

Faculty Attrition

Figure A.1 shows the variation in attrition from deaths and retirements among full-time faculty for the academic years 2012-13 through 2016-17. 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 2.7%.

During the same period, in the respective groups, the percentages of tenured faculty who retired averaged 3.3% for Doctoral Math departments, 4.7% for Bachelors and Masters, and 5.8% for Stats. As reported in previous years, departments continue to report the majority of those retiring as members of the tenured faculty. For instance, for 2015-17 approximately, 82%, 83%, and 82% of these faculty have retired.

Here are a few other highlights from the attrition data from the 2016-17 cycle:

- Overall retirements by tenured faculty increased by 9% to 469
- Deaths and retirements increased by 6% to 599
- Overall deaths and retirements break down by departmental grouping as follows:
 - 44% (263) were from Bachelor
 - 29% (175) were from Doctoral Math
 - 16% (97) were from Masters
 - 11% (64) were from Stats

Figure A.1: Percentage Full-time Faculty Died/Retired*

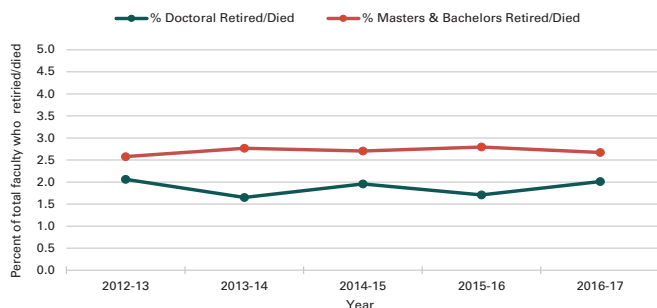
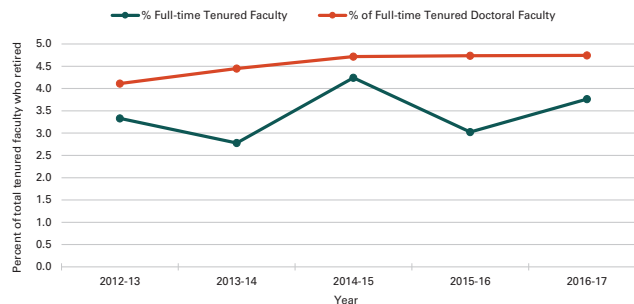


Figure A.2: Percentage Full-time Tenured Doctoral Faculty Died/Retired*



* 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.

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Table A.1
Faculty Deaths & Retirements, Fall 2017

	Math Public Large Group	Math Public Medium Group	Math Public Small Group	Math Private Large Group	Math Private Small Group	Applied Math Group	Statistics Group	Biostatistics Group	Total Doctoral Math	Total Stats	Total Doctoral	Masters	Bachelors	Total Math	Grand Total
Full-time faculty who retired or died	41	40	56	14	11	13	39	25	175	64	239	97	263	424	599
<i>Standard Error</i>	3	2	3	1	2	2	5	8	15	17	4	7	8	19	19
% of Full-time faculty	2%	2%	2%	1%	1%	2%	3%	2%	2%	3%	2%	2%	3%	2%	2%
Died	2	-	4	3	-	4	-	-	13	-	13	1	16	17	30
Retired	39	40	52	11	11	9	39	25	162	64	226	96	247	407	569
Tenured Faculty	37	37	51	10	11	9	31	12	155	43	198	74	197	314	469

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Table A.2

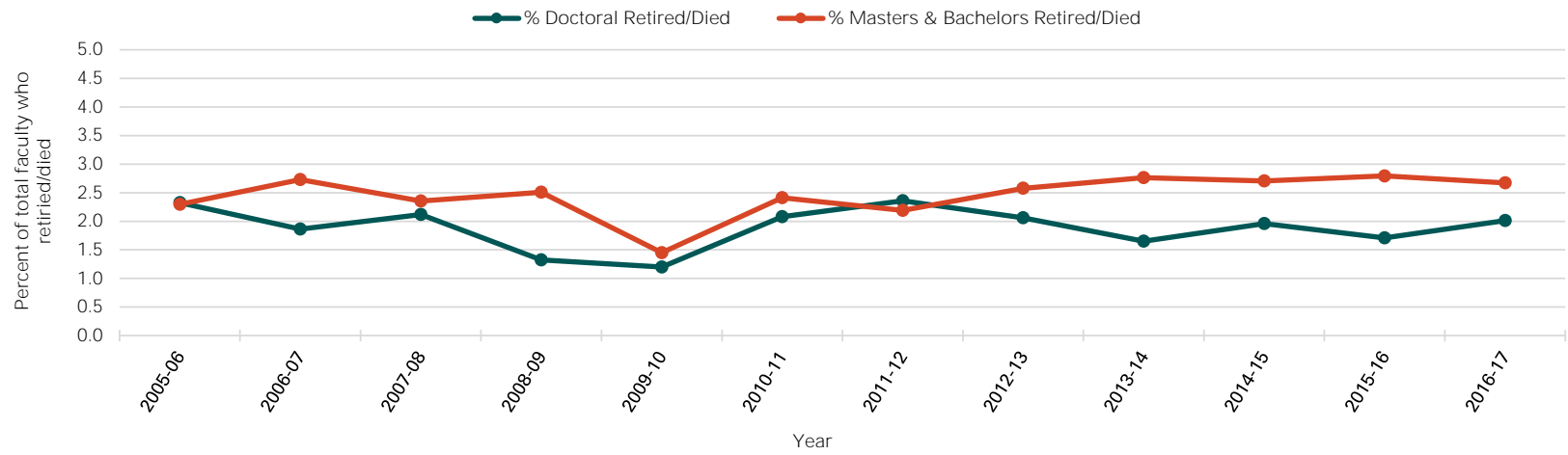
Tenured Faculty Retirements, Fall 2017

	Math Public Large Group	Math Public Medium Group	Math Public Small Group	Math Private Large Group	Math Private Small Group	Applied Math Group	Statistics Group	Biostatistics Group	Total Doctoral Math	Total Stats	Total Doctoral	Masters	Bachelors	Total Math	Grand Total
Full-time Tenured faculty who retired	37	37	51	10	11	9	31	12	155	43	198	74	197	426	581
<i>Standard Error</i>	2	2	3	2	2	2	3	2	5	4		6	13	15	
% of Full-time tenured faculty	3.1%	3.4%	3.9%	1.8%	2.3%	3.1%	4.2%	3.3%	3.2%	3.9%	14.3%	3.2%	4.0%	3.5%	2.3%

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Figure A.1: Percentage of Full-time Faculty who Died/Retired, Fall 2005-2017



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Figure A.2: Retired Faculty as a Percentage of Tenured Faculty, Fall 2005-2017

