

Annual Survey of the Mathematical Sciences

www.ams.org/annual-survey

Table R.1: Summary of Recruitment and Hiring, Fall 2015

	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	Statistics & Biostatistics Groups Combined	Total All Groups Combined
Posted Doctoral Positions Total Number	249	157	163	147	81	61	858	217	653	1728	106	118	224	1952
<i>Standard Error</i>	14	7	10	11	11	8	23	18	27	40	8	15	23	43
Tenured/tenure-track	55	74	76	44	39	20	308	145	338	791	72	72	144	935
Open to new doctoral recipients	33	51	68	32	26	12	222	135	323	680	61	52	113	793
Open to assoc/full level	20	12	15	17	7	7	78	25	44	147	29	37	66	213
Non-tenure-track	194	83	87	103	42	41	550	72	315	937	34	46	80	1017
Open to new doctoral recipients	181	82	80	94	38	39	514	68	278	860	30	41	71	931
Temporary 1-year appointments	33	15	46	16	10	8	128	36	163	327	6	12	18	345
Reported Hires for Above Total number	239	147	143	130	76	57	792	188	574	1554	83	89	172	1726
Tenured/tenure-track Hires	44	63	60	29	35	17	248	122	289	659	55	49	104	763
New doctoral hires	1	4	15	12	1	3	36	38	118	192	29	6	35	227
Doctoral hires (excludes new docs)	43	59	45	17	34	14	212	84	171	467	26	43	69	536
Previously in non-tenure-track	20	26	24	4	23	5	102	37	46	185	13	10	23	208
Previously in postdoc	12	18	19	9	5	8	71	32	62	165	8	8	16	181
Non-tenure-track Hires	195	84	83	101	41	40	544	66	285	895	28	40	68	963
New doctoral hires	130	48	34	70	22	27	331	29	106	466	16	20	36	502
Doctoral hires (excludes new docs)	65	33	34	31	19	13	195	23	134	352	10	20	30	382
Nondoctoral hires	0	3	15	0	0	0	18	14	45	77	2	0	2	79
Postdoc appointments	153	56	35	62	17	24	347	3	13	363	5	23	28	391
1-year appointments	12	7	24	7	7	4	61	28	108	197	8	9	17	214
Unfilled positions	11	11	20	17	5	4	68	43	126	237	25	29	54	291

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Table R.2: Total Recruitment & Hiring by Type of Position, Gender, and Department Group for Fall 2015

	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	Statistics & Biostatistics Groups Combined	Total All Groups Combined
Posted Doctoral Positions Total Number	249	157	163	147	81	61	858	217	653	1728	106	118	224	1952
Tenured/tenure-track Hires	55	74	76	44	39	20	308	145	338	791	72	72	144	935
Non-tenure-track Hires	194	83	87	103	42	41	550	72	315	937	34	46	80	1017
Number of Hires	239	147	143	130	76	57	792	188	574	1554	83	89	172	1726
Male hires	189	112	98	110	55	51	615	128	382	1125	59	43	102	1227
Female hires	50	35	45	20	21	6	177	60	192	429	24	46	70	499
Tenured/tenure-track Hires	44	63	60	29	35	17	248	122	289	659	55	49	104	763
Male hires	34	48	43	24	28	16	193	73	191	457	38	28	66	523
New doctoral hires	0	2	10	12	0	3	27	19	76	122	24	5	29	151
Not new doctoral hires	34	46	33	12	28	13	166	54	115	335	14	23	37	372
Previously in non-tenure-track	20	25	23	4	22	5	99	27	33	159	10	5	15	174
Previously in postdoc	4	8	8	5	0	7	32	17	40	89	2	0	2	91
Female hires	10	15	17	5	7	1	55	49	98	202	17	21	38	240
New doctoral hires	1	2	5	0	1	0	9	19	42	70	5	1	6	76
Not new doctoral hires	9	13	12	5	6	1	46	30	56	132	12	20	32	164
Previously in non-tenure-track	0	1	1	0	1	0	3	10	13	26	3	5	8	34
Previously in postdoc	8	10	11	4	5	1	39	15	22	76	6	8	14	90
Non-tenure-track Hires	195	84	83	101	41	40	544	66	285	895	28	40	68	963
Male hires	155	64	55	86	27	35	422	55	191	668	21	15	36	704
Doctoral hires	155	64	51	86	27	35	418	45	158	621	19	15	34	655
New doctoral hires	107	39	28	62	15	23	274	26	73	373	14	6	20	393
Not new doctoral hires	48	25	23	24	12	12	144	19	85	248	5	9	14	262
Nondoctoral hires	0	0	4	0	0	0	4	10	33	47	2	0	2	49
Postdoc appointments	118	46	27	54	14	21	280	3	8	291	5	9	14	305
1-year appointments	10	6	18	7	5	3	49	24	69	142	8	3	11	153
Female hires	40	20	28	15	14	5	122	11	94	227	7	25	32	259
Doctoral hires	40	17	17	15	14	5	108	7	82	197	7	25	32	229
New doctoral hires	23	9	6	8	7	4	57	3	33	93	2	14	16	109
Not new doctoral hires	17	8	11	7	7	1	51	4	49	104	5	11	16	120
Nondoctoral hires	0	3	11	0	0	0	14	4	12	30	0	0	0	30
Postdoc appointments	35	10	8	8	3	3	67	0	5	72	0	14	14	86
1-year appointments	2	1	6	0	2	1	12	4	39	55	0	6	6	61

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Table R.4: Summary of Total Female Hiring for Fall 2015

