



APPENDIX TABLE 2-10 

Full-time S&E graduate students primarily supported by federal government, by field: 2000–15

(Percent)

Field	2000	2001	2002	2003	2004	2005	2006	2007 <sup>a</sup>	2008	2009	2010	2011	2012	2013	2014 <sup>b</sup>	2015
S&E	19.8	19.4	19.9	20.6	20.8	20.6	20.0	19.1	17.9	18.4	19.2	19.1	18.0	16.7	15.1	14.6
Engineering	23.1	22.0	22.1	23.8	24.5	25.1	24.3	23.4	22.2	23.0	24.2	23.8	22.5	20.8	18.5	17.6
Aerospace	34.2	34.4	33.3	36.9	37.5	37.5	34.3	32.6	33.5	33.9	32.6	34.3	33.6	31.4	31.2	28.4
Chemical	28.5	29.0	31.3	32.0	33.6	34.2	33.9	31.6	30.2	29.8	32.5	31.4	29.0	28.5	25.9	24.1
Civil	16.5	16.1	16.2	15.9	15.9	15.2	14.3	16.5	14.5	14.7	15.7	16.1	15.5	14.7	13.7	13.4
Electrical	22.0	19.7	20.2	21.4	22.4	23.4	21.9	20.2	20.2	21.4	21.9	21.6	20.6	18.1	15.3	14.9
Industrial	13.3	12.3	11.5	13.9	14.7	15.5	14.0	11.1	10.7	12.0	14.0	13.3	13.2	11.9	10.1	8.5
Materials	37.0	37.1	36.5	38.1	36.5	35.2	35.2	35.1	35.1	39.0	38.0	35.4	33.2	31.6	30.5	29.7
Mechanical	24.6	24.3	23.8	25.6	24.9	25.4	25.6	24.2	23.0	23.2	24.8	24.3	22.1	20.3	18.4	16.6
Other	27.2	25.7	24.9	28.8	30.3	32.1	31.4	30.8	27.6	27.9	29.2	28.7	26.8	25.9	23.1	22.5
Science	18.9	18.7	19.3	19.6	19.8	19.4	18.9	18.0	16.7	17.0	17.7	17.6	16.6	15.4	13.9	13.5
Natural sciences	24.4	24.0	24.7	25.3	25.7	25.2	24.5	23.5	21.9	22.5	23.5	23.4	21.8	20.1	17.7	16.9
Agricultural sciences	20.7	21.0	22.3	25.0	25.1	24.1	24.1	23.4	20.0	20.1	21.8	21.9	20.1	19.4	18.2	18.2
Biological sciences <sup>c</sup>	35.6	34.8	36.1	37.1	38.9	38.4	37.7	35.3	33.7	34.2	34.7	33.7	31.4	29.4	26.9	26.0
Earth, atmospheric, and ocean sciences	28.3	27.8	27.4	28.8	28.6	29.1	29.0	29.2	27.9	26.8	26.9	27.3	26.3	25.7	23.9	24.2
Atmospheric sciences	62.0	55.2	53.3	59.1	54.6	52.8	52.8	53.2	47.3	46.5	43.3	44.6	44.0	45.7	46.4	50.8



