

Table 50**Sources of support for doctorate recipients with postgraduation commitments for postdoctoral study, by sex, citizenship status, ethnicity, and race: Selected years, 1990–2020**

(Number and percent)

Postgraduate study commitments, source of support, and year	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 ^b	Black or African American	White	More than one race	Other race or race not reported ^c		
All postgraduate study commitments (number)														
1990	6,158	4,245	1,912	4,448	1,708	120	7	262	86	3,901	na	23	49	
1995	7,380	4,843	2,536	5,640	1,737	173	24	1,081	152	4,149	na	26	35	
2000	7,657	4,626	3,031	5,413	2,236	250	24	536	202	4,304	na	70	27	
2005	9,611	5,674	3,934	6,086	3,513	323	19	595	277	4,685	80	68	39	
2010	12,447	7,080	5,367	7,923	4,458	450	D	755	318	5,964	D	66	134	
2015	11,026	6,149	4,877	7,257	3,748	511	23	622	298	5,519	204	50	30	
2020	13,546	7,447	6,099	8,435	5,064	718	13	806	372	6,137	306	59	24	
College or university (%) ^d														
1990	26.7	29.2	21.1	19.5	45.4	25.0	14.3	24.4	33.7	18.7	na	34.8	14.3	
1995	29.1	32.0	23.7	23.9	46.3	26.0	20.8	29.3	24.3	22.6	na	7.7	5.7	
2000	33.5	35.6	30.2	28.3	46.0	28.8	25.0	29.1	35.6	28.0	na	20.0	18.5	
2005	47.7	49.2	45.7	40.9	59.5	36.5	36.8	46.4	45.1	40.2	42.5	41.2	46.2	
2010	39.1	40.8	37.0	33.7	49.1	32.2	20.8	40.1	40.3	32.9	34.0	31.8	23.9	
2015	44.9	47.0	42.2	40.0	54.3	43.6	39.1	42.6	43.0	39.2	40.2	50.0	33.3	
2020	38.4	39.9	36.6	32.8	48.0	34.4	53.8	34.7	37.9	32.1	34.0	27.1	8.3	
U.S. government (%) ^d														
1990	35.7	34.8	37.7	42.3	18.4	30.0	42.9	41.2	16.3	43.3	na	39.1	44.9	
1995	36.8	36.2	37.9	42.7	17.8	34.7	45.8	37.5	32.9	44.6	na	34.6	65.7	
2000	35.8	35.7	36.0	42.2	20.3	44.4	37.5	41.4	35.6	42.6	na	32.9	48.1	
2005	29.0	28.8	29.2	35.6	17.5	37.8	36.8	31.3	30.7	36.6	28.8	25.0	35.9	
2010	33.3	32.9	33.9	39.9	21.8	34.7	58.3	32.2	37.1	41.5	37.7	33.3	43.3	
2015	30.7	30.0	31.5	36.2	20.0	35.2	34.8	33.6	33.2	36.8	37.3	30.0	30.0	
2020	31.7	31.5	32.1	39.3	19.3	35.2	D	37.0	32.5	40.8	35.3	D	20.8	
Private foundation (%) ^d														
1990	11.0	10.3	12.7	11.4	10.1	11.7	14.3	11.8	9.3	11.4	na	8.7	10.2	
1995	8.7	8.1	9.8	8.6	9.0	7.5	0.0	7.1	9.2	9.1	na	7.7	2.9	
2000	8.0	7.8	8.2	7.5	9.3	6.4	8.3	7.8	5.4	7.5	na	10.0	14.8	
2005	4.8	4.2	5.6	5.6	3.5	7.1	15.8	3.9	4.3	5.6	8.8	10.3	2.6	
2010	4.5	3.9	5.2	5.6	2.5	7.1	D	5.7	D	5.7	D	4.5	2.2	
2015	4.8	4.5	5.1	5.6	3.3	5.9	D	5.1	3.7	5.7	D	2.0	6.7	
2020	4.1	3.6	4.6	4.8	2.9	4.6	D	3.6	6.2	4.8	4.9	D	8.3	

