

Table 9-18

**Other non-science and engineering research doctorate recipients, postgraduation plans by sex and major field of doctorate: 2022**

(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)	1,902	530	336	421	615
Definite postdoctoral training plans	13.5	13.8	11.0	12.4	15.4
Definite employment plans	55.8	57.4	54.2	57.0	54.6
Seeking employment or study	26.8	24.9	29.2	27.8	26.5
Other status <sup>a</sup>	3.7	3.6	5.4	2.9	3.4
Definite postdoctoral training plans (%) <sup>b</sup>					
Postdoc fellowship or research associateship	98.4	98.6	100.0	98.1	97.9
Other training or unknown <sup>c</sup>	1.6	1.4	0.0	1.9	2.1
Definite employment plans (%) <sup>d</sup>					
Academe	62.1	78.3	51.6	47.9	63.1
In tenure track faculty position (%)	50.4	54.6	20.2	55.7	56.1
Not in tenure track position (%)	47.0	43.7	75.5	43.5	40.1
Government	8.3	3.3	4.9	15.4	9.5
Industry or business <sup>e</sup>	14.7	11.5	18.7	13.3	16.4
Nonprofit organization	8.1	3.6	7.1	17.1	6.3
Other or unknown <sup>f</sup>	6.9	3.3	17.6	6.3	4.8
Primary activity <sup>g</sup>					
Research and development	24.2	24.6	8.7	30.6	27.8
Teaching	42.7	60.2	42.4	20.5	43.0
Management or administration	16.2	6.6	30.2	25.8	10.4
Professional services and other	16.8	8.7	18.6	23.1	18.8
Secondary activity <sup>g</sup>					
Research and development	33.9	43.6	22.1	23.1	39.5
Teaching	20.5	19.4	12.8	32.3	17.2
Management or administration	11.8	9.3	15.7	12.2	11.7
Professional services and other	8.9	7.3	10.5	8.7	9.7
No secondary activity	24.8	20.4	39.0	23.6	22.0
Activity unknown	5.9	4.9	5.5	4.6	8.0
Postgraduation location (%) <sup>h</sup>					
United States <sup>i</sup>	89.8	91.5	87.2	92.8	87.5
Midwest	16.8	18.0	18.3	17.1	14.8
Northeast	17.7	16.2	16.9	20.2	17.6
South	36.2	35.0	32.9	38.0	37.8
West	18.0	20.7	18.7	16.8	16.2
Outside the United States	10.1	8.5	12.3	6.8	12.5
Location unknown	0.2	0.0	0.5	0.3	0.0
Postgraduation location in same state as doctorate institution (%)	36.9	30.0	51.6	38.7	34.3

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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)	744	179	146	136	283
Definite postdoctoral training plans	13.0	13.4	13.0	15.4	11.7
Definite employment plans	56.3	55.9	53.4	53.7	59.4
Seeking employment or study	26.6	26.8	27.4	29.4	24.7
Other status <sup>a</sup>	3.9	3.9	5.5	1.5	4.2
Definite postdoctoral training plans (%) <sup>b</sup>					
Postdoc fellowship or research associateship	99.0	95.8	100.0	100.0	100.0
Other training or unknown <sup>c</sup>	1.0	4.2	0.0	0.0	0.0
Definite employment plans (%) <sup>d</sup>					
Academe	61.1	81.0	43.6	53.4	60.7
In tenure track faculty position (%)	52.7	51.9	14.7	64.1	61.8
Not in tenure track position (%)	44.9	44.4	79.4	35.9	37.3
Government	11.2	D	D	23.3	11.3
Industry or business <sup>e</sup>	14.1	9.0	21.8	8.2	16.1
Nonprofit organization	6.9	D	D	12.3	6.5
Other or unknown <sup>f</sup>	6.7	2.0	19.2	2.7	5.4
Primary activity <sup>g</sup>					
Research and development	22.5	16.7	6.8	38.6	26.3
Teaching	46.3	71.9	37.0	20.0	46.8
Management or administration	17.0	6.3	34.2	27.1	10.9
Professional services and other	14.2	5.2	21.9	14.3	16.0
Secondary activity <sup>g</sup>					
Research and development	40.5	56.3	24.7	27.1	44.2
Teaching	16.5	11.5	9.6	35.7	14.1
Management or administration	12.4	D	16.4	D	12.2
Professional services and other	9.9	D	15.1	D	9.6
No secondary activity	20.8	15.6	34.2	15.7	19.9
Activity unknown	5.7	4.0	6.4	4.1	7.1
Postgraduation location (%) <sup>h</sup>					
United States <sup>i</sup>	86.8	87.1	90.7	85.1	85.6
Midwest	16.5	18.5	22.7	18.1	11.4
Northeast	14.9	13.7	14.4	12.8	16.9
South	34.9	31.5	33.0	30.9	39.8
West	18.6	20.2	19.6	22.3	15.4
Outside the United States	12.8	12.9	8.2	13.8	14.4
Location unknown	0.4	0.0	1.0	1.1	0.0

