

**Table 35****Doctorate recipients' primary source of financial support, by broad field of study, sex, citizenship status, ethnicity, and race: 2020**

(Number and percent)

Field and primary source of support	Total <sup>a</sup>	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 fields (number)	48,877	26,443	22,434	31,700	16,997	2,602	83	2,986	2,184	22,378	1,097	250	120
Teaching assistantships	21.5	21.9	20.9	20.5	23.2	16.8	8.4	18.5	12.5	22.1	20.3	18.4	19.2
Research assistantships or traineeships <sup>b</sup>	33.7	38.6	27.9	26.8	46.6	20.3	18.1	33.9	14.7	27.9	27.0	24.4	19.2
Fellowships, scholarships, or dissertation grants	24.4	22.8	26.4	26.9	19.8	36.2	32.5	32.5	25.8	25.0	31.4	26.4	20.0
Own resources	15.2	11.3	19.8	21.2	4.0	22.1	31.3	12.1	40.8	20.4	18.4	23.2	36.7
Employer	2.8	2.7	2.9	4.0	0.5	3.5	7.2	2.5	5.5	4.2	2.5	6.0	5.0
Other	2.4	2.7	2.0	0.5	5.9	1.1	2.4	0.4	0.8	0.4	0.5	1.6	0.0
Life sciences (number) <sup>c</sup>	11,336	5,001	6,335	8,122	3,178	669	18	903	512	5,638	304	56	22
Teaching assistantships	13.5	14.6	12.7	13.0	14.8	8.5	0.0	9.4	6.8	14.7	13.2	8.9	18.2
Research assistantships or traineeships <sup>b</sup>	36.4	38.3	34.9	33.1	44.7	28.0	27.8	35.1	21.3	34.5	33.9	30.4	22.7
Fellowships, scholarships, or dissertation grants	32.3	31.2	33.2	34.9	25.6	46.9	38.9	42.6	33.8	32.0	41.4	32.1	27.3
Own resources	12.0	9.8	13.8	15.1	4.2	14.3	33.3	10.2	33.8	14.4	9.9	19.6	22.7
Employer	2.7	2.5	2.8	3.3	0.9	1.5	0.0	2.4	3.9	3.7	1.6	5.4	9.1
Other	3.1	3.7	2.7	0.6	9.6	0.7	0.0	0.2	0.4	0.7	0.0	3.6	0.0
Physical sciences and earth sciences (number)	5,650	3,761	1,889	3,484	2,150	226	D	292	70	2,726	130	D	10
Teaching assistantships	25.3	25.2	25.5	22.7	29.5	19.9	D	25.0	30.0	22.6	D	23.1	30.0
Research assistantships or traineeships <sup>b</sup>	50.5	53.1	45.4	48.0	54.6	32.3	D	45.9	D	50.0	45.4	61.5	30.0
Fellowships, scholarships, or dissertation grants	19.3	16.7	24.5	23.7	12.2	41.6	D	26.7	34.3	21.5	28.5	D	30.0
Own resources	2.9	3.0	2.7	4.1	0.8	3.5	0.0	D	D	4.4	3.8	3.8	10.0
Employer	0.9	1.1	0.6	1.3	0.3	D	0.0	D	D	D	D	0.0	0.0
Other	1.1	1.0	1.4	0.2	2.6	D	0.0	0.0	0.0	D	0.0	0.0	0.0

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Mathematics and computer sciences (number)	3,938	2,933	1,005	1,624	2,283	95	D	246	53	1,126	76	D	10
Teaching assistantships	37.3	36.2	40.5	37.3	37.5	35.8	0.0	32.9	34.0	38.9	38.2	17.6	20.0
Research assistantships or traineeships <sup>b</sup>	37.6	39.5	32.2	28.5	44.2	21.1	0.0	35.8	13.2	28.5	26.3	11.8	50.0
Fellowships, scholarships, or dissertation grants	14.9	14.1	17.2	18.7	12.1	26.3	0.0	17.9	26.4	17.7	19.7	35.3	10.0
Own resources	5.9	5.8	6.3	11.1	2.1	9.5	D	10.6	D	11.1	D	5.9	20.0
Employer	1.9	1.9	1.9	4.0	0.4	7.4	0.0	2.4	D	3.5	D	D	0.0
Other	2.4	2.6	1.9	0.4	3.7	0.0	D	0.4	3.8	0.4	0.0	D	0.0
Psychology and social sciences (number)	7,726	3,133	4,593	6,010	1,687	576	20	406	481	4,237	223	43	24
Teaching assistantships	28.8	32.3	26.4	26.9	35.6	22.6	D	29.3	15.2	28.9	D	25.6	8.3
Research assistantships or traineeships <sup>b</sup>	16.9	15.1	18.2	16.8	17.2	12.2	D	14.0	10.2	18.7	D	14.0	16.7
Fellowships, scholarships, or dissertation grants	27.0	29.5	25.3	24.7	35.1	30.2	30.0	35.5	22.5	23.1	27.4	20.9	20.8
Own resources	24.0	18.9	27.5	28.6	7.6	32.1	30.0	18.5	48.0	26.5	32.3	32.6	54.2
Employer	1.9	2.5	1.5	2.4	0.4	1.7	D	1.7	3.5	2.4	D	4.7	0.0
Other	1.4	1.8	1.1	0.6	4.1	1.2	0.0	1.0	0.6	0.5	0.4	2.3	0.0
Engineering (number)	9,369	7,054	2,315	3,850	5,480	267	D	617	163	2,635	124	D	13
Teaching assistantships	11.7	11.6	12.1	8.3	14.1	7.1	0.0	9.6	9.2	8.0	9.7	0.0	23.1
Research assistantships or traineeships <sup>b</sup>	58.7	60.0	54.6	48.1	66.1	34.8	D	55.1	29.4	49.1	D	51.9	23.1
Fellowships, scholarships, or dissertation grants	19.2	17.5	24.6	29.8	11.8	44.2	D	25.8	35.6	28.8	34.7	D	15.4
Own resources	4.6	4.7	4.3	8.1	2.2	7.5	0.0	5.8	14.7	8.3	5.6	7.4	15.4
Employer	2.2	2.5	1.4	5.0	0.2	4.5	0.0	3.1	8.6	5.4	D	D	23.1
Other	3.5	3.7	3.0	0.6	5.6	1.9	0.0	0.6	2.5	0.3	0.8	3.7	0.0

