAL
	Citizenship					Citizenship					
	US	Non-US			Total	US	Non-US			Total	
		Perm	Temp	Unk			Perm	Temp	Unk		
Am Ind/Alas	3	0	0	0	3	1	0	0	0	1	4
Asian	7	9	93	7	116	9	9	80	3	101	217
Bl/Afr Am	3	1	0	0	4	3	0	0	0	3	7
Hisp/Lat	2	0	5	0	7	0	0	2	0	2	9
Haw/Pac Is	0	0	0	0	0	0	0	0	0	0	0
White	66	1	4	1	72	24	1	7	2	34	106
Unknown	2	0	0	5	7	1	0	0	1	2	9
<b>TOTAL</b>	<b>83</b>	<b>11</b>	<b>102</b>	<b>13</b>	<b>209</b>	<b>38</b>	<b>10</b>	<b>89</b>	<b>6</b>	<b>143</b>	<b>352</b>

**Biostatistics Group**

Doctorate Granting Departments of Biostatistics

44 of 44 departments responding ( 13 with no degrees)

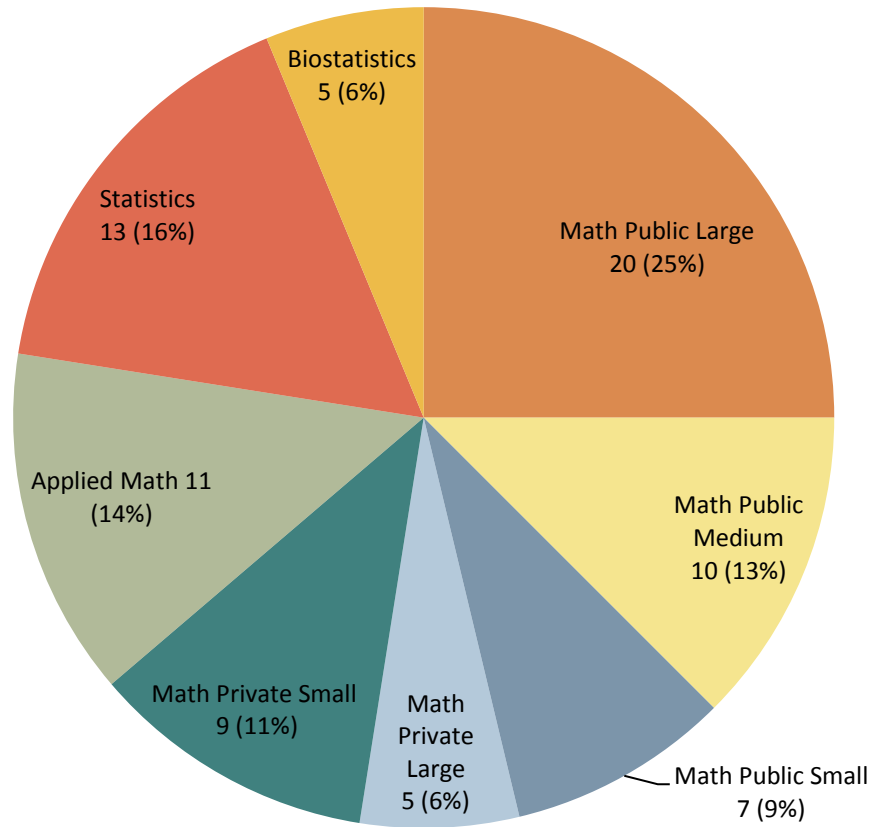
	MEN					WOMEN					TOTAL
	Citizenship					Citizenship					
	US	Non-US			Total	US	Non-US			Total	
		Perm	Temp	Unk			Perm	Temp	Unk		
Am Ind/Alas	0	0	0	0	0	0	0	0	0	0	0
Asian	4	9	23	0	36	3	5	34	1	43	79
Bl/Afr Am	0	0	1	1	2	0	2	1	0	3	5
Hisp/Lat	2	0	0	0	2	1	0	0	0	1	3
Haw/Pac Is	0	0	0	0	0	0	0	0	0	0	0
White	18	1	2	0	21	25	2	5	0	32	53
Unknown	2	3	3	2	10	9	1	6	1	17	27
<b>TOTAL</b>	<b>26</b>	<b>13</b>	<b>29</b>	<b>3</b>	<b>71</b>	<b>38</b>	<b>10</b>	<b>46</b>	<b>2</b>	<b>96</b>	<b>167</b>

