

TABLE 67

## Statistical profile of postgraduation plans of doctorate recipients in education fields, by sex and field of study: 2018

(Number and percent)

Characteristic	All education fields	Education administration	Education research	Teacher education	Teaching fields	Other education
All doctorate recipients (number) <sup>a</sup>	4,834	898	2,507	97	963	369
Postgraduation status (number) <sup>b</sup>						
Definite postgraduation study	280	16	183	D	57	D
Definite employment	2,841	567	1,445	D	597	D
Seeking employment or study	1,152	190	621	28	231	82
Other <sup>c</sup>	126	17	69	8	22	10
Definite postgraduation study (%) <sup>d</sup>						
Postdoc fellowship or research associateship	89.6	87.5	87.4	D	94.7	D
Other or unknown <sup>e</sup>	10.4	12.5	12.6	0.0	5.3	4.5
Definite employment (%) <sup>f</sup>						
Academe	56.6	44.6	57.4	53.4	67.2	53.4
Government	4.8	4.9	5.7	D	2.3	D
Industry or business <sup>g</sup>	6.3	4.8	7.5	13.8	4.0	6.3
Nonprofit organization	7.8	7.6	8.6	D	5.0	D
Other or unknown <sup>h</sup>	24.5	38.1	20.8	24.1	21.4	21.8
Primary activity <sup>i</sup>						
R&D	12.6	5.6	16.7	D	D	11.7
Teaching	42.7	26.3	36.5	62.5	73.1	35.6
Management or administration	32.7	59.8	30.9	25.0	10.1	41.7
Professional services	11.7	8.1	15.6	D	D	11.0
Other	0.2	0.2	0.2	0.0	0.3	0.0
Secondary activity <sup>j</sup>						
R&D	29.2	14.3	29.0	37.5	41.4	33.7
Teaching	18.2	20.6	20.7	D	12.6	D
Management or administration	10.8	10.3	10.4	D	11.9	D
Professional services	7.7	7.7	8.1	10.7	7.0	6.7
Other	0.3	0.4	0.3	0.0	0.3	0.0
No secondary activity	33.8	46.7	31.5	28.6	26.9	36.8
Activity unknown	4.5	6.0	3.9	3.4	4.0	6.3
Postgraduation location (%) <sup>k</sup>						
United States <sup>l</sup>	93.3	95.7	93.2	D	90.8	D
New England	4.1	3.4	4.7	D	4.0	D
Middle Atlantic	11.0	10.1	9.6	D	15.7	D
East North Central	14.1	15.8	13.1	D	16.5	D
West North Central	6.9	6.0	7.3	10.0	6.1	7.1
South Atlantic	20.1	18.2	22.9	30.0	14.8	16.3
East South Central	7.6	11.7	6.3	20.0	6.3	6.6
West South Central	10.6	11.8	10.4	16.7	10.1	8.2
Mountain	8.3	10.3	7.9	D	8.0	D
Pacific and insular	10.3	8.2	10.4	D	9.0	D
Not in United States	6.6	4.3	6.7	D	9.2	D
Location unknown	*	0.0	0.1	0.0	0.0	0.0
Male doctorate recipients (number)	1,496	323	764	18	272	119
Postgraduation status (number) <sup>b</sup>						
Definite postgraduation study	80	6	55	D	13	D
Definite employment	908	208	453	D	175	D
Seeking employment or study	335	64	175	5	69	22

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Other <sup>c</sup>	34	5	20	0	4	5
Definite postgraduation study (%) <sup>d</sup>						
Postdoc fellowship or research associateship	87.5	100.0	81.8	D	100.0	D
Other or unknown <sup>e</sup>	12.5	0.0	18.2	0.0	0.0	0.0
Definite employment (%) <sup>f</sup>						
Academe	58.9	D	63.8	D	69.7	51.7
Government	4.3	D	5.1	0.0	0.0	D
Industry or business <sup>g</sup>	5.2	5.8	4.9	D	2.9	D
Nonprofit organization	8.1	8.2	9.3	0.0	4.0	13.3
Other or unknown <sup>h</sup>	23.5	37.0	17.0	41.7	23.4	21.7
Primary activity <sup>i</sup>						
R&D	12.7	6.0	17.4	D	D	D
Teaching	39.7	19.6	34.7	50.0	78.6	32.1
Management or administration	38.9	65.3	37.0	D	10.1	D
Professional services	8.4	9.0	10.7	D	D	D
Other	0.2	0.0	0.2	0.0	0.6	0.0
Secondary activity <sup>j</sup>						
R&D	28.8	15.1	30.6	D	40.5	D
Teaching	19.4	22.6	22.6	D	10.7	D
Management or administration	10.9	10.1	10.7	D	13.1	D
Professional services	8.4	7.0	7.3	D	10.7	D
Other	0.2	0.0	0.2	0.0	0.6	0.0
No secondary activity	32.4	45.2	28.5	41.7	24.4	39.3
Activity unknown	3.9	4.3	3.3	0.0	4.0	6.7
Postgraduation location (%) <sup>k</sup>						
United States <sup>l</sup>	91.7	95.8	91.3	D	87.8	D
New England	4.7	D	5.1	0.0	5.3	D
Middle Atlantic	10.4	10.3	10.0	0.0	12.8	9.2
East North Central	13.2	15.4	12.6	0.0	14.4	9.2
West North Central	7.5	4.7	8.3	D	6.9	D
South Atlantic	17.4	19.2	18.1	38.5	13.3	13.8
East South Central	7.6	D	6.5	D	3.7	7.7
West South Central	11.1	12.6	10.4	D	13.3	D
Mountain	8.3	D	9.1	0.0	8.0	D
Pacific and insular	11.2	8.9	10.8	D	9.6	D
Not in United States	8.3	4.2	8.7	D	12.2	D
Location unknown	0.0	0.0	0.0	0.0	0.0	0.0
Female doctorate recipients (number)	3,337	575	1,742	79	691	250
Postgraduation status (number) <sup>b</sup>						
Definite postgraduation study	200	10	128	D	44	D
Definite employment	1,933	359	992	D	422	D
Seeking employment or study	817	126	446	23	162	60
Other <sup>c</sup>	92	12	49	8	18	5

