

Table 4-1. Research doctorate recipients' primary source of financial support, by broad field of doctorate, sex, citizenship status, ethnicity, and race: 2025

(Percent)

Field and primary source of support	Total ^a	Sex		Citizenship status		U.S. citizens and permanent residents							
		Male	Female	U.S. citizen or permanent resident	Temporary visa holder	Hispanic or Latino	Not Hispanic or Latino						Ethnicity not reported
							American Indian or Alaska Native	Asian	Black or African American	White	More than one race	Other race or race not reported	
All doctorate recipients reporting primary source of support, all fields (number)	51,936	26,645	25,291	33,662	17,937	3,507	91	3,980	2,773	21,208	1,370	485	248
Teaching assistantships	20.2	20.6	19.7	18.6	23.2	18.5	9.9	16.7	12.5	19.9	16.0	18.8	20.2
Research assistantships or traineeships ^b	36.8	42.6	30.7	30.0	49.6	24.9	18.7	37.8	16.3	31.5	29.1	27.2	19.0
Fellowships, scholarships, or dissertation grants	24.0	21.9	26.2	26.3	19.6	33.1	37.4	29.8	26.9	24.0	32.6	26.2	30.2
Own resources	15.2	11.1	19.4	20.7	4.7	20.0	28.6	13.1	38.5	19.8	19.6	24.5	26.2
Employer or other sources	3.8	3.8	3.9	4.4	2.9	3.5	5.5	2.5	5.8	4.8	2.8	3.3	4.4
Science and engineering (number)	41,902	22,672	19,230	26,012	15,604	2,701	60	3,453	1,709	16,423	1,121	369	176
Teaching assistantships	19.0	19.6	18.4	17.1	22.1	17.1	D	15.8	13.1	18.1	D	16.0	18.2
Research assistantships or traineeships ^b	43.1	48.3	36.9	36.4	54.2	29.9	20.0	41.6	21.5	38.4	33.5	32.2	25.0
Fellowships, scholarships, or dissertation grants	23.7	20.9	27.0	27.5	17.4	35.1	38.3	29.5	31.9	24.7	34.6	28.2	34.1
Own resources	11.3	8.1	15.0	15.8	3.8	15.3	25.0	11.1	29.2	15.2	16.0	20.6	18.8
Employer or other sources	3.0	3.1	2.8	3.2	2.5	2.5	D	2.1	4.2	3.6	D	3.0	4.0
Agricultural sciences and natural resources (number)	1,180	545	635	692	481	76	D	D	27	498	22	2	3
Teaching assistantships	10.4	11.0	9.9	11.1	9.6	11.8	0.0	D	D	10.0	D	0.0	33.3
Research assistantships or traineeships ^b	55.9	58.9	53.4	49.0	66.3	44.7	0.0	40.3	40.7	52.2	40.9	0.0	0.0
Fellowships, scholarships, or dissertation grants	17.9	13.6	21.6	19.5	15.2	30.3	D	17.7	D	16.9	22.7	100.0	33.3
Own resources	9.8	8.8	10.7	14.0	3.5	7.9	D	19.4	D	13.5	D	0.0	33.3
Employer or other sources	5.9	7.7	4.4	6.4	5.4	5.3	0.0	3.2	0.0	7.4	4.5	0.0	0.0
Biological and biomedical sciences (number)	9,059	3,921	5,138	6,822	2,184	744	9	940	310	4,388	308	80	43
Teaching assistantships	12.4	13.1	11.9	11.8	14.4	9.0	0.0	8.9	8.1	13.3	9.7	10.0	11.6
Research assistantships or traineeships ^b	40.4	41.7	39.4	36.5	52.7	30.8	D	D	27.1	38.5	31.8	30.0	23.3
Fellowships, scholarships, or dissertation grants	35.3	33.8	36.5	38.3	26.0	48.1	D	D	51.6	34.0	46.8	46.3	55.8
Own resources	9.6	9.0	10.1	11.2	4.4	10.8	D	D	11.3	11.8	9.4	13.8	7.0
Employer or other sources	2.3	2.4	2.1	2.2	2.5	1.3	0.0	2.0	1.9	2.4	2.3	0.0	2.3
Computer and information sciences (number)	2,525	1,887	638	974	1,514	51	0	231	64	562	32	25	9
Teaching assistantships	15.9	14.8	19.3	12.3	18.2	11.8	-	12.6	D	13.2	D	16.0	0.0
Research assistantships or traineeships ^b	57.3	60.5	47.8	46.1	64.1	D	-	46.3	D	48.8	50.0	28.0	44.4
Fellowships, scholarships, or dissertation grants	14.5	12.6	20.1	20.0	11.1	19.6	-	21.2	28.1	18.3	25.0	24.0	11.1
Own resources	8.0	8.1	7.8	14.9	3.7	D	-	15.6	28.1	12.8	D	28.0	22.2
Employer or other sources	4.4	4.1	5.0	6.7	2.9	15.7	-	4.3	6.3	6.9	3.1	4.0	22.2
Engineering (number)	9,566	6,820	2,746	4,421	5,077	369	11	805	211	2,767	171	53	34
Teaching assistantships	10.3	10.7	9.3	7.2	13.0	4.3	D	8.3	D	7.2	2.9	5.7	5.9
Research assistantships or traineeships ^b	61.7	63.2	57.8	52.3	69.9	44.4	D	59.0	D	53.0	48.0	66.0	41.2
Fellowships, scholarships, or dissertation grants	19.6	17.2	25.7	28.6	11.6	40.1	D	24.8	D	27.0	37.4	22.6	38.2

