

Table 9-3

**Agricultural sciences and natural resources research doctorate recipients, postgraduation plans by sex and major field of doctorate: 2021**

(Number and percent)

Characteristic	All agricultural sciences and natural resources fields	Agricultural, animal, plant, and veterinary sciences	Natural resources and conservation
Doctorate recipients reporting postgraduation status (number)	1,108	732	376
Definite postdoctoral training plans	31.0	30.6	31.9
Definite employment plans	36.3	39.1	30.9
Seeking employment or study	30.4	27.9	35.4
Other status <sup>a</sup>	2.3	2.5	1.9
Definite postdoctoral training plans (%) <sup>b</sup>			
Postdoc fellowship or research associateship	96.8	96.0	98.3
Other training or unknown <sup>c</sup>	3.2	4.0	1.7
Definite employment plans (%) <sup>d</sup>			
Academe	33.1	32.5	34.5
In tenure track faculty position (%)	45.9	47.3	42.5
Not in tenure track position (%)	52.6	50.5	57.5
Government	14.7	9.1	28.4
Industry or business <sup>e</sup>	44.0	52.8	22.4
Nonprofit organization	4.7	2.1	11.2
Other or unknown <sup>f</sup>	3.5	3.5	3.4
Primary activity <sup>g</sup>			
Research and development	55.9	62.2	40.4
Teaching	17.6	16.1	21.1
Management or administration	7.4	3.7	16.5
Professional services and other	19.1	18.0	22.0
Secondary activity <sup>g</sup>			
Research and development	21.5	19.9	25.7
Teaching	12.5	11.6	14.7
Management or administration	17.0	17.2	16.5
Professional services and other	13.6	15.0	10.1
No secondary activity	35.4	36.3	33.0
Activity unknown	6.5	6.6	6.0
Postgraduation location (%) <sup>h</sup>			
United States <sup>i</sup>	88.2	88.2	88.1
Midwest	23.2	28.2	12.3
Northeast	8.6	7.8	10.2
South	32.2	32.7	30.9
West	23.6	18.4	34.7
Outside the United States	11.7	11.6	11.9
Location unknown	0.1	0.2	0.0
Postgraduation location in same state as doctorate institution (%)	43.3	40.8	48.7
Male doctorate recipients reporting postgraduation status (number)	549	374	175
Definite postdoctoral training plans	31.0	29.4	34.3
Definite employment plans	38.8	42.0	32.0
Seeking employment or study	27.9	26.5	30.9
Other status <sup>a</sup>	2.4	2.1	2.9
Definite postdoctoral training plans (%) <sup>b</sup>			

Table 9-3

**Agricultural sciences and natural resources research doctorate recipients, postgraduation plans by sex and major field of doctorate: 2021**

(Number and percent)

Characteristic	All agricultural sciences and natural resources fields	Agricultural, animal, plant, and veterinary sciences	Natural resources and conservation
Postdoc fellowship or research associateship	97.6	97.3	98.3
Other training or unknown <sup>c</sup>	2.4	2.7	1.7
Definite employment plans (%) <sup>d</sup>			
Academe	31.0	29.9	33.9
In tenure track faculty position (%)	47.0	44.7	52.6
Not in tenure track position (%)	50.0	51.1	47.4
Government	15.0	D	D
Industry or business <sup>e</sup>	47.4	56.1	23.2
Nonprofit organization	4.7	D	D
Other or unknown <sup>f</sup>	1.9	1.3	3.6
Primary activity <sup>g</sup>			
Research and development	61.0	66.7	45.3
Teaching	14.0	D	D
Management or administration	8.0	D	D
Professional services and other	17.0	15.6	20.8
Secondary activity <sup>g</sup>			
Research and development	20.0	17.7	26.4
Teaching	14.0	12.9	17.0
Management or administration	17.5	17.0	18.9
Professional services and other	16.0	17.7	11.3
No secondary activity	32.5	34.7	26.4
Activity unknown	6.1	6.4	5.4
Postgraduation location (%) <sup>h</sup>			
United States <sup>i</sup>	84.9	85.0	84.5
Midwest	23.2	28.5	11.2
Northeast	7.3	6.4	9.5
South	32.4	33.0	31.0
West	21.4	16.5	32.8
Outside the United States	14.9	14.6	15.5
Location unknown	0.3	0.4	0.0
Postgraduation location in same state as doctorate institution (%)	36.8	36.7	37.1
Female doctorate recipients reporting postgraduation status (number)	559	358	201
Definite postdoctoral training plans	31.1	31.8	29.9
Definite employment plans	33.8	36.0	29.9
Seeking employment or study	32.9	29.3	39.3
Other status <sup>a</sup>	2.1	2.8	1.0
Definite postdoctoral training plans (%) <sup>b</sup>			
Postdoc fellowship or research associateship	96.0	94.7	98.3
Other training or unknown <sup>c</sup>	4.0	5.3	1.7
Definite employment plans (%) <sup>d</sup>			
Academe	35.4	35.7	35.0
In tenure track faculty position (%)	44.8	50.0	33.3
Not in tenure track position (%)	55.2	50.0	66.7

**Table 9-3****Agricultural sciences and natural resources research doctorate recipients, postgraduation plans by sex and major field of doctorate: 2021**

(Number and percent)

Characteristic	All agricultural sciences and natural resources fields	Agricultural, animal, plant, and veterinary sciences	Natural resources and conservation
Government	14.3	D	D
Industry or business <sup>e</sup>	40.2	48.8	21.7
Nonprofit organization	4.8	D	D
Other or unknown <sup>f</sup>	5.3	6.2	3.3
Primary activity <sup>g</sup>			
Research and development	50.0	56.7	35.7
Teaching	21.6	D	D
Management or administration	6.8	D	D
Professional services and other	21.6	20.8	23.2
Secondary activity <sup>g</sup>			
Research and development	23.3	22.5	25.0
Teaching	10.8	10.0	12.5
Management or administration	16.5	17.5	14.3
Professional services and other	10.8	11.7	8.9
No secondary activity	38.6	38.3	39.3
Activity unknown	6.9	7.0	6.7
Postgraduation location (%) <sup>h</sup>			
United States <sup>i</sup>	91.7	91.8	91.7
Midwest	23.1	28.0	13.3
Northeast	9.9	9.5	10.8
South	32.0	32.5	30.8
West	25.9	20.6	36.7
Outside the United States	8.3	8.2	8.3
Location unknown	0.0	0.0	0.0
Postgraduation location in same state as doctorate institution (%)	50.1	45.3	60.0

D = suppressed to avoid disclosure of confidential information.

<sup>a</sup> Includes doctorate recipients reporting: no plans to work or study, some other type of postgraduation plans, or definite plans for other full-time degree program.<sup>b</sup> Excludes doctorate recipients reporting plans for other full-time degree program. Percentages based on number of doctorate recipients reporting definite postdoctoral plans for study.<sup>c</sup> Other includes doctorate recipients who reported definite postdoctoral plans for traineeship, internship or clinical residency, or other study.<sup>d</sup> Percentages based on number of doctorate recipients reporting definite postgraduation plans for employment.<sup>e</sup> Includes doctorate recipients reporting self-employment.<sup>f</sup> Other is mainly composed of