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## Other non-science and engineering research doctorate recipients, postgraduation plans by sex and major field of doctorate: 2022

(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 (%)	35.7	25.8	50.5	38.3	33.3
Female doctorate recipients reporting postgraduation status (number)	1,156	351	190	283	332
Definite postdoctoral training plans	13.8	14.0	9.5	10.6	18.7
Definite employment plans	55.5	58.1	54.7	58.7	50.6
Seeking employment or study	27.0	23.9	30.5	27.2	28.0
Other status <sup>a</sup>	3.5	3.4	5.3	3.5	2.7
Definite postdoctoral training plans (%) <sup>b</sup>					
Postdoc fellowship or research associateship	98.1	100.0	100.0	96.7	96.8
Other training or unknown <sup>c</sup>	1.9	0.0	0.0	3.3	3.2
Definite employment plans (%) <sup>d</sup>					
Academe	62.6	77.0	57.7	45.2	65.5
In tenure track faculty position (%)	49.0	56.1	23.3	52.0	50.9
Not in tenure track position (%)	48.3	43.3	73.3	46.7	42.7
Government	6.4	D	D	12.0	7.7
Industry or business <sup>e</sup>	15.1	12.7	16.3	15.7	16.7
Nonprofit organization	8.9	D	D	19.3	6.0
Other or unknown <sup>f</sup>	7.0	3.9	16.3	7.8	4.2
Primary activity <sup>g</sup>					
Research and development	25.2	28.5	10.1	26.6	29.4
Teaching	40.5	54.4	46.5	20.9	39.2
Management or administration	15.8	6.7	27.3	25.3	9.8
Professional services and other	18.6	10.4	16.2	27.2	21.6
Secondary activity <sup>g</sup>					
Research and development	29.7	37.3	20.2	21.5	34.6
Teaching	23.2	23.3	15.2	31.0	20.3
Management or administration	11.3	D	15.2	D	11.1
Professional services and other	8.3	D	7.1	D	9.8
No secondary activity	27.5	22.8	42.4	27.2	24.2
Activity unknown	6.1	5.4	4.8	4.8	8.9
Postgraduation location (%) <sup>h</sup>					
United States <sup>i</sup>	91.6	93.7	84.4	96.4	89.1
Midwest	17.0	17.8	14.8	16.3	17.8
Northeast	19.5	17.4	18.9	24.0	18.3
South	37.1	36.8	32.8	41.3	36.1
West	17.7	20.9	18.0	14.3	17.0

**Table 9-18****Other non-science and engineering research doctorate recipients, postgraduation plans by sex and major field of doctorate: 2022**

(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	8.4	6.3	15.6	3.6	10.9
Location unknown	0.0	0.0	0.0	0.0	0.0
Postgraduation location in same state as doctorate institution (%)	37.7	32.0	52.5	38.8	35.2

D = suppressed to avoid disclosure of confidential information.

<sup>a</sup> 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.

<sup>b</sup> Excludes doctorate recipients reporting plans for other full-time degree program. Percentages based on number of doctorate recipients reporting definite postdoctoral plans for study.

<sup>c</sup> Other includes doctorate recipients who reported definite postdoctoral plans for traineeship, internship or clinical residency, or other study.

<sup>d</sup> Percentages based on number of doctorate recipients reporting definite postgraduation plans for employment.

<sup>e</sup> Includes doctorate recipients reporting self-employment.

<sup>f</sup> Other is mainly composed of elementary and secondary schools.

<sup>g</sup> Percentages based on number of doctorate recipients reporting definite postgraduation plans for employment and primary or secondary work activity.

<sup>h</sup> Percentages based on number of doctorate recipients reporting definite postgraduation plans and type of plans.

<sup>i</sup> 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, see the "Technical Notes" and the SED 2021 Taxonomy Changes Working Paper (available at <https://nces.nsf.gov/pubs/nces23200>).

**Source(s):**

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