

Table 4-3. Research doctorate recipients' sources of financial support, by sex and broad field of doctorate: 2024

(Percent)

Sex and financial resource	All fields (number)	All fields (percent)	Science and engineering												Non-science and engineering					
			Total	Agricultural sciences and natural resources	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric, and ocean sciences	Health sciences	Mathematics and statistics	Multidisciplinary/interdisciplinary sciences	Physical sciences	Psychology	Social sciences	Total	Business	Education	Humanities	Visual and performing arts	Other non-science and engineering
All doctorate recipients reporting source of support	51,474	100.0	80.4	2.3	17.4	4.3	18.1	2.1	4.8	3.5	2.9	9.5	6.4	9.0	19.6	2.2	6.6	5.6	1.5	3.7
Fellowship or scholarship	34,527	100.0	80.1	2.3	18.9	3.7	16.8	2.5	4.4	3.4	2.8	8.7	5.8	10.8	19.9	2.3	4.9	7.0	2.0	3.8
Dissertation grant	9,630	100.0	70.4	2.2	14.0	1.9	8.9	2.0	5.8	1.8	2.6	4.4	7.9	19.0	29.6	2.1	5.5	12.9	3.4	5.7
Assistantship																				
Teaching	34,944	100.0	81.6	1.8	13.9	4.9	17.5	2.5	3.3	4.8	3.0	12.4	6.6	10.9	18.4	2.2	3.6	7.0	1.9	3.7
Research	35,287	100.0	87.3	2.8	16.8	5.4	22.5	2.7	3.8	3.3	3.3	12.4	5.8	8.6	12.7	2.0	3.6	3.3	0.8	3.0
Other	4,207	100.0	67.1	2.0	8.7	2.6	10.6	1.7	4.4	2.4	2.6	4.0	15.2	12.9	32.9	2.0	12.6	9.3	3.0	5.9
Traineeship	2,131	100.0	95.4	0.9	49.2	0.8	11.9	1.3	8.4	1.5	1.9	4.0	10.3	5.3	4.6	0.3	1.6	1.2	0.2	1.2
Internship or clinical residency	6,510	100.0	93.1	0.9	7.0	14.2	27.3	1.6	2.5	4.9	5.8	5.1	19.4	4.4	6.9	0.7	1.8	2.0	0.7	1.7
Loan (any source)	10,517	100.0	66.0	1.9	12.4	1.8	8.2	1.3	8.3	1.2	2.0	4.4	14.1	10.4	34.0	2.5	14.6	7.9	2.5	6.5
Personal sources																				
Savings	27,901	100.0	77.0	2.3	17.0	3.6	15.2	2.1	5.6	2.8	2.7	7.4	8.2	10.2	23.0	2.6	8.0	6.2	1.7	4.4
