



APPENDIX TABLE 5-22 

S&E doctorate holders and full-time faculty with federal support, by degree field and Carnegie classification of employer: 2015

(Percent)

| Position and field | All academic institutions | Research universities (very high research activity) | Research universities (high research activity) | Doctoral/ research universities | Master's-granting universities | Baccalaureate colleges | Medical schools | Other universities and colleges |
|---|---------------------------|---|--|---------------------------------|--------------------------------|------------------------|-----------------|---------------------------------|
| All S&E doctorate holders employed in academic institutions | 41.0 | 60.2 | 41.4 | 22.5 | 16.0 | 16.6 | 61.9 | 32.8 |
| Physical sciences | 51.9 | 73.5 | 66.0 | 41.7 | 26.9 | 22.0 | 66.7 | 38.0 |
| Mathematics and statistics | 26.8 | 50.8 | 26.9 | 14.3 | 9.3 | 16.0 | 100.0 | 15.6 |
| Computer and information sciences | 45.1 | 70.6 | 33.3 | 20.0 | 20.0 | 25.0 | s | 35.0 |
| Life sciences | 51.1 | 67.2 | 51.0 | 28.6 | 21.3 | 22.6 | 63.1 | 41.3 |
| Psychology | 27.1 | 50.0 | 33.3 | 12.0 | 9.2 | 15.6 | 38.5 | 18.2 |
| Social sciences | 17.3 | 28.3 | 19.7 | 10.3 | 7.8 | 6.7 | 50.0 | 14.4 |
| Engineering | 54.7 | 69.1 | 47.3 | 40.0 | 26.8 | 21.4 | 71.4 | 49.4 |
| Full-time faculty ^a | 40.3 | 61.5 | 42.1 | 24.0 | 16.3 | 16.8 | 60.7 | 35.4 |
| Physical sciences | 51.7 | 78.8 | 67.5 | 44.4 | 26.8 | 22.2 | 75.0 | 40.5 |
| Mathematics and statistics | 28.1 | 54.3 | 27.3 | 14.3 | 7.7 | 17.4 | 100.0 | 21.2 |



| Position and field | All academic institutions | Research universities (very high research activity) | Research universities (high research activity) | Doctoral/ research universities | Master's-granting universities | Baccalaureate colleges | Medical schools | Other universities and colleges |
|-----------------------------------|---------------------------|---|--|---------------------------------|--------------------------------|------------------------|-----------------|---------------------------------|
| Computer and information sciences | 46.6 | 76.0 | 36.4 | 25.0 | 21.4 | 33.3 | s | 40.0 |
| Life sciences | 50.5 | 69.5 | 52.6 | 31.8 | 21.4 | 22.7 | 61.5 | 44.0 |
| Psychology | 27.8 | 52.8 | 33.3 | 16.7 | 9.7 | 11.5 | 44.4 | 20.4 |
| Social sciences | 17.2 | 28.4 | 19.4 | 12.5 | 6.9 | 7.7 | 66.7 | 14.4 |
| Engineering | 56.5 | 73.3 | 50.0 | 41.7 | 28.6 | 25.0 | 80.0 | 54.5 |

s = suppressed for reasons of confidentiality and/or reliability.

^a Full-time faculty includes professors, associate professors, and assistant professors, excluding adjuncts.

Note(s)

Academic employment is limited to U.S. doctorate holders employed at 2- or 4-year colleges or universities, medical schools, or university research institutes, excluding those employed part time because they are students or retired. Physical sciences include earth, atmospheric, and ocean sciences; life sciences include biological, agricultural, environmental, and health sciences. Institutions are designated by the 2005 Carnegie classification code. For information on these institutional categories, see the Carnegie Classification of Institutions of Higher Education, <http://carnegieclassifications.iu.edu/>, accessed 17 February 2017.

Source(s)

National Science Foundation, National Center for Science and Engineering Statistics, special tabulations (2017) of the 2015 Survey of Doctorate Recipients (SDR).

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