

Table 43

Postgraduation commitment of doctorate recipients, by sex, citizenship status, ethnicity, and race: Selected years, 1990–2020

(Number and percent)

Commitment status 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					More than one race	Other race or race not reported ^c	
							American Indian or Alaska Native	Asian ^b	Black or African American	White				
All doctorate recipients (number)														
1990	36,065	22,960	13,104	26,619	8,140	840	96	1,306	1,048	22,878	na	132	319	
1995	41,747	25,160	16,416	32,062	8,831	1,065	147	4,297	1,461	24,683	na	170	239	
2000	41,369	23,165	18,131	29,952	9,667	1,310	169	2,274	1,749	23,714	na	370	366	
2005	43,385	23,737	19,582	27,945	12,832	1,435	137	2,155	1,741	21,208	395	306	568	
2010	48,028	25,524	22,488	31,602	13,636	1,842	117	2,738	1,939	23,100	654	272	940	
2015	54,886	29,532	25,347	35,071	16,129	2,449	131	3,072	2,275	25,375	903	249	617	
2020	55,283	29,886	25,392	34,492	18,482	2,851	97	3,218	2,458	23,944	1,136	353	435	
All responses to postgraduation commitment														
1990	32,708	20,690	12,017	25,364	7,331	789	90	1,191	956	22,011	na	113	214	
1995	37,977	22,959	15,013	29,963	8,005	982	138	3,895	1,299	23,363	na	134	152	
2000	37,743	21,175	16,568	28,602	9,101	1,236	162	2,161	1,632	22,895	na	347	169	
2005	38,913	21,319	17,590	26,680	12,167	1,357	132	2,084	1,646	20,591	384	277	209	
2010	43,833	23,339	20,493	30,597	13,008	1,782	113	2,678	1,881	22,698	650	253	542	
2015	49,002	26,424	22,578	33,609	15,278	2,327	121	3,006	2,161	24,708	896	219	171	
2020	50,505	27,352	23,153	32,895	17,449	2,719	84	3,106	2,318	23,127	1,128	267	146	
Definite commitment for employment or postdoctoral study (%) ^d														
1990	71.6	72.0	70.8	73.7	64.1	67.9	65.6	63.1	69.8	74.8	na	70.8	64.5	
1995	65.8	65.2	66.7	67.6	58.9	66.0	68.1	56.8	67.9	69.5	na	61.2	66.4	
2000	71.2	72.5	69.5	72.3	67.7	71.4	72.8	66.4	67.7	73.4	na	64.3	65.1	
2005	70.5	71.3	69.5	72.4	66.2	69.9	68.2	65.9	66.8	73.9	64.6	69.7	70.8	
2010	68.1	69.6	66.3	68.8	66.3	66.1	66.4	61.8	63.4	70.4	69.4	65.6	66.1	
2015	62.0	63.2	60.6	63.5	58.7	57.2	57.9	56.8	55.5	65.7	62.3	66.7	62.6	
2020	70.0	70.6	69.2	69.8	70.1	68.0	75.0	66.6	65.3	71.1	67.1	64.4	66.4	
No definite commitment for employment or postdoctoral study (%) ^{d,e}														
1990	28.4	28.0	29.2	26.3	35.9	32.1	34.4	36.9	30.2	25.2	na	29.2	35.5	
1995	34.2	34.8	33.3	32.4	41.1	34.0	31.9	43.2	32.1	30.5	na	38.8	33.6	
2000	28.8	27.5	30.5	27.7	32.3	28.6	27.2	33.6	32.3	26.6	na	35.7	34.9	
2005	29.5	28.7	30.5	27.6	33.8	30.1	31.8	34.1	33.2	26.1	35.4	30.3	29.2	
2010	31.9	30.4	33.7	31.2	33.7	33.9	33.6	38.2	36.6	29.6	30.6	34.4	33.9	
2015	38.0	36.8	39.4	36.5	41.3	42.8	42.1	43.2	44.5	34.3	37.7	33.3	37.4	

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		Male	Female	U.S. citizen or permanent resident	Temporary visa holder	Hispanic or Latino	Not Hispanic or Latino					More than one race		Other race or race not reported ^c
							American Indian or Alaska Native	Asian ^b	Black or African American	White				
2020	30.0	29.4	30.8	30.2	29.9	32.0	25.0	33.4	34.7	28.9	32.9	35.6	33.6	

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 status.^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 responding to the survey item on postgraduation commitment.^e Includes respondents who indicated "other" in all years, respondents who indicated "do not plan to work or study" in 2004 and later years, and respondents who indicated definite plans for "other full-time degree program" in 2007 and later years.**Source(s):**

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