

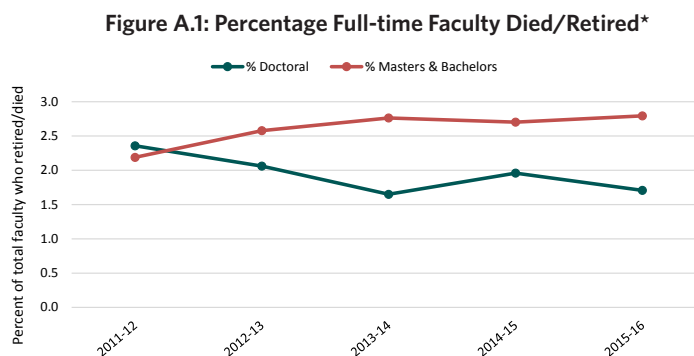
**Faculty Attrition**

Figure A.1 shows rates of attrition from deaths and retirements among full-time faculty numbers for the academic years 2011-12 through 2015-16. On average over the period shown, the percentage of faculty in doctoral departments retiring or dying each year is about 1.9%, and in Masters and Bachelors departments that percentage is about 2.6%.

During the same period, in the respective groups, the percentages of tenured faculty who retired averaged 3.5% for Doctoral Math departments, 3.9% for Bachelors and Masters, and 2.9% for Stat/Biostat. The majority of individuals who are reported by their department as retiring are, in fact, members of the tenured faculty. For instance, data collected for 2011-15 indicate that approximately 86% of those retiring were tenured.

Here are a few other highlights for the attrition data from the 2015-16 cycle in comparison with the previous year:

- Overall retirements by tenured faculty decreased by 5% to 430
- Deaths and retirements decreased by 4% to 565
- Overall retirements (515) break down by departmental grouping as follows:
  - 48% (247) were from Bachelor
  - 30% (154) were from Doctoral Math
  - 18% (93) were from Masters
  - 4% (21) were from Stat/Biostat



\* The percentage of full-time faculty who died or retired is the number of faculty who died or retired at some point during the academic year (September 1 through August 31) divided by the number of full-time faculty at the start of the academic year.

# Annual Survey of the Mathematical Sciences

www.ams.org/annual-survey

Table A.1: Faculty Deaths & Retirements, Fall 2016

	Math. Public Large Group	Math. Public Medium Group	Math. Public Small Group	Math. Private Large Group	Math. Private Small Group	Applied Math. Group	Total Doctoral Groups Combined	Master's	Bachelor's	Total Math. Groups Combined	Statistics Group	Biostatistics Group	Total Statistics & Biostatistics Combined	Total All Groups
Full-time faculty who retired or died	32	42	66	8	15	6	169	101	271	541	18	6	24	565
<i>Standard Error</i>	3	3	4	1	2	1	6	7	17	20	3	2	3	20
% of Full-time faculty	1.5%	2.1%	2.9%	0.7%	1.8%	1.1%	1.5%	2.3%	3.0%	2.4%	0.2%	0.6%	1.1%	2.3%
Died	5	2	6	1	1	0	15	8	24	47	3	0	3	50
Retired	27	40	60	7	14	6	154	93	247	494	15	6	21	515
Tenured Faculty	26	33	50	7	11	6	133	73	206	412	12	6	18	430

# Annual Survey of the Mathematical Sciences

www.ams.org/annual-survey

Table A.2: Tenured Faculty Retirements, Fall 2016

	Math. Public Large Group	Math. Public Medium Group	Math. Public Small Group	Math. Private Large Group	Math. Private Small Group	Applied Math. Group	Total Doctoral Math. Groups	Master's	Bachelor's	Total Math. Groups Combined	Statistics Group	Biostatistics Group	Total Statistics & Biostatistics Combined	Total All Groups
Full-time Tenured faculty who retired	26	33	50	7	11	6	133	73	206	412	12	6	18	412
<i>Standard Error</i>	3	2	3	1	2	1	6	6	14	16	2	2	3	17
% of Full-time tenured faculty	2.2%	3.1%	4.2%	1.3%	2.3%	2.1%	2.8%	3.1%	4.3%	3.4%	1.8%	1.7%	1.8%	1.7%

# Annual Survey of the Mathematical Sciences

[www.ams.org/annual-survey](http://www.ams.org/annual-survey)

Figure A.2: Retired Faculty as a Percentage of Tenured Faculty, Fall 2000-2015

