

**Recruitment**

|    | Positions Under Recruitment | Math Tenure-track Positions | Statistics/Biostatistics Tenure/tenure-track | Math Non-tenure-track Positions | Statistics/Biostatistics Non-tenure-track | tt %        | Total Tenure/tenure-track | Total Nontenure-track | Total All Math Sci | Total Math Depts | Total Stat/Biostat | total all math sci |
|----|-----------------------------|-----------------------------|--|---------------------------------|---|-------------|---------------------------|-----------------------|--------------------|------------------|--------------------|--------------------|
|    | 2003-04                     | 1128                        | 132  | 592                             | 41  | 66.56101426 | 1260                      | 633                   | 1893               | 1720             | 173                |                    |
|    | 2004-05                     | 1176                        | 146  | 524                             | 31  | 70.43153969 | 1322                      | 555                   | 1877               | 1700             | 177                |                    |
| 10 | 2005-06                     | 1230                        | 140  | 567                             | 40  | 69.29691452 | 1370                      | 607                   | 1977               | 1797             | 180                |                    |
| 9  | 2006-07                     | 1131                        | 130  | 655                             | 30  | 64.7995889  | 1261                      | 685                   | 1946               | 1786             | 160                |                    |
| 8  | 2007-08                     | 1213                        | 152  | 799                             | 33  | 62.13017751 | 1365                      | 832                   | 2197               | 2012             | 185                | high               |
| 7  | 2008-09                     | 930                         | 84   | 957                             | 56  | 50.024667   | 1014                      | 1013                  | 2027               | 1887             | 140                |                    |
| 6  | 2009-10                     | 597                         | 96   | 485                             | 36  | 57.08401977 | 693                       | 521                   | 1214               | 1082             | 132                | low                |
| 5  | 2010-11                     | 737                         | 100  | 829                             | 61  | 48.46554719 | 837                       | 890                   | 1727               | 1566             | 161                | 3 yr total         |
| 4  | 2011-12                     | 953                         | 115  | 899                             | 23  | 53.66834171 | 1068                      | 922                   | 1990               | 1852             | 138                |                    |
| 3  | 2012-13                     | 912                         | 149  | 846                             | 104                                       | 52.75982098 | 1061                      | 950                   | 2011               | 1758             | 253                | 5728               |
| 2  | 2013 -14                    | 885                         | 147  | 856                             | 82  | 52.40336011 | 1032                      | 938                   | 1970               | 1741             | 229                | 3 yr total         |
| 1  | 2014-15                     | 791                         | 144  | 937                             | 80  | 47.89959016 | 935                       | 1017                  | 1952               | 1728             | 224                |                    |
|    | 2015-16                     | 830                         | 122  | 944                             | 98  | 47.74322969 | 952                       | 1042                  | 1994               | 1774             | 220                | 5916               |
|    | %chg fr last yr             | 5%                          | -15%   | 1%                              | 23%                                       | 0%          | 2%                        | 2%                    | 2%                 | 3%               | -2%                |                    |
|    | %chg fr 2yrs ago            | -6%                         | -17%   | 10%                             | 20%                                       | -9%         | -8%                       | 11%                   | 1%                 | 2%               | -4%                |                    |
|    | % chg fr 5yrs ago           | 13%                         | 22%  | 14%                             | 61%                                       | -1%         | 14%                       | 17%                   | 15%                | 13%              | 37%                |                    |
|    | % chg fr 10yrs ago          | -33%                        | -13%   | 66%                             | 145%                                      | -31%        | -31%                      | 72%                   | 1%                 | -1%              | 22%                |                    |
|    | % change fr 2009-10         | 39%                         | 27%  | 95%                             | 172%                                      | -16%        | 37%                       | 100%                  | 64%                | 64%              | 67%                |                    |
|    | % change fr 2005-06         | -33%                        | -13%   | 66%                             | 145%                                      | -31%        | -31%                      | 72%                   | 1%                 | -1%              | 22%                |                    |

