

Table 2-5. Sources of support for research doctorate recipients with postdoctoral training commitments, by sex, citizenship status, ethnicity, and race: Selected years, 1994–2024

(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)													
1994	7,275	4,744	2,530	5,443	1,830	174	24	869	140	4,182	na	22	32
1999	7,768	4,817	2,950	5,564	2,199	210	30	627	197	4,410	na	65	25
2004	9,116	5,396	3,720	5,877	3,226	289	17	541	275	4,538	83	76	58
2009	11,522	6,508	5,013	7,318	4,184	430	25	625	317	5,521	175	68	157
2014	10,699	5,886	4,813	7,026	3,651	442	17	584	283	5,413	196	60	31
2019	13,443	7,436	6,007	8,462	4,943	725	26	820	370	6,127	311	57	26
2024	14,535	7,544	6,991	8,680	5,800	965	25	928	487	5,762	390	88	35
U.S. government (%)													
1994	36.2	35.6	37.2	42.3	17.8	46.0	33.3	34.4	32.9	44.2	na	45.5	40.6
1999	35.7	35.8	35.4	41.6	20.7	41.4	36.7	36.4	34.0	42.9	na	30.8	44.0
2004	30.9	31.2	30.4	37.6	18.8	34.3	23.5	33.3	28.0	39.0	36.1	34.2	36.2
2009	29.6	29.0	30.4	36.3	17.9	38.1	20.0	30.4	32.8	37.4	31.4	35.3	28.0
2014	31.2	30.9	31.7	36.4	21.3	38.0	D	32.5	30.7	37.0	36.7	D	48.4
2019	31.6	30.9	32.4	38.6	19.8	37.4	34.6	34.4	32.7	39.8	37.0	28.1	38.5
2024	28.4	27.9	28.8	35.3	18.1	33.1	D	D	30.0	37.2	35.4	28.4	34.3
College or university (%)													
1994	29.3	31.6	24.9	23.9	45.1	22.4	D	32.5	26.4	22.3	na	D	12.5
1999	32.4	34.4	29.1	27.3	45.4	27.1	40.0	32.2	27.4	26.5	na	23.1	36.0
2004	45.5	47.1	43.1	39.1	57.0	42.2	41.2	42.5	43.3	38.1	38.6	43.4	39.7
2009	44.9	46.7	42.6	38.8	55.6	37.2	48.0	42.9	36.3	38.6	44.0	32.4	36.9
2014	43.5	44.8	41.8	39.1	51.9	41.2	52.9	41.8	44.5	38.5	37.2	35.0	35.5
2019	39.0	40.5	37.2	33.3	49.0	35.7	42.3	36.0	40.5	32.0	36.0	29.8	34.6
2024	44.7	46.9	42.3	37.3	55.9	36.5	56.0	40.9	43.7	36.3	38.2	37.5	22.9
Private foundation (%)													
1994	9.5	8.3	11.8	9.3	10.0	8.6	D	9.0	D	9.4	na	0.0	9.4
1999	9.3	8.5	10.6	9.2	9.6	8.1	D	8.8	7.1	9.4	na	D	8.0
2004	5.4	5.1	6.0	6.1	4.3	3.8	D	5.2	5.1	6.4	D	6.6	6.9
2009	4.7	4.3	5.2	5.8	2.8	5.6	0.0	5.3	5.7	5.9	D	D	9.6
2014	5.0	5.0	5.2	5.9	3.4	3.8	0.0	6.0	6.0	6.1	5.1	3.3	6.5
2019	4.1	3.5	4.8	4.9	2.7	4.7	D	4.9	3.0	4.9	8.0	D	0.0
2024	3.5	3.1	4.0	4.3	2.3	5.2	D	D	4.9	4.2	5.1	2.3	5.7
Nonprofit, other than private foundation (%)													
1994	2.7	2.6	2.8	2.3	3.8	D	D	2.6	D	2.2	na	4.5	D
1999	3.2	2.9	3.7	2.9	4.0	2.9	D	3.7	3.6	2.7	na	D	0.0

Table 2-5. Sources of support for research doctorate recipients with postdoctoral training commitments, by sex, citizenship status, ethnicity, and race: Selected years, 1994–2024

(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			
2004	3.0	2.4	3.9	2.7	3.5	3.5	0.0	2.6	4.0	2.7	1.2	2.6	0.0	
2009	3.1	2.2	4.1	2.9	3.4	3.0	D	3.2	3.8	2.7	D	0.0	5.1	
2014	3.4	2.7	4.2	3.7	2.8	2.3	D	3.3	3.5	3.9	2.6	D	0.0	
2019	3.2	2.3	4.2	3.6	2.4	4.1	0.0	3.7	2.4	3.8	1.6	0.0	3.8	
2024	3.5	2.7	4.4	4.2	2.4	5.1	D	D	5.3	3.9	5.6	3.4	0.0	
Other (%)														
1994	9.6	9.5	9.6	9.3	10.4	7.5	4.2	7.6	5.0	9.8	na	18.2	15.6	
1999	9.0	8.3	10.1	8.8	9.5	9.5	6.7	5.9	11.2	9.1	na	13.8	0.0	
2004	8.1	7.6	8.9	7.5	9.2	6.9	11.8	8.9	6.2	7.4	6.0	10.5	5.2	
2009	9.4	10.0	8.6	8.2	11.4	8.6	D	7.5	7.6	8.2	9.7	D	9.6	
2014	9.7	10.1	9.1	8.1	12.8	5.9	D	9.4	7.1	8.1	7.7	D	3.2	
2019	8.6	8.8	8.4	7.7	10.3	6.2	3.8	7.4	8.9	7.8	8.4	7.0	7.7	
2024	7.5	7.6	7.3	7.3	7.8	7.5	4.0	7.7	6.6	7.4	6.7	8.0	5.7	
Unknown (%)														
1994	12.9	12.4	13.8	12.9	12.8	D	37.5	13.9	20.7	12.2	na	D	D	
1999	10.5	10.0	11.2	10.3	10.8	11.0	D	13.1	16.8	9.4	na	D	12.0	
2004	7.1	6.7	7.7	7.1	7.1	9.3	D	7.6	13.5	6.4	D	2.6	12.1	
2009	8.3	7.8	9.0	8.0	9.0	7.4	16.0	10.7	13.9	7.2	9.1	13.2	10.8	
2014	7.2	6.6	8.0	6.8	7.8	8.8	0.0	7.0	8.1	6.4	10.7	15.0	6.5	
2019	13.6	14.0	13.0	12.0	15.8	11.9	D	13.7	12.4	11.7	9.0	D	15.4	
2024	12.4	11.8	13.1	11.6	13.5	12.7	4.0	14.2	9.4	11.1	9.0	20.5	31.4	

D = suppressed to avoid disclosure of confidential information. na = not applicable; doctorate recipients were instructed to indicate only one race before 2001.

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

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

^c Before 2001, other race included doctorate recipients who selected more than one race. Since 2001, other race has included Native Hawaiians or Other Pacific Islanders, who previously had been included in the category Asian.

Note(s):

Percentages are based on the number of definite commitments for a postdoctoral study (postdoc) position.

Source(s):

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