

Table 9-16**Business research doctorate recipients, postgraduation plans by sex and major field of doctorate: 2021**

(Number and percent)

Characteristic	All business fields	Business administration and management	Business, other
Doctorate recipients reporting postgraduation status (number)	1,163	357	806
Definite postdoctoral training plans	6.7	5.9	7.1
Definite employment plans	71.5	72.3	71.2
Seeking employment or study	18.1	17.4	18.5
Other status ^a	3.5	4.5	3.1
Definite postdoctoral training plans (%) ^b			
Postdoc fellowship or research associateship	91.0	90.5	91.2
Other training or unknown ^c	9.0	9.5	8.8
Definite employment plans (%) ^d			
Academe	75.5	66.3	79.6
In tenure track faculty position (%)	80.6	72.5	83.6
Not in tenure track position (%)	17.4	22.8	15.3
Government	D	D	3.8
Industry or business ^e	16.0	21.3	13.6
Nonprofit organization	D	D	1.6
Other or unknown ^f	1.8	2.7	1.4
Primary activity ^g			
Research and development	47.4	35.4	52.8
Teaching	31.7	30.9	32.1
Management or administration	10.9	19.9	6.9
Professional services and other	9.9	13.8	8.2
Secondary activity ^g			
Research and development	32.1	30.5	32.8
Teaching	46.3	41.1	48.6
Management or administration	5.4	8.5	4.0
Professional services and other	5.9	6.9	5.5
No secondary activity	10.3	13.0	9.1
Activity unknown	4.4	4.7	4.4
Postgraduation location (%) ^h			
United States ⁱ	77.4	79.9	76.2
Midwest	15.8	17.6	15.1
Northeast	15.3	14.3	15.7
South	31.6	31.5	31.7
West	13.6	15.1	13.0
Outside the United States	22.5	20.1	23.6
Location unknown	0.1	0.0	0.2
Postgraduation location in same state as doctorate institution (%)	20.4	24.0	18.9
Male doctorate recipients reporting postgraduation status (number)	648	199	449
Definite postdoctoral training plans	6.9	6.0	7.3
Definite employment plans	72.8	74.9	71.9
Seeking employment or study	17.4	16.1	18.0
Other status ^a	2.8	3.0	2.7
Definite postdoctoral training plans (%) ^b			
Postdoc fellowship or research associateship	86.7	83.3	87.9
Other training or unknown ^c	13.3	16.7	12.1
Definite employment plans (%) ^d			

Table 9-16

Business research doctorate recipients, postgraduation plans by sex and major field of doctorate: 2021

(Number and percent)

Characteristic	All business fields	Business administration and management	Business, other
Academe	73.7	67.8	76.5
In tenure track faculty position (%)	79.6	72.3	82.6
Not in tenure track position (%)	17.5	22.8	15.4
Government	D	D	D
Industry or business ^e	18.0	22.1	16.1
Nonprofit organization	D	D	D
Other or unknown ^f	1.3	2.0	0.9
Primary activity ^g			
Research and development	48.4	36.2	54.1
Teaching	30.8	34.8	29.0
Management or administration	9.6	13.5	7.8
Professional services and other	11.2	15.6	9.1
Secondary activity ^g			
Research and development	30.1	33.3	28.7
Teaching	44.4	36.9	47.9
Management or administration	6.0	9.2	4.6
Professional services and other	7.1	7.1	7.2
No secondary activity	12.3	13.5	11.7
Activity unknown	5.1	5.4	5.0
Postgraduation location (%) ^h			
United States ⁱ	76.0	76.4	75.8
Midwest	15.9	14.9	16.3
Northeast	16.4	14.9	17.1
South	30.0	31.1	29.5
West	12.8	13.7	12.4
Outside the United States	24.0	23.6	24.2
Location unknown	0.0	0.0	0.0
Postgraduation location in same state as doctorate institution (%)	19.5	21.7	18.5
Female doctorate recipients reporting postgraduation status (number)	515	158	357
Definite postdoctoral training plans	6.4	5.7	6.7
Definite employment plans	69.9	69.0	70.3
Seeking employment or study	19.0	19.0	19.0
Other status ^a	4.5	6.3	3.6
Definite postdoctoral training plans (%) ^b			
Postdoc fellowship or research associateship	97.0	100.0	95.8
Other training or unknown ^c	3.0	0.0	4.2
Definite employment plans (%) ^d			
Academe	77.8	64.2	83.7
In tenure track faculty position (%)	81.8	72.9	84.8
Not in tenure track position (%)	17.1	22.9	15.2
Government	D	6.4	D
Industry or business ^e	13.3	20.2	10.4
Nonprofit organization	D	5.5	D
Other or unknown ^f	2.5	3.7	2.0
Primary activity ^g			
Research and development	46.1	34.3	51.2

Table 9-16**Business research doctorate recipients, postgraduation plans by sex and major field of doctorate: 2021**

(Number and percent)

Characteristic	All business fields	Business administration and management	Business, other
Teaching	32.9	25.7	36.0
Management or administration	12.7	28.6	5.8
Professional services and other	8.4	11.4	7.0
Secondary activity ^g			
Research and development	34.6	26.7	38.0
Teaching	48.7	46.7	49.6
Management or administration	4.6	7.6	3.3
Professional services and other	4.3	6.7	3.3
No secondary activity	7.8	12.4	5.8
Activity unknown	3.6	3.7	3.6
Postgraduation location (%) ^h			
United States ⁱ	79.1	84.7	76.7
Midwest	15.8	21.2	13.5
Northeast	13.7	13.6	13.8
South	33.8	32.2	34.5
West	14.8	16.9	13.8
Outside the United States	20.6	15.3	22.9
Location unknown	0.3	0.0	0.4
Postgraduation location in same state as doctorate institution (%)	21.6	27.1	19.3

D = suppressed to avoid disclosure of confidential information.

^a 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 Excludes doctorate recipients reporting plans for other full-time degree program. Percentages based on number of doctorate recipients reporting definite postdoctoral plans for study.

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

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

^e Includes doctorate recipients reporting self-employment.

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

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

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

ⁱ Includes cases 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):

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 the new broad, major, and detailed fields were used in tables reporting only the most recent data year. Therefore, the field of doctorate data in 2021 may not be comparable to prior years; see the "Technical Notes" for more information, table A-4 for a summary of SED-CIP codes in the new SED field taxonomy, table A-5 for a full list of SED-CIP codes in the new field taxonomy, and table A-6 for the SED-CIP code crosswalk to the historical field taxonomy.

Source(s):

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