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Field and primary source of support	Total ^a	Sex		Citizenship status		U.S. citizens and permanent residents							
		Male	Female	U.S. citizen or permanent resident	Temporary visa holder	Hispanic or Latino	Not Hispanic or Latino						Ethnicity not reported
							American Indian or Alaska Native	Asian	Black or African American	White	More than one race	Other race or race not reported	
Own resources	5.3	5.4	5.0	7.7	3.2	6.8	D	5.6	D	8.0	9.4	3.8	11.8
Employer or other sources	3.1	3.5	2.2	4.2	2.3	4.3	0.0	2.2	5.7	4.8	2.3	1.9	2.9
Geosciences, atmospheric, and ocean sciences (number)	1,084	559	525	789	291	88	5	57	24	563	43	7	2
Teaching assistantships	17.3	18.1	16.6	17.0	18.6	11.4	D	D	29.2	18.1	D	28.6	0.0
Research assistantships or traineeships ^b	51.9	53.3	50.5	50.7	55.7	45.5	D	52.6	D	51.3	58.1	71.4	100.0
Fellowships, scholarships, or dissertation grants	23.5	20.9	26.3	24.8	19.9	34.1	D	26.3	D	23.1	27.9	0.0	0.0
Own resources	5.4	4.8	5.9	6.3	2.1	6.8	D	D	D	6.2	D	0.0	0.0
Employer or other sources	1.8	2.9	0.8	1.1	3.8	2.3	0.0	0.0	0.0	1.2	0.0	0.0	0.0
Health sciences (number)	2,517	737	1,780	1,960	543	197	7	243	289	1,113	66	31	14
Teaching assistantships	9.0	11.1	8.1	8.1	12.7	4.6	0.0	7.4	5.5	9.4	10.6	6.5	7.1
Research assistantships or traineeships ^b	27.8	35.3	24.7	22.2	47.7	19.3	D	D	13.8	23.1	15.2	12.9	7.1
Fellowships, scholarships, or dissertation grants	22.4	20.8	23.0	22.3	22.7	32.5	D	D	24.2	18.7	27.3	29.0	28.6
Own resources	33.0	25.2	36.2	39.6	8.8	36.5	D	28.0	49.5	39.5	D	45.2	42.9
Employer or other sources	7.9	7.6	8.0	7.8	8.1	7.1	D	4.1	6.9	9.3	D	6.5	14.3
Mathematics and statistics (number)	1,847	1,282	565	883	951	87	0	139	32	557	43	17	8
Teaching assistantships	62.2	64.0	58.1	58.4	65.6	64.4	-	55.4	59.4	59.4	48.8	47.1	50.0
Research assistantships or traineeships ^b	15.1	14.4	16.6	14.2	15.9	D	-	10.1	D	16.7	D	17.6	0.0
Fellowships, scholarships, or dissertation grants	16.9	16.4	18.1	19.5	14.5	20.7	-	25.2	25.0	15.4	41.9	23.5	37.5
Own resources	4.5	4.1	5.7	6.7	2.6	D	-	8.6	D	6.6	D	11.8	12.5
Employer or other sources	1.3	1.2	1.6	1.2	1.4	0.0	-	0.7	0.0	1.8	0.0	0.0	0.0
Multidisciplinary/ interdisciplinary sciences (number)	1,587	952	635	790	783	62	D	D	45	486	26	19	7
Teaching assistantships	18.3	15.5	22.5	19.0	17.6	22.6	0.0	D	17.8	20.0	D	31.6	42.9
Research assistantships or traineeships ^b	48.0	54.4	38.4	34.7	61.6	22.6	D	51.0	15.6	33.7	D	15.8	14.3
Fellowships, scholarships, or dissertation grants	19.5	19.0	20.3	24.3	14.6	32.3	D	D	31.1	23.7	23.1	26.3	42.9
Own resources	10.3	7.7	14.3	17.1	3.6	22.6	0.0	15.4	26.7	16.3	19.2	15.8	0.0
Employer or other sources	3.8	3.4	4.4	4.9	2.7	0.0	0.0	1.4	8.9	6.4	0.0	10.5	0.0
Physical sciences (number)	4,804	3,137	1,667	2,938	1,842	307	D	D	118	2,006	142	31	11
Teaching assistantships	24.0	23.3	25.3	22.0	27.0	21.8	D	D	29.7	21.7	19.7	12.9	18.2
Research assistantships or traineeships ^b	55.0	58.2	49.0	52.9	58.5	46.6	D	D	33.9	54.3	54.2	71.0	54.5
Fellowships, scholarships, or dissertation grants	16.7	14.6	20.7	19.5	12.3	26.4	D	D	30.5	17.7	21.8	6.5	27.3
Own resources	3.3	2.9	4.1	4.6	1.2	5.2	D	D	5.9	4.9	3.5	9.7	0.0
Employer or other sources	1.0	1.1	0.9	1.0	1.1	0.0	0.0	0.3	0.0	1.3	0.7	0.0	0.0
Psychology (number)	3,293	767	2,526	2,901	365	403	7	222	269	1,809	123	47	21
Teaching assistantships	24.3	27.0	23.4	22.8	35.3	22.6	D	27.9	D	24.0	17.1	23.4	33.3