|    | Positions Under Recruitment | Doctoral Math Tenure/tenure-track | Masters Tenure/tenure-track | Bachelors Tenure/tenure-track | Doctoral Math Non-tenure-track | Masters Non-tenure-track | Bachelors Non-tenure-track | Total Math Depts | Math Total Tenure/tenure-track | Math Total Nontenure-track | B % TT  | M % TT  | D % TT  | overall % TT |
|----|-----------------------------|-----------------------------------|-----------------------------|-------------------------------|--------------------------------|--------------------------|----------------------------|------------------|--------------------------------|----------------------------|---------|---------|---------|--------------|
|    | 2003-04                     | 309                               | 270                         | 549                           | 330                            | 75                       | 187                        | 1720             | 1128                           | 592                        | 48.3568 | 78.2609 | 74.5924 | 87.2193      |
|    | 2004-05                     | 376                               | 320                         | 480                           | 304                            | 71                       | 150                        | 1701             | 1176                           | 525                        | 55.2941 | 81.8414 | 76.1905 | 84.6103      |
| 10 | 2005-06                     | 355                               | 305                         | 570                           | 343                            | 46                       | 178                        | 1797             | 1230                           | 567                        | 50.8596 | 86.8946 | 76.2032 | 87.0869      |
| 9  | 2006-07                     | 360                               | 245                         | 526                           | 402                            | 34                       | 219                        | 1786             | 1131                           | 655                        | 47.2441 | 87.8136 | 70.6040 | 89.4836      |
| 8  | 2007-08                     | 367                               | 252                         | 594                           | 356                            | 75                       | 367                        | 2011             | 1213                           | 798                        | 50.7607 | 77.0642 | 61.8106 | 87.5207      |
| 7  | 2008-09                     | 267                               | 142                         | 521                           | 268                            | 31                       | 235                        | 1464             | 930                            | 534                        | 49.9065 | 82.0809 | 68.9153 | 84.3015      |
| 6  | 2009-10                     | 201                               | 103                         | 293                           | 301                            | 46                       | 138                        | 1082             | 597                            | 485                        | 40.0398 | 69.1275 | 67.9814 | 55.1756      |
| 5  | 2010-11                     | 240                               | 131                         | 366                           | 432                            | 112                      | 285                        | 1566             | 737                            | 829                        | 35.7547 | 53.9178 | 56.2090 | 47.0722      |
| 4  | 2011-12                     | 357                               | 148                         | 395                           | 574                            | 61                       | 318                        | 1853             | 900                            | 953                        | 38.3459 | 70.8134 | 55.3997 | 48.5699      |
| 3  | 2012-13                     | 324                               | 167                         | 421                           | 485                            | 90                       | 270                        | 1757             | 912                            | 845                        | 40.0717 | 64.9205 | 60.9104 | 51.8952      |
| 2  | 2013-14                     | 316                               | 173                         | 396                           | 485                            | 97                       | 274                        | 1741             | 885                            | 856                        | 39.4507 | 64.0741 | 59.1045 | 50.8329      |
| 1  | 2014-15                     | 308                               | 145                         | 338                           | 550                            | 72                       | 315                        | 1728             | 791                            | 937                        | 35.8974 | 66.8203 | 51.7611 | 45.7755      |
|    | 2015-16                     | 266                               | 155                         | 409                           | 543                            | 91                       | 310                        | 1774             | 830                            | 944                        | 32.8801 | 63.0081 | 56.8846 | 46.7869      |
|    | %chg fr last yr             | -14%                              | 7%                          | 21%                           | -1%                            | 26%                      | -2%                        | 3%               | 5%                             | 1%                         |         |         |         |              |
|    | %chg fr 2yrs ago            | -16%                              | -10%                        | 3%                            | 12%                            | -6%                      | 13%                        | 2%               | -6%                            | 10%                        |         |         |         |              |
|    | % chg fr 5yrs ago           | 11%                               | 18%                         | 12%                           | 26%                            | -19%                     | 9%                         | 13%              | 13%                            | 14%                        |         |         |         |              |
|    | % chg fr 10yrs ago          | -25%                              | -49%                        | -28%                          | 58%                            | 98%                      | 74%                        | -1%              | -33%                           | 66%                        |         |         |         |              |
|    | % change fr 2009-10         | 32%                               | 50%                         | 40%                           | 80%                            | 98%                      | 125%                       | 64%              | 39%                            | 95%                        |         |         |         |              |
|    | % change fr 2005-06         | -25%                              | -49%                        | -28%                          | 58%                            | 98%                      | 74%                        | -1%              | -33%                           | 66%                        |         |         |         |              |

