

TABLE F-16. Primary source of support for U.S.-citizen and permanent-resident S&E doctorate recipients, by sex and doctorate field: 1999–2003
(Percent)

Sex and primary source of support	All S&E	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	82,194	69,970	2,325	20,793	2,231	2,509	2,661	10,319	15,196	13,936	12,224
Personal/family funds	22.9	24.4	21.9	11.3	25.0	15.4	11.5	7.4	48.8	34.2	14.5
Loans	7.1	8.0	4.4	2.3	2.6	2.2	1.5	1.3	22.4	9.6	2.0
Savings	1.8	1.9	2.0	0.7	3.5	2.0	0.9	0.5	3.0	3.3	1.8
Other earnings in graduate school	6.7	6.8	8.3	3.0	12.1	6.5	3.9	1.8	10.0	12.1	6.4
Other family earnings or savings	7.2	7.7	7.2	5.3	6.7	4.7	5.1	3.9	13.3	9.1	4.3
Teaching assistantship	15.3	16.8	7.0	10.9	9.5	13.3	52.5	20.5	13.9	22.4	6.7
Research assistantship, traineeship, and internship	29.8	27.5	45.7	34.6	33.2	39.2	10.7	49.2	16.0	10.5	43.2
Research assistantship	26.8	24.1	45.3	27.3	32.1	38.1	9.7	48.0	12.5	9.7	42.1
Traineeship	2.7	3.1	0.3	7.0	0.6	0.8	0.9	1.1	2.7	0.7	0.8
Internship or residency	0.3	0.3	0.1	0.3	0.4	0.3	0.1	0.2	0.8	0.1	0.3
Fellowship/scholarship and dissertation grant	23.5	23.7	14.5	36.8	16.6	24.9	19.4	16.7	12.4	24.9	22.3
Fellowship/scholarship	22.1	22.3	12.4	34.4	15.7	22.0	19.1	15.7	12.1	23.7	20.8
Dissertation grant	1.4	1.4	2.1	2.4	0.9	2.9	0.3	1.0	0.3	1.2	1.5
Employer reimbursement or assistance	3.2	2.3	5.7	1.8	9.1	3.4	2.2	1.8	1.3	2.6	8.3
Foreign	0.3	0.2	0.6	0.2	0.4	0.3	0.1	0.1	0.1	0.3	0.5
Other	0.2	0.2	0.2	0.3	0.3	0.3	0.1	0.1	0.3	0.1	0.2
Not reported	4.9	5.0	4.4	4.2	6.0	3.3	3.5	4.2	7.1	4.9	4.3
Female (number)	34,615	32,276	804	9,651	483	856	796	2,734	10,289	6,663	2,339
Personal/family funds	27.7	28.9	20.6	11.7	29.0	13.4	13.2	7.6	50.0	34.6	11.9
Loans	9.6	10.2	4.7	2.1	3.1	2.1	1.4	1.1	22.6	9.7	1.9
Savings	1.8	1.9	1.7	0.6	2.5	1.6	0.6	0.4	2.9	2.9	0.9
Other earnings in graduate school	6.7	6.9	6.8	3.1	12.8	5.7	2.4	1.3	9.2	11.5	4.4
Other family earnings or savings	9.6	9.9	7.3	5.9	10.6	4.0	8.8	4.8	15.4	10.6	4.7
Teaching assistantship	14.6	15.2	7.8	10.0	9.5	12.3	50.1	20.8	13.2	21.2	6.0
Research assistantship, traineeship, and internship	25.3	24.3	44.2	34.5	24.6	38.4	10.9	46.0	16.0	10.9	38.9
Research assistantship	21.5	20.3	43.7	26.5	23.6	36.9	9.4	44.1	12.5	9.9	37.3
Traineeship	3.4	3.6	0.5	7.7	0.2	1.2	1.1	1.7	2.8	0.9	1.2
Internship or residency	0.4	0.4	0.0	0.2	0.8	0.4	0.4	0.1	0.7	0.1	0.3
Fellowship/scholarship and dissertation grant	24.9	24.3	17.4	37.6	21.9	31.2	20.7	20.5	12.3	25.8	33.5
Fellowship/scholarship	23.5	22.9	15.2	34.9	21.5	28.0	20.5	19.4	12.0	24.5	31.6
Dissertation grant	1.4	1.4	2.2	2.7	0.4	3.2	0.3	1.1	0.3	1.3	1.8
Employer reimbursement or assistance	1.9	1.7	5.2	1.7	7.2	1.8	1.6	1.0	1.0	2.1	5.1
Foreign	0.2	0.2	0.6	0.2	0.2	0.2	0.1	0.1	0.1	0.4	0.4
Other	0.2	0.2	0.1	0.3	0.2	0.1	0.1	0.0	0.3	0.1	0.1
Not reported	5.1	5.2	4.0	4.0	7.2	2.6	3.1	4.0	7.1	4.9	4.1
Male (number)	47,574	37,689	1,520	11,140	1,748	1,653	1,864	7,585	4,906	7,273	9,885
Personal/family funds	19.4	20.5	22.6	10.9	23.9	16.4	10.8	7.3	46.4	33.8	15.1
Loans	5.3	6.2	4.3	2.5	2.5	2.2	1.6	1.3	22.2	9.6	2.1

