

Table 43**Postgraduation commitment of doctorate recipients, by sex, citizenship status, ethnicity, and race: Selected years, 1999–2019**

(Number and percent)

Commitment status 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 doctorate recipients (number)														
1999	41,100	23,438	17,485	30,312	9,060	1,328	214	2,497	1,765	23,901	na	352	255	
2004	42,122	22,965	19,155	28,040	11,628	1,302	125	2,022	1,897	21,011	386	402	895	
2009	49,552	26,331	23,187	32,327	14,736	1,880	132	2,612	2,168	23,616	646	338	935	
2014	53,986	29,008	24,813	34,003	15,839	2,190	103	2,881	2,172	24,829	879	272	677	
2019	55,703	30,151	25,542	35,274	18,351	2,848	120	3,421	2,512	24,248	1,121	381	623	
All responses to postgraduation commitment														
1999	37,198	21,372	15,823	28,714	8,422	1,169	197	2,366	1,614	22,872	na	340	156	
2004	37,931	20,719	17,212	26,882	10,984	1,264	119	1,976	1,824	20,632	384	344	339	
2009	44,926	23,936	20,986	31,092	13,747	1,765	124	2,524	2,032	23,043	638	297	669	
2014	48,214	25,952	22,262	32,970	15,117	2,107	96	2,836	2,127	24,503	875	247	179	
2019	50,905	27,657	23,247	33,492	17,235	2,690	105	3,299	2,377	23,467	1,112	295	147	
Definite commitment for employment or postdoctoral study (%) ^b														
1999	69.9	71.0	68.5	70.9	66.8	68.5	64.0	66.5	66.5	72.0	na	65.9	62.2	
2004	70.0	70.7	69.2	71.6	66.1	69.9	71.4	65.1	67.2	72.9	66.9	69.2	69.0	
2009	69.5	70.6	68.2	70.3	67.7	68.4	59.7	61.5	63.9	72.1	68.7	69.0	70.4	
2014	61.4	62.4	60.2	62.7	58.5	57.9	62.5	53.9	53.3	65.1	60.7	59.5	58.1	
2019	69.0	69.8	68.1	69.0	69.1	66.1	74.3	64.4	64.7	70.4	68.5	67.8	66.0	
No definite commitment for employment or postdoctoral study (%) ^{b,c}														
1999	30.1	29.0	31.5	29.1	33.2	31.5	36.0	33.5	33.5	28.0	na	34.1	37.8	
2004	30.0	29.3	30.8	28.4	33.9	30.1	28.6	34.9	32.8	27.1	33.1	30.8	31.0	
2009	30.5	29.4	31.8	29.7	32.3	31.6	40.3	38.5	36.1	27.9	31.3	31.0	29.6	
2014	38.6	37.6	39.8	37.3	41.5	42.1	37.5	46.1	46.7	34.9	39.3	40.5	41.9	

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2019	31.0	30.2	31.9	31.0	30.9	33.9	25.7	35.6	35.3	29.6	31.5	32.2	34.0

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 Percentages based on number responding to the survey item on postgraduation commitment.^c 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.