

Table 37**Doctorate recipients' sources of financial support, by sex and broad field of study: 2019**

(Number and percent distribution)

Sex and financial resource	All fields (number)	All fields	Life sciences ^a	Physical sciences and earth sciences	Mathematics and computer sciences	Psychology and social sciences	Engineering	Education	Humanities and arts	Other ^b
Male doctorate recipients										
Unduplicated total ^c	26,843	100.0	19.7	14.8	10.5	11.9	26.1	4.7	8.0	4.4
Fellowship or scholarship	17,101	100.0	21.1	13.9	9.3	13.5	23.9	3.2	10.5	4.5
Dissertation grant	3,914	100.0	16.9	9.2	4.3	24.9	12.9	4.2	22.0	5.6
Assistantship										
Teaching	18,857	100.0	14.8	18.2	12.5	13.4	24.3	2.7	9.8	4.3
Research	18,969	100.0	18.5	18.6	10.9	10.1	31.2	2.5	4.3	3.8
Other	1,989	100.0	12.7	9.3	7.8	20.1	19.5	8.9	16.6	5.0
Traineeship	963	100.0	62.5	6.9	2.9	9.8	14.5	0.7	1.7	1.0
Internship or clinical residency	2,736	100.0	7.6	8.1	25.6	14.1	38.3	2.3	2.3	1.6
Loan (any source)	5,711	100.0	18.4	8.9	5.7	21.3	13.3	11.0	14.5	7.0
Personal sources										
Savings	13,174	100.0	18.7	11.5	9.1	15.3	22.7	6.5	10.2	6.0
Other earnings during graduate school	7,155	100.0	17.1	8.8	8.1	18.6	15.7	10.0	16.3	5.4
Spouse's, partner's, or family's earnings or savings	9,801	100.0	18.6	11.5	9.1	15.3	23.0	5.5	11.5	5.5
Employer reimbursement or assistance	2,870	100.0	18.2	10.5	10.5	11.3	22.6	13.3	7.2	6.4
Foreign (non-U.S.) support	2,283	100.0	16.6	10.2	11.3	12.5	33.9	3.3	7.1	5.1
Other	293	100.0	21.8	5.8	7.2	21.8	11.9	10.2	13.7	7.5
Female doctorate recipients										
Unduplicated total ^c	22,632	100.0	28.1	8.9	4.3	20.6	9.7	12.5	9.9	6.0
Fellowship or scholarship	15,382	100.0	29.1	9.0	4.0	21.1	9.5	9.0	12.5	5.8
Dissertation grant	5,011	100.0	22.2	4.7	1.9	31.2	4.4	9.0	20.3	6.4
Assistantship										
Teaching	15,013	100.0	22.5	11.6	5.6	23.5	9.8	7.5	13.4	6.1
Research	13,973	100.0	28.7	12.6	4.7	20.7	13.3	7.6	6.4	6.0
Other	2,433	100.0	15.6	5.5	1.9	32.2	4.8	19.6	14.0	6.3
Traineeship	1,167	100.0	63.1	5.1	0.8	16.5	8.1	3.2	1.8	1.5
Internship or clinical residency	2,313	100.0	11.9	6.1	9.9	46.4	14.0	6.1	3.3	2.3
Loan (any source)	6,864	100.0	22.5	3.2	1.4	29.7	3.1	20.3	12.7	7.2

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Personal sources										
Savings	12,704	100.0	26.3	6.6	3.2	24.0	7.1	14.6	11.0	7.0
Other earnings during graduate school	8,428	100.0	22.7	4.0	2.2	25.7	3.9	19.9	14.8	6.8
Spouse's, partner's, or family's earnings or savings	10,830	100.0	25.6	6.4	3.4	25.0	7.5	13.5	11.6	7.1
Employer reimbursement or assistance	2,819	100.0	27.8	4.9	3.6	14.7	5.9	29.3	6.3	7.4
Foreign (non-U.S.) support	1,417	100.0	28.4	6.9	5.9	18.8	12.5	8.3	11.5	7.7
Other	308	100.0	25.3	6.2	2.9	27.9	4.5	15.6	10.4	7.1

^a Includes agricultural sciences and natural resources; biological and biomedical sciences; and health sciences.^b Includes other non-science and engineering fields not shown separately.^c Excludes doctorate recipients who did not report sources of support.**Note(s):**

In this table a recipient counts once in each source category from which he or she received support. Because students indicate multiple sources of support, sum of individual sources of support exceeds unduplicated total. Due to rounding, percentages may not sum to 100.

Source(s):

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