

Table 71**Statistical profile of postgraduation plans of doctorate recipients in other fields, by sex and field of study: 2019**

(Number and percent)

Characteristic	All other fields ^a	Business management and administration	Communication	Non-S&E fields nec
All doctorate recipients (number) ^b	3,034	1,536	543	955
Postgraduation status (number) ^c				
Definite postgraduation study	174	57	33	84
Definite employment	1,822	1,052	303	467
Seeking employment or study	556	211	124	221
Other ^d	69	33	9	27
Definite postgraduation study (%) ^e				
Postdoc fellowship or research associateship	89.7	84.2	93.9	91.7
Other or unknown ^f	10.3	15.8	6.1	8.3
Definite employment (%) ^g				
Academe	76.6	79.0	84.5	66.0
Government	5.4	2.8	2.3	13.3
Industry or business ^h	12.0	13.9	7.9	10.3
Nonprofit organization	3.9	2.3	4.0	7.5
Other or unknown ⁱ	2.2	2.1	1.3	3.0
Primary activity ^j				
R&D	40.7	50.3	25.9	28.2
Teaching	40.7	35.4	60.7	39.8
Management or administration	11.0	8.7	7.2	18.9
Professional services	7.5	5.4	6.2	13.2
Other	0.1	0.2	0.0	0.0
Secondary activity ^k				
R&D	37.8	34.0	49.0	39.1
Teaching	37.0	46.0	21.4	26.6
Management or administration	5.0	3.9	6.2	6.8
Professional services	4.1	2.8	3.8	7.3
Other	0.2	0.2	0.3	0.0
No secondary activity	16.0	13.2	19.3	20.2
Activity unknown	4.6	4.1	4.3	5.8
Postgraduation location (%) ^l				
United States ^m	86.2	84.9	89.9	86.8
New England	6.3	6.9	4.5	6.2
Middle Atlantic	12.6	12.0	14.0	12.9
East North Central	12.6	12.5	15.5	11.1
West North Central	5.4	5.0	5.4	6.2
South Atlantic	18.8	17.2	19.3	21.6
East South Central	4.9	4.5	6.5	4.7
West South Central	10.1	11.5	8.0	8.7
Mountain	4.1	3.1	4.5	6.0
Pacific and insular	10.2	11.0	11.6	7.8
Not in United States	13.7	15.1	10.1	13.1
Location unknown	0.1	0.1	0.0	0.2
Male doctorate recipients (number)	1,414	874	205	335
Postgraduation status (number) ^c				
Definite postgraduation study	73	29	13	31
Definite employment	886	611	113	162
Seeking employment or study	228	115	45	68

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(Number and percent)

Characteristic	All other fields ^a	Business management and administration	Communication	Non-S&E fields nec
Other ^d	29	15	4	10
Definite postgraduation study (%) ^e				
Postdoc fellowship or research associateship	89.0	79.3	D	93.5
Other or unknown ^f	11.0	20.7	D	6.5
Definite employment (%) ^g				
Academe	76.0	77.4	83.2	65.4
Government	4.5	2.1	D	D
Industry or business ^h	15.3	16.7	11.5	13.0
Nonprofit organization	2.4	2.1	D	D
Other or unknown ⁱ	1.8	1.6	0.0	3.7
Primary activity ^j				
R&D	45.5	53.6	D	D
Teaching	37.7	32.1	63.0	41.4
Management or administration	9.8	8.0	5.6	19.7
Professional services	6.8	6.1	D	D
Other	0.1	0.2	0.0	0.0
Secondary activity ^k				
R&D	35.3	31.1	50.0	40.8
Teaching	41.0	48.5	19.4	27.6
Management or administration	4.8	D	D	4.6
Professional services	3.7	D	D	5.3
Other	0.1	0.2	0.0	0.0
No secondary activity	15.1	12.4	20.4	21.7
Activity unknown	4.3	3.8	4.4	6.2
Postgraduation location (%) ^l				
United States ^m	85.1	82.8	92.9	87.6
New England	4.7	5.0	D	D
Middle Atlantic	11.6	10.8	11.9	14.0
East North Central	12.5	12.3	D	D
West North Central	5.9	6.4	4.0	5.7
South Atlantic	17.9	15.9	20.6	22.8
East South Central	5.4	5.0	7.9	5.2
West South Central	10.6	11.3	10.3	8.8
Mountain	4.0	3.4	4.8	5.2
Pacific and insular	11.2	11.7	13.5	7.8
Not in United States	14.8	17.0	7.1	12.4
Location unknown	0.1	0.2	0.0	0.0
Female doctorate recipients (number)	1,620	662	338	620
Postgraduation status (number) ^c				
Definite postgraduation study	101	28	20	53
Definite employment	936	441	190	305
Seeking employment or study	328	96	79	153
Other ^d	40	18	5	17
Definite postgraduation study (%) ^e				
Postdoc fellowship or research associateship	90.1	89.3	D	90.6
Other or unknown ^f	9.9	10.7	D	9.4

