

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, 1997–2017

(Number and percent)

Employment commitment, sector, 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	Black or African American	White	More than one race	Other race or race not reported		
All U.S. employment commitments (number)														
1997	16,065	9,111	6,950	14,194	1,854	536	97	1,065	716	11,499	na	211	70	
2002	16,287	8,533	7,754	13,769	2,506	668	84	800	833	10,917	121	166	180	
2007	16,990	8,902	8,088	13,000	3,954	686	D	774	864	10,156	207	109	143	
2012	15,376	8,208	7,167	12,065	3,261	694	D	831	724	9,314	264	78	110	
2017	17,743	9,448	8,295	13,491	4,182	898	41	1,121	944	9,969	365	107	46	
Academe (%) ^b														
1997	45.8	39.6	53.8	47.9	29.1	56.9	41.2	28.9	54.1	49.0	na	49.3	38.6	
2002	52.3	47.4	57.6	54.4	40.7	59.4	60.7	35.0	52.6	55.4	59.5	59.0	56.7	
2007	51.1	45.0	57.8	55.3	37.1	59.6	49.2	41.2	54.9	56.2	58.0	62.4	47.6	
2012	50.5	44.1	57.8	54.7	35.1	60.7	D	39.6	D	56.1	D	50.0	48.2	
2017	46.4	38.8	55.1	50.8	32.2	55.3	51.2	39.0	51.9	51.7	48.8	48.6	54.3	
Government (%) ^b														
1997	7.3	8.7	5.6	8.1	1.7	6.5	9.3	5.6	8.2	8.3	na	6.6	17.1	
2002	7.3	8.4	6.2	8.3	2.0	9.3	8.3	7.3	7.0	8.4	10.7	10.8	7.8	
2007	6.0	6.6	5.4	7.4	1.6	7.3	19.7	5.8	7.5	7.3	9.7	8.3	7.7	
2012	7.3	7.9	6.6	8.8	1.7	D	12.0	7.6	11.7	D	11.0	14.1	10.0	
2017	7.2	7.4	7.0	9.2	0.9	10.5	D	7.1	13.0	8.9	D	13.1	13.0	
Industry or business (%) ^{b,c}														
1997	26.7	35.3	15.5	22.1	61.9	15.7	19.6	50.4	11.0	20.5	na	21.8	24.3	
2002	24.0	31.9	15.4	18.8	52.7	13.9	10.7	49.8	12.0	17.4	17.4	18.7	19.4	
2007	27.1	36.6	16.7	18.4	55.8	13.0	D	42.4	10.5	17.7	D	17.4	18.2	
2012	29.1	38.3	18.5	21.3	58.2	D	D	D	D	20.4	D	19.2	23.6	
2017	34.7	44.8	23.3	26.2	62.3	22.6	29.3	44.7	14.1	25.5	29.0	26.2	23.9	
Nonprofit organization (%) ^b														
1997	5.6	5.1	6.3	6.1	2.3	5.0	6.2	3.9	4.9	6.4	na	6.6	5.7	
2002	5.7	5.0	6.6	6.3	2.6	6.4	7.1	4.5	6.6	6.5	2.5	5.4	3.9	
2007	4.4	3.4	5.5	5.0	2.4	4.5	D	4.4	4.9	5.1	D	4.6	7.0	
2012	5.6	4.5	6.8	6.4	2.5	D	D	D	D	D	6.8	6.4	5.5	
2017	6.3	5.4	7.3	7.2	3.4	5.1	D	6.6	8.7	7.3	D	5.6	4.3	
Other or unknown (%) ^{b,d}														
1997	14.5	11.3	18.8	15.8	5.1	15.9	23.7	11.1	21.8	15.8	na	15.6	14.3	
2002	10.6	7.4	14.1	12.2	2.0	10.9	13.1	3.5	21.8	12.2	9.9	6.0	12.2	
2007	11.4	8.3	14.8	13.9	3.1	15.6	18.0	6.2	22.2	13.7	13.0	7.3	19.6	
2012	7.5	5.2	10.2	8.8	2.5	9.5	4.0	4.3	19.3	8.4	6.1	10.3	12.7	
2017	5.4	3.7	7.3	6.6	1.3	6.5	D	2.6	12.3	6.6	D	6.5	4.3	

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(Number and percent)

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 Percentages based on number reporting definite employment commitments and sector.

^c Includes doctorate recipients who indicated self-employment.

^d "Other" is mainly composed of elementary and secondary schools.

Source(s)

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