**Positions Filled**

|    | Hires               | Math Tenure/tenure-track | Stat/Biostat Tenure/tenure-track | Math Non-tenure-track | Stat/Biostat Non-tenure-track | tt %        | Total All Math Sci | Total Tenure/tenure-track | Total Nontenure-track | Total Math | Total Stat/Biostat |                    |
|----|---------------------|--------------------------|----------------------------------|-----------------------|-------------------------------|-------------|--------------------|---------------------------|-----------------------|------------|--------------------|--------------------|
|    | 2003-04             | 820                      | 69                               | 678                   | 50                            | 54.97835498 | 1617               | 889                       | 728                   | 1498       | 119                | total all math sci |
|    | 2004-05             | 828                      | 89                               | 610                   | 35                            | 58.70678617 | 1562               | 917                       | 645                   | 1438       | 124                |                    |
| 10 | 2005-06             | 842                      | 83                               | 689                   | 39                            | 55.95886267 | 1653               | 925                       | 728                   | 1531       | 122                |                    |
| 9  | 2006-07             | 810                      | 85                               | 677                   | 24                            | 56.07769424 | 1596               | 895                       | 701                   | 1487       | 109                |                    |
| 8  | 2007-08             | 978                      | 90                               | 838                   | 33                            | 55.07993811 | 1939               | 1068                      | 871                   | 1816       | 123                | high               |
| 7  | 2008-09             | 710                      | 56                               | 565                   | 14                            | 56.95167286 | 1345               | 766                       | 579                   | 1275       | 70                 |                    |
| 6  | 2009-10             | 479                      | 96                               | 481                   | 36                            | 52.65567766 | 1092               | 575                       | 517                   | 960        | 132                | log                |
| 5  | 2010-11             | 623                      | 77                               | 777                   | 66                            | 45.3661698  | 1543               | 700                       | 843                   | 1400       | 143                | 3 yr total         |
| 4  | 2011-12             | 746                      | 86                               | 889                   | 20                            | 47.78862723 | 1741               | 832                       | 909                   | 1635       | 106                |                    |
| 3  | 2012-13             | 752                      | 109                              | 823                   | 92                            | 48.47972973 | 1776               | 861                       | 915                   | 1575       | 201                | 4610               |
| 2  | 2013-14             | 740                      | 104                              | 811                   | 79                            | 48.67358708 | 1734               | 844                       | 890                   | 1551       | 183                | 3 yr total         |
| 1  | 2014-15             | 659                      | 104                              | 895                   | 68                            | 44.20625724 | 1726               | 763                       | 963                   | 1554       | 172                |                    |
|    | 2015-16             | 689                      | 84                               | 906                   | 89                            | 43.72171946 | 1768               | 773                       | 995                   | 1595       | 173                | 4700               |
|    | %chg fr last yr     | 5%                       | -19%                             | 1%                    | 31%                           | -1%         | 2%                 | 1%                        | 3%                    | 3%         | 1%                 |                    |
|    | %chg fr 2yrs ago    | -7%                      | -19%                             | 12%                   | 13%                           | -10%        | 2%                 | -8%                       | 12%                   | 3%         | -5%                |                    |
|    | % chg fr 5yrs ago   | 11%                      | 9%                               | 17%                   | 35%                           | -4%         | 15%                | 10%                       | 18%                   | 14%        | 21%                |                    |
|    | % chg fr 10yrs ago  | -18%                     | 1%                               | 31%                   | 128%                          | -22%        | 7%                 | -16%                      | 37%                   | 4%         | 42%                |                    |
|    | % change fr 2009-10 | 44%                      | -13%                             | 88%                   | 147%                          | -17%        | 62%                | 34%                       | 92%                   | 66%        | 31%                |                    |
|    | % change fr 2005-06 | -18%                     | 1%                               | 31%                   | 128%                          | -22%        | 7%                 | -16%                      | 37%                   | 4%         |                    |                    |