Other earnings during graduate school	15,613	100.0	68.0	2.3	13.9	2.5	9.9	1.7	7.4	2.2	2.5	4.3	9.7	11.7	32.0	2.0	12.5	9.4	2.8	5.3
Spouse's, partner's, or family's earnings or savings	21,178	100.0	77.7	2.1	18.0	3.3	14.8	1.8	5.5	3.0	2.7	7.5	8.8	10.1	22.3	2.5	7.4	6.4	1.8	4.2
Employer reimbursement or assistance	5,550	100.0	67.7	2.4	13.5	3.9	12.7	2.0	8.9	2.5	2.9	6.0	5.0	7.9	32.3	2.9	17.9	5.5	0.7	5.3
Foreign (non-U.S.) support	2,582	100.0	78.2	4.2	11.4	5.8	23.2	1.4	5.3	2.9	3.4	5.4	2.1	12.9	21.8	3.1	5.5	6.3	2.2	4.8
Other	741	100.0	69.6	2.6	16.2	2.0	8.6	2.7	7.2	2.7	3.1	3.9	8.5	12.1	30.4	3.0	11.2	8.1	2.2	5.9
Male doctorate recipients reporting source of support	26,465	100.0	85.0	2.1	14.8	6.2	25.4	2.1	2.8	4.7	3.4	12.2	3.0	8.3	15.0	2.3	3.4	5.3	1.3	2.7
Fellowship or scholarship	17,133	100.0	83.9	2.1	16.3	5.3	23.5	2.3	2.5	4.6	3.3	11.1	2.9	10.0	16.1	2.5	2.4	6.6	1.7	2.9
Dissertation grant	4,056	100.0	72.9	2.2	13.2	3.2	13.9	2.0	3.4	2.8	2.9	6.3	4.1	18.9	27.1	2.2	3.1	14.1	2.6	5.1
Assistantship																				
Teaching	18,534	100.0	85.7	1.4	11.5	6.8	23.7	2.2	2.0	6.3	3.5	15.4	3.1	9.6	14.3	2.1	1.7	6.2	1.6	2.6
Research	19,107	100.0	91.0	2.4	13.5	7.3	30.0	2.4	2.3	4.2	3.9	15.2	2.7	7.2	9.0	2.0	1.6	2.8	0.5	2.0
Other	1,753	100.0	71.0	2.7	8.2	4.1	17.2	1.8	2.6	4.2	3.5	6.2	7.1	13.3	29.0	2.8	7.9	10.5	2.4	5.5
Traineeship	831	100.0	95.3	1.0	50.8	1.3	17.3	1.3	6.1	2.4	1.9	4.2	3.6	5.3	4.7	D	0.8	1.8	D	D
Internship or clinical residency	3,552	100.0	95.5	0.5	4.8	19.9	36.3	1.5	1.5	6.0	7.9	6.1	7.0	3.9	4.5	0.7	1.0	1.5	0.3	1.0
Loan (any source)	4,354	100.0	70.0	2.0	13.0	3.0	14.9	1.5	4.9	2.2	2.5	7.1	8.3	10.6	30.0	3.3	9.1	9.3	2.8	5.5
Personal sources																				
Savings	13,406	100.0	81.2	2.1	14.9	5.4	22.6	2.0	3.3	4.0	3.3	9.7	4.1	9.8	18.8	3.0	4.5	6.3	1.6	3.4
Other earnings during graduate school	6,668	100.0	72.1	2.4	13.2	4.2	16.5	1.7	4.0	3.4	3.2	6.4	5.5	11.6	27.9	2.6	7.6	10.5	2.9	4.3