Table 50**Sources of support for doctorate recipients with postgraduation commitments for postdoctoral study, by sex, citizenship status, ethnicity, and race: Selected years, 1990–2020**

(Number and percent)

Postgraduate study commitments, source of support, and year	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 ^b	Black or African American	White	More than one race	Other race or race not reported ^c		
Nonprofit, other than private foundation (%) ^d														
1990	2.7	2.4	3.2	2.5	3.2	2.5	0.0	1.9	7.0	2.5	na	0.0	2.0	
1995	2.5	2.3	3.0	2.4	3.1	3.5	4.2	3.2	3.3	2.1	na	0.0	2.9	
2000	3.4	3.2	3.6	2.9	4.5	3.2	0.0	2.8	4.0	2.9	na	1.4	3.7	
2005	3.1	2.6	3.8	3.3	2.8	3.7	0.0	2.4	5.1	3.2	7.5	2.9	0.0	
2010	3.4	2.5	4.6	3.5	3.3	D	D	2.5	4.1	3.5	5.7	3.0	4.5	
2015	3.8	2.7	5.2	4.4	2.7	3.3	D	5.3	4.7	4.4	D	2.0	3.3	
2020	3.0	2.4	3.8	3.3	2.5	4.2	D	3.1	4.3	3.2	2.6	D	0.0	
Other (%) ^d														
1990	9.2	9.6	8.4	8.8	10.2	5.0	0.0	6.1	2.3	9.3	na	8.7	6.1	
1995	9.4	9.3	9.8	8.8	11.4	9.2	12.5	8.3	8.6	8.9	na	11.5	14.3	
2000	8.3	7.5	9.6	8.3	8.3	7.6	8.3	6.3	5.0	8.6	na	15.7	7.4	
2005	7.8	8.1	7.5	6.9	9.5	7.4	0.0	7.6	5.1	6.9	8.8	8.8	2.6	
2010	8.6	9.2	7.9	7.4	10.8	8.4	D	8.2	D	7.3	D	4.5	8.2	
2015	9.0	9.1	8.8	7.9	11.0	6.5	0.0	6.1	5.7	8.1	12.7	12.0	10.0	
2020	8.4	8.3	8.4	7.3	10.2	6.5	0.0	7.4	7.0	7.3	7.5	11.9	16.7	
Unknown (%) ^d														
1990	14.7	13.7	16.9	15.5	12.6	25.8	28.6	14.5	31.4	14.8	na	8.7	22.4	
1995	13.4	12.1	15.8	13.7	12.4	19.1	16.7	14.5	21.7	12.8	na	38.5	8.6	
2000	11.0	10.2	12.4	10.8	11.6	9.6	20.8	12.5	14.4	10.3	na	20.0	7.4	
2005	7.6	7.2	8.1	7.7	7.2	7.4	10.5	8.6	9.7	7.5	3.8	11.8	12.8	
2010	11.0	10.6	11.5	9.9	12.4	D	D	11.3	D	9.1	9.0	22.7	17.9	
2015	6.9	6.7	7.1	6.0	8.6	5.5	4.3	7.2	9.7	5.8	2.9	4.0	16.7	
2020	14.4	14.3	14.5	12.5	17.1	15.0	15.4	14.1	12.1	11.7	15.7	15.3	45.8	

D = suppressed to avoid disclosure of confidential information.

na = not applicable; respondents were instructed to indicate only one race.

^a Includes respondents who did not report sex and respondents who did not report citizenship status.^b Includes Native Hawaiians or Other Pacific Islanders through 2000, but excludes them since 2001.^c Before 2001, this category included respondents who selected more than one race. Since 2001, this category has included Native Hawaiians or Other Pacific Islanders, who previously had been included in the category Asian.^d Percentages based on number reporting definite commitments for postdoctoral study or training.**Source(s):**

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