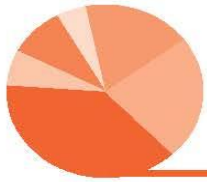
Supplemental Table D.6: Profile of PhDs Awarded to Underrepresented Minorities (URMs)\*  
by Degree Granting Group and Citizenship

	Number of PhDs Awarded to US Citizens & Permanent Residents	Underrepresented Minorities		Number of PhDs awarded to URMs	As % of Total URMs	As % of PhDs awarded to US Citizens & Permanent Residents within Group
		US Citizens	Permanent Resident			
Math Public Large	231	16	4	20	25%	8.7%
Math Public Medium	183	7	3	10	13%	5.5%
Math Public Small	111	4	3	7	9%	6.3%
Math Private Large	105	4	1	5	6%	4.8%
Math Private Small	61	8	1	9	11%	14.8%
Applied Math	89	11	0	11	14%	12.4%
Statistics	142	12	1	13	16%	9.2%
Biostatistics	87	3	2	5	6%	5.7%
<b>Total</b>	<b>1009</b>	<b>65</b>	<b>15</b>	<b>80</b>	<b>100%</b>	

\* Underrepresented minorities include any person, who is a U.S. Citizen or Permanent Resident, who is Black or African American, Hispanic or Latino, American Indian, Alaska Native, Native Hawaiian or Other Pacific Islander.

Supplemental Figure D.7: The Number of and Percentage of Total PhDs Awarded to Underrepresented Minorities\* by Degree-granting Group



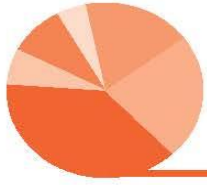


Supplemental Table(s) for the Report on New Doctoral Recipients

Section on Females

Supplemental Table F.1: Females as a Percentage of 2013–14 New Ph.D.s Produced by and Hired by  
Doctoral-Granting Department Grouping

	<b>Math Public Large</b>	<b>Math Public Medium</b>	<b>Math Public Small</b>	<b>Math Private Large</b>	<b>Math Private Small</b>	<b>Applied Math</b>	<b>Statistics</b>	<b>Biostatistics</b>	<b>Total</b>
Produced	22%	31%	29%	19%	29%	31%	41%	57%	<b>32%</b>
Hired*	27%	32%	28%	21%	19%	47%	21%	42%	



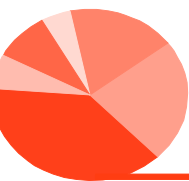
Supplemental Table(s) for the Report on New Doctoral Recipients

Section on Females

Supplemental Table F.2: Employment Status of 2013-2014 Female New Doctoral Recipients  
by Type of Degree-Granting Department

Type of Employer	Math. Public Large	Math. Public Medium	Math. Public Small	Math. Private Large	Math. Private Small	Applied Math.	Statistics	Biostatistics	Total
Math. Public Large	14	5	0	6	2	1	2	0	30
Math. Public Medium	5	10	0	2	2	3	4	0	26
Math. Public Small	0	3	7	0	0	1	1	0	12
Math. Private Large	4	0	0	9	2	1	1	0	17
Math. Private Small	1	0	0	1	2	1	0	0	5
Applied Mathematics	2	1	0	0	0	5	0	0	8
Statistics	0	0	0	0	0	0	8	2	10
Biostatistics	0	0	0	0	0	0	4	6	10
Master's	3	5	3	1	3	0	1	1	17
Bachelor's	13	34	11	1	6	6	5	2	78
Two-Year Colleges	0	1	4	0	2	0	0	0	7
Other Academic Dept.	4	7	4	7	1	7	15	18	63
Research Institute/Other Notprofit	4	1	1	1	1	0	3	6	17
Government	3	1	3	2	1	3	7	6	26
Business and Industry	13	14	7	6	1	14	60	18	133
Non-U.S. Academic	12	5	4	4	3	4	7	2	41
Non-U.S. Nonacademic	1	2	0	0	0	0	6	0	9
Not Seeking Employment	0	1	1	0	0	0	0	0	2
Still Seeking Employment	5	4	8	1	0	2	1	1	22
Unknown (U.S.)	1	2	4	0	0	3	5	13	28
Unknown (non-U.S.)*	4	3	1	1	1	3	13	21	47
<b>Total</b>	<b>89</b>	<b>99</b>	<b>58</b>	<b>42</b>	<b>27</b>	<b>54</b>	<b>143</b>	<b>96</b>	<b>608</b>





# Annual Survey of the Mathematical Sciences

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