

TABLE 9-19

Postgraduation plans of research doctorate recipients, by ethnicity, race, and citizenship status: 2023

(Number and percent)

Characteristic	Total ^a	U.S. citizen	Temp. visa holder	Not Hispanic or Latino														Ethnicity not reported	
				Hispanic or Latino		American Indian or Alaska Native		Asian		Black or African American		White		More than one race		Other race or race not reported			
				U.S. citizen	Temp. visa holder	U.S. citizen	Temp. visa holder	U.S. citizen	Temp. visa holder	U.S. citizen	Temp. visa holder	U.S. citizen	Temp. visa holder	U.S. citizen	Temp. visa holder	U.S. citizen	Temp. visa holder	U.S. citizen	Temp. visa holder
All doctorate recipients (number)	52,109	33,702	18,143	3,255	1,314	94	D	3,697	12,570	2,597	709	22,255	3,079	1,283	120	335	D	186	143
Definite postdoctoral training plans	26.9	25.4	29.8	27.3	31.1	21.3	D	24.8	30.2	17.5	22.4	25.9	30.0	32.0	D	20.3	24.0	17.2	25.9
Definite employment plans	46.6	46.9	46.1	43.9	42.5	59.6	D	44.8	46.7	53.4	46.4	47.1	44.7	41.9	D	44.2	48.5	52.7	56.6
Seeking employment or study	23.5	24.3	22.3	24.9	24.3	17.0	D	25.2	21.7	25.1	28.8	24.0	22.7	21.9	25.8	28.7	D	22.0	14.0
Other status ^b	2.8	3.4	1.7	3.9	1.8	2.1	D	5.1	1.4	3.9	1.8	2.8	2.4	4.1	1.7	6.9	D	8.1	3.5
Definite employment plans (%) ^c																			
Academe	35.8	38.6	30.5	39.7	45.0	51.8	D	28.7	26.6	38.9	37.7	39.9	38.1	39.8	55.3	38.5	D	35.7	30.9
In tenure track faculty position (%)	44.5	35.7	65.7	40.4	62.5	37.9	D	47.9	67.8	39.0	66.1	33.1	61.0	37.4	73.1	38.6	D	25.7	52.0
Not in tenure track position (%)	53.0	62.6	30.2	57.8	34.3	58.6	D	50.4	28.7	58.4	32.3	65.3	33.3	60.3	23.1	56.1	D	74.3	32.0
Government	7.0	9.2	3.0	9.4	5.9	8.9	D	7.5	2.2	11.9	4.3	9.1	4.5	8.0	D	6.8	D	12.2	3.7
Industry or business ^d	45.1	36.6	61.2	33.9	41.0	21.4	D	52.8	66.8	25.1	49.2	35.9	50.2	39.6	40.4	39.9	D	30.6	51.9
Nonprofit organization	6.4	8.0	3.5	7.8	5.9	8.9	D	7.3	3.0	11.4	6.1	7.6	4.6	8.9	0.0	4.7	D	6.1	2.5
Other or unknown ^e	5.6	7.6	1.8	9.2	2.2	8.9	D	3.6	1.4	12.7	2.7	7.4	2.5	3.7	0.0	10.1	D	15.3	11.1
Postgraduation location (%) ^f																			
United States	92.4	98.6	80.9	99.0	74.6	100.0	D	97.9	84.6	99.3	84.8	98.6	69.0	98.0	53.2	97.3	D	96.9	79.0
Outside the United States	7.5	1.4	19.1	1.0	25.3	0.0	D	2.1	15.3	0.6	15.2	1.4	30.9	2.0	D	2.7	37.4	3.1	21.0
Location unknown	0.1	*	0.1	0.0	0.2	0.0	D	0.0	0.1	0.1	0.0	*	0.1	0.0	0.0	0.0	D	0.0	0.0
Postgraduation location in same state as doctorate institution (%)	24.9	31.4	13.6	32.0	15.8	43.4	D	28.9	12.8	36.9	15.8	31.3	15.6	25.9	14.9	30.1	D	33.8	11.9

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

^a Total includes doctorate recipients who did not report citizenship status.

^b Other status 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 are based on the number of doctorate recipients reporting definite postgraduation plans for employment.

^d Industry or business includes doctorate recipients reporting self-employment.

^e Other is mainly composed of elementary and secondary schools.

^f Percentages are based on the 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.