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Education (number)	4,123	1,253	2,870	3,533	581	339	13	184	545	2,298	98	35	21
Teaching assistantships	12.1	12.1	12.1	10.7	20.7	8.8	0.0	17.9	7.0	11.3	12.2	11.4	14.3
Research assistantships or traineeships <sup>b</sup>	17.0	15.3	17.7	15.2	27.7	18.0	D	D	13.0	14.2	17.3	14.3	9.5
Fellowships, scholarships, or dissertation grants	13.3	13.7	13.1	12.0	21.0	16.5	D	D	16.3	9.8	12.2	20.0	14.3
Own resources	45.2	44.3	45.6	50.2	15.1	44.0	D	D	54.3	51.8	48.0	45.7	57.1
Employer	9.8	10.9	9.3	D	D	D	D	D	8.8	12.3	10.2	8.6	4.8
Other	2.7	3.6	2.3	D	D	D	15.4	0.0	0.6	0.6	0.0	0.0	0.0
Humanities and arts (number)	4,251	2,156	2,095	3,570	671	315	14	191	158	2,740	105	36	11
Teaching assistantships	39.7	37.5	41.9	40.0	37.7	34.0	D	35.1	32.3	41.6	D	38.9	45.5
Research assistantships or traineeships <sup>b</sup>	1.5	1.4	1.7	1.6	1.0	1.9	D	D	D	1.6	0.0	0.0	0.0
Fellowships, scholarships, or dissertation grants	36.7	36.6	36.7	34.2	49.8	41.6	D	D	40.5	32.2	41.9	38.9	27.3
Own resources	19.5	21.0	18.0	22.0	6.7	20.0	42.9	20.4	24.7	22.2	16.2	22.2	27.3
Employer	1.7	2.5	0.9	D	D	1.9	D	D	D	D	D	0.0	0.0
Other	0.9	1.0	0.8	D	D	0.6	0.0	0.5	0.0	D	1.0	0.0	0.0
Other (number) <sup>d</sup>	2,484	1,152	1,332	1,507	967	115	9	147	202	978	37	10	9
Teaching assistantships	22.3	23.1	21.5	20.2	25.2	13.9	0.0	24.5	10.4	22.8	13.5	30.0	11.1
Research assistantships or traineeships <sup>b</sup>	18.0	18.3	17.6	13.8	24.4	14.8	D	D	6.9	14.8	16.2	10.0	11.1
Fellowships, scholarships, or dissertation grants	24.4	25.9	23.2	19.6	32.0	26.1	D	D	16.3	17.3	16.2	10.0	11.1
Own resources	28.1	25.2	30.7	39.1	11.2	39.1	D	20.4	57.4	37.6	D	50.0	66.7
Employer	4.1	3.7	4.5	6.3	0.8	5.2	D	D	6.9	6.9	D	0.0	0.0
Other	3.1	3.8	2.4	0.9	6.4	0.9	0.0	0.7	2.0	0.6	5.4	0.0	0.0

D = suppressed to avoid disclosure of confidential information.

<sup>a</sup> Includes doctorate recipients with missing citizenship information and who did not report sex.

<sup>b</sup> Includes research assistantships, other assistantships, traineeships, and internships or clinical residencies.

<sup>c</sup> Includes agricultural sciences and natural resources; biological and biomedical sciences; and health sciences.

<sup>d</sup> Includes other non-science and engineering fields not shown separately.

**Note(s):**

Includes only doctorate recipients who reported primary source of support. Due to rounding, percentages may not sum to 100.

**Source(s):**

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