Field	2000	2001	2002	2003	2004	2005	2006	2007 <sup>a</sup>	2008	2009	2010	2011	2012	2013	2014 <sup>b</sup>	2015
Earth sciences	24.5	25.0	25.7	25.8	27.1	27.0	27.5	25.8	23.1	22.8	24.1	23.9	21.8	21.5	19.7	20.0
Oceanography	39.1	41.1	34.7	36.1	36.7	35.6	37.5	42.7	41.7	39.1	32.3	35.4	39.0	33.8	28.9	28.4
Other geosciences	14.6	13.1	15.8	17.1	15.9	19.0	17.2	14.3	17.2	16.1	21.8	20.8	18.3	19.0	19.1	18.5
Mathematics and computer sciences	13.2	13.2	14.2	15.5	15.5	16.3	15.3	14.8	13.9	14.6	15.2	15.0	14.3	12.4	9.8	8.9
Computer sciences	13.8	14.1	15.2	17.3	17.6	19.0	17.5	16.9	15.8	16.3	17.7	17.4	16.7	14.0	10.7	9.7
Mathematics and statistics	11.7	11.1	11.8	11.5	11.5	11.5	11.3	10.7	10.1	11.2	10.7	10.6	9.9	9.1	7.3	6.6
Medical and other health sciences	16.8	17.1	17.2	16.2	15.6	14.2	13.9	12.2	10.5	10.1	11.3	10.6	8.9	8.2	7.1	6.7
Medical sciences	22.3	24.4	24.2	23.0	23.6	21.9	21.3	19.2	15.3	14.9	15.8	14.5	12.5	10.8	9.5	8.6
Other health sciences <sup>d</sup>	14.1	13.3	13.4	12.3	11.2	10.1	10.0	8.6	7.9	6.9	7.6	6.5	5.1	5.3	4.5	4.6
Physical sciences	34.8	34.2	34.8	34.9	35.3	34.6	34.2	34.1	32.2	32.5	32.2	31.7	29.9	28.0	26.8	26.8
Astronomy	46.4	42.2	40.5	43.3	43.6	45.1	45.4	45.4	41.4	43.3	45.7	46.6	43.9	40.9	39.6	36.1
Chemistry	32.8	32.2	33.2	33.6	33.3	32.1	31.3	31.1	29.3	29.8	28.7	28.2	26.7	25.3	23.6	24.0
Physics	37.4	37.2	37.4	36.7	38.3	38.1	38.2	37.7	36.2	35.9	36.6	36.0	33.7	31.2	30.6	30.4
Other physical sciences	16.1	12.8	10.9	8.8	5.6	7.0	10.6	14.9	11.5	16.6	21.6	23.5	20.0	20.8	19.5	19.8
Social and behavioral sciences	7.6	7.4	7.7	7.5	7.2	7.0	6.9	6.3	6.1	6.2	6.2	6.1	5.8	5.3	4.9	5.1
Psychology <sup>d</sup>	9.4	9.3	10.3	10.0	9.6	9.5	9.1	8.5	8.0	8.5	8.6	8.0	7.7	6.9	6.6	7.2
Social sciences	6.4	6.2	6.2	6.0	5.8	5.5	5.5	5.0	4.9	4.9	5.0	5.1	4.8	4.5	4.0	4.0
Anthropology	6.7	6.6	6.9	7.1	7.7	6.3	6.6	6.4	6.1	6.6	6.6	6.2	5.7	5.1	4.6	4.8
Economics	8.5	8.0	7.5	7.3	7.4	6.9	6.7	6.6	6.3	5.8	5.9	5.9	5.4	4.9	4.2	3.8



Field	2000	2001	2002	2003	2004	2005	2006	2007 <sup>a</sup>	2008	2009	2010	2011	2012	2013	2014 <sup>b</sup>	2015
History of science	5.6	5.8	4.5	4.4	1.7	3.8	3.5	3.5	3.1	2.5	3.6	2.4	1.7	2.8	2.4	1.5
Linguistics	5.9	6.0	5.2	6.2	6.3	5.6	6.3	7.6	6.4	7.1	6.9	6.2	5.1	3.9	3.7	4.4
Political science and public administration	3.9	4.1	3.8	3.6	3.7	3.5	3.5	2.5	2.7	2.8	2.9	3.7	3.5	3.4	2.9	3.1
Sociology	7.6	6.5	7.1	7.1	6.8	6.4	7.0	6.9	6.3	7.0	7.2	6.4	5.6	5.3	5.4	5.3
Other social sciences	7.4	7.2	7.8	7.3	6.6	6.9	6.5	6.0	5.7	5.7	5.8	6.1	6.0	5.8	5.2	4.8
Multidisciplinary and interdisciplinary studies	ne	ne	ne	ne	ne	ne	ne	15.6	11.8	9.8	12.5	16.2	18.9	18.8	14.7	13.1

ne = not eligible; data were not collected for this field before 2007.

<sup>a</sup> In 2007, eligible fields were reclassified, newly eligible fields were added, and the survey was redesigned to improve coverage and coding of eligible units. Because of methodological changes, counts should be used with caution for trend analysis. For more details, see appendix A in <https://www.nsf.gov/statistics/nsf10307/>.

<sup>b</sup> In 2014, the survey frame was updated following a comprehensive frame evaluation study. The study identified potentially eligible but not previously surveyed U.S. academic institutions with master's- or doctorate-granting programs in science, engineering, or health. For more details on the impact of the frame update, see <https://www.nsf.gov/statistics/2016/nsf16314/>.

<sup>c</sup> Starting in 2007, includes neuroscience, which may have been reported under other fields in prior years.

<sup>d</sup> Beginning with 2008, more rigorous follow-up was done in recent years with institutions regarding the exclusion of practitioner-oriented graduate degree programs in psychology and in other health sciences (a subfield of health). This change may affect interpretation of trends in these fields.

**Note(s)**

S&E includes health fields (medical sciences and other health sciences) and excludes newly eligible fields (architecture, communication, and family and consumer sciences and human sciences) added starting in 2007. Therefore, the S&E numbers in this table differ from the data used in National Science Foundation, National Center for Science and Engineering Statistics, Survey of Graduate Students and Postdoctorates in Science and Engineering (annual series), and elsewhere. The survey changes in 2007 and 2014 may affect interpretation of trends.

**Source(s)**

National Science Foundation, National Center for Science and Engineering Statistics, special tabulations (2016), 2015 Survey of Graduate Students and Postdoctorates in Science and Engineering.

*Science and Engineering Indicators 2018*