

Table 2-7

Employment sector of research doctorate recipients with definite postgraduation commitments for employment in the United States, by sex, citizenship status, ethnicity, and race: Selected years, 1991–2021

(Number and percent)

Employment commitment, sector, 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 U.S. employment commitments (number)													
1991	15,465	8,919	6,544	13,845	1,618	409	64	519	605	12,092	na	42	114
1996	16,273	9,066	7,205	14,632	1,629	544	99	1,088	731	12,032	na	87	51
2001	17,304	9,549	7,755	14,385	2,910	626	73	880	834	11,448	148	149	227
2006	17,681	9,432	8,248	13,757	3,892	689	60	861	888	10,827	200	120	112
2011	14,167	7,438	6,728	11,364	2,740	555	D	810	681	8,856	D	69	111
2016	16,303	8,790	7,513	12,573	3,682	759	D	947	790	9,538	332	D	66
2021	17,404	9,216	8,188	12,729	4,578	1,103	44	1,143	1,158	8,634	431	135	81
Academe (%) ^d													
1991	52.1	48.3	57.3	51.8	54.6	62.8	53.1	37.6	58.7	51.7	na	54.8	50.9
1996	48.8	43.3	55.8	50.5	34.1	60.3	54.5	27.5	52.8	51.9	na	57.5	47.1
2001	48.4	42.5	55.6	52.0	30.3	60.7	52.1	34.7	50.5	52.9	54.1	55.7	55.1
2006	51.1	46.3	56.7	54.7	38.3	55.6	66.7	38.7	50.3	56.4	54.0	47.5	50.0
2011	51.8	44.7	59.5	55.5	36.8	62.2	68.1	42.0	57.7	56.3	51.9	62.3	43.2
2016	44.6	38.0	52.3	48.5	31.5	49.8	D	36.4	47.3	49.8	45.8	D	40.9
2021	35.9	29.5	43.1	39.9	24.8	41.8	59.1	30.5	42.6	40.7	38.1	33.3	33.3
Government (%) ^d													
1991	8.6	9.4	7.5	9.4	1.9	7.6	9.4	8.9	8.9	9.5	na	4.8	10.5
1996	7.9	8.7	7.0	8.6	1.6	8.6	15.2	6.3	10.1	8.7	na	8.0	13.7
2001	6.5	7.1	5.8	7.5	1.7	7.5	9.6	5.5	9.5	7.5	5.4	9.4	4.8
2006	6.0	6.2	5.8	7.4	1.2	8.0	8.3	7.9	9.8	7.1	6.0	10.8	8.0
2011	8.0	9.0	6.8	9.5	2.0	10.5	D	9.0	11.3	9.3	8.1	D	17.1
2016	7.3	8.0	6.6	9.0	1.6	8.7	9.4	8.7	12.2	8.7	11.1	13.6	10.6
2021	7.7	8.0	7.4	10.0	1.6	10.1	11.4	7.5	12.7	9.8	10.0	14.8	17.3
Industry or business (%) ^{d,e}													
1991	21.1	27.0	13.2	19.2	38.0	13.4	14.1	46.8	7.9	18.7	na	21.4	26.3
1996	25.9	34.7	14.9	22.2	59.5	15.4	12.1	59.0	10.4	20.0	na	14.9	29.4
2001	29.4	38.4	18.4	22.4	63.8	14.9	20.5	52.0	13.9	21.1	26.4	26.2	23.3
2006	25.0	32.9	15.9	17.1	52.9	14.5	10.0	39.4	9.5	16.1	18.0	18.3	20.5
2011	26.9	35.8	17.1	19.8	56.7	14.4	10.6	39.1	9.0	19.2	D	D	20.7
2016	34.6	43.9	23.8	26.5	62.1	25.2	13.2	43.2	17.1	25.6	28.0	30.7	33.3
2021	43.2	52.1	33.2	33.8	69.4	30.0	D	50.4	21.6	33.9	34.6	D	30.9
Nonprofit organization (%) ^d													
1991	6.7	6.4	7.2	7.2	2.9	6.8	D	3.3	5.0	7.5	na	D	8.8
1996	6.1	5.3	7.1	6.6	2.2	6.8	D	4.2	5.1	6.9	na	D	2.0
2001	5.3	4.7	6.0	5.9	2.3	6.2	6.8	5.1	4.8	6.1	6.1	4.7	5.3
2006	4.5	3.4	5.7	5.2	2.1	4.6	D	4.8	6.1	5.2	4.0	D	3.6

Table 2-7**Employment sector of research doctorate recipients with definite postgraduation commitments for employment in the United States, by sex, citizenship status, ethnicity, and race: Selected years, 1991–2021**

(Number and percent)

Employment commitment, sector, 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	
2011	5.7	4.9	6.5	6.4	2.7	6.1	12.8	5.8	5.9	6.4	8.9	8.7	6.3
2016	5.7	4.5	7.0	6.7	2.5	6.1	11.3	7.3	7.2	6.6	6.3	6.8	7.6
2021	6.7	5.9	7.7	8.2	2.7	8.4	D	7.7	9.7	7.9	9.0	D	9.9
Other or unknown (%) ^{d,f}													
1991	11.4	8.9	14.8	12.4	2.5	9.3	20.3	3.5	19.5	12.6	na	11.9	3.5
1996	11.2	8.0	15.3	12.2	2.6	8.8	14.1	3.0	21.6	12.6	na	10.3	7.8
2001	10.4	7.3	14.3	12.1	1.9	10.7	11.0	2.7	21.3	12.5	8.1	4.0	11.5
2006	13.4	11.2	15.9	15.6	5.5	17.3	8.3	9.3	24.3	15.2	18.0	15.0	17.9
2011	7.7	5.5	10.1	8.8	1.9	6.8	6.4	4.1	16.2	8.7	10.2	10.1	12.6
2016	7.8	5.6	10.3	9.4	2.3	10.3	5.7	4.4	16.2	9.3	8.7	9.1	7.6
2021	6.5	4.6	8.6	8.2	1.6	9.7	11.4	3.8	13.5	7.8	8.4	8.9	8.6

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.^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 employment commitments and sector.^e Includes doctorate recipients who indicated self-employment.^f Other is mainly composed of elementary and secondary schools.**Note(s):**

Due to rounding, percentages may not sum to 100.

Source(s):

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