

Table 67

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

(Number and percent)

Characteristic	All education fields	Education administration	Education research	Teacher education	Teaching fields	Other education
All doctorate recipients (number) ^a	4,716	927	2,312	113	940	424
Postgraduation status (number) ^b						
Definite postgraduation study	305	15	199	D	60	D
Definite employment	2,805	630	1,344	D	543	D
Seeking employment or study	1,050	149	534	37	245	85
Other ^c	127	15	67	1	30	14
Definite postgraduation study (%) ^d						
Postdoc fellowship or research associateship	92.5	93.3	90.5	D	95.0	D
Other or unknown ^e	7.5	6.7	9.5	D	5.0	D
Definite employment (%) ^f						
Academe	55.9	41.1	60.7	60.9	63.0	50.4
Government	4.1	4.1	4.4	D	2.9	D
Industry or business ^g	7.4	5.2	9.3	7.8	5.7	5.8
Nonprofit organization	6.4	6.5	6.8	D	3.9	D
Other or unknown ^h	26.2	43.0	18.8	25.0	24.5	27.2
Primary activity ⁱ						
R&D	12.8	6.3	17.3	D	10.6	D
Teaching	40.2	21.1	37.1	66.1	64.4	46.6
Management or administration	33.0	61.3	27.1	22.6	18.4	28.2
Professional services	13.5	11.2	18.0	D	5.9	D
Other	0.5	0.2	0.5	0.0	0.8	1.0
Secondary activity ^j						
R&D	25.6	14.8	27.4	35.5	35.8	17.5
Teaching	20.1	21.1	21.8	D	16.0	D
Management or administration	9.4	9.3	9.2	12.9	9.4	10.2
Professional services	7.2	6.3	8.7	D	5.1	D
Other	0.6	1.0	0.5	0.0	0.2	1.5
No secondary activity	37.0	47.5	32.4	25.8	33.5	48.1
Activity unknown	5.5	6.5	4.6	3.1	5.9	8.0
Postgraduation location (%) ^k						
United States ^l	93.5	96.7	93.5	89.4	90.2	94.1
New England	4.5	4.8	3.8	D	4.1	D
Middle Atlantic	10.8	8.2	9.5	12.1	15.4	14.2
East North Central	14.1	18.1	14.6	D	D	5.9
West North Central	6.4	6.0	6.4	0.0	7.6	5.9
South Atlantic	19.3	18.3	20.3	19.7	18.7	16.6
East South Central	8.4	11.2	8.0	22.7	6.5	4.3
West South Central	11.3	13.6	11.1	12.1	10.9	6.7
Mountain	7.6	8.5	7.5	D	D	6.7
Pacific and insular	10.8	7.4	11.9	D	6.5	D
Not in United States	6.5	3.3	6.5	10.6	9.8	5.9
Location unknown	0.0	0.0	0.0	0.0	0.0	0.0
Male doctorate recipients (number)	1,456	346	675	28	292	115
Postgraduation status (number) ^b						
Definite postgraduation study	81	D	54	0	17	D
Definite employment	892	D	405	16	173	D
Seeking employment or study	296	44	153	5	70	24