Table 71**Statistical profile of postgraduation plans of doctorate recipients in other fields, by sex and field of study: 2019**

(Number and percent)

Characteristic	All other fields ^a	Business management and administration	Communication	Non-S&E fields nec
Definite employment (%) ^g				
Academe	77.1	81.2	85.3	66.2
Government	6.2	3.6	D	D
Industry or business ^h	8.8	10.0	5.8	8.9
Nonprofit organization	5.3	2.5	D	D
Other or unknown ⁱ	2.6	2.7	2.1	2.6
Primary activity ^j				
R&D	36.0	45.8	D	D
Teaching	43.5	39.9	59.3	38.9
Management or administration	12.2	9.7	8.2	18.4
Professional services	8.1	4.3	D	D
Other	0.1	0.2	0.0	0.0
Secondary activity ^k				
R&D	40.2	38.0	48.4	38.2
Teaching	33.1	42.5	22.5	26.0
Management or administration	5.2	D	D	8.0
Professional services	4.5	D	D	8.3
Other	0.2	0.2	0.5	0.0
No secondary activity	16.8	14.3	18.7	19.4
Activity unknown	4.8	4.5	4.2	5.6
Postgraduation location (%) ^l				
United States ^m	87.3	87.6	88.1	86.3
New England	7.8	9.6	D	D
Middle Atlantic	13.5	13.6	15.2	12.3
East North Central	12.7	12.8	D	D
West North Central	4.9	3.2	6.2	6.4
South Atlantic	19.6	19.0	18.6	20.9
East South Central	4.4	3.8	5.7	4.5
West South Central	9.6	11.7	6.7	8.7
Mountain	4.2	2.6	4.3	6.4
Pacific and insular	9.4	10.0	10.5	7.8
Not in United States	12.6	12.4	11.9	13.4
Location unknown	0.1	0.0	0.0	0.3

D = suppressed to avoid disclosure of confidential information.

nec = not elsewhere classified; S&E = science and engineering.

^a Includes other non-S&E fields not reported separately.^b Includes respondents who did not report sex.^c Includes only respondents who reported postgraduation status.^d Includes respondents who indicated that they did not plan to work or study, respondents who indicated some other type of postgraduation plans, and respondents who indicated definite plans for other full-time degree program.^e Excludes respondents who indicated plans for other full-time degree program. Percentages based on number of doctorate recipients reporting definite postgraduation plans for study.^f Other includes respondents who indicated definite postgraduation study plans for traineeship, internship or clinical residency, or other study.^g Percentages based on number of doctorate recipients reporting definite postgraduation plans for employment.^h Includes doctorate recipients who indicated self-employment.ⁱ Other is mainly composed of elementary and secondary schools.

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

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

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

^m Includes cases with an unknown U.S. region of employment after doctorate; see technical notes for states or territories included in regions.

Note(s):

Due to rounding, percentages may not sum to 100. See table A-6 in the technical notes for a listing of major fields and their constituent subfields.

Source(s):

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