

TABLE 9-16

Business research doctorate recipients, postgraduation plans by sex and major field of doctorate: 2023

(Number and percent)

Characteristic	All business fields	Business administration and management	Business, other
Doctorate recipients reporting postgraduation status (number)	1,303	367	936
Definite postdoctoral training plans	8.0	7.6	8.1
Definite employment plans	77.6	73.6	79.2
Seeking employment or study	11.8	15.3	10.5
Other status ^a	2.5	3.5	2.1
Definite postdoctoral training plans (%) ^b			
Postdoc fellowship or research associateship	91.3	89.3	92.1
Other training or unknown ^c	8.7	10.7	7.9
Definite employment plans (%) ^d			
Academe	77.6	70.0	80.4
In tenure track faculty position (%)	84.2	82.0	84.9
Not in tenure track position (%)	14.9	18.0	13.9
Government	D	D	2.3
Industry or business ^e	14.2	17.8	13.0
Nonprofit organization	D	D	2.2
Other or unknown ^f	2.4	3.0	2.2
Primary activity ^g			
Research and development	43.8	42.1	44.5
Teaching	39.6	31.4	42.5
Management or administration	4.3	10.0	2.2
Professional services and other	12.3	16.5	10.8
Secondary activity ^g			
Research and development	40.4	32.6	43.2
Teaching	31.6	29.5	32.4
Management or administration	6.1	8.4	5.3
Professional services and other	3.0	3.4	2.8
No secondary activity	18.9	26.1	16.3
Activity unknown	2.8	3.3	2.6
Postgraduation location (%) ^h			
United States ⁱ	84.1	84.9	83.8
Midwest	17.3	15.4	18.0
Northeast	16.3	16.4	16.3
South	33.5	32.6	33.8
West	16.6	19.8	15.4
Outside the United States	15.7	14.8	16.0
Location unknown	0.2	0.3	0.1
Postgraduation location in same state as doctorate institution (%)	18.2	22.8	16.5
Male doctorate recipients reporting postgraduation status (number)	715	203	512
Definite postdoctoral training plans	7.6	8.9	7.0
Definite employment plans	77.5	72.9	79.3
Seeking employment or study	12.0	14.8	10.9
Other status ^a	2.8	3.4	2.5
Definite postdoctoral training plans (%) ^b			
Postdoc fellowship or research associateship	90.7	83.3	94.4
Other training or unknown ^c	9.3	16.7	5.6
Definite employment plans (%) ^d			
Academe	75.3	65.5	78.8

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(Number and percent)

Characteristic	All business fields	Business administration and management	Business, other
In tenure track faculty position (%)	85.6	84.5	85.9
Not in tenure track position (%)	13.7	15.5	13.1
Government	D	D	D
Industry or business ^e	15.5	21.6	13.3
Nonprofit organization	D	D	D
Other or unknown ^f	2.0	2.7	1.7
Primary activity ^g			
Research and development	45.6	42.1	46.9
Teaching	36.8	29.7	39.3
Management or administration	3.7	9.7	1.5
Professional services and other	14.0	18.6	12.3
Secondary activity ^g			
Research and development	37.9	31.7	40.1
Teaching	32.5	25.5	35.1
Management or administration	5.5	D	D
Professional services and other	3.1	D	D
No secondary activity	21.0	31.0	17.3
Activity unknown	1.8	2.0	1.7
Postgraduation location (%) ^h			
United States ⁱ	83.4	82.5	83.7
Midwest	17.3	15.7	17.9
Northeast	16.1	17.5	15.6
South	34.4	31.3	35.5
West	15.3	17.5	14.5
Outside the United States	16.3	16.9	16.1
Location unknown	0.3	0.6	0.2
Postgraduation location in same state as doctorate institution (%)	18.1	22.9	16.3
Female doctorate recipients reporting postgraduation status (number)	588	164	424
Definite postdoctoral training plans	8.5	6.1	9.4
Definite employment plans	77.7	74.4	79.0
Seeking employment or study	11.6	15.9	9.9
Other status ^a	2.2	3.7	1.7
Definite postdoctoral training plans (%) ^b			
Postdoc fellowship or research associateship	92.0	D	90.0
Other training or unknown ^c	8.0	D	10.0
Definite employment plans (%) ^d			
Academe	80.5	75.4	82.4
In tenure track faculty position (%)	82.6	79.3	83.7
Not in tenure track position (%)	16.3	20.7	14.9
Government	D	4.1	D
Industry or business ^e	12.7	13.1	12.5
Nonprofit organization	D	4.1	D
Other or unknown ^f	2.8	3.3	2.7
Primary activity ^g			
Research and development	41.7	42.2	41.5
Teaching	43.1	33.6	46.4
Management or administration	5.0	10.3	3.1

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Business research doctorate recipients, postgraduation plans by sex and major field of doctorate: 2023

(Number and percent)

Characteristic	All business fields	Business administration and management	Business, other
Professional services and other	10.3	13.8	9.0
Secondary activity ^g			
Research and development	43.5	33.6	47.1
Teaching	30.5	34.5	29.1
Management or administration	6.8	D	D
Professional services and other	2.7	D	D
No secondary activity	16.4	19.8	15.2
Activity unknown	3.9	4.9	3.6
Postgraduation location (%) ^h			
United States ⁱ	85.0	87.9	84.0
Midwest	17.4	15.2	18.1
Northeast	16.6	15.2	17.1
South	32.3	34.1	31.7
West	18.1	22.7	16.5
Outside the United States	15.0	12.1	16.0
Location unknown	0.0	0.0	0.0
Postgraduation location in same state as doctorate institution (%)	18.3	22.7	16.8

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.