

Table 4-2

Research doctorate recipients' sources of financial support, by broad field of doctorate and sex: 2021

(Percent)

Financial source	All fields		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 ^a		
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female			
Doctorate recipients reporting source of support and sex (number)	24,923	21,172	20,942	15,828	528	546	3,583	3,940	1,459	456	6,312	2,201	420	534	420	699	1,553	1,248	486	683	460	2,939	1,423	829	2,188	2,128	2,155	3,981	5,344	628	505	930	2,230	1,404	1,265	301	370	718	974
Fellowship or scholarship	63.8	68.3	62.8	69.3	66.3	73.4	71.0	74.2	54.7	56.4	57.9	66.3	69.5	78.8	58.1	60.8	61.1	64.6	60.3	73.5	60.0	68.4	57.5	61.7	76.1	78.0	68.6	65.4	65.0	65.1	45.8	49.4	83.5	85.2	85.7	89.5	64.9	67.2	
Dissertation grant	14.3	21.5	12.2	19.7	14.4	19.0	12.8	15.7	5.8	11.4	7.1	9.0	14.4	16.0	15.9	22.4	8.6	8.8	11.0	22.2	7.2	10.0	22.1	23.4	34.0	43.1	25.3	26.8	14.5	14.9	12.8	15.4	38.2	45.9	32.2	40.8	23.0	28.9	
Assistantship																																							
Teaching	69.8	65.7	70.5	66.9	46.4	59.2	54.1	54.5	75.7	80.0	65.5	66.3	76.0	80.2	51.5	42.5	94.2	89.7	74.8	72.0	86.7	88.5	72.7	69.2	81.3	81.4	66.5	62.0	65.9	63.2	35.2	39.9	82.5	88.3	90.0	87.6	66.4	68.3	
Research	71.1	62.6	76.5	69.0	82.0	81.3	65.7	65.1	84.8	83.6	85.1	84.8	85.0	85.7	55.9	48.0	62.4	61.1	78.6	70.0	90.4	87.9	57.8	60.6	62.6	63.2	42.4	43.7	58.0	58.4	34.8	37.8	37.3	40.1	29.9	34.1	53.9	57.7	
Other	7.0	10.0	6.0	8.2	8.9	8.4	4.1	4.0	5.6	6.6	4.8	4.5	5.4	4.8	9.0	7.5	5.4	5.1	7.0	7.2	3.0	3.0	20.7	20.7	9.5	12.7	12.4	15.3	6.1	8.5	14.9	16.0	14.4	18.3	15.6	16.5	9.3	12.8	
Traineeship	3.3	5.0	3.8	6.3	2.1	3.8	2.2	11.6	D	D	1.7	3.5	1.7	3.8	7.7	7.6	1.8	2.9	D	D	1.8	3.1	6.2	6.5	1.9	2.3	0.8	1.2	D	D	0.5	1.0	1.0	1.1	D	D	0.7	2.1	
Internship or clinical residency	12.1	11.1	13.7	13.6	4.4	6.2	3.2	4.2	39.0	36.4	18.6	15.9	11.2	10.2	8.6	5.5	13.7	23.0	22.0	14.6	4.9	7.0	36.8	43.1	4.3	4.0	4.1	3.8	4.6	3.6	3.3	3.7	3.6	2.9	2.7	7.0	6.3	4.1	
Loan (any source)	18.5	27.1	15.2	22.6	15.7	20.1	15.8	13.8	8.4	9.4	10.1	7.6	14.0	13.8	30.9	44.2	9.1	7.6	16.1	20.0	8.1	8.4	49.8	47.5	28.3	31.7	35.9	40.3	21.2	26.3	46.9	46.5	34.3	33.7	42.9	38.6	34.5	42.8	
Personal sources																																							
Savings	47.0	54.4	44.2	51.7	51.5	51.6	43.3	47.5	40.7	42.1	41.7	41.6	41.0	45.2	57.5	65.0	38.1	41.8	47.0	54.8	34.4	38.9	68.0	65.7	57.1	59.5	61.6	62.3	58.4	65.0	67.0	64.3	60.4	58.4	63.1	63.2	59.2	61.1	
Other earnings during graduate school	24.7	34.8	20.1	29.2	27.7	28.4	18.5	20.4	16.0	18.0	14.2	14.6	19.1	25.5	37.1	49.2	17.8	17.9	23.4	33.5	11.7	13.1	46.9	46.3	37.9	43.7	48.6	51.7	25.5	28.1	58.1	57.5	54.0	53.4	62.5	58.4	40.1	45.6	
Spouse's, partner's, or family's earnings or savings	33.6	44.8	31.9	42.6	33.9	43.0	32.8	39.3	29.2	34.4	30.5	35.3	28.3	33.3	34.9	47.5	29.9	39.9	33.7	39.6	25.8	30.9	44.9	59.6	39.8	47.8	42.5	51.4	37.4	50.3	38.8	49.7	45.7	53.4	48.2	54.3	43.2	52.1	
Employer reimbursement or assistance	9.2	11.2	8.0	8.9	9.8	8.6	6.7	6.9	10.0	8.1	7.9	5.9	7.3	6.4	15.3	22.4	5.6	5.6	7.8	11.3	6.2	4.8	9.4	8.2	9.6	10.3	15.4	18.0	11.3	14.9	28.6	28.0	10.5	8.1	4.3	6.8	16.0	14.2	
Foreign (non-U.S.) support	6.9	4.9	6.8	5.0	11.6	8.1	5.1	4.5	8.0	9.4	8.5	6.5	6.0	4.5	8.6	4.1	5.7	7.2	7.3	5.4	3.5	3.2	3.1	2.3	8.8	6.7	7.4	4.7	6.2	5.5	5.7	3.3	7.5	4.9	5.6	7.3	10.9	6.0	
Other	0.9	1.1	0.8	0.9	0.6	1.3	0.7	0.8	0.4	0.0	0.6	0.3	0.7	0.5	1.1	2.1	0.8	0.2	0.7	1.1	0.4	0.5	1.4	1.3	1.7	1.2	1.6	1.7	1.6	2.2	2.2	1.7	1.5	0.9	0.3	1.6	1.7	2.5	

D = suppressed to avoid disclosure of confidential information.

^a Includes other non-science and engineering fields not shown separately.

Note(s):

In this table, a respondent counts once in each source category from which the respondent 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 the new broad, major, and detailed fields were used in tables reporting only the most recent data year. Therefore, the field of doctorate data in 2021 may not be comparable to prior years; see the "Technical Notes" for more information, table A-4 for a summary of SED-CIP codes in the new SED field taxonomy, table A-5 for a full list of SED-CIP codes in the new field taxonomy, and table A-6 for the SED-CIP code crosswalk to the historical field taxonomy.

Source(s):

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