

Table 47

Employment sector of doctorate recipients with definite postgraduation commitments for employment in the United States, by sex, citizenship status, ethnicity, and race: Selected years, 1990–2020

(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)														
1990	15,239	9,042	6,197	13,847	1,384	397	52	447	570	12,245	na	52	84	
1995	15,303	8,420	6,882	14,049	1,249	449	67	1,028	707	11,681	na	54	63	
2000	17,248	9,361	7,887	14,850	2,387	601	87	849	887	12,203	na	146	77	
2005	15,658	8,145	7,513	12,733	2,899	606	68	727	801	10,156	161	112	102	
2010	14,706	7,557	7,149	12,108	2,517	658	D	816	812	9,263	215	D	207	
2015	15,166	8,207	6,959	11,814	3,313	633	38	874	758	9,075	301	75	60	
2020	19,556	10,444	9,112	14,241	5,241	1,112	47	1,212	1,131	10,117	442	107	73	
Academe (%) ^d														
1990	51.5	48.0	56.5	51.2	54.0	57.2	63.5	39.4	55.1	51.2	na	42.3	53.6	
1995	52.4	47.1	58.9	53.0	45.8	59.2	62.7	37.2	58.4	53.8	na	57.4	52.4	
2000	48.6	43.9	54.3	51.1	33.6	56.2	62.1	34.6	52.2	51.8	na	51.4	57.1	
2005	54.3	49.5	59.6	56.3	45.7	61.7	52.9	46.2	56.2	56.8	58.4	49.1	51.0	
2010	52.6	47.1	58.4	54.6	43.8	55.8	D	43.5	49.3	55.9	51.2	D	55.1	
2015	48.5	41.5	56.8	53.0	32.5	54.2	63.2	37.5	53.6	54.1	57.1	57.3	53.3	
2020	39.6	33.0	47.1	43.8	28.2	49.1	53.2	30.8	43.7	44.9	41.6	42.1	42.5	
Government (%) ^d														
1990	8.8	9.7	7.6	9.5	2.5	11.1	3.8	8.3	10.0	9.5	na	7.7	10.7	
1995	8.1	8.8	7.3	8.7	1.8	9.1	6.0	5.4	6.9	9.0	na	7.4	15.9	
2000	7.4	8.1	6.5	8.3	1.8	8.8	11.5	6.4	9.0	8.3	na	6.2	14.3	
2005	6.9	7.5	6.3	8.2	1.5	6.4	11.8	8.7	8.9	8.0	10.6	12.5	9.8	
2010	8.9	9.5	8.2	10.3	2.4	9.7	D	9.9	13.4	10.0	D	8.6	10.1	
2015	7.1	7.5	6.7	8.7	1.7	8.2	D	8.4	11.2	8.6	8.0	D	13.3	
2020	7.7	7.9	7.6	10.1	1.5	10.0	14.9	7.3	13.2	9.9	11.1	13.1	9.6	
Industry or business (%) ^{d,e}														
1990	21.9	27.7	13.5	20.3	38.1	12.3	13.5	44.3	5.4	20.3	na	38.5	22.6	
1995	21.7	29.1	12.7	19.6	45.6	15.1	14.9	49.0	6.6	17.9	na	24.1	23.8	
2000	26.0	34.6	16.0	20.8	58.4	17.5	8.0	48.1	12.0	19.8	na	26.7	23.4	
2005	22.8	30.6	14.3	16.9	48.5	12.0	16.2	35.8	8.1	16.6	13.7	14.3	22.5	
2010	23.3	30.9	15.2	18.3	47.4	16.0	18.2	35.4	10.8	17.4	21.4	20.4	21.3	
2015	32.4	41.9	21.2	24.0	62.4	23.2	D	43.2	12.7	23.3	22.6	D	18.3	
2020	40.0	49.5	29.2	30.2	66.9	24.6	14.9	50.7	21.1	29.3	34.6	25.2	24.7	
Nonprofit organization (%) ^d														
1990	6.7	6.1	7.6	7.2	2.1	8.6	5.8	4.9	6.3	7.3	na	3.8	6.0	
1995	6.3	6.3	6.3	6.6	2.6	5.1	1.5	4.4	4.4	7.1	na	3.7	4.8	
2000	5.9	5.0	7.0	6.5	2.5	5.2	4.6	5.8	5.4	6.7	na	5.5	0.0	
2005	5.3	4.6	6.0	6.0	2.2	6.1	8.8	5.8	5.4	6.0	6.2	6.3	6.9	

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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	
2010	5.2	4.8	5.7	5.7	3.0	5.6	D	5.5	6.5	5.6	D	4.3	4.8
2015	6.1	4.9	7.5	7.1	2.5	7.0	D	7.6	8.0	7.0	7.0	D	11.7
2020	6.0	5.2	7.0	7.3	2.5	7.0	D	6.7	7.4	7.4	D	6.5	11.0
Other or unknown (%) ^{d,f}													
1990	11.1	8.5	14.8	11.9	3.3	10.8	13.5	3.1	23.2	11.7	na	7.7	7.1
1995	11.4	8.7	14.8	12.1	4.2	11.4	14.9	4.0	23.6	12.2	na	7.4	3.2
2000	12.0	8.5	16.2	13.4	3.6	12.3	13.8	5.2	21.4	13.5	na	10.3	5.2
2005	10.7	7.8	13.9	12.7	2.1	13.7	10.3	3.6	21.5	12.6	11.2	17.9	9.8
2010	10.0	7.7	12.5	11.2	3.3	12.9	11.4	5.6	20.0	11.0	8.4	3.2	8.7
2015	5.8	4.2	7.8	7.2	1.0	7.4	13.2	3.3	14.5	7.0	5.3	4.0	3.3
2020	6.6	4.4	9.1	8.6	1.0	9.3	D	4.5	14.6	8.4	D	13.1	12.3

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.**Source(s):**

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