

Table 2-5
Sources of support for research doctorate recipients with postdoctoral training commitments, by sex, citizenship status, ethnicity, and race: Selected years, 1992–2022

(Number and percent)

Postdoctoral training commitments, source of support, and year	Total ^a	Sex		Citizenship status		U.S. citizens and permanent residents							Ethnicity not reported
		Male	Female	U.S. citizen or permanent resident	Temporary visa holder	Hispanic or Latino	Not Hispanic or Latino					Other race or race not reported ^c	
							American Indian or Alaska Native	Asian ^b	Black or African American	White	More than one race		
All postdoctoral training commitments (number)													
1992	6,888	4,717	2,169	4,724	2,162	132	19	352	115	4,046	na	19	41
1997	7,095	4,537	2,558	5,021	2,061	166	13	657	161	3,909	na	79	36
2002	7,929	4,762	3,167	5,408	2,513	254	19	539	249	4,155	60	75	57
2007	10,637	6,194	4,442	6,517	4,097	379	D	605	268	4,983	134	70	56
2012	11,555	6,484	5,069	7,498	4,010	472	17	719	288	5,652	228	62	60
2017	12,585	7,026	5,559	8,130	4,415	621	20	802	400	5,921	271	73	22
2022	14,670	7,827	6,842	9,044	5,566	904	24	890	464	6,291	375	64	32
U.S. government (%)													
1992	35.5	34.9	36.9	43.5	17.9	38.6	26.3	32.7	27.0	45.2	na	36.8	43.9
1997	37.9	36.9	39.6	44.7	21.2	44.6	46.2	41.4	34.2	45.7	na	39.2	47.2
2002	32.8	33.6	31.8	38.6	20.5	31.9	36.8	38.4	31.3	39.4	51.7	49.3	19.3
2007	29.8	29.9	29.6	36.6	18.9	32.7	D	33.9	34.0	37.5	37.3	D	37.5
2012	31.1	31.1	31.1	37.0	20.2	35.8	D	36.3	36.1	37.4	38.6	D	31.7
2017	28.6	27.7	29.8	34.6	17.7	34.8	D	31.8	30.3	35.5	33.9	D	31.8
2022	30.0	29.1	30.9	37.5	17.9	36.4	37.5	32.2	28.9	39.2	37.3	18.8	37.5
College or university (%)													
1992	28.6	31.0	23.4	20.8	45.8	22.7	36.8	33.2	28.7	19.3	na	26.3	22.0
1997	31.7	34.1	27.5	25.7	46.4	24.1	D	30.6	29.2	24.7	na	D	33.3
2002	41.8	43.0	39.9	36.2	54.0	39.8	26.3	34.3	36.5	36.3	26.7	29.3	49.1
2007	45.6	47.3	43.2	39.5	55.4	40.1	D	42.8	42.2	38.9	39.6	D	41.1
2012	44.0	45.1	42.6	38.6	54.2	42.8	58.8	37.4	45.5	37.7	37.7	50.0	50.0
2017	43.7	45.2	41.8	38.7	53.1	39.0	D	39.4	45.5	38.1	37.6	D	22.7
2022	42.6	44.6	40.3	36.2	53.1	36.1	33.3	39.8	44.4	35.0	37.9	35.9	31.3
Private foundation (%)													
1992	9.4	8.4	11.4	10.1	7.7	10.6	D	11.1	10.4	10.0	na	D	9.8
1997	9.5	8.9	10.7	9.8	8.9	6.0	D	8.8	10.6	10.2	na	D	5.6
2002	5.9	5.2	6.9	6.5	4.6	7.5	D	5.8	7.2	6.5	8.3	D	5.3
2007	4.8	4.4	5.2	D	3.7	5.5	D	4.3	4.1	5.7	4.5	D	1.8
2012	4.7	4.2	5.4	5.5	3.2	4.4	D	5.6	2.8	5.8	6.6	D	3.3
2017	4.2	3.7	4.9	5.1	2.7	5.5	0.0	4.2	3.3	5.2	6.3	6.8	4.5
2022	3.8	3.5	4.2	4.4	2.7	4.4	D	4.3	D	4.4	5.1	1.6	0.0
Nonprofit, other than private foundation (%)													
1992	2.6	2.6	2.6	1.8	4.3	D	0.0	D	D	1.9	na	5.3	2.4