Table 4-3. Research doctorate recipients' sources of financial support, by sex and broad field of doctorate: 2024

(Percent)

Sex and financial resource	All fields (number)	All fields (percent)	Science and engineering											Non-science and engineering						
			Total	Agricultural sciences and natural resources	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric, and ocean sciences	Health sciences	Mathematics and statistics	Multidisciplinary/interdisciplinary sciences	Physical sciences	Psychology	Social sciences	Total	Business	Education	Humanities	Visual and performing arts	Other non-science and engineering
Spouse's, partner's, or family's earnings or savings	9,313	100.0	82.1	1.9	15.5	5.1	22.6	1.9	2.9	4.4	3.4	10.5	4.0	9.8	17.9	2.7	3.6	6.8	1.7	3.1
Employer reimbursement or assistance	2,641	100.0	75.2	2.3	12.9	6.3	20.4	2.5	4.6	3.4	3.5	8.7	2.7	7.8	24.8	3.5	10.6	6.3	0.6	3.9
Foreign (non-U.S.) support	1,572	100.0	82.6	3.8	9.5	7.3	31.3	1.5	2.9	3.3	3.4	6.2	0.9	12.5	17.4	3.2	2.9	5.7	1.7	3.9
Other	320	100.0	70.9	2.8	13.1	2.5	14.1	2.8	4.1	4.4	3.8	6.9	4.4	12.2	29.1	3.4	10.0	8.8	1.3	5.6
Female doctorate recipients reporting source of support	25,009	100.0	75.5	2.6	20.1	2.3	10.4	2.2	6.9	2.2	2.3	6.6	10.0	9.8	24.5	2.1	10.0	5.9	1.7	4.8
Fellowship or scholarship	17,394	100.0	76.3	2.5	21.4	2.0	10.3	2.6	6.3	2.2	2.3	6.3	8.8	11.6	23.7	2.1	7.4	7.3	2.3	4.6
Dissertation grant	5,574	100.0	68.6	2.2	14.7	0.9	5.2	1.9	7.6	1.0	2.4	3.0	10.7	19.0	31.4	2.0	7.3	12.1	4.0	6.1
Assistantship																				
Teaching	16,410	100.0	77.0	2.2	16.6	2.7	10.5	2.8	4.8	3.2	2.5	8.9	10.5	12.4	23.0	2.2	5.7	7.8	2.3	5.0
Research	16,180	100.0	82.9	3.2	20.7	3.0	13.7	2.9	5.6	2.2	2.6	9.2	9.5	10.2	17.1	2.0	5.9	3.8	1.2	4.2
Other	2,454	100.0	64.3	1.5	9.1	1.5	5.8	1.6	5.7	1.2	2.0	2.4	21.0	12.6	35.7	1.5	16.0	8.5	3.5	6.2
Traineeship	1,300	100.0	95.5	0.9	48.2	0.5	8.4	1.2	9.8	0.8	1.8	3.8	14.5	5.3	4.5	D	2.2	0.8	D	D
Internship or clinical residency	2,958	100.0	90.3	1.3	9.5	7.3	16.5	1.7	3.7	3.5	3.3	4.0	34.4	5.1	9.7	0.6	2.7	2.7	1.1	2.6
Loan (any source)	6,163	100.0	63.2	1.8	12.0	0.9	3.4	1.1	10.8	0.6	1.7	2.4	18.1	10.3	36.8	2.0	18.4	6.9	2.3	7.3
Personal sources																				
Savings	14,495	100.0	73.1	2.4	19.0	2.0	8.3	2.1	7.8	1.7	2.1	5.3	12.0	10.5	26.9	2.2	11.3	6.2	1.9	5.2
Other earnings during graduate school	8,945	100.0	64.9	2.2	14.4	1.3	5.0	1.6	9.8	1.3	1.9	2.8	12.8	11.7	35.1	1.5	16.1	8.5	2.8	6.1
Spouse's, partner's, or family's earnings or savings	11,865	100.0	74.2	2.3	19.9	1.9	8.7	1.8	7.6	2.0	2.2	5.1	12.6	10.3	25.8	2.3	10.4	6.0	2.0	5.0
Employer reimbursement or assistance	2,909	100.0	60.9	2.5	14.0	1.8	5.7	1.5	12.8	1.6	2.3	3.6	7.0	8.1	39.1	2.3	24.5	4.8	0.8	6.6
Foreign (non-U.S.) support	1,010	100.0	71.3	4.9	14.5	3.5	10.5	1.4	9.1	2.4	3.6	4.1	4.1	13.5	28.7	2.9	9.5	7.2	3.0	6.1
Other	421	100.0	68.6	2.4	18.5	1.7	4.5	2.6	9.5	1.4	2.6	1.7	11.6	12.1	31.4	2.6	12.1	7.6	2.9	6.2

D = suppressed to avoid disclosure of confidential information.

Note(s):

In this table, a doctorate recipient counts once in each source category from which they received support. Doctorate recipients may indicate multiple sources of support; thus, percentages sum to more than 100. Beginning in 2021, a modified version of the 2020 Classification of Instructional Programs (CIP) codes was used in the survey data collection, and new broad, major, and detailed fields are used in tables reporting data from 2021 to the present; see the field list in table A-4. Therefore, the field of doctorate data prior to 2021 may not be comparable to subsequent years. For more information about the 2021 taxonomy change, see the "Technical Notes."

Source(s):

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