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(Number and percent)

Characteristic	All education fields	Education administration	Education research	Teacher education	Teaching fields	Other education
Definite postgraduation study (%) <sup>d</sup>						
Postdoc fellowship or research associateship	90.5	80.0	89.8	D	93.2	D
Other or unknown <sup>e</sup>	9.5	20.0	10.2	0.0	6.8	5.9
Definite employment (%) <sup>f</sup>						
Academe	55.5	D	54.4	D	66.1	54.4
Government	5.1	D	5.9	D	3.3	5.3
Industry or business <sup>g</sup>	6.8	4.2	8.8	D	4.5	D
Nonprofit organization	7.6	7.2	8.3	D	5.5	D
Other or unknown <sup>h</sup>	25.0	38.7	22.6	19.6	20.6	21.9
Primary activity <sup>i</sup>						
R&D	12.6	5.4	16.4	D	10.4	D
Teaching	44.1	30.2	37.4	65.9	70.9	37.4
Management or administration	29.8	56.6	28.1	D	10.1	D
Professional services	13.3	7.5	17.9	D	8.4	D
Other	0.2	0.3	0.2	0.0	0.2	0.0
Secondary activity <sup>j</sup>						
R&D	29.4	13.8	28.3	D	41.7	D
Teaching	17.7	19.5	19.8	D	13.3	D
Management or administration	10.7	10.5	10.3	13.6	11.4	11.2
Professional services	7.4	8.1	8.4	D	5.4	D
Other	0.3	0.6	0.3	0.0	0.2	0.0
No secondary activity	34.4	47.6	32.8	25.0	27.9	35.5
Activity unknown	4.8	7.0	4.2	4.3	4.0	6.1
Postgraduation location (%) <sup>k</sup>						
United States <sup>l</sup>	94.1	95.7	94.1	D	92.1	D
New England	3.9	D	4.5	D	3.4	D
Middle Atlantic	11.3	10.0	9.5	D	17.0	D
East North Central	14.5	16.0	13.4	D	17.4	D
West North Central	6.6	6.8	6.9	D	5.8	D
South Atlantic	21.3	17.6	25.1	27.7	15.5	17.6
East South Central	7.5	D	6.2	D	7.3	6.1
West South Central	10.4	11.4	10.4	D	8.8	D
Mountain	8.3	D	7.4	D	7.9	7.6
Pacific and insular	9.8	7.9	10.2	D	8.8	D
Not in United States	5.9	4.3	5.8	D	7.9	D
Location unknown	*	0.0	0.1	0.0	0.0	0.0

\* = value between 0.00% and 0.05%; D = suppressed to avoid disclosure of confidential information.

<sup>a</sup> Includes respondents who did not report sex.<sup>b</sup> Includes only respondents who reported postgraduation status.<sup>c</sup> 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.<sup>d</sup> Excludes respondents who indicated plans for other full-time degree program. Percentages based on number of doctorate recipients reporting definite postgraduation plans for study.<sup>e</sup> "Other" includes respondents who indicated definite postgraduation study plans for traineeship, internship or clinical residency, or other study.<sup>f</sup> Percentages based on number of doctorate recipients reporting definite postgraduation plans for employment.

<sup>g</sup> Includes doctorate recipients who indicated self-employment.

<sup>h</sup> "Other" is mainly composed of elementary and secondary schools.

<sup>i</sup> Percentages based on number of doctorate recipients reporting definite postgraduation plans for employment and primary work activity.

<sup>j</sup> Percentages based on number of doctorate recipients reporting definite postgraduation plans for employment and secondary work activity.

<sup>k</sup> Percentages based on number of doctorate recipients reporting definite postgraduation plans and type of plans.

<sup>l</sup> 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.