

TABLE 9-18

Other non-science and engineering research doctorate recipients, postgraduation plans by sex and major field of doctorate: 2023

(Number and percent)

Characteristic	All other non-science and engineering fields	Communications and journalism	Multidisciplinary/interdisciplinary studies	Public administration and social services	Non-science and engineering, other
Doctorate recipients reporting postgraduation status (number)	1,944	557	324	468	595
Definite postdoctoral training plans	13.3	11.7	11.7	15.2	14.3
Definite employment plans	57.8	60.3	58.6	59.4	53.6
Seeking employment or study	26.2	25.9	26.5	23.9	28.2
Other status ^a	2.7	2.2	3.1	1.5	3.9
Definite postdoctoral training plans (%) ^b					
Postdoc fellowship or research associateship	93.1	93.8	86.8	97.2	91.8
Other training or unknown ^c	6.9	6.2	13.2	2.8	8.2
Definite employment plans (%) ^d					
Academe	61.0	76.8	58.9	48.6	56.4
In tenure track faculty position (%)	54.7	58.9	23.2	65.9	60.0
Not in tenure track position (%)	44.1	39.5	75.0	34.1	38.9
Government	9.2	4.2	6.3	14.4	11.6
Industry or business ^e	15.1	9.8	16.8	16.2	18.8
Nonprofit organization	8.8	6.3	7.9	13.3	8.2
Other or unknown ^f	5.9	3.0	10.0	7.6	5.0
Primary activity ^g					
Research and development	26.1	22.9	9.9	36.2	30.5
Teaching	44.2	61.9	46.7	26.1	39.3
Management or administration	7.8	3.1	18.1	7.8	6.6
Professional services and other	21.9	12.1	25.3	30.0	23.6
Secondary activity ^g					
Research and development	37.9	50.2	28.6	28.0	38.7
Teaching	16.1	13.3	12.6	24.1	14.4
Management or administration	13.2	7.7	11.0	21.8	13.1
Professional services and other	6.8	7.1	8.2	3.9	8.2
No secondary activity	26.0	21.7	39.6	22.2	25.6
Activity unknown	5.0	3.9	4.2	7.6	4.4
Postgraduation location (%) ^h					
United States ⁱ	90.8	92.5	91.7	91.7	87.9
Midwest	17.7	18.5	17.5	19.2	15.8
Northeast	19.3	15.7	22.8	22.1	18.6
South	34.7	37.4	30.3	33.2	35.9
West	17.8	19.0	20.6	16.0	16.6
Outside the United States	9.0	7.5	8.3	8.0	11.9
Location unknown	0.1	0.0	0.0	0.3	0.2
Postgraduation location in same state as doctorate institution (%)	36.8	29.4	52.2	39.3	33.4

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(Number and percent)

Characteristic	All other non-science and engineering fields	Communications and journalism	Multidisciplinary/interdisciplinary studies	Public administration and social services	Non-science and engineering, other
Male doctorate recipients reporting postgraduation status (number)	761	216	136	131	278
Definite postdoctoral training plans	12.2	12.0	11.0	13.0	12.6
Definite employment plans	59.8	62.5	58.1	60.3	58.3
Seeking employment or study	25.1	23.1	28.7	24.4	25.2
Other status ^a	2.9	2.3	2.2	2.3	4.0
Definite postdoctoral training plans (%) ^b					
Postdoc fellowship or research associateship	91.4	96.2	80.0	100.0	88.6
Other training or unknown ^c	8.6	3.8	20.0	0.0	11.4
Definite employment plans (%) ^d					
Academe	60.9	79.3	58.2	41.8	56.2
In tenure track faculty position (%)	56.3	62.6	19.6	78.8	59.3
Not in tenure track position (%)	41.9	35.5	78.3	21.2	38.5
Government	9.5	D	D	13.9	12.3
Industry or business ^e	16.5	11.1	12.7	20.3	21.0
Nonprofit organization	7.3	D	D	15.2	4.9
Other or unknown ^f	5.9	1.5	11.4	8.9	5.6
Primary activity ^g					
Research and development	24.6	D	D	32.9	32.7
Teaching	46.2	64.4	48.7	27.4	38.0
Management or administration	8.6	D	D	12.3	6.0
Professional services and other	20.6	12.9	22.4	27.4	23.3
Secondary activity ^g					
Research and development	39.2	53.8	23.7	30.1	38.7
Teaching	14.8	11.4	10.5	21.9	16.7
Management or administration	12.3	6.8	10.5	19.2	14.7
Professional services and other	8.8	D	13.2	D	10.0
No secondary activity	24.8	21.2	42.1	23.3	20.0
Activity unknown	5.3	2.2	3.8	7.6	7.4
Postgraduation location (%) ^h					
United States ⁱ	87.8	89.4	89.4	88.5	85.3
Midwest	18.6	21.7	20.2	17.7	15.7
Northeast	18.6	11.8	26.6	24.0	17.8
South	32.7	38.5	22.3	26.0	36.0
West	16.8	15.5	20.2	19.8	14.7
Outside the United States	12.0	10.6	10.6	11.5	14.2
Location unknown	0.2	0.0	0.0	0.0	0.5

