TABLE 7-19. Primary source of support for U.S.-citizen and permanent-resident S&E doctorate recipients, by field and sex: 2004–08 (Percent distribution)

Science											
Sex and primary source of support	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	84,229	71,791	2,927	22,982	2,830	2,437	2,939	9,904	14,153	13,619	12,438
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	16.2	17.4	15.4	6.8	16.3	7.8	7.3	4.2	38.4	27.7	9.2
Loans	6.3	7.1	4.1	1.6	3.0	1.2	1.3	8.0	21.2	10.2	1.4
Savings	1.6	1.5	1.8	0.6	3.4	1.3	1.0	0.4	2.1	2.9	2.1
Other earnings in graduate school	3.9	4.0	5.3	1.5	7.2	3.4	2.2	1.0	5.4	8.5	3.7
Other family earnings or savings	4.4	4.8	4.2	3.1	2.7	1.8	2.8	2.0	9.5	6.1	2.1
Teaching assistantship	14.1	15.6	8.1	8.4	9.2	14.1	46.9	17.6	15.1	23.4	5.0
Research assistantship, traineeship, or internship	26.4	24.0	38.8	22.7	38.1	37.2	10.0	46.4	17.8	10.7	40.2
Research assistantship	24.0	21.4	37.7	19.1	37.2	36.2	9.3	45.4	13.2	9.4	39.2
Traineeship, internship or residency, other assistantship	2.4	2.6	1.2	3.7	0.8	1.0	0.7	1.1	4.6	1.3	0.9
Fellowship/scholarship or dissertation grant	34.8	35.2	25.4	56.4	22.0	34.2	28.6	25.6	18.6	30.1	32.5
Fellowship/scholarship	23.4	23.0	17.8	29.3	17.2	24.9	24.3	18.3	13.9	27.1	25.6
Grant/stipend	11.4	12.2	7.6	27.2	4.8	9.3	4.3	7.3	4.7	3.0	7.0
Employer reimbursement or assistance	3.3	2.4	6.3	1.6	8.6	3.0	3.1	1.5	1.3	3.0	8.4
Other or unknown source of support	5.3	5.4	6.0	4.1	5.9	3.8	4.2	4.6	8.8	5.1	4.7
Female (number)	37,715	34,834	1,186	11,415	638	968	871	2,868	9,946	6,942	2,881
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	19.7	20.7	14.9	7.2	19.9	6.2	6.4	3.9	39.2	28.5	6.9
Loans	8.6	9.2	4.9	1.7	D	1.2	D	8.0	21.5	10.9	1.1
Savings	1.4	1.4	1.1	0.5	D	0.6	D	0.3	2.0	2.6	1.2
Other earnings in graduate school	3.7	3.9	4.3	1.4	7.2	2.6	1.7	0.7	4.8	7.9	2.2
Other family earnings or savings	5.9	6.2	4.6	3.6	4.9	1.8	3.0	2.1	10.9	7.0	2.4
Teaching assistantship	13.8	14.6	8.7	8.2	9.7	12.8	46.2	17.3	14.0	22.5	4.2
Research assistantship, traineeship, or internship	22.9	21.8	39.2	23.1	31.7	34.0	12.3	46.0	18.1	10.8	36.2
Research assistantship	20.0	18.7	37.9	19.4	D	32.9	D	44.4	13.4	9.3	35.2
Traineeship, internship or residency, other assistantship	3.0	3.1	1.3	3.8	D	1.1	D	1.6	4.7	1.4	0.9
Fellowship/scholarship or dissertation grant	36.3	35.6	27.7	56.4	24.6	42.1	28.5	28.0	18.9	31.1	44.0
Fellowship/scholarship	24.4	23.5	20.7	29.0	21.5	32.7	23.4	20.9	14.2	28.1	36.1
Grant/stipend	11.9	12.2	6.9	27.4	3.1	9.4	5.1	7.0	4.7	3.0	7.9
Employer reimbursement or assistance	2.0	1.8	5.1	1.4	6.0	1.5	2.6	0.9	1.2	2.5	4.5
Other or unknown source of support	5.4	5.5	4.4	3.8	8.2	3.3	4.0	3.9	8.7	4.7	4.1
Male (number)	46,511	36,955	1,741	11,566	2,192	1,469	2,068	7,035	4,207	6,677	9,556
All sources	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 7-19. Primary source of support for U.S.-citizen and permanent-resident S&E doctorate recipients, by field and sex: 2004–08 (Percent distribution)

	Science										_
		Earth, atmospheric,									
			Agricultural	Biological	Computer	and ocean	Mathematics	Physical		Social	
Sex and primary source of support	All S&E	All science	sciences	sciences	sciences	sciences	and statistics	sciences	Psychology	sciences	Engineering
Personal or family funds	13.4	14.3	15.8	6.4	15.2	8.8	7.6	4.3	36.5	26.9	9.9
Loans	4.4	5.2	3.6	1.6	2.6	1.2	1.4	0.8	20.8	9.5	1.5
Savings	1.8	1.6	2.4	0.7	3.3	1.8	1.2	0.5	2.5	3.3	2.3
Other earnings in graduate school	4.1	4.1	5.9	1.5	7.2	4.0	2.4	1.1	6.9	9.0	4.1
Other family earnings or savings	3.1	3.4	4.0	2.6	2.0	1.8	2.7	2.0	6.3	5.2	1.9
Teaching assistantship	14.3	16.6	7.7	8.5	9.0	14.9	47.1	17.8	17.8	24.4	5.3
Research assistantship, traineeship, or internship	29.2	26.0	38.6	22.4	39.9	39.3	9.1	46.6	17.0	10.6	41.4
Research assistantship	27.3	23.9	37.6	18.8	39.0	38.5	8.4	45.8	12.7	9.6	40.4
Traineeship, internship or residency, other assistantship	1.9	2.1	1.0	3.6	0.9	0.9	0.7	0.8	4.3	1.1	0.9
Fellowship/scholarship or dissertation grant	33.6	34.8	23.8	56.5	21.3	28.9	28.7	24.6	17.9	29.1	29.1
Fellowship/scholarship	22.6	22.6	15.8	29.6	16.0	19.7	24.7	17.2	13.2	26.0	22.4
Grant/stipend	11.1	12.2	8.0	26.9	5.2	9.2	4.0	7.4	4.7	3.0	6.7
Employer reimbursement or assistance	4.3	2.9	7.0	1.7	9.4	3.9	3.2	1.8	1.7	3.5	9.5
Other or unknown source of support	5.3	5.4	7.1	4.4	5.2	4.1	4.2	4.8	9.0	5.5	4.9

^a Total includes doctorate recipients who did not report sex; detail does not sum to total.

NOTES: Data in this table refer to research doctorates only and differ from doctoral degree data in this report that are based on the NCES Completions Survey. Greatest differences are in psychology.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Earned Doctorates, 2004–08.