Positions under recruitment and hires in the Mathematical Sciences

|    |                     | Positions Under Recruitment | Total Hires | Doctoral Hires | Nondoctoral Hires | % of Positions Filled | New Doc Hires | New Docs as % of Doc Hires |             |
|----|---------------------|-----------------------------|-------------|----------------|-------------------|-----------------------|---------------|----------------------------|-------------|
|    | 2003-04             | 1893                        | 1765        | 1617           | 148               | 93%                   | 652           | 40%                        | Total hires |
|    | 2004-05             | 1877                        | 1721        | 1562           | 159               | 92%                   | 608           | 39%                        |             |
| 10 | 2005-06             | 1977                        | 1710        | 1653           | 57                | 86%                   | 772           | 47%                        |             |
| 9  | 2006-07             | 1946                        | 1695        | 1596           | 99                | 87%                   | 670           | 42%                        |             |
| 8  | 2007-08             | 2197                        | 2044        | 1939           | 105               | 93%                   | 805           | 42%                        | high        |
| 7  | 2008-09             | 2027                        | 1545        | 1415           | 130               | 76%                   | 710           | 50%                        |             |
| 6  | 2009-10             | 1214                        | 1092        | 1092           | Not Collected     | 90%                   | 509           | 47%                        | low         |
| 5  | 2010-11             | 1727                        | 1658        | 1543           | 115               | 96%                   | 585           | 38%                        |             |
| 4  | 2011-12             | 1990                        | 1832        | 1741           | 91                | 92%                   | 743           | 43%                        |             |
| 3  | 2012-13             | 2011                        | 1893        | 1776           | 117               | 94%                   | 712           | 40%                        |             |
| 2  | 2013-14             | 1970                        | 1386        | 1734           | 102               | 70%                   | 632           | 36%                        |             |
| 1  | 2014-15             | 1952                        | 1726        | 1640           | 79                | 88%                   | 729           | 44%                        |             |
|    | 2015-16             | 1994                        | 1768        | 1655           | 113               | 89%                   | 621           | 38%                        |             |
|    | %chg fr last yr     | 2%                          | 2%          | 1%             | 43%               | 0%                    | -15%          | -16%                       |             |
|    | %chg fr 2yrs ago    | 1%                          | 28%         | -5%            | 11%               | 26%                   | -2%           | 3%                         |             |
|    | % chg fr 5yrs ago   | 15%                         | 7%          | 7%             | -2%               | -8%                   | 6%            | -1%                        |             |
|    | % chg fr 10yrs ago  | 1%                          | 3%          | 0%             | 98%               | 3%                    | -20%          | -20%                       |             |
|    | % change fr 2009-10 | 64%                         | 62%         | 52%            | #VALUE!           | -1%                   | 22%           | -19%                       |             |
|    | % change fr 2005-06 | 1%                          | 3%          | 0%             | 98%               | 3%                    | -20%          | -20%                       |             |

