

TABLE 71

Statistical profile of postgraduation plans of doctorate recipients in other fields, by sex and field of study: 2017
(Number and percent)

Characteristic	All other fields ^a	Business management and administration	Communication	Non-S&E fields nec
All doctorate recipients (number) ^b	3,113	1,522	626	965
Postgraduation status (number) ^c				
Definite postgraduation study	169	40	47	82
Definite employment	1,749	1,003	312	434
Seeking employment or study	612	214	159	239
Other ^d	84	42	18	24
Definite postgraduation study (%) ^e				
Postdoc fellowship or research associateship	91.1	87.5	95.7	90.2
Other or unknown ^f	8.9	12.5	4.3	9.8
Definite employment (%) ^g				
Academe	80.3	83.3	88.8	67.1
Government	5.1	D	D	12.2
Industry or business ^h	9.8	10.5	6.7	10.4
Nonprofit organization	3.7	D	D	7.8
Other or unknown ⁱ	1.1	0.7	0.3	2.5
Primary activity ^j				
R&D	34.4	43.0	19.1	25.9
Teaching	48.0	43.4	71.0	42.2
Management or administration	9.9	7.8	7.3	16.7
Professional services	5.7	4.1	2.0	11.8
Other	1.9	1.8	0.7	3.3
Secondary activity ^k				
R&D	42.6	40.9	55.1	37.7
Teaching	33.1	41.9	15.2	25.9
Management or administration	5.4	2.8	9.6	8.3
Professional services	2.9	2.5	2.0	4.5
Other	1.1	0.8	1.3	1.4
No secondary activity	14.9	11.1	16.8	22.2
Activity unknown	3.2	3.7	2.9	2.3
Postgraduation location (%) ^l				
United States ^m	87.9	85.6	92.5	89.3
New England	5.5	5.7	4.7	5.6
Middle Atlantic	14.6	14.3	15.9	14.3
East North Central	13.6	13.5	13.9	13.6
West North Central	4.8	4.8	5.8	4.3
South Atlantic	16.7	15.4	12.5	22.1
East South Central	5.4	4.8	5.3	6.8
West South Central	9.5	10.4	9.2	8.1
Mountain	5.0	4.8	6.4	4.5
Pacific and insular	11.9	11.0	18.7	9.1
Not in United States	12.0	14.3	7.5	10.7
Location unknown	0.1	0.1	0.0	0.0
Male doctorate recipients (number)	1,399	846	198	355
Postgraduation status (number) ^c				
Definite postgraduation study	71	28	16	27
Definite employment	857	589	106	162
Seeking employment or study	254	112	49	93
Other ^d	30	21	3	6

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Definite postgraduation study (%) ^e				
Postdoc fellowship or research associateship	88.7	85.7	93.8	88.9
Other or unknown ^f	11.3	14.3	6.3	11.1
Definite employment (%) ^g				
Academe	79.0	82.3	86.8	61.7
Government	5.8	D	D	17.3
Industry or business ^h	11.3	D	D	12.3
Nonprofit organization	2.8	D	D	5.6
Other or unknown ⁱ	1.1	0.7	0.0	3.1
Primary activity ^j				
R&D	37.8	45.8	19.4	21.1
Teaching	45.2	41.1	68.0	45.3
Management or administration	10.6	D	D	21.1
Professional services	5.2	D	D	9.9
Other	1.3	1.2	0.0	2.5
Secondary activity ^k				
R&D	41.2	39.1	53.4	41.0
Teaching	36.8	44.6	17.5	21.7
Management or administration	5.5	3.2	12.6	9.3
Professional services	2.2	D	D	4.3
Other	0.7	D	D	0.0
No secondary activity	13.5	10.5	14.6	23.6
Activity unknown	2.7	3.2	2.8	0.6
Postgraduation location (%) ^l				
United States ^m	85.6	84.0	92.6	86.2
New England	6.1	6.3	D	D
Middle Atlantic	14.0	12.6	15.6	17.5
East North Central	12.7	13.5	14.8	9.0
West North Central	4.7	5.2	4.1	3.7
South Atlantic	16.3	15.9	D	D
East South Central	4.5	3.7	7.4	5.3
West South Central	10.0	11.3	7.4	7.4
Mountain	5.2	5.0	5.7	5.3
Pacific and insular	10.9	9.2	22.1	9.0
Not in United States	14.3	15.9	7.4	13.8
Location unknown	0.1	0.2	0.0	0.0
Female doctorate recipients (number)	1,713	675	428	610
Postgraduation status (number) ^c				
Definite postgraduation study	98	12	31	55
Definite employment	892	414	206	272
Seeking employment or study	358	102	110	146
Other ^d	54	21	15	18
Definite postgraduation study (%) ^e				
Postdoc fellowship or research associateship	92.9	91.7	96.8	90.9
Other or unknown ^f	7.1	8.3	3.2	9.1
Definite employment (%) ^g				
Academe	81.5	84.8	89.8	70.2

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Characteristic	All other fields ^a	Business management and administration	Communication	Non-S&E fields nec
Government	4.5	D	D	9.2
Industry or business ^h	8.3	D	D	9.2
Nonprofit organization	4.6	2.7	2.4	9.2
Other or unknown ⁱ	1.1	0.7	0.5	2.2
Primary activity ^j				
R&D	31.2	38.9	19.0	28.9
Teaching	50.8	46.7	72.5	40.3
Management or administration	9.3	D	D	14.1
Professional services	6.2	D	D	12.9
Other	2.6	2.5	1.0	3.8
Secondary activity ^k				
R&D	44.0	43.4	56.0	35.7
Teaching	29.6	38.1	14.0	28.5
Management or administration	5.2	2.3	8.0	7.6
Professional services	3.6	D	D	4.6
Other	1.4	D	D	2.3
No secondary activity	16.2	11.9	18.0	21.3
Activity unknown	3.7	4.3	2.9	3.3
Postgraduation location (%) ^l				
United States ^m	90.1	88.0	92.4	91.1
New England	4.8	4.7	D	D
Middle Atlantic	15.2	16.7	16.0	12.5
East North Central	14.4	13.6	13.5	16.2
West North Central	4.9	4.2	6.8	4.6
South Atlantic	17.1	14.8	D	D
East South Central	6.3	6.3	4.2	7.6
West South Central	9.1	8.9	10.1	8.6
Mountain	4.8	4.5	6.8	4.0
Pacific and insular	12.9	13.6	16.9	9.2
Not in United States	9.9	12.0	7.6	8.9
Location unknown	0.0	0.0	0.0	0.0

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)

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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 Science Foundation, National Center for Science and Engineering Statistics, Survey of Earned Doctorates, 2017.