

Table 61. Statistical profile of postgraduation plans of doctorate recipients in mathematics and computer sciences fields, by sex and field of study: 2015

Characteristic	All mathematics and computer sciences fields	Computer and information sciences	Mathematics and statistics
All doctorate recipients (number) ^a	3,825	2,005	1,820
Postgraduation status (number) ^b			
Definite postgraduation study	746	248	498
Definite employment	1,461	865	596
Seeking employment or study	885	451	434
Other ^c	144	83	61
Definite postgraduation study (%) ^d			
Postdoc fellowship	50.7	39.9	56.0
Postdoc research associateship	48.4	59.3	43.0
Other or unknown ^e	0.9	0.8	1.0
Definite employment (%) ^f			
Academe	33.7	24.6	46.8
Government	5.3	5.3	5.4
Industry or business ^g	56.7	65.8	43.6
Nonprofit organization	2.9	2.9	2.9
Other or unknown ^h	1.4	1.4	1.3
Primary activity ^j			
R&D	66.7	75.1	54.3
Teaching	23.0	13.2	37.4
Management or administration	2.8	3.4	2.0
Professional services	3.3	2.9	3.9
Other	4.2	5.4	2.5
Secondary activity ^j			
R&D	19.9	13.2	29.7
Teaching	10.0	10.3	9.4
Management or administration	9.9	10.7	8.7
Professional services	6.2	6.0	6.4
Other	1.5	1.4	1.6
No secondary activity	52.5	58.2	44.1
Activity unknown	4.7	3.9	5.7
Postgraduation location (%) ^k			
United States ^l	88.9	90.7	87.0
New England	8.7	7.6	9.7
Middle Atlantic	14.3	12.6	16.0
East North Central	10.3	6.8	13.9
West North Central	3.2	2.4	4.0
South Atlantic	12.5	10.1	15.0
East South Central	1.9	1.9	1.8
West South Central	5.4	4.4	6.4
Mountain	4.4	3.9	5.0
Pacific and insular	28.2	41.0	15.2
Not in United States	10.8	8.8	12.8

Table 61. Statistical profile of postgraduation plans of doctorate recipients in mathematics and computer sciences fields, by sex and field of study: 2015

Characteristic	All mathematics and computer sciences fields	Computer and information sciences	Mathematics and statistics
Location unknown	0.4	0.5	0.2
Male doctorate recipients (number)	2,880	1,582	1,298
Postgraduation status (number) ^b			
Definite postgraduation study	579	198	381
Definite employment	1,103	711	392
Seeking employment or study	662	342	320
Other ^c	104	64	40
Definite postgraduation study (%) ^d			
Postdoc fellowship	50.9	39.9	56.7
Postdoc research associateship	47.8	59.1	42.0
Other or unknown ^e	1.2	1.0	1.3
Definite employment (%) ^f			
Academe	30.0	22.4	43.9
Government	5.9	D	D
Industry or business ^g	59.7	67.5	45.4
Nonprofit organization	3.0	D	D
Other or unknown ^h	1.5	1.7	1.0
Primary activity ⁱ			
R&D	68.9	76.5	55.1
Teaching	20.8	12.1	36.4
Management or administration	2.8	D	D
Professional services	3.0	D	D
Other	4.5	5.6	2.7
Secondary activity ^j			
R&D	17.8	12.1	28.2
Teaching	8.7	9.1	8.0
Management or administration	10.2	11.3	8.2
Professional services	5.8	5.8	5.9
Other	1.6	1.6	1.6
No secondary activity	55.8	60.1	48.1
Activity unknown	3.9	3.8	4.1
Postgraduation location (%) ^k			
United States ^l	89.5	91.7	86.8
New England	8.3	7.5	9.3
Middle Atlantic	14.8	13.6	16.2
East North Central	10.2	6.9	14.0
West North Central	3.4	D	D
South Atlantic	11.8	9.7	14.4
East South Central	1.5	D	D
West South Central	5.2	4.5	6.0
Mountain	4.3	4.0	4.8
Pacific and insular	30.0	41.5	16.4
Not in United States	10.3	7.8	13.2

Table 61. Statistical profile of postgraduation plans of doctorate recipients in mathematics and computer sciences fields, by sex and field of study: 2015

Characteristic	All mathematics and computer sciences fields	Computer and information sciences	Mathematics and statistics
Location unknown	0.2	0.4	0.0
Female doctorate recipients (number)	943	423	520
Postgraduation status (number) ^b			
Definite postgraduation study	167	50	117
Definite employment	358	154	204
Seeking employment or study	223	109	114
Other ^c	40	19	21
Definite postgraduation study (%) ^d			
Postdoc fellowship	49.7	40.0	53.8
Postdoc research associateship	50.3	60.0	46.2
Other or unknown ^e	0.0	0.0	0.0
Definite employment (%) ^f			
Academe	45.0	35.1	52.5
Government	3.6	D	D
Industry or business ^g	47.8	57.8	40.2
Nonprofit organization	2.5	D	D
Other or unknown ^h	1.1	0.0	2.0
Primary activity ⁱ			
R&D	59.8	68.7	52.7
Teaching	30.0	18.4	39.2
Management or administration	2.7	D	D
Professional services	4.2	D	D
Other	3.3	4.8	2.2
Secondary activity ^j			
R&D	26.4	18.4	32.8
Teaching	14.1	16.3	12.4
Management or administration	9.0	8.2	9.7
Professional services	7.2	6.8	7.5
Other	1.2	0.7	1.6
No secondary activity	42.0	49.7	36.0
Activity unknown	7.0	4.5	8.8
Postgraduation location (%) ^k			
United States ^l	86.9	85.8	87.5
New England	9.7	8.3	10.6
Middle Atlantic	12.6	7.8	15.6
East North Central	10.9	6.4	13.7
West North Central	2.7	D	D
South Atlantic	14.7	11.8	16.5
East South Central	3.0	D	D
West South Central	6.1	3.9	7.5
Mountain	4.8	3.4	5.6
Pacific and insular	22.5	38.7	12.1
Not in United States	12.4	13.2	11.8

Table 61. Statistical profile of postgraduation plans of doctorate recipients in mathematics and computer sciences fields, by sex and field of study: 2015

Characteristic	All mathematics and computer sciences fields	Computer and information sciences	Mathematics and statistics
Location unknown	0.8	1.0	0.6

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 the 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.

NOTES: 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: National Science Foundation, National Center for Science and Engineering Statistics, Survey of Earned Doctorates, 2015.