Table 9-19

Postgraduation plans of research doctorate recipients, by ethnicity, race, and citizenship status: 2022

(Number and percent)

Characteristic	Total[a]	U.S. citizen	Non-U.S. citizen	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			
				U.S. citizen	Non-U.S. citizen	U.S. citizen	Non-U.S. citizen	U.S. citizen	Non-U.S. citizen	U.S. citizen	Non-U.S. citizen	U.S. citizen	Non-U.S. citizen	U.S. citizen	Non-U.S. citizen	U.S. citizen	Non-U.S. citizen	U.S. citizen	Non-U.S. citizen
All doctorate recipients (number)	52,232	33,465	18,521	3,202	1,240	83	8	3,424	12,597	2,522	721	22,561	3,475	1,191	121	301	218	181	141
Definite postdoctoral training plans	28.1	27.0	30.1	28.2	34.4	28.9	D	26.0	30.9	18.4	20.9	27.9	28.0	31.5	D	21.3	24.3	17.7	24.8
Definite employment plans	44.9	45.4	43.8	43.8	40.1	51.8	D	42.3	44.0	52.0	44.8	45.6	43.5	42.1	D	40.9	53.2	46.4	51.8
Seeking employment or study	23.5	23.3	23.9	23.5	23.4	9.6	D	25.6	23.3	24.9	32.2	22.9	25.2	20.4	D	27.6	16.5	24.9	17.7
Other status[b]	3.4	4.1	2.1	4.3	1.9	8.4	0.0	5.9	1.8	4.5	1.8	3.5	3.1	5.6	3.3	9.6	6.0	9.9	5.7
Definite employment plans (%)[c]																			
Academe	34.7	37.4	29.6	41.3	46.3	48.8	D	26.2	25.8	40.0	31.3	38.3	36.7	34.7	D	36.6	D	25.0	17.8
In tenure track faculty position (%)	43.5	35.2	63.1	39.0	58.3	57.1	D	44.2	67.2	41.9	47.5	32.5	57.3	42.5	D	33.3	D	33.3	53.8
Not in tenure track position (%)	53.6	62.6	32.3	59.4	37.0	38.1	D	52.9	29.6	55.2	47.5	65.4	35.5	56.9	17.9	64.4	D	52.4	15.4
Government	7.0	9.3	2.9	7.7	3.4	D	D	6.4	2.4	12.7	6.5	9.3	2.9	11.0	D	D	D	10.7	8.2
Industry or business[d]	46.0	37.6	61.7	34.6	42.9	16.3	D	56.6	67.5	24.4	49.2	37.1	52.3	37.5	38.2	33.3	D	41.7	56.2
Nonprofit organization	6.5	8.1	3.6	8.8	4.2	D	D	7.0	2.8	10.5	10.8	7.9	4.4	9.8	D	D	D	4.8	4.1
Other or unknown[e]	5.8	7.6	2.2	7.6	3.2	14.0	0.0	3.8	1.5	12.3	2.2	7.4	3.7	7.2	0.0	6.5	7.8	17.9	13.7
Postgraduation location (%)[f]																			
United States	91.4	98.3	78.3	98.4	72.4	D	D	97.5	82.6	99.5	74.9	98.3	68.1	97.8	43.6	D	D	98.8	76.7
Outside the United States	8.5	1.7	21.5	1.5	27.6	D	D	2.4	17.2	0.5	24.5	1.7	31.7	2.2	D	D	D	0.0	19.2
Location unknown	0.1	*	0.2	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.6	*	0.2	0.0	0.0	0.0	0.0	1.2	4.1
Postgraduation location in same state as doctorate institution (%)	24.3	30.2	13.9	32.6	14.5	31.3	D	26.9	12.8	33.2	13.5	30.1	17.5	27.6	12.8	24.1	D	38.8	15.7

* = value between 0.00% and 0.05%; D = suppressed to avoid disclosure of confidential information.

[a] Includes doctorate recipients who did not report citizenship status.
[b] Includes doctorate recipients reporting: no plans to work or study, some other type of postgraduation plans, or definite plans for other full-time degree program.
[c] Percentages based on number of doctorate recipients reporting definite postgraduation plans for employment.
[d] Includes doctorate recipients reporting self-employment.
[e] Other is mainly composed of elementary and secondary schools.
[f] Percentages based on number of doctorate recipients reporting definite postgraduation plans and type of plans.

Note(s):
U.S. citizen refers to U.S. citizens and permanent residents. Non-U.S. citizen refers to temporary visa holders. A definite postgraduation commitment includes accepting new employment or a postdoctoral study (postdoc) position or returning to predoctoral employment, while postgraduation employment includes accepting new employment or returning to predoctoral employment that is not a postdoctoral study (postdoc) position. Due to rounding, percentages may not sum to 100.

Source(s):
National Center for Science and Engineering Statistics, Survey of Earned Doctorates.