



A Brief Overview of Female New Doctoral Recipients in the Mathematical Sciences

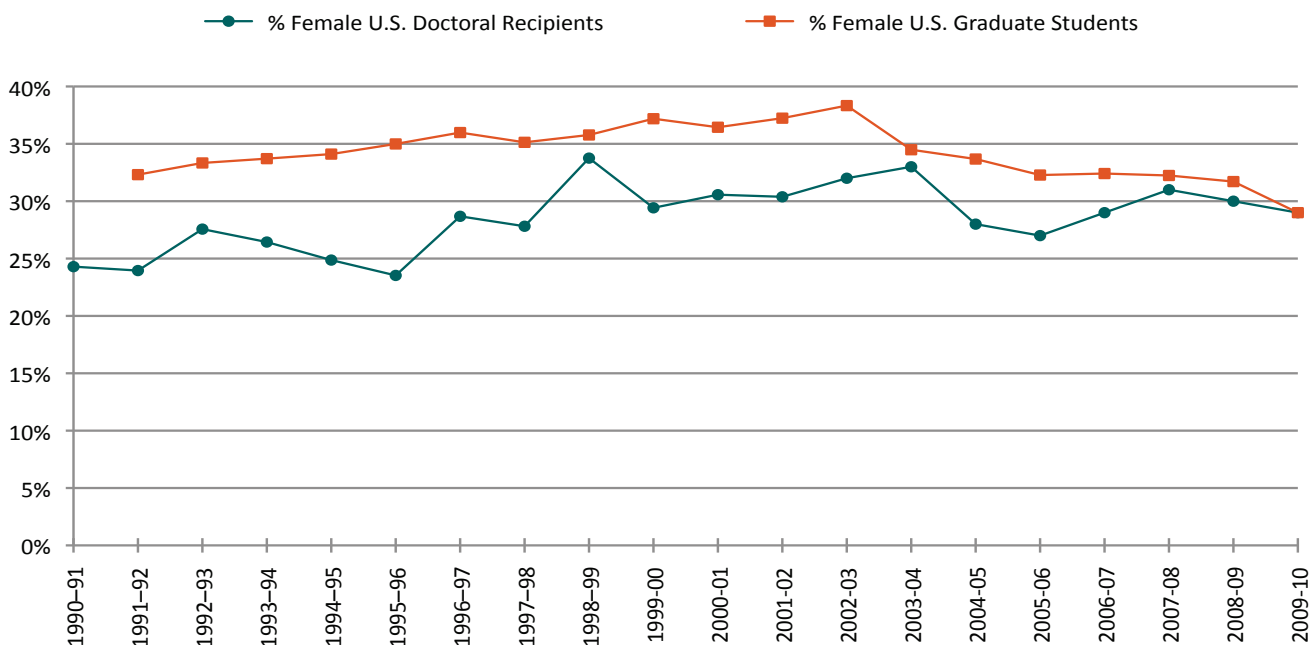
Overall, 32% of the 1,475 new doctoral recipients in 2009–10 are female, the same percentage as 2008–09, although the number has risen from 388 in 2008, to 462 in 2009, to 472 in 2010. Group B (Bachelor’s granting departments) hired 44% of the female new doctoral recipients (up from 43% last year) followed closely by Group M (Master’s granting departments) with 43% (up from 40%). Of those new doctoral recipients that were hired, 39% went to Group IV departments (statistics and biostatistics) while Groups I, II, III (PhD granting math departments) ranged from 13% to 25%.



Of the 472 female new doctoral recipients that were produced this year, 354 (24% of the total 1475) have found employment. 168 of females found employment in academic positions in the U.S., with the largest group taking positions at bachelor’s granting departments. 22 females were hired into government positions, while 67 (just over 14%) took positions in business and industry. The unemployment rate for females is 8.9%, compared to 10.4% for males and 9.9% overall.

25% of those reporting having postdoc positions are women (472). 43% of the women employed in Groups I–Va are in postdoc positions. The percentage of female new doctoral recipients within fields of thesis ranged from 2% in algebra/number theory, to 40% in mathematics education and 45% in statistics.

Females as a Percentage of U.S. Citizen Doctoral Recipients



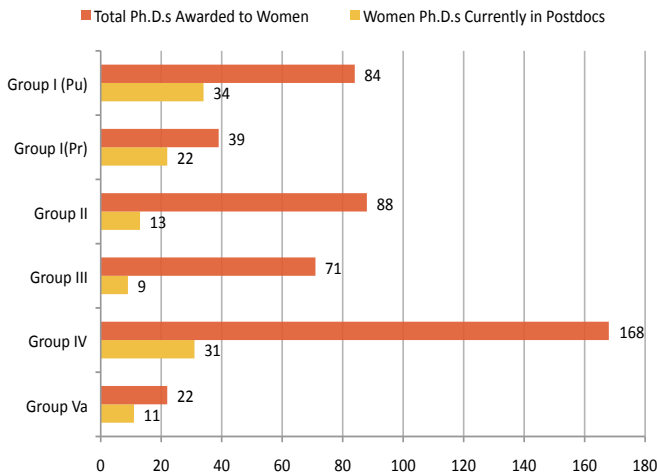
Employment Status of 2009-2010 Doctoral Recipients in the Mathematical Sciences by Type of Degree-Granting Department

Type of Employer	Group I (Public) Math.	Group I (Private) Math.	Group II Math.	Group III Math.	Group IV Statistics	Group Va Applied Math.	Total
Group I (Public)	12	3	1	0	0	0	16
Group I (Private)	7	7	0	2	1	0	17
Group II	3	3	12	2	1	1	22
Group III	1	0	0	3	2	0	6
Group IV	1	0	1	0	24	0	26
Group Va	0	0	0	0	1	0	1
Master's	2	0	3	5	1	2	13
Bachelor's	13	2	21	23	6	2	67
Two-Year Colleges	1	0	4	1	0	0	6
Other Academic Dept.	4	4	8	8	35	6	65
Research Institute/Other Notprofit	2	1	2	2	9	2	18
Government	4	1	4	0	12	1	22
Business and Industry	5	6	4	4	38	2	59
Non-U.S. Academic	12	5	3	4	6	2	32
Non-U.S. Nonacademic	0	0	2	3	5	0	10
Not Seeking Employment	0	1	2	1	0	1	5
Still Seeking Employment	9	2	7	6	8	1	33
Unknown (U.S.)	4	0	10	5	15	2	36
Unknown (non-U.S.)*	4	4	4	2	4	0	18
Total	84	39	88	71	168	22	472

Number of Females Hired into Academic Positions in the U.S. by Type of Hiring Department, Fall 2006 to Fall 2010

Year	Group I (Public) Math.	Group I (Private) Math.	Group II Math.	Group III Math.	Group IV Statistics	Group Va Applied Math.	Master's	Bachelor's	2-Yr Coll./ Other Acad/ Res. Inst.	Total
Fall 2006	14	13	18	15	28	5	19	35	56	203
Fall 2007	18	16	23	21	15	5	25	45	53	221
Fall 2008	15	12	19	13	21	0	15	50	71	216
Fall 2009	13	16	20	13	23	1	20	68	77	251
Fall 2010	16	17	22	6	26	1	13	67	89	257

New Women Ph.D.s in Postdocs by Degree-Granting Department



Women Employed in Postdocs by Type of Employer

