

**Table 45****Postgraduation plans of doctorate recipients with definite commitments, by sex, citizenship status, ethnicity, and race: Selected years, 1999–2019**

(Number and percent)

Definite commitment, plan, and year	Total <sup>a</sup>	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 definite commitments (number)													
1999	26,007	15,167	10,838	20,356	5,624	801	126	1,573	1,074	16,461	na	224	97
2004	26,561	14,652	11,909	19,257	7,263	884	85	1,286	1,225	15,048	257	238	234
2009	31,208	16,887	14,319	21,853	9,300	1,207	74	1,551	1,299	16,608	438	205	471
2014	29,605	16,193	13,412	20,684	8,842	1,221	60	1,529	1,133	15,959	531	147	104
2019	35,134	19,299	15,834	23,103	11,911	1,779	78	2,125	1,537	16,525	762	200	97
Reported type of plan													
1999	25,776	15,056	10,719	20,181	5,577	793	125	1,561	1,063	16,324	na	220	95
2004	25,874	14,262	11,612	18,746	7,094	854	81	1,234	1,182	14,693	248	232	222
2009	30,401	16,484	13,915	21,257	9,090	1,157	72	1,504	1,247	16,185	429	202	461
2014	27,144	14,910	12,234	18,811	8,256	1,082	52	1,411	998	14,554	478	137	99
2019	35,090	19,272	15,817	23,079	11,892	1,776	78	2,122	1,537	16,508	761	200	97
Employment (%) <sup>b</sup>													
1999	69.9	68.0	72.5	72.4	60.6	73.5	76.0	59.8	81.5	73.0	na	70.5	73.7
2004	64.8	62.2	68.0	68.6	54.5	66.2	79.0	56.2	76.7	69.1	66.5	67.2	73.9
2009	62.1	60.5	64.0	65.6	54.0	62.8	65.3	58.4	74.6	65.9	59.2	66.3	65.9
2014	60.6	60.5	60.7	62.6	55.8	59.1	67.3	58.6	71.6	62.8	59.0	56.2	68.7
2019	61.6	61.4	61.9	63.3	58.4	59.1	66.7	61.4	75.9	62.8	59.1	71.5	73.2
Postdoctoral study (%) <sup>b</sup>													
1999	30.1	32.0	27.5	27.6	39.4	26.5	24.0	40.2	18.5	27.0	na	29.5	26.3
2004	35.2	37.8	32.0	31.4	45.5	33.8	21.0	43.8	23.3	30.9	33.5	32.8	26.1
2009	37.9	39.5	36.0	34.4	46.0	37.2	34.7	41.6	25.4	34.1	40.8	33.7	34.1
2014	39.4	39.5	39.3	37.4	44.2	40.9	32.7	41.4	28.4	37.2	41.0	43.8	31.3
2019	38.4	38.6	38.1	36.7	41.6	40.9	33.3	38.6	24.1	37.2	40.9	28.5	26.8

na = not applicable; respondents were instructed to indicate only one race.

<sup>a</sup> Includes respondents who did not report sex and respondents who did not report citizenship status.<sup>b</sup> Percentages based on number reporting definite commitments and type of plan (employment or postdoctoral study).

**Source(s):**

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