|    | % success                       | Math Tenure/tenure-track | Stat/Biostat Tenure/tenure-track | Math Non-tenure-track | Stat/Biostat Non-tenure-track | Total      | Total Tenure/tenure-track | Total Nontenure-track | Total hires |
|----|---------------------------------|--------------------------|----------------------------------|-----------------------|-------------------------------|------------|---------------------------|-----------------------|-------------|
|    | 2003-04                         | 73                       | 52                               | 115                   | 122                           | 361        | 71                        | 115                   | 115         |
|    | 2004-05                         | 70                       | 61                               | 116                   | 113                           | 361        | 69                        | 116                   | 116         |
|    | 2005-06                         | 68                       | 59                               | 122                   | 98                            | 347        | 68                        | 120                   | 120         |
| 10 | 2006-07                         | 72                       | 65                               | 103                   | 80                            | 320        | 71                        | 102                   | 102         |
|    | 2007-08                         | 81                       | 59                               | 105                   | 100                           | 345        | 78                        | 105                   | 105         |
|    | 2008-09                         | 76                       | 67                               | 59                    | 25                            | 227        | 76                        | 57                    | 57          |
|    | 2009-10                         | 80                       | 100                              | 99                    | 100                           | 379        | 83                        | 99                    | 99          |
|    | 2010-11                         | 85                       | 77                               | 94                    | 108                           | 363        | 84                        | 95                    | 95          |
|    | 2011-12                         | 78                       | 75                               | 99                    | 87                            | 339        | 78                        | 99                    | 99          |
|    | 2012-13                         | 82                       | 73                               | 97                    | 88                            | 341        | 81                        | 96                    | 96          |
|    | 2013 -14                        | 84                       | 71                               | 95                    | 96                            | 345        | 82                        | 95                    | 95          |
|    | 2014-15                         | 83                       | 72                               | 96                    | 85                            | 336        | 82                        | 95                    | 95          |
|    | 2015-16                         | 83                       | 69                               | 96                    | 91                            | 339        | 81                        | 95                    | 95          |
|    | <b>10 yr Avg success rate</b>   | <b>80</b>                | <b>73</b>                        | <b>94</b>             | <b>86</b>                     | <b>334</b> | <b>79</b>                 | <b>94</b>             |             |
|    | <b>Avg success rate 2009-16</b> | <b>82</b>                | <b>77</b>                        | <b>96</b>             | <b>94</b>                     | <b>349</b> | <b>81</b>                 | <b>96</b>             |             |

| Hires | Doctoral Math       | Doctoral Stat/Bio | Doctoral | Masters | Bachelors | Total Hires |      |      |
|-------|---------------------|-------------------|----------|---------|-----------|-------------|------|------|
|       | 2003-04             | 551               | 119      | 670     | 279       | 668         | 1617 | 1617 |
|       | 2004-05             | 590               | 124      | 714     | 332       | 516         | 1562 | 1562 |
|       | 2005-06             | 598               | 122      | 720     | 282       | 651         | 1653 | 1653 |
|       | 2006-07             | 669               | 109      | 778     | 220       | 597         | 1595 | 1596 |
|       | 2007-08             | 646               | 123      | 769     | 275       | 895         | 1939 | 1939 |
|       | 2008-09             | 458               | 70       | 528     | 151       | 665         | 1344 | 1345 |
|       | 2009-10             | 458               | 114      | 572     | 135       | 367         | 1074 | 1092 |
|       | 2010-11             | 606               | 143      | 749     | 178       | 506         | 1433 | 1543 |
|       | 2011-12             | 831               | 106      | 937     | 185       | 619         | 1741 | 1741 |
|       | 2012-13             | 735               | 201      | 936     | 220       | 620         | 1776 | 1776 |
|       | 2013-14             | 748               | 184      | 932     | 243       | 560         | 1735 | 1734 |
|       | 2014-15             | 792               | 172      | 964     | 188       | 574         | 1726 | 1726 |
|       | 2015-16             | 761               | 173      | 934     | 202       | 632         | 1768 | 1768 |
|       | %chg fr last yr     | -4%               |          | -3%     | 7%        | 10%         | 2%   |      |
|       | %chg fr 2yrs ago    | 2%                |          | 0%      | -17%      | 13%         | 2%   |      |
|       | % chg fr 5yrs ago   | 26%               |          | 25%     | 13%       | 25%         | 23%  |      |
|       | % chg fr 10yrs ago  | 27%               |          | 30%     | -28%      | -3%         | 7%   |      |
|       | % change fr 2009-10 | 66%               |          | 63%     | 50%       | 72%         | 65%  |      |
|       | % change fr 2005-06 | 27%               |          | 30%     | -28%      | -3%         | 7%   |      |

