

Table 71

Statistical profile of postgraduation plans of doctorate recipients in other fields, by sex and field of study: 2020

(Number and percent)

Characteristic	All other fields ^a	Business management and administration	Communication	Non-S&E fields nec
All doctorate recipients (number) ^b	3,006	1,466	593	947
Postgraduation status (number) ^c				
Definite postgraduation study	214	61	57	96
Definite employment	1,793	988	324	481
Seeking employment or study	531	183	132	216
Other ^d	63	27	12	24
Definite postgraduation study (%) ^e				
Postdoc fellowship or research associateship	95.3	95.1	96.5	94.8
Other or unknown ^f	4.7	4.9	3.5	5.2
Definite employment (%) ^g				
Academe	73.2	78.9	80.9	56.3
Government	6.6	3.2	2.8	16.0
Industry or business ^h	13.7	13.4	11.4	15.8
Nonprofit organization	3.8	1.8	3.1	8.5
Other or unknown ⁱ	2.7	2.6	1.9	3.3
Primary activity ^j				
R&D	41.0	51.3	26.4	29.5
Teaching	38.9	33.9	61.6	33.7
Management or administration	10.9	9.5	5.9	17.2
Professional services	8.8	4.9	5.5	19.2
Other	0.5	0.4	0.7	0.4
Secondary activity ^k				
R&D	34.3	31.0	47.6	32.1
Teaching	36.8	47.7	17.6	27.2
Management or administration	4.8	3.2	4.9	8.0
Professional services	4.8	3.1	6.2	7.4
Other	0.2	0.2	0.0	0.2
No secondary activity	19.2	14.9	23.8	25.0
Activity unknown	5.5	4.9	5.2	6.9
Postgraduation location (%) ^l				
United States ^m	86.0	84.0	89.8	87.2
New England	6.9	7.7	6.0	5.9
Middle Atlantic	13.1	13.0	11.5	14.2
East North Central	11.9	11.4	14.4	11.1
West North Central	5.3	5.4	5.2	5.2
South Atlantic	17.6	15.3	17.6	21.8
East South Central	5.1	4.8	5.8	5.2
West South Central	10.0	11.2	10.0	7.8
Mountain	5.0	4.2	6.3	5.5
Pacific and insular	9.9	9.9	10.8	9.2
Not in United States	14.0	15.9	10.2	12.8
Location unknown	*	0.1	0.0	0.0
Male doctorate recipients (number)	1,417	851	230	336
Postgraduation status (number) ^c				
Definite postgraduation study	88	39	18	31
Definite employment	870	579	121	170
Seeking employment or study	240	98	60	82

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(Number and percent)

Characteristic	All other fields ^a	Business management and administration	Communication	Non-S&E fields nec
Other ^d	22	12	4	6
Definite postgraduation study (%) ^e				
Postdoc fellowship or research associateship	96.6	94.9	100.0	96.8
Other or unknown ^f	3.4	5.1	0.0	3.2
Definite employment (%) ^g				
Academe	73.3	77.7	75.2	57.1
Government	6.4	3.8	D	D
Industry or business ^h	14.3	13.8	14.0	15.9
Nonprofit organization	3.6	2.1	D	D
Other or unknown ⁱ	2.4	2.6	2.5	1.8
Primary activity ^j				
R&D	42.4	49.4	23.0	31.6
Teaching	39.3	36.2	59.3	35.5
Management or administration	9.6	8.6	8.0	14.5
Professional services	8.0	5.1	8.8	17.8
Other	0.7	0.7	0.9	0.7
Secondary activity ^k				
R&D	35.3	32.2	49.6	36.2
Teaching	37.2	45.9	15.9	21.7
Management or administration	5.2	3.7	5.3	10.5
Professional services	3.8	2.7	4.4	7.2
Other	0.2	0.4	0.0	0.0
No secondary activity	18.2	15.2	24.8	24.3
Activity unknown	6.7	5.5	6.6	10.6
Postgraduation location (%) ^l				
United States ^m	82.4	82.0	89.9	78.1
New England	6.2	6.8	D	D
Middle Atlantic	12.1	12.3	12.2	11.4
East North Central	12.6	11.5	D	D
West North Central	5.1	5.5	3.6	5.0
South Atlantic	15.2	13.8	17.3	18.4
East South Central	4.9	4.9	3.6	6.0
West South Central	9.7	11.0	10.1	5.5
Mountain	4.9	4.5	7.2	4.5
Pacific and insular	10.2	10.5	8.6	10.4
Not in United States	17.5	17.8	10.1	21.9
Location unknown	0.1	0.2	0.0	0.0
Female doctorate recipients (number)	1,589	615	363	611
Postgraduation status (number) ^c				
Definite postgraduation study	126	22	39	65
Definite employment	923	409	203	311
Seeking employment or study	291	85	72	134
Other ^d	41	15	8	18
Definite postgraduation study (%) ^e				
Postdoc fellowship or research associateship	94.4	95.5	94.9	93.8
Other or unknown ^f	5.6	4.5	5.1	6.2

Table 71**Statistical profile of postgraduation plans of doctorate recipients in other fields, by sex and field of study: 2020**

(Number and percent)

Characteristic	All other fields ^a	Business management and administration	Communication	Non-S&E fields nec
Definite employment (%) ^g				
Academe	73.1	80.7	84.2	55.9
Government	6.7	2.4	D	D
Industry or business ^h	13.1	12.7	9.9	15.8
Nonprofit organization	4.1	1.5	D	D
Other or unknown ⁱ	2.9	2.7	1.5	4.2
Primary activity ^j				
R&D	39.8	53.9	28.4	28.4
Teaching	38.5	30.8	62.9	32.8
Management or administration	12.0	10.7	4.6	18.6
Professional services	9.5	4.6	3.6	19.9
Other	0.2	0.0	0.5	0.3
Secondary activity ^k				
R&D	33.3	29.3	46.4	30.1
Teaching	36.5	50.1	18.6	30.1
Management or administration	4.4	2.5	4.6	6.8
Professional services	5.7	3.6	7.2	7.4
Other	0.1	0.0	0.0	0.3
No secondary activity	20.0	14.5	23.2	25.3
Activity unknown	4.3	3.9	4.4	4.8
Postgraduation location (%) ^l				
United States ^m	89.3	86.8	89.7	92.0
New England	7.5	9.0	D	D
Middle Atlantic	13.9	13.9	11.2	15.7
East North Central	11.2	11.4	D	D
West North Central	5.5	5.3	6.2	5.3
South Atlantic	19.7	17.4	17.8	23.7
East South Central	5.2	4.6	7.0	4.8
West South Central	10.2	11.4	9.9	9.0
Mountain	5.1	3.7	5.8	6.1
Pacific and insular	9.5	9.0	12.0	8.5
Not in United States	10.7	13.2	10.3	8.0
Location unknown	0.0	0.0	0.0	0.0

* = value between 0.00% and 0.05%; 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.