

TABLE 57. Statistical profile of postgraduation plans of doctorate recipients in life sciences fields, by sex and field of study: 2014

Characteristic	All life sciences fields	Agricultural sciences and natural resources	Biological, biomedical sciences	Health sciences
All doctorate recipients (number) ^a	12,504	1,303	8,991	2,210
Postgraduation status (number) ^b				
Definite postgraduation study	3,969	294	3,336	339
Definite employment	2,138	336	1,000	802
Seeking employment or study	3,981	458	2,894	629
Other ^c	786	37	659	90
Definite postgraduation study (%) ^d				
Postdoc fellowship	57.6	33.0	58.4	71.1
Postdoc research associateship	39.9	65.6	38.8	27.4
Other or unknown ^e	2.5	1.4	2.8	1.5
Definite employment (%) ^f				
Academe	47.6	41.1	40.0	59.9
Government	11.4	19.6	9.5	10.3
Industry or business ^g	29.7	32.7	41.5	13.7
Nonprofit organization	9.4	5.4	6.6	14.6
Other or unknown ^h	1.9	1.2	2.4	1.5
Primary activity ⁱ				
R&D	45.3	61.5	53.2	29.0
Teaching	29.2	22.1	21.6	41.5
Management or administration	10.6	7.3	7.5	15.7
Professional services	12.5	6.6	14.5	12.6
Other	2.4	2.5	3.2	1.3
Secondary activity ^j				
R&D	28.1	22.4	21.6	38.3
Teaching	13.3	13.2	10.7	16.5
Management or administration	16.4	22.4	17.7	12.3
Professional services	9.2	11.4	8.9	8.7
Other	1.6	1.6	1.8	1.3
No secondary activity	31.5	29.0	39.3	22.9
Activity unknown	4.8	5.7	5.3	3.7
Postgraduation location (%) ^k				
United States ^l	91.4	83.5	92.0	93.8
New England	9.9	3.8	12.0	5.3
Middle Atlantic	12.1	5.9	12.8	13.0
East North Central	11.0	13.5	10.3	12.4
West North Central	6.5	11.9	5.4	7.5
South Atlantic	18.1	14.0	17.2	24.0
East South Central	3.7	4.6	3.1	5.3
West South Central	7.3	7.8	6.6	9.5
Mountain	4.5	7.6	4.1	4.3
Pacific and insular	18.1	14.3	20.2	12.2
Not in United States	8.4	16.0	7.8	6.1
Location unknown	0.2	0.5	0.2	0.1
Male doctorate recipients (number)	5,468	673	4,134	661
Postgraduation status (number) ^b				
Definite postgraduation study	1,850	164	1,583	103
Definite employment	873	168	488	217
Seeking employment or study	1,632	222	1,228	182
Other ^c	363	18	316	29
Definite postgraduation study (%) ^d				
Postdoc fellowship	56.3	34.8	57.6	70.9

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Postdoc research associateship	41.0	64.6	39.4	28.2
Other or unknown ^e	2.7	0.6	3.0	1.0
Definite employment (%) ^f				
Academe	40.9	38.7	35.5	54.8
Government	13.1	20.2	10.2	13.8
Industry or business ^g	37.7	34.5	46.5	20.3
Nonprofit organization	6.5	4.8	5.7	9.7
Other or unknown ^h	1.8	1.8	2.0	1.4
Primary activity ⁱ				
R&D	56.1	65.0	61.0	37.9
Teaching	21.5	20.6	16.3	34.0
Management or administration	8.4	8.1	5.9	14.3
Professional services	11.9	4.4	14.4	12.3
Other	2.1	1.9	2.4	1.5
Secondary activity ^j				
R&D	22.5	20.6	18.7	32.5
Teaching	12.0	13.8	9.8	15.8
Management or administration	19.5	26.9	19.2	14.3
Professional services	10.5	10.6	10.2	10.8
Other	1.1	0.6	1.5	0.5
No secondary activity	34.4	27.5	40.5	26.1
Activity unknown	5.8	4.8	5.9	6.5
Postgraduation location (%) ^k				
United States ^l	90.3	81.0	91.5	92.5
New England	10.6	3.9	12.7	4.1
Middle Atlantic	12.2	5.1	13.4	11.9
East North Central	10.3	16.3	9.5	9.7
West North Central	6.8	10.8	5.8	8.4
South Atlantic	15.9	11.7	15.0	26.3
East South Central	3.5	3.6	3.3	4.4
West South Central	6.8	7.5	6.1	10.6
Mountain	4.7	7.8	4.3	3.8
Pacific and insular	19.4	13.9	21.2	13.4
Not in United States	9.4	18.1	8.4	7.2
Location unknown	0.3	0.9	0.2	0.3
Female doctorate recipients (number)	6,998	629	4,825	1,544
Postgraduation status (number) ^b				
Definite postgraduation study	2,119	130	1,753	236
Definite employment	1,265	168	512	585
Seeking employment or study	2,349	236	1,666	447
Other ^c	423	19	343	61
Definite postgraduation study (%) ^d				
Postdoc fellowship	58.7	30.8	59.1	71.2
Postdoc research associateship	38.9	66.9	38.4	27.1
Other or unknown ^e	2.4	2.3	2.5	1.7
Definite employment (%) ^f				
Academe	52.3	43.5	44.3	61.7
Government	10.3	19.0	8.8	9.1
Industry or business ^g	24.2	31.0	36.7	11.3
Nonprofit organization	11.4	6.0	7.4	16.4
Other or unknown ^h	1.9	0.6	2.7	1.5

TABLE 57. Statistical profile of postgraduation plans of doctorate recipients in life sciences fields, by sex and field of study: 2014

Characteristic	All life sciences fields	Agricultural sciences and natural resources	Biological, biomedical sciences	Health sciences
Primary activityⁱ				
R&D	38.1	58.0	45.9	25.8
Teaching	34.4	23.6	26.6	44.1
Management or administration	12.0	6.4	9.0	16.2
Professional services	12.9	8.9	14.5	12.7
Other	2.6	3.2	3.9	1.2
Secondary activity^j				
R&D	31.9	24.2	24.4	40.4
Teaching	14.1	12.7	11.5	16.7
Management or administration	14.3	17.8	16.4	11.6
Professional services	8.3	12.1	7.6	7.9
Other	1.9	2.5	2.0	1.6
No secondary activity	29.5	30.6	38.1	21.8
Activity unknown	4.0	6.5	4.7	2.7
Postgraduation location (%)^k				
United States ^l	92.3	86.2	92.4	94.3
New England	9.4	3.7	11.4	5.8
Middle Atlantic	12.1	6.7	12.3	13.4
East North Central	11.6	10.4	11.0	13.5
West North Central	6.3	13.1	5.1	7.2
South Atlantic	19.9	16.4	19.2	23.1
East South Central	3.9	5.7	3.0	5.7
West South Central	7.7	8.1	7.1	9.0
Mountain	4.4	7.4	3.9	4.5
Pacific and insular	17.0	14.8	19.2	11.7
Not in United States	7.5	13.8	7.4	5.7
Location unknown	0.1	0.0	0.2	0.0

^a Includes respondents who did not report sex.

^b Includes only respondents who responded to 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: Due to rounding, percentages may not sum to 100.

SOURCE: NSF, NIH, USED, USDA, NEH, NASA, Survey of Earned Doctorates, 2014.