

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, 1999–2019

(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)														
1999	16,267	9,033	7,234	14,236	2,020	561	90	871	848	11,649	na	149	68	
2004	14,870	7,656	7,214	12,539	2,314	553	64	644	896	9,910	162	150	160	
2009	17,179	8,912	8,267	13,620	3,529	711	46	838	916	10,439	250	131	289	
2014	14,802	8,005	6,797	11,477	3,280	625	D	782	705	8,925	274	D	60	
2019	19,424	10,396	9,027	14,316	5,043	1,031	51	1,260	1,161	10,173	435	137	68	
Academe (%) ^b														
1999	48.8	43.3	55.6	50.8	34.3	58.3	53.3	34.8	55.3	51.3	na	51.7	50.0	
2004	56.1	51.6	60.8	56.9	51.8	61.8	53.1	45.7	52.6	57.7	64.2	55.3	53.1	
2009	51.8	45.7	58.3	54.6	40.9	56.1	41.3	45.5	51.5	55.6	60.0	51.9	50.9	
2014	49.2	41.8	58.0	53.8	33.4	55.5	69.7	39.1	51.2	55.1	56.6	38.4	53.3	
2019	41.3	34.3	49.3	45.2	30.3	48.4	47.1	33.1	45.0	46.5	43.4	46.7	36.8	
Government (%) ^b														
1999	7.5	8.4	6.5	8.4	1.5	8.2	8.9	5.7	7.8	8.6	na	10.1	8.8	
2004	7.4	8.4	6.2	8.4	2.0	7.4	6.3	6.7	9.5	8.3	9.9	9.3	13.1	
2009	6.7	7.2	6.2	8.1	1.5	8.0	17.4	8.0	8.7	7.9	7.2	9.2	10.7	
2014	7.3	7.7	6.8	8.9	1.8	9.3	D	7.2	14.0	8.6	9.5	D	8.3	
2019	7.2	7.5	6.9	9.3	1.2	8.7	15.7	7.7	12.0	9.3	10.3	3.6	11.8	
Industry or business (%) ^{b,c}														
1999	27.5	36.0	16.9	23.0	59.7	17.3	13.3	49.7	12.0	22.0	na	22.8	32.4	
2004	18.9	26.0	11.4	15.0	39.9	15.2	9.4	36.8	8.1	14.2	15.4	22.0	12.5	
2009	25.7	34.6	16.2	18.7	52.9	16.3	19.6	35.8	11.6	17.9	18.0	22.9	23.9	
2014	32.2	42.3	20.3	23.7	61.9	20.8	15.2	43.6	14.5	22.9	20.8	41.1	23.3	
2019	38.5	48.4	27.1	29.5	63.8	26.3	15.7	48.0	17.6	29.0	29.9	29.9	32.4	
Nonprofit organization (%) ^b														
1999	5.4	4.6	6.4	5.9	2.3	4.3	7.8	5.6	4.4	6.1	na	6.7	2.9	
2004	5.7	5.6	5.7	6.1	3.5	4.0	3.1	6.1	6.0	6.3	2.5	7.3	7.5	

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2009	4.7	4.3	5.1	5.3	2.3	3.9	D	4.8	5.7	5.4	6.4	D	4.2
2014	5.4	4.2	6.8	6.3	2.0	6.2	D	5.5	6.8	6.4	5.8	D	5.0
2019	6.3	5.0	7.9	7.6	2.8	8.1	11.8	6.4	10.4	7.3	8.3	6.6	4.4
Other or unknown (%) ^{b,d}													
1999	10.8	7.7	14.6	12.0	2.2	11.9	16.7	4.1	20.5	12.0	na	8.7	5.9
2004	11.9	8.3	15.8	13.6	2.8	11.6	28.1	4.8	23.8	13.5	8.0	6.0	13.8
2009	11.1	8.2	14.2	13.3	2.5	15.6	D	6.0	22.5	13.2	8.4	D	10.4
2014	5.9	4.0	8.1	7.3	0.9	8.2	D	4.6	13.5	7.0	7.3	D	10.0
2019	6.7	4.8	8.9	8.3	1.9	8.4	9.8	4.8	15.1	7.9	8.0	13.1	14.7

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.