

Annual Survey of the Mathematical Sciences

www.ams.org/annual-survey

Table R.1: Recruitment and Hiring of Faculty in the Mathematical Sciences, Fall 2016 by Department Grouping

| | 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 | Masters | Bachelors | Total Math Groups Combined | Statistics Group | Biostatistics Group | Total Statistics & Biostatistics Groups | Total All Groups |
|--|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------|----------------------------|------------|------------|----------------------------|------------------|---------------------|---|------------------|
| Recruited Doctoral Positions Total Number | 188 | 181 | 146 | 154 | 80 | 60 | 809 | 246 | 719 | 1774 | 115 | 105 | 220 | 1994 |
| <i>Standar Error</i> | 18 | 10 | 10 | 11 | 11 | 4 | 27 | 19 | 32 | 46 | 9 | 14 | 23 | 49 |
| Tenured or tenure-track | 49 | 60 | 72 | 35 | 26 | 24 | 266 | 155 | 409 | 830 | 70 | 52 | 122 | 952 |
| Open to new doctoral recipients | 36 | 43 | 57 | 14 | 21 | 17 | 188 | 148 | 400 | 736 | 54 | 43 | 97 | 833 |
| Open to assoc/full level | 21 | 11 | 8 | 18 | 8 | 12 | 78 | 17 | 59 | 154 | 23 | 21 | 44 | 198 |
| Non-tenure-track | 139 | 121 | 74 | 119 | 54 | 36 | 543 | 91 | 310 | 944 | 45 | 53 | 98 | 1042 |
| Open to new doctoral recipients | 127 | 114 | 66 | 112 | 52 | 35 | 506 | 78 | 286 | 870 | 40 | 53 | 93 | 963 |
| Temporary 1-year appointments | 47 | 14 | 33 | 31 | 10 | 14 | 149 | 43 | 192 | 384 | 12 | 6 | 18 | 402 |
| Reported Hires for Above Total number | 183 | 174 | 132 | 144 | 74 | 54 | 761 | 202 | 632 | 1595 | 91 | 82 | 173 | 1768 |
| Tenured or tenure-track Hires | 40 | 55 | 63 | 26 | 21 | 17 | 222 | 128 | 339 | 689 | 53 | 31 | 84 | 773 |
| Male hires | 34 | 42 | 43 | 22 | 15 | 14 | 170 | 85 | 214 | 469 | 39 | 27 | 66 | 535 |
| New doctoral hires | 0 | 1 | 6 | 0 | 3 | 0 | 10 | 17 | 69 | 96 | 14 | 5 | 19 | 115 |
| Not new doctoral hires | 34 | 41 | 37 | 22 | 12 | 14 | 160 | 68 | 145 | 373 | 25 | 21 | 46 | 419 |
| Previously in non-tenure-track | 18 | 22 | 26 | 7 | 8 | 3 | 84 | 39 | 52 | 175 | 10 | 10 | 20 | 195 |
| Previously in postdoc | 8 | 8 | 8 | 10 | 1 | 2 | 37 | 19 | 66 | 122 | 8 | 3 | 11 | 133 |
| Female hires | 6 | 13 | 20 | 4 | 6 | 3 | 52 | 43 | 125 | 220 | 14 | 4 | 18 | 238 |
| New doctoral hires | 1 | 0 | 6 | 0 | 0 | 1 | 8 | 13 | 50 | 71 | 5 | 1 | 6 | 77 |
| Not new doctoral hires | 5 | 13 | 14 | 4 | 6 | 2 | 44 | 30 | 75 | 149 | 9 | 3 | 12 | 161 |
| Previously in non-tenure-track | 0 | 2 | 1 | 1 | 0 | 0 | 4 | 7 | 35 | 46 | 0 | 3 | 3 | 49 |
| Previously in postdoc | 4 | 10 | 9 | 2 | 3 | 1 | 29 | 15 | 18 | 62 | 3 | 4 | 7 | 69 |
| Non-tenure-track Hires | 143 | 119 | 69 | 118 | 53 | 37 | 539 | 74 | 293 | 906 | 38 | 51 | 89 | 995 |
| Male hires | 116 | 88 | 50 | 90 | 34 | 25 | 403 | 48 | 183 | 634 | 20 | 19 | 39 | 673 |
| Doctoral hires | 116 | 82 | 44 | 90 | 33 | 25 | 390 | 43 | 152 | 585 | 20 | 19 | 39 | 624 |
| New doctoral hires | 52 | 39 | 21 | 54 | 11 | 16 | 193 | 22 | 69 | 284 | 5 | 6 | 11 | 295 |
| Not new doctoral hires | 64 | 43 | 23 | 36 | 22 | 9 | 197 | 21 | 83 | 301 | 15 | 13 | 28 | 329 |
| Nondoctoral hires | 0 | 6 | 6 | 0 | 1 | 0 | 13 | 5 | 31 | 49 | 0 | 0 | 0 | 49 |
| Postdoc appointments | 72 | 58 | 12 | 71 | 14 | 18 | 245 | 17 | 6 | 268 | 1 | 10 | 11 | 279 |
| 1-year appointments | 39 | 13 | 22 | 14 | 0 | 8 | 96 | 9 | 72 | 177 | 4 | 0 | 4 | 181 |
| Female hires | 27 | 31 | 19 | 28 | 19 | 12 | 136 | 26 | 110 | 272 | 18 | 32 | 50 | 322 |
| Doctoral hires | 27 | 24 | 14 | 27 | 18 | 12 | 122 | 11 | 79 | 212 | 17 | 29 | 46 | 258 |
| New doctoral hires | 13 | 16 | 5 | 20 | 11 | 5 | 70 | 6 | 33 | 109 | 10 | 14 | 24 | 133 |
| Not new doctoral hires | 14 | 8 | 9 | 7 | 7 | 7 | 52 | 5 | 46 | 103 | 7 | 15 | 22 | 125 |
| Nondoctoral hires | 0 | 7 | 5 | 1 | 1 | 0 | 14 | 15 | 31 | 60 | 1 | 3 | 4 | 64 |
| Postdoc appointments | 16 | 10 | 4 | 17 | 8 | 6 | 61 | 3 | 0 | 64 | 4 | 15 | 19 | 83 |
| 1-year appointments | 4 | 2 | 4 | 5 | 0 | 1 | 16 | 7 | 46 | 69 | 3 | 0 | 3 | 72 |
| Unfilled positions | 9 | 7 | 14 | 10 | 6 | 7 | 53 | 44 | 92 | 189 | 24 | 23 | 47 | 236 |

Table R.1 provides a detailed breakdown across department groupings of the hiring outcomes surrounding the estimated 1,994 academic positions under recruitment during the year July 1, 2015 to June 30, 2016. A few features are notable: the proportion of recruited positions actually filled remained the same as for 2014-2015 at about 88%; the proportion of hires who are women increased from 29% in 2015 to 31% of hires. About 48% of positions under recruitment were tenured or tenure-track; of the hires 44% were tenured or tenure-track.