Women, Minorities, and Persons with Disabilities in Science and Engineering

TABLE F-16. Primary source of support for U.S.-citizen and permanent-resident S&E doctorate recipients, by sex and doctorate field: 1999–2003
(Percent)

Sex and primary source of support	All S&E	Science	Agricultural sciences	Biological sciences	Computer sciences	Earth, atmospheric, and ocean sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Engineering
Savings	1.9	1.9	2.1	0.8	3.8	2.1	1.1	0.5	3.2	3.7	2.0
Other earnings in graduate school	6.7	6.7	9.1	2.9	12.0	7.0	4.6	1.9	11.9	12.7	6.9
Other family earnings or savings	5.4	5.8	7.2	4.8	5.7	5.1	3.5	3.5	9.1	7.8	4.1
Teaching assistantship	15.7	18.0	6.6	11.7	9.5	13.8	53.6	20.4	15.4	23.5	6.9
Research assistantship, traineeship, and internship	33.1	30.2	46.4	34.8	35.5	39.6	10.6	50.4	15.9	10.2	44.2
Research assistantship	30.6	27.3	46.2	28.1	34.4	38.7	9.9	49.3	12.4	9.5	43.2
Traineeship	2.2	2.6	0.1	6.4	0.7	0.6	0.8	0.9	2.6	0.5	0.7
Internship or residency	0.3	0.3	0.1	0.3	0.3	0.3	0.0	0.2	0.9	0.1	0.3
Fellowship/scholarship and dissertation grant	22.4	23.2	13.0	36.1	15.2	21.6	18.8	15.4	12.7	24.1	19.6
Fellowship/scholarship	21.1	21.8	11.0	33.9	14.1	18.9	18.5	14.4	12.3	23.0	18.2
Dissertation grant	1.4	1.4	2.0	2.2	1.0	2.7	0.3	1.0	0.4	1.1	1.4
Employer reimbursement or assistance	4.1	2.8	5.9	1.8	9.6	4.2	2.5	2.1	2.0	3.0	9.0
Foreign	0.3	0.2	0.6	0.2	0.4	0.3	0.1	0.1	0.1	0.3	0.5
Other	0.2	0.2	0.2	0.2	0.3	0.4	0.1	0.1	0.3	0.2	0.3
Not reported	4.7	4.8	4.7	4.3	5.6	3.7	3.6	4.3	7.1	5.0	4.4

^a All recipients include those with unknown gender. The data for all recipients, therefore, will not equal the sum of female and male.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Earned Doctorates, 1999–2003.