Figure R.1: Positions Under Recruitment in Mathematical Sciences Departments

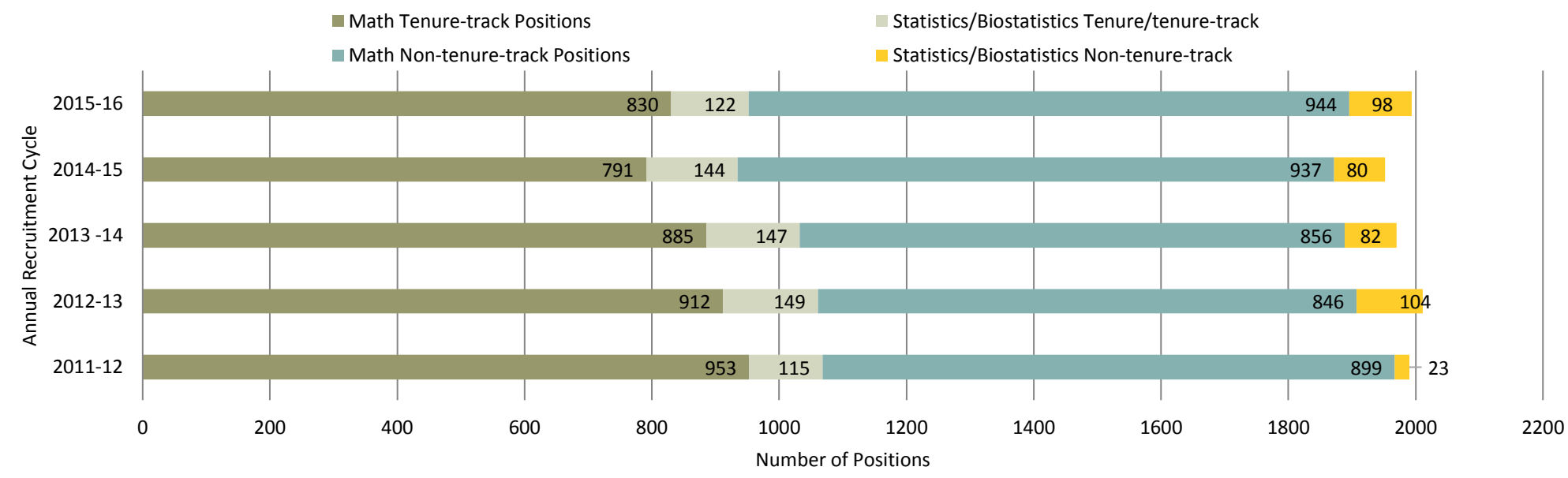


Figure R.2: Positions under Recruitment in Mathematics Departments by Highest Degree