	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	Statistics & Biostatistics Groups Combined	Total All Groups Combined
Female Hires	50	35	45	20	21	6	177	60	192	429	24	46	70	499
Tenured/tenure-track	10	15	17	5	7	1	55	49	98	202	17	21	38	240
New doctoral	1	2	5	0	1	0	9	19	42	70	5	1	6	76
Doctoral (not including new docs)	9	13	12	5	6	1	46	30	56	132	12	20	32	164
Previously in non-tenure-track	0	1	1	0	1	0	3	10	13	26	3	5	8	34
Previously in postdoc	8	10	11	4	5	1	39	15	22	76	6	8	14	90
Non-tenured-track	40	20	28	15	14	5	122	11	94	227	7	25	32	259
Doctoral hires	40	17	17	15	14	5	108	7	82	197	7	25	32	229
New doctoral	23	9	6	8	7	4	57	3	33	93	2	14	16	109
Doctoral (not including new docs)	17	8	11	7	7	1	51	4	49	104	5	11	16	120
Nondoctoral hires	0	3	11	0	0	0	14	4	12	30	0	0	0	30
Postdoc appointments	35	10	8	8	3	3	67	0	5	72	0	14	14	86
1-year appointments	2	1	6	0	2	1	12	4	39	55	0	6	6	61
Total Hires	239	147	143	130	76	57	792	188	574	1554	83	89	172	1726
% Female	21%	24%	31%	15%	28%	11%	22%	32%	33%	28%	29%	52%	41%	29%
Females as a percentage of hires														
Tenured/tenure-track	23%	24%	28%	17%	20%	6%	22%	40%	34%	31%	31%	43%	37%	31%
New doctoral	100%	50%	33%	0%	100%	0%	25%	50%	36%	36%	17%	17%	17%	33%
Not new doctoral	21%	22%	27%	29%	18%	7%	22%	36%	33%	28%	46%	47%	46%	31%
Previously in non-tenure-track	0%	4%	4%	0%	4%	0%	3%	27%	28%	14%	23%	50%	35%	16%
Previously in postdoc	67%	56%	58%	44%	100%	13%	55%	47%	35%	46%	75%	100%	88%	50%
Non-tenured-track	21%	24%	34%	15%	34%	13%	22%	17%	33%	25%	25%	63%	47%	27%
New doctoral hires	18%	19%	18%	11%	32%	15%	17%	10%	31%	20%	13%	70%	44%	22%
Not new doctoral hires	26%	24%	32%	23%	37%	8%	26%	17%	37%	30%	50%	55%	53%	31%
Nondoctoral hires	-	100%	73%	-	-	-	78%	29%	27%	39%	0%	-	0%	38%
Postdoc appointments	23%	18%	23%	13%	18%	13%	19%	0%	38%	20%	0%	61%	50%	22%
1-year appointments	17%	14%	25%	0%	29%	25%	20%	14%	36%	28%	0%	67%	35%	29%

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Table R.3: Hiring by Type of Position, Gender, and Department Group for Fall 2015

	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	Statistics & Biostatistics Groups Combined	Total All Groups Combined
Tenure-track hires	44	63	60	29	35	17	248	122	289	659	55	49	104	763
Male	34	48	43	24	28	16	193	73	191	457	38	28	66	523
Female	10	15	17	5	7	1	55	49	98	202	17	21	38	240
New doctoral hires	1	4	15	12	1	3	36	38	118	192	29	6	35	227
Male	0	2	10	12	0	3	27	19	76	122	24	5	29	151
Female	1	2	5	0	1	0	9	19	42	70	5	1	6	76
Not new doctoral hires	43	59	45	17	34	14	212	84	171	467	26	43	69	536
Male	34	46	33	12	28	13	166	54	115	335	14	23	37	372
Female	9	13	12	5	6	1	46	30	56	132	12	20	32	164
Previously in non-tenure-track	20	26	24	4	23	5	102	37	46	185	13	10	23	208
Male	20	25	23	4	22	5	99	27	33	159	10	5	15	174
Female	0	1	1	0	1	0	3	10	13	26	3	5	8	34
Previously in postdoc	12	18	19	9	5	8	71	32	62	165	8	8	16	181
Male	4	8	8	5	0	7	32	17	40	89	2	0	2	91
Female	8	10	11	4	5	1	39	15	22	76	6	8	14	90
Non-tenure-track Hires	195	84	83	101	41	40	544	66	285	895	28	40	68	963
Male	155	64	55	86	27	35	422	55	191	668	21	15	36	704
Female	40	20	28	15	14	5	122	11	94	227	7	25	32	259
New doctoral hires	130	48	34	70	22	27	331	29	106	466	16	20	36	502
Male	107	39	28	62	15	23	274	26	73	373	14	6	20	393
Female	23	9	6	8	7	4	57	3	33	93	2	14	16	109
Not new doctoral hires	65	33	34	31	19	13	195	23	134	352	10	20	30	382
Male	48	25	23	24	12	12	144	19	85	248	5	9	14	262
Female	17	8	11	7	7	1	51	4	49	104	5	11	16	120
Nondoctoral hires	0	3	15	0	0	0	18	14	45	77	2	0	2	79
Male	0	0	4	0	0	0	4	10	33	47	2	0	2	49
Female	0	3	11	0	0	0	14	4	12	30	0	0	0	30
Postdoc appointments	153	56	35	62	17	24	347	3	13	363	5	23	28	391
Male	118	46	27	54	14	21	280	3	8	291	5	9	14	305
Female	35	10	8	8	3	3	67	0	5	72	0	14	14	86
1-year appointments	12	7	24	7	7	4	61	28	108	197	8	9	17	214
Male	10	6	18	7	5	3	49	24	69	142	8	3	11	153
Female	2	1	6	0	2	1	12	4	39	55	0	6	6	61