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							American Indian or Alaska Native	Asian	Black or African American	White	More than one race	Other race or race not reported	
Research assistantships or traineeships ^b	23.2	23.6	23.1	22.6	28.5	20.6	0.0	21.6	15.6	24.8	16.3	21.3	23.8
Fellowships, scholarships, or dissertation grants	17.6	15.3	18.3	17.5	18.4	22.3	D	21.6	D	15.4	22.0	14.9	4.8
Own resources	32.6	30.9	33.2	34.9	14.8	33.3	D	27.9	D	33.9	41.5	34.0	38.1
Employer or other sources	2.3	3.3	2.0	2.1	3.0	1.2	28.6	0.9	4.1	1.9	3.3	6.4	0.0
Social sciences (number)	4,440	2,065	2,375	2,842	1,573	317	13	292	320	1,674	145	57	24
Teaching assistantships	34.3	37.0	31.9	30.7	40.8	37.2	D	D	14.7	33.3	24.1	19.3	29.2
Research assistantships or traineeships ^b	15.0	13.2	16.6	15.2	14.9	9.5	D	D	12.8	16.4	17.9	10.5	4.2
Fellowships, scholarships, or dissertation grants	32.7	33.6	32.0	30.2	37.3	33.8	61.5	38.7	28.4	27.4	37.9	35.1	29.2
Own resources	15.0	12.6	17.0	20.5	4.6	17.0	D	D	39.4	19.3	17.9	31.6	33.3
Employer or other sources	3.0	3.6	2.5	3.4	2.3	2.5	0.0	2.7	4.7	3.6	2.1	3.5	4.2
Non-science and engineering (number)	10,034	3,973	6,061	7,650	2,333	806	31	527	1,064	4,785	249	116	72
Teaching assistantships	25.1	26.5	24.2	23.4	30.7	23.1	D	23.0	11.6	26.0	D	27.6	25.0
Research assistantships or traineeships ^b	10.7	10.1	11.1	8.3	18.4	8.2	16.1	13.3	7.9	7.7	9.2	11.2	4.2
Fellowships, scholarships, or dissertation grants	25.4	28.0	23.6	22.5	34.8	26.3	35.5	32.1	18.9	21.5	23.3	19.8	20.8
Own resources	31.3	28.0	33.5	37.6	10.8	35.6	35.5	26.8	53.4	35.7	35.7	37.1	44.4
Employer or other sources	7.5	7.4	7.6	8.2	5.2	6.8	D	4.9	8.3	9.0	D	4.3	5.6
Business (number)	1,107	633	474	523	573	38	D	79	80	295	D	8	8
Teaching assistantships	15.1	15.0	15.2	9.4	20.2	D	0.0	13.9	D	9.8	D	25.0	0.0
Research assistantships or traineeships ^b	22.0	22.3	21.7	15.1	28.3	D	0.0	D	D	15.6	D	25.0	12.5
Fellowships, scholarships, or dissertation grants	31.3	31.6	31.0	25.4	37.0	18.4	D	41.8	D	26.8	D	12.5	0.0
Own resources	26.9	26.7	27.2	43.6	11.7	60.5	D	D	73.8	39.0	D	12.5	87.5
Employer or other sources	4.6	4.4	4.9	6.5	2.8	0.0	0.0	2.5	5.0	8.8	0.0	25.0	0.0
Education (number)	3,459	912	2,547	2,991	449	346	16	171	587	1,711	107	32	21
Teaching assistantships	11.2	12.8	10.6	9.8	20.5	10.1	0.0	14.0	5.5	10.4	15.9	15.6	9.5
Research assistantships or traineeships ^b	13.7	13.5	13.8	11.4	29.2	11.6	D	19.9	9.2	11.2	D	15.6	9.5
Fellowships, scholarships, or dissertation grants	13.4	13.5	13.4	12.2	21.4	16.8	31.3	17.0	15.7	9.6	9.3	9.4	14.3
Own resources	48.1	45.0	49.2	52.6	17.6	50.0	D	37.4	58.4	52.8	D	50.0	52.4
Employer or other sources	13.6	15.2	13.0	14.0	11.4	11.6	D	11.7	11.2	16.0	D	9.4	14.3
Humanities (number)	2,898	1,412	1,486	2,277	608	261	8	128	126	1,613	69	45	27
Teaching assistantships	41.4	38.5	44.2	40.1	46.1	43.3	D	32.0	D	41.5	42.0	31.1	40.7
Research assistantships or traineeships ^b	1.9	1.4	2.3	2.0	1.2	1.9	D	D	D	2.0	D	8.9	0.0
Fellowships, scholarships, or dissertation grants	35.6	36.1	35.1	33.3	44.1	32.6	D	47.7	40.5	31.6	D	26.7	37.0
Own resources	18.2	20.0	16.4	21.7	5.1	19.5	D	D	27.8	21.5	18.8	33.3	18.5
Employer or other sources	3.0	4.0	2.1	2.9	3.6	2.7	0.0	0.0	2.4	3.3	0.0	0.0	3.7