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Characteristic	All education fields	Education administration	Education research	Teacher education	Teaching fields	Other education
Other ^c	37	9	17	0	6	5
Definite postgraduation study (%) ^d						
Postdoc fellowship or research associateship	93.8	D	92.6	D	94.1	D
Other or unknown ^e	6.2	0.0	7.4	D	5.9	D
Definite employment (%) ^f						
Academe	58.5	D	62.7	D	69.9	51.7
Government	4.9	3.8	5.7	0.0	4.0	8.6
Industry or business ^g	7.0	6.7	9.1	D	D	D
Nonprofit organization	6.7	7.1	7.4	0.0	D	D
Other or unknown ^h	22.9	38.8	15.1	12.5	21.4	19.0
Primary activity ⁱ						
R&D	14.1	5.4	18.4	D	D	18.5
Teaching	36.4	20.2	31.9	60.0	68.1	35.2
Management or administration	38.6	63.7	35.1	D	14.4	D
Professional services	10.6	10.8	14.3	D	D	D
Other	0.2	0.0	0.3	0.0	0.6	0.0
Secondary activity ^j						
R&D	23.8	14.3	26.2	D	D	14.8
Teaching	22.3	23.8	23.6	D	16.9	D
Management or administration	10.8	11.2	9.9	D	D	9.3
Professional services	7.8	7.2	9.4	D	D	D
Other	0.6	0.9	0.8	0.0	0.0	0.0
No secondary activity	34.8	42.6	30.1	40.0	30.6	46.3
Activity unknown	6.2	7.1	4.9	6.3	7.5	6.9
Postgraduation location (%) ^k						
United States ^l	91.9	96.7	90.4	D	88.4	92.3
New England	4.2	3.7	3.1	0.0	5.8	10.8
Middle Atlantic	10.7	7.8	D	D	16.8	12.3
East North Central	14.6	21.4	15.9	0.0	D	D
West North Central	6.8	7.4	6.5	0.0	6.8	7.7
South Atlantic	19.1	16.9	D	D	19.5	15.4
East South Central	8.1	9.9	8.1	43.8	D	D
West South Central	10.7	12.3	9.4	D	12.6	D
Mountain	7.4	9.1	6.5	D	D	10.8
Pacific and insular	10.0	7.4	10.9	0.0	7.9	21.5
Not in United States	8.1	3.3	9.6	D	11.6	7.7
Location unknown	0.0	0.0	0.0	0.0	0.0	0.0
Female doctorate recipients (number)	3,259	580	1,637	85	648	309
Postgraduation status (number) ^b						
Definite postgraduation study	224	D	145	D	43	22
Definite employment	1,913	D	939	D	370	166
Seeking employment or study	754	105	381	32	175	61
Other ^c	90	6	50	1	24	9
Definite postgraduation study (%) ^d						
Postdoc fellowship or research associateship	92.0	D	89.7	D	95.3	D
Other or unknown ^e	8.0	8.3	10.3	D	4.7	D

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(Number and percent)

Characteristic	All education fields	Education administration	Education research	Teacher education	Teaching fields	Other education
Definite employment (%) ^f						
Academe	54.7	D	59.9	D	59.7	50.0
Government	3.7	4.4	3.8	D	2.4	D
Industry or business ^g	7.6	4.4	9.4	D	D	D
Nonprofit organization	6.3	6.2	6.5	D	D	9.6
Other or unknown ^h	27.7	45.6	20.4	29.2	25.9	30.1
Primary activity ⁱ						
R&D	12.1	6.8	16.8	D	D	D
Teaching	41.9	21.6	39.2	68.1	62.7	50.7
Management or administration	30.4	59.8	23.7	D	20.2	D
Professional services	14.9	11.5	19.6	D	D	13.8
Other	0.6	0.3	0.6	0.0	0.9	1.3
Secondary activity ^j						
R&D	26.5	15.0	27.9	D	D	18.4
Teaching	19.1	19.4	21.1	19.1	15.7	14.5
Management or administration	8.8	8.2	8.9	D	D	10.5
Professional services	6.9	5.7	8.5	D	D	5.9
Other	0.6	1.1	0.3	0.0	0.3	2.0
No secondary activity	38.1	50.5	33.3	21.3	34.8	48.7
Activity unknown	5.2	6.2	4.5	2.1	5.1	8.4
Postgraduation location (%) ^k						
United States ^l	94.2	96.8	94.7	D	91.0	94.7
New England	4.7	5.5	4.1	D	3.4	D
Middle Atlantic	10.9	8.5	D	D	14.8	14.9
East North Central	13.8	16.2	14.0	D	15.3	D
West North Central	6.2	5.2	6.4	0.0	8.0	5.3
South Atlantic	19.4	19.2	D	D	18.4	17.0
East South Central	8.5	11.9	7.9	16.0	D	D
West South Central	11.5	14.4	11.8	D	10.2	D
Mountain	7.6	8.2	7.9	D	D	5.3
Pacific and insular	11.1	7.5	12.3	D	5.8	D
Not in United States	5.8	3.2	5.3	D	9.0	5.3
Location unknown	0.0	0.0	0.0	0.0	0.0	0.0

D = suppressed to avoid disclosure of confidential information.

^a Includes respondents who did not report sex.^b Includes only respondents who reported postgraduation status.^c 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.^d Excludes respondents who indicated plans for other full-time degree program. Percentages based on number of doctorate recipients reporting definite postgraduation plans for study.^e Other includes respondents who indicated definite postgraduation study plans for traineeship, internship or clinical residency, or other study.^f Percentages based on number of doctorate recipients reporting definite postgraduation plans for employment.^g Includes doctorate recipients who indicated self-employment.^h Other is mainly composed of elementary and secondary schools.ⁱ Percentages based on number of doctorate recipients reporting definite postgraduation plans for employment and primary work activity.^j Percentages based on number of doctorate recipients reporting definite postgraduation plans for employment and secondary work activity.^k Percentages based on number of doctorate recipients reporting definite postgraduation plans and type of plans.^l 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.