Table 2-5
Sources of support for research doctorate recipients with postdoctoral training commitments, by sex, citizenship status, ethnicity, and race: Selected years, 1992–2022

(Number and percent)

Postdoctoral training commitments, source of support, and year	Total ^a	Sex		Citizenship status		U.S. citizens and permanent residents							Ethnicity not reported
		Male	Female	U.S. citizen or permanent resident	Temporary visa holder	Hispanic or Latino	Not Hispanic or Latino						
							American Indian or Alaska Native	Asian ^b	Black or African American	White	More than one race	Other race or race not reported ^c	
1997	3.0	3.0	3.2	2.7	3.9	4.2	0.0	2.4	D	2.7	na	D	0.0
2002	3.5	3.0	4.3	3.3	3.9	4.3	0.0	3.3	6.4	3.1	8.3	0.0	3.5
2007	3.1	2.7	3.6	2.8	3.5	2.6	D	2.8	2.2	2.9	D	4.3	1.8
2012	2.9	2.4	3.5	2.8	3.0	1.1	0.0	3.9	1.7	2.9	3.1	0.0	0.0
2017	3.4	2.7	4.2	3.7	2.9	1.9	0.0	3.0	3.3	4.0	4.4	2.7	0.0
2022	3.1	2.4	3.9	3.6	2.2	3.7	D	4.8	D	3.3	3.5	6.3	0.0
Other (%)													
1992	10.5	10.3	10.9	10.8	10.0	9.8	0.0	8.5	11.3	11.0	na	5.3	9.8
1997	8.5	8.7	8.2	7.8	10.1	11.4	15.4	5.8	11.2	7.7	na	16.5	8.3
2002	9.3	9.5	9.0	8.9	10.2	7.9	15.8	11.1	9.2	8.5	3.3	13.3	14.0
2007	10.4	10.0	11.1	9.1	12.5	10.3	D	9.6	7.1	9.0	D	11.4	7.1
2012	8.4	8.6	8.2	7.7	9.9	7.4	11.8	7.5	4.5	8.0	5.7	9.7	1.7
2017	8.9	9.1	8.6	8.1	10.5	5.6	0.0	9.6	6.8	8.1	8.9	11.0	18.2
2022	7.9	8.0	7.9	7.1	9.3	7.1	4.2	7.2	6.9	7.2	6.9	7.8	3.1
Unknown (%)													
1992	13.4	12.8	14.8	13.1	14.2	16.7	21.1	13.4	20.9	12.7	na	15.8	12.2
1997	9.4	8.6	10.8	9.3	9.5	9.6	0.0	11.0	12.4	9.0	na	8.9	5.6
2002	6.6	5.7	8.0	6.6	6.7	8.7	15.8	7.1	9.2	6.3	1.7	4.0	8.8
2007	6.4	5.7	7.2	D	6.0	8.7	D	6.6	10.4	6.0	D	11.4	10.7
2012	8.9	8.7	9.2	8.4	9.5	8.5	D	9.3	9.4	8.2	D	8.1	13.3
2017	11.1	11.6	10.6	10.0	13.0	13.2	15.0	12.0	11.0	9.1	8.9	21.9	22.7
2022	12.7	12.5	12.9	11.2	14.8	12.4	8.3	11.7	10.6	10.9	9.3	29.7	28.1

D = suppressed to avoid disclosure of confidential information. na = not applicable; doctorate recipients were instructed to indicate only one race.

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

^b Includes Native Hawaiians or Other Pacific Islanders through 2000 but excludes them since 2001.

^c Before 2001, this category included doctorate recipients 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.

Note(s):
 Percentages based on number of doctorate recipients reporting definite commitments for a postdoctoral study (postdoc) position.

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