

TABLE 7-25. Primary source of support for U.S. citizen and permanent resident S&E doctorate recipients, by sex and field: 2010–14
(Percent distribution)

Primary source of support and sex	Science										
	All S&E	All science	Agricultural sciences	Biological sciences	Computer sciences	Earth, atmospheric, and ocean sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Engineering
All recipients (number) ^a	106,317	88,373	3,257	29,027	4,057	2,863	4,300	12,738	15,097	17,034	17,944
All sources	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Personal or family funds	12.8	14.1	13.3	5.1	14.0	6.3	5.9	3.3	33.7	23.7	6.6
Loans	5.7	6.6	4.1	1.4	4.1	1.5	1.5	0.8	21.2	10.2	1.3
Savings	1.2	1.2	2.1	0.6	2.4	0.9	0.9	0.3	1.6	2.2	1.3
Other earnings in graduate school	2.9	3.0	4.6	1.2	5.5	2.7	1.7	0.8	3.9	6.4	2.7
Other family earnings or savings	3.0	3.3	2.6	2.0	1.9	1.1	1.8	1.3	7.0	4.9	1.3
Teaching assistantship	16.3	18.5	10.5	9.8	8.7	15.6	54.1	19.4	18.6	27.7	5.6
Research assistantship, traineeship, or internship	29.7	26.9	37.9	27.3	42.3	38.8	12.9	48.4	19.8	12.4	43.7
Research assistantship	27.2	24.1	36.5	22.6	41.4	38.5	12.0	47.5	15.0	11.2	42.4
Traineeship, internship or clinical residency, other assistantship	2.6	2.8	1.4	4.6	0.9	0.3	0.9	0.9	4.8	1.2	1.3
Fellowship, scholarship, or grant	32.8	33.0	26.9	52.0	22.5	32.9	20.6	23.0	17.6	28.5	31.9
Fellowship or scholarship	24.3	24.1	19.9	32.1	18.3	25.0	18.4	16.6	15.0	27.5	25.0
Grant	8.5	8.9	7.0	19.8	4.2	7.9	2.1	6.4	2.6	0.9	6.8
Employer reimbursement or assistance	3.0	2.3	6.3	1.8	7.0	2.5	2.2	1.3	1.1	3.0	6.8
Other, foreign, or unknown source of support	5.3	5.3	5.2	4.1	5.4	3.8	4.3	4.6	9.2	4.7	5.5
Female (number)	48,887	44,333	1,595	15,737	851	1,261	1,200	3,941	10,819	8,929	4,554
All sources	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Personal or family funds	15.7	16.8	12.3	5.3	18.9	5.2	6.3	3.0	35.2	24.6	4.8
Loans	7.7	8.4	4.1	1.4	6.0	1.3	1.2	0.6	21.9	10.9	1.0
Savings	1.1	1.1	1.6	0.5	2.8	0.6	0.8	0.2	1.6	1.8	0.6
Other earnings in graduate school	2.8	2.9	4.1	1.1	6.1	2.1	1.3	0.6	3.7	6.1	1.7
Other family earnings or savings	4.1	4.4	2.5	2.3	4.0	1.2	3.0	1.5	8.0	5.9	1.5
Teaching assistantship	16.2	17.3	12.2	10.0	10.8	15.5	50.8	20.3	17.2	26.4	5.1
Research assistantship, traineeship, or internship	25.8	24.4	36.9	27.3	31.7	36.7	13.3	44.5	20.3	12.3	39.6
Research assistantship	22.6	21.0	35.1	22.5	31.0	D	D	43.4	15.3	11.0	37.8
Traineeship, internship or clinical residency, other assistantship	3.3	3.4	1.8	4.8	0.7	D	D	1.1	5.1	1.3	1.8
Fellowship, scholarship, or grant	35.0	34.3	29.6	51.8	26.3	37.9	23.0	27.2	17.5	29.6	42.2
Fellowship or scholarship	26.2	25.4	22.9	32.3	23.0	29.7	19.8	20.7	14.9	28.7	34.6
Grant	8.8	8.9	6.6	19.5	3.3	8.2	3.3	6.4	2.6	0.9	7.6
Employer reimbursement or assistance	2.0	1.8	4.3	1.8	6.0	1.7	2.0	0.8	0.8	2.6	3.5
Other, foreign, or unknown source of support	5.3	5.4	4.7	3.9	6.2	3.0	4.6	4.3	9.0	4.5	4.8
Male (number)	57,430	44,040	1,662	13,290	3,206	1,602	3,100	8,797	4,278	8,105	13,390
All sources	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Personal or family funds	10.4	11.4	14.3	4.9	12.7	7.2	5.7	3.4	30.1	22.8	7.3

TABLE 7-25. Primary source of support for U.S. citizen and permanent resident S&E doctorate recipients, by sex and field: 2010–14
(Percent distribution)

Primary source of support and sex	All S&E	Science									
		All science	Agricultural sciences	Biological sciences	Computer sciences	Earth, atmospheric, and ocean sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Engineering
Loans	4.0	4.8	4.1	1.3	3.6	1.7	1.6	0.9	19.4	9.4	1.4
Savings	1.4	1.3	2.5	0.6	2.3	1.2	0.9	0.4	1.8	2.8	1.5
Other earnings in graduate school	3.1	3.1	5.1	1.2	5.3	3.2	1.8	0.9	4.5	6.8	3.1
Other family earnings or savings	2.0	2.2	2.6	1.7	1.4	1.1	1.4	1.2	4.3	3.9	1.2
Teaching assistantship	16.4	19.6	8.8	9.6	8.1	15.8	55.4	19.1	22.0	29.2	5.7
Research assistantship, traineeship, or internship	33.1	29.4	38.7	27.2	45.2	40.4	12.7	50.2	18.4	12.4	45.0
Research assistantship	31.1	27.2	37.8	22.8	44.2	D	D	49.3	14.3	11.4	43.9
Traineeship, internship or clinical residency, other assistantship	2.0	2.3	1.0	4.4	1.0	D	D	0.9	4.1	1.0	1.1
Fellowship, scholarship, or grant	30.9	31.7	24.3	52.2	21.5	29.0	19.6	21.2	17.9	27.2	28.3
Fellowship or scholarship	22.6	22.8	17.0	31.9	17.0	21.3	17.9	14.8	15.2	26.2	21.8
Grant	8.3	8.8	7.3	20.3	4.5	7.7	1.7	6.4	2.7	1.0	6.6
Employer reimbursement or assistance	4.0	2.8	8.1	1.8	7.3	3.2	2.3	1.5	1.9	3.4	7.9
Other, foreign, or unknown source of support	5.3	5.2	5.7	4.3	5.2	4.4	4.3	4.7	9.7	5.0	5.7

D = suppressed to avoid disclosure of confidential information.

S&E = science and engineering.

^a Total may include doctorate recipients who did not report sex; as a result, detail may not sum to total.

NOTES: American Indian or Alaska Native doctorate recipients with unknown or refused citizenship status are counted as U.S. citizens and thus are included. Data in this table refer to research doctorates only and differ from doctoral degree data in this report that are based on the Integrated Postsecondary Education Data System Completions Survey. The greatest differences are in psychology, education, and medical or other health sciences.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Survey of Earned Doctorates.