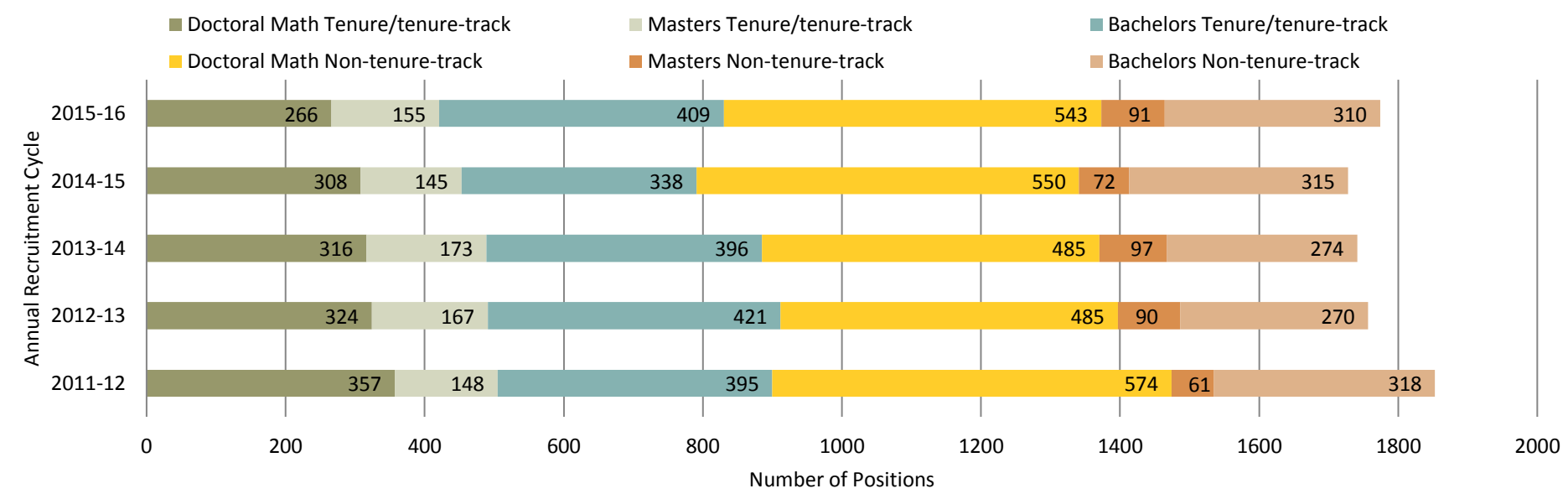
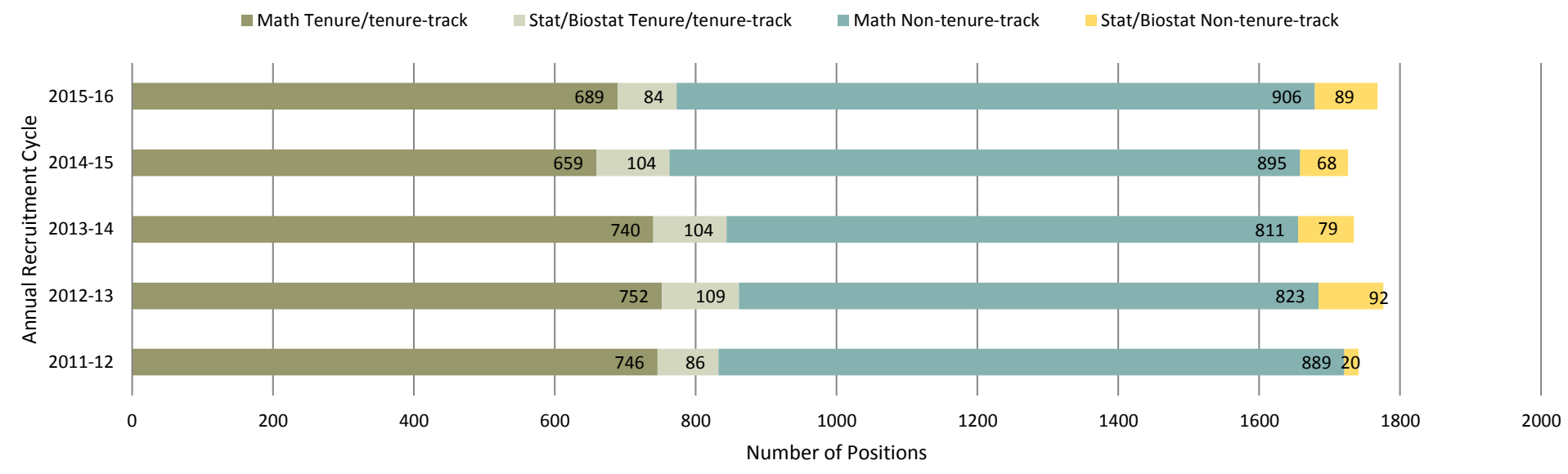


Figure F.1: Positions Filled in Mathematical Sciences Departments





Positions Under Recruitment and Filled in Mathematical Sciences Departments

