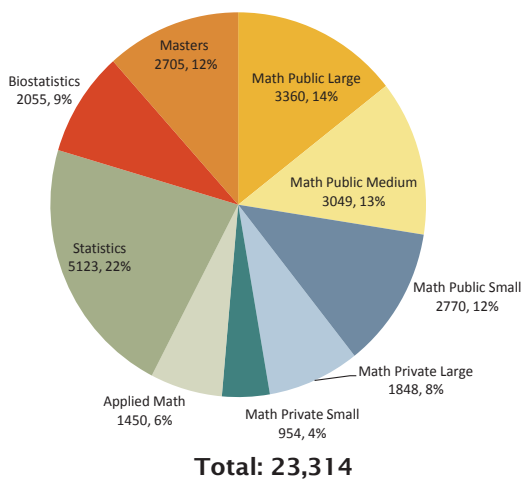


## Graduate Students

In fall 2015, the total number of full-time graduate students is estimated at 23,314, with 16,136 in Math (up from 15,939 in fall 2014) and 7,187 in Stats. The total number of full-time graduate students in Doctoral Math departments is 13,431 (up from 13,023). In Doctoral Math departments, counts of full-time and first-year graduate students who are US citizens or permanent residents have remained essentially unchanged at 7,123 and 1,827, respectively. For the Masters Group, full-time graduate students decreased 7% to 2,705, the number of US citizens and permanent residents is 1,930 (down from 2,022), and the number of first-year students is 1,203 (down from 1,287). Stats reported full-time first-year graduate students at 2,538, up from 2,274. Females account for 37% (8,597) of all full-time graduate students.

**Figure GS.1: Graduate Students by Department Grouping**



- First-year graduate students increased in all groups, except Math Public Medium, Math Private Large, and Masters; Math Public Large, Statistics, and Biostatistics Groups had the largest percentage increases with 10%, 10%, and 17%, respectively.
- US citizen and permanent resident graduate students remained essentially unchanged at 11,823 while most groups reported decreases of less than 5%, the Math Public Small Group reported an 11% decrease; the Statistics Group reported an increase of 4%, followed by the Math Public Medium and Math Public Large Groups which both reported increases of 3%.
- Underrepresented minorities accounted for 14% of US citizen and permanent resident graduate students and 12% of first-year graduate students. Females compose 37% of both of these categories.
- All groups reported an increase in underrepresented minorities except Math Public Large and Stats which showed decreases of 28% and 15%, respectively.
- Non-US citizen full-time graduate students and full-time female graduate student counts increased in all groups except Masters, where these respective counts decreased by 13% and 5%.

**Features of full-time graduate student data:**

- Full-time graduate students and full-time female graduate students increased in all groups except Math Private Small and Masters.
- Statistics departments had the largest percentage and number increase in graduate students with 11% (up from 4,597 to 5,123)

**Features of part-time graduate student data:**

- Total part-time graduate student counts increased in all groups except in Math Private Large and Applied Math, where there were decreases of 22% and 9%, respectively.
- Part-time US citizen and permanent resident graduate student counts increased 5% to 3,853, and non-US citizen counts increased 11% to 726.
- Underrepresented minorities account for 16% of part-time US citizen and permanent resident graduate students, the same as last year.

**Table GS.2: Full-Time Graduate Students in All Doctoral Math Combined by Gender and Citizenship, Fall 2006–2015**

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>Total full-time graduate students</b>	<b>10984</b>	<b>10936.7</b>	<b>10883</b>	<b>11286.5</b>	<b>13048</b>	<b>12514</b>	<b>12684</b>	<b>12961</b>	<b>13023</b>	<b>13431</b>
Female	3279	3249	3193	3248	3839	3773	3771	3969	3925	4039
% Female	30%	30%	29%	29%	29%	30%	30%	31%	30%	30%
% US Citizen & Permanent Residents <sup>1</sup>	56%	56%	55%	56%	57%	56%	54%	53%	55%	53%
% Underrepresented minorities <sup>2</sup>	9%	9%	9%	9%	11%	8%	8%	9%	11%	15%
<b>Total first-year full-time graduate students</b>	<b>2960</b>	<b>2964</b>	<b>2924</b>	<b>3040</b>	<b>3313</b>	<b>3288</b>	<b>3394</b>	<b>3623</b>	<b>3551</b>	<b>3646</b>
Female	961	950	870	904	1019	1077	1036	1205	1193	1188
% Female	32%	32%	30%	30%	31%	33%	31%	33%	34%	33%
% US Citizen & Permanent Residents <sup>1</sup>	55%	56%	56%	55%	51%	50%	54%	53%	55%	53%
% Underrepresented minorities <sup>2</sup>	10%	10%	10%	9%	9%	9%	7%	10%	13%	14%

<sup>1</sup> Starting with 2014, departments were asked to report US citizen and permanent resident counts together; previously permanent residents were included in the non-US citizen counts. All percentages prior to 2014 have been updated to allow for comparison with previous years' data.

