

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, 1998–2018

(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	Black or African American	White	More than one race	Other race or race not reported		
All U.S. employment commitments (number)														
1998	16,603	9,334	7,266	14,568	2,022	590	85	957	754	11,909	na	151	122	
2003	15,636	8,097	7,539	13,424	2,192	681	66	717	852	10,674	156	131	147	
2008	17,273	9,001	8,272	13,283	3,961	644	D	843	849	10,407	D	123	160	
2013	15,033	8,133	6,900	11,774	3,200	603	37	802	750	9,155	259	88	80	
2018	18,922	10,161	8,761	14,132	4,727	973	54	1,124	1,053	10,260	458	139	71	
Academe (%) ^b														
1998	45.7	39.6	53.6	48.1	28.9	55.8	52.9	27.3	49.7	49.2	na	49.0	46.7	
2003	54.4	50.4	58.6	54.9	51.1	58.7	48.5	42.0	54.0	55.5	60.9	53.4	59.2	
2008	51.1	44.6	58.2	55.0	37.8	56.7	D	41.9	51.2	56.5	D	53.7	51.3	
2013	50.2	43.2	58.6	54.5	34.8	57.0	62.2	42.3	54.0	55.6	54.8	45.5	45.0	
2018	43.2	36.8	50.6	47.5	30.3	54.0	59.3	35.3	43.9	48.5	51.1	38.8	46.5	
Government (%) ^b														
1998	7.1	8.2	5.8	7.9	1.6	7.1	D	6.7	7.7	8.1	na	D	12.3	
2003	7.5	8.6	6.3	8.5	1.6	7.0	D	9.6	8.8	8.4	D	11.5	5.4	
2008	6.2	6.8	5.6	7.7	1.5	6.5	D	7.9	9.9	7.4	D	6.5	6.9	
2013	7.5	8.2	6.8	9.2	1.4	9.6	D	7.0	11.7	9.2	6.9	D	10.0	
2018	6.8	7.0	6.5	8.7	1.2	8.7	9.3	7.4	13.7	8.2	10.3	9.4	9.9	
Industry or business (%) ^{b,c}														
1998	28.7	38.1	16.7	23.9	63.8	14.2	16.5	52.7	12.9	22.7	na	25.8	24.6	
2003	20.8	27.7	13.3	17.2	42.4	12.5	16.7	38.1	10.3	16.8	13.5	19.8	12.2	
2008	27.0	36.5	16.7	18.4	55.8	15.8	D	40.0	10.7	17.4	D	19.5	19.4	
2013	30.1	39.4	19.1	21.9	60.1	19.1	D	41.6	13.6	21.0	22.4	D	22.5	
2018	36.8	46.1	26.0	27.8	63.8	21.2	D	45.6	17.6	27.7	24.5	D	26.8	
Nonprofit organization (%) ^b														
1998	5.3	4.3	6.5	5.7	2.1	5.6	D	5.2	4.5	5.8	na	D	3.3	
2003	6.0	5.4	6.6	6.5	2.7	6.6	D	6.6	5.0	6.7	D	6.1	4.1	
2008	4.7	4.0	5.5	5.4	2.4	5.9	D	5.0	6.6	5.3	D	6.5	6.3	
2013	5.6	4.5	6.8	6.4	2.5	6.0	13.5	5.5	6.1	6.4	8.1	10.2	12.5	
2018	6.4	5.2	7.7	7.4	3.0	6.5	D	7.7	8.5	7.4	7.0	D	2.8	
Other or unknown (%) ^{b,d}														
1998	13.1	9.9	17.3	14.5	3.6	17.3	18.8	8.2	25.2	14.2	na	13.2	13.1	
2003	11.4	7.9	15.1	12.9	2.2	15.1	16.7	3.8	21.8	12.6	12.2	9.2	19.0	
2008	11.0	8.2	14.0	13.5	2.5	15.1	D	5.2	21.6	13.5	D	13.8	16.3	
2013	6.6	4.8	8.8	8.0	1.3	8.3	5.4	3.6	14.5	7.8	7.7	14.8	10.0	

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, 1998–2018

(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	Black or African American	White	More than one race	Other race or race not reported	
2018	6.8	4.8	9.2	8.6	1.6	9.7	7.4	4.0	16.3	8.1	7.2	10.8	14.1

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