

Table 2**Research funding characteristics of U.S. doctorate students who graduated from 21 UMETRICS institutions in AYs 2014–17, by funding source and federal funding agency**

(Percent)

Characteristics	Federal funding only	Nonfederal funding only	Both type of funding	Ever-funded by NIH	Ever-funded by NSF	Ever-funded by DOD	Ever-funded by DOE	Ever-funded by ED	Ever-funded by HHS	Ever-funded by NASA	Ever-funded by Other
All doctorate recipients	40.9	16.4	42.7	33.5	37.8	11.1	10.7	5.9	4.0	2.5	82.9
Field of study											
S&E fields	42.2	12.9	44.9	36.8	40.8	12.2	12.0	2.7	3.8	2.8	86.3
Life sciences	44.5	8.7	46.8	71.7	18.0	4.2	2.4	1.5	6.4	0.7	91.0
Mathematics and computer sciences	54.4	7.2	38.4	13.0	78.1	16.3	6.8	1.4	1.7	D	91.7
Physical sciences and earth sciences	47.1	10.6	42.3	25.0	56.0	14.9	25.4	1.5	0.9	7.0	89.2
Psychology and social sciences	36.1	28.5	35.5	27.6	29.9	3.8	D	12.1	6.5	1.1	71.3
Engineering	35.2	13.6	51.2	19.3	47.8	21.7	D	0.8	2.3	D	84.6
Non-S&E fields	30.6	43.7	25.7	8.1	14.4	2.7	D	30.7	5.3	D	56.0
Education	39.6	25.1	35.3	8.9	23.7	D	D	48.1	6.4	D	74.7
Humanities and arts	23.5	60.0	16.5	2.2	4.7	4.3	D	26.2	D	D	39.8
Other non-S&E	30.5	40.3	29.2	20.2	19.8	D	D	9.5	D	D	58.9
Sex											
Female	42.0	18.5	39.5	41.4	29.6	6.4	5.5	8.9	5.9	1.8	81.1
Male	40.2	15.0	44.9	28.3	43.4	14.4	14.2	3.9	2.7	3.0	84.2
Race and ethnicity											
Hispanic or Latino ^a	38.7	18.9	42.4	35.9	31.8	7.9	8.6	8.0	4.5	1.9	80.9
Asian ^b	41.8	12.8	45.4	33.5	44.5	13.7	13.0	2.2	3.2	2.8	86.2
Black or African American ^b	50.2	16.6	33.2	39.4	30.5	4.6	4.6	12.7	6.6	D	82.6
White ^b	39.8	17.7	42.5	33.6	35.1	10.0	9.7	7.6	4.3	2.5	81.7
Other race ^c	42.4	20.0	37.6	31.1	35.0	11.6	10.8	6.1	3.7	D	79.6
Primary source of financial support											
Teaching assistantships	41.1	28.2	30.7	18.5	40.3	7.1	4.4	10.2	3.0	0.8	71.4
Research assistantships or traineeships	39.2	9.5	51.4	33.4	43.4	15.1	16.4	3.5	4.0	3.4	89.4
Fellowships or grants	44.3	17.0	38.7	45.2	31.5	7.0	6.6	5.5	4.3	2.5	82.6
Own resources	35.2	34.5	30.3	25.7	17.2	3.9	D	15.7	7.7	D	64.8
Other support	41.6	19.2	39.2	31.5	33.1	13.4	D	6.5	3.1	D	80.4
Graduate education-related debt											
No debt	41.7	13.9	44.4	35.0	41.3	11.8	11.9	3.6	3.3	2.8	85.3
\$60,000 or less	37.3	22.5	40.2	29.8	30.1	9.0	7.8	11.3	6.0	2.1	76.9
\$60,001 or more	37.3	27.7	35.0	29.7	19.0	6.5	4.1	16.8	9.2	D	71.5
Unknown debt	44.5	17.5	38.0	32.0	35.5	12.7	10.8	7.0	2.4	D	81.8

D = suppressed to avoid disclosure of confidential information.

AY = academic year; DOD = Department of Defense; DOE = Department of Energy; ED = Department of Education; HHS = Department of Health and Human Services; NASA = National Aeronautics and Space Administration; NIH = National Institutes of Health; NSF = National Science Foundation; S&E = science and engineering; SED = Survey of Earned Doctorates; UMETRICS = Universities: Measuring the Impacts of Research on Innovation, Competitiveness, and Science.

^a Hispanic or Latino may be of any race.

^b Asian, Black or African American, and White are single race.

^c Other race includes American Indian or Alaska Native, Native Hawaiian or Other Pacific Islander, and persons reporting more than one race who are not of Hispanic or Latino ethnicity, and it includes those without a reported race.

Note(s):

Proportions are calculated using the subset of SED-UMETRICS linked data with full coverage. It is the subset of linked SED-UMETRICS data for individuals who had at least 3 years of institution data prior to their date of graduation.

Source(s):

SED-UMETRICS linked data, AYs 2014–17.