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(Number and percent)

Characteristic	All other non-science and engineering fields	Communications and journalism	Multidisciplinary/interdisciplinary studies	Public administration and social services	Non-science and engineering, other
Postgraduation location in same state as doctorate institution (%)	35.8	31.1	52.1	40.6	29.4
Female doctorate recipients reporting postgraduation status (number)	1,183	341	188	337	317
Definite postdoctoral training plans	14.0	11.4	12.2	16.0	15.8
Definite employment plans	56.5	58.9	59.0	59.1	49.5
Seeking employment or study	27.0	27.6	25.0	23.7	30.9
Other status ^a	2.5	2.1	3.7	1.2	3.8
Definite postdoctoral training plans (%) ^b					
Postdoc fellowship or research associateship	94.0	92.3	91.3	96.3	94.0
Other training or unknown ^c	6.0	7.7	8.7	3.7	6.0
Definite employment plans (%) ^d					
Academe	61.1	75.1	59.5	51.3	56.7
In tenure track faculty position (%)	53.7	56.3	25.8	61.8	60.7
Not in tenure track position (%)	45.6	42.4	72.7	38.2	39.3
Government	9.0	D	D	14.6	10.8
Industry or business ^e	14.2	9.0	19.8	14.6	16.6
Nonprofit organization	9.9	D	D	12.6	11.5
Other or unknown ^f	5.8	4.0	9.0	7.0	4.5
Primary activity ^g					
Research and development	27.0	D	D	37.5	28.4
Teaching	42.9	60.2	45.3	25.5	40.6
Management or administration	7.2	D	D	6.0	7.1
Professional services and other	22.8	11.5	27.4	31.0	23.9
Secondary activity ^g					
Research and development	36.9	47.6	32.1	27.2	38.7
Teaching	17.0	14.7	14.2	25.0	12.3
Management or administration	13.8	8.4	11.3	22.8	11.6
Professional services and other	5.5	D	4.7	D	6.5
No secondary activity	26.7	22.0	37.7	21.7	31.0
Activity unknown	4.8	5.0	4.5	7.5	1.3
Postgraduation location (%) ^h					
United States ⁱ	92.8	94.6	93.3	92.9	90.3
Midwest	17.1	16.3	15.7	19.8	15.9
Northeast	19.8	18.3	20.1	21.3	19.3
South	36.1	36.7	35.8	36.0	35.7
West	18.5	21.3	20.9	14.6	18.4

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Other non-science and engineering research doctorate recipients, postgraduation plans by sex and major field of doctorate: 2023

(Number and percent)

Characteristic	All other non-science and engineering fields	Communications and journalism	Multidisciplinary/interdisciplinary studies	Public administration and social services	Non-science and engineering, other
Outside the United States	7.1	5.4	6.7	6.7	9.7
Location unknown	0.1	0.0	0.0	0.4	0.0
Postgraduation location in same state as doctorate institution (%)	37.5	28.3	52.2	38.7	37.2

D = suppressed to avoid disclosure of confidential information.

^a 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.

^b Definite postdoctoral training plans excludes doctorate recipients reporting plans for other full-time degree program. Percentages are based on the number of doctorate recipients reporting definite postdoctoral plans for study.

^c Other training includes doctorate recipients who reported definite postdoctoral plans for traineeship, internship or clinical residency, or other study.

^d Percentages are based on the number of doctorate recipients reporting definite postgraduation plans for employment.

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

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

^g Percentages are based on the number of doctorate recipients reporting definite postgraduation plans for employment and primary or secondary work activity.

^h Percentages are based on the number of doctorate recipients reporting definite postgraduation plans and type of plans.

ⁱ United States includes doctorate recipients with an unknown U.S. region of employment after doctorate; thus, the percentages by regions will not sum to the value for United States. See the "Technical Notes" for states or territories included in regions.

Note(s):

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. Beginning in 2021, a modified version of the 2020 Classification of Instructional Programs (CIP) codes was used in the survey data collection, and new broad, major, and detailed fields are used in tables reporting data from 2021 to the present; see the field list in table A-4. Therefore, the field of doctorate data prior to 2021 may not be comparable to subsequent years. For more information about the 2021 taxonomy change, see the "Technical Notes."

Source(s):

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