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							American Indian or Alaska Native	Asian	Black or African American	White	More than one race	Other race or race not reported	
Visual and performing arts (number)	689	300	389	521	167	54	D	43	40	353	D	8	5
Teaching assistantships	37.7	36.7	38.6	39.3	32.9	D	0.0	41.9	50.0	D	41.2	50.0	40.0
Research assistantships or traineeships ^b	2.2	2.3	2.1	1.3	4.8	D	0.0	D	D	D	0.0	0.0	0.0
Fellowships, scholarships, or dissertation grants	39.9	37.7	41.6	37.2	47.9	48.1	D	41.9	D	36.3	35.3	37.5	0.0
Own resources	18.7	21.7	16.5	20.7	12.6	16.7	0.0	D	17.5	22.7	D	12.5	60.0
Employer or other sources	1.5	1.7	1.3	1.3	1.8	0.0	0.0	2.3	0.0	1.4	5.9	0.0	0.0
Other non-science and engineering (number)	1,881	716	1,165	1,338	536	107	D	106	231	813	D	23	11
Teaching assistantships	26.8	26.3	27.1	24.7	32.5	16.8	D	25.5	13.9	D	20.9	30.4	27.3
Research assistantships or traineeships ^b	15.2	15.4	15.0	12.0	22.8	13.1	D	19.8	7.8	D	14.0	8.7	0.0
Fellowships, scholarships, or dissertation grants	22.9	23.5	22.5	20.3	29.3	33.6	D	26.4	18.2	18.5	D	17.4	18.2
Own resources	28.1	25.8	29.5	35.4	10.1	29.0	0.0	25.5	53.7	32.1	34.9	43.5	54.5
Employer or other sources	7.1	9.1	5.8	7.7	5.4	7.5	0.0	2.8	6.5	8.9	11.6	0.0	0.0

- = not calculable. D = suppressed to avoid disclosure of confidential information.

^a Total includes doctorate recipients who did not report sex or citizenship status.

^b Research assistantships or traineeships includes research assistantships, other assistantships, traineeships, internships, or clinical residencies.

Note(s):
Hispanic or Latino may be of any race; race categories exclude Hispanic origin. Due to rounding, percentages may not sum to 100. The survey data collection for the field of study changed in 2021, which may affect the data comparisons across years. This table uses the new field taxonomy based on a modified version of the 2020 Classification of Instructional Programs (CIP) codes and does not match data that uses the trend field taxonomy. For more information about the field taxonomy changes, see the "Technical Notes."

Source(s):
National Center for Science and Engineering Statistics, Survey of Earned Doctorates.