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

# Annual Survey of the Mathematical Sciences

www.ams.org/annual-survey

Table GS.1: Graduate Students, Fall 2015

	Math. Public Large	Math. Public Medium	Math. Public Small	Math. Private Large	Math. Private Small	Applied Math.	All Doctoral Math. Combined	Masters	All Math. Combined	Statistics	Biostatistics	Statistics & Biostatistics Combined	Total All Groups Combined
<b>Total Graduate Students</b>													
Full-time	3360	3049	2770	1848	954	1450	13431	2705	16136	5123	2055	7178	23314
<i>Standard error</i>							110	178	209	208	127	244	
First-year graduate students	789	738	784	560	284	491	3646	1203	4849	1886	652	2538	7387
<i>Standard error</i>							55	98	113	108	38	114	
Part-time	176	397	680	213	149	253	1868	1769	3637	625	317	942	4579
<i>Standard error</i>							55	197	205	83	30	88	
<b>Female Graduate Students</b>													
Full-time	877	981	952	485	286	458	4039	1192	5231	2261	1105	3366	8597
First-year full-time	222	248	280	184	82	172	1188	529	1717	868	363	1231	2948
Part-time	80	178	271	56	59	78	722	811	1533	240	152	4597	1925
<b>US Citizen &amp; Permanent Residents Graduate Students</b>													
Full-time	1854	1855	1635	645	500	634	7123	1930	9053	1759	1011	2770	11823
<i>Standard error</i>							49	142	150	97	72	121	
First-year full-time	391	454	494	148	140	200	1827	830	2657	645	355	1000	3657
Part-time	128	346	579	142	114	184	1493	1646	3139	484	230	3891	3853
<i>Standard error</i>							47	191	196	73	23	77	

# Annual Survey of the Mathematical Sciences

www.ams.org/annual-survey

Table GS.2: Full-Time Graduate Students in All Doctoral Mathematics Departments Combined  
by Sex and Citizenship, Fall 2004-2015

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>Total full-time graduate students</b>	<b>10707</b>	<b>10565</b>	<b>10984</b>	<b>10937</b>	<b>10883</b>	<b>11286</b>	<b>13048</b>	<b>12514</b>	<b>12684</b>	<b>12961</b>	<b>13023</b>	<b>13431</b>
Female	3245	3111	3279	3249	3193	3248	3839	3773	3771	3969	3925	4039
% Female	30%	29%	30%	30%	29%	29%	29%	30%	30%	31%	30%	30%
% US Citizen & Permanent Residents <sup>2</sup>	55%	56%	56%	56%	55%	56%	57%	56%	54%	53%	55%	53%
% Underrepresented minorities <sup>3</sup>	9%	10%	9%	9%	9%	9%	11%	8%	8%	9%	11%	15%
<b>Total first-year graduate students</b>	<b>3004</b>	<b>2832</b>	<b>2960</b>	<b>2964</b>	<b>2924</b>	<b>3040</b>	<b>3313</b>	<b>3288</b>	<b>3394</b>	<b>3623</b>	<b>3551</b>	<b>3646</b>
Female	983	851	961	950	870	904	1019	1077	1036	1205	1193	1188
% Female	33%	30%	32%	32%	30%	30%	31%	33%	31%	33%	34%	33%
% US Citizen & Permanent Residents <sup>2</sup>	60%	59%	55%	56%	56%	55%	51%	50%	54%	53%	55%	53%
% Underrepresented minorities <sup>3</sup>	9%	10%	10%	10%	10%	9%	9%	9%	7%	10%	13%	14%

<sup>1</sup> Figures adjusted since the original report are in red.

<sup>2</sup> Starting with 2014 departments were asked to report US citizen and permanent resident counts together. All percentages prior to 2014 have been updated to allow for comparison with previous years data.

<sup>3</sup> Prior to 2014 these counts only included US Citizens. Underrepresented minorities includes any person having origins within the categories American Indian or Alaska Native, Black or African American, Hispanic or Latino, and Native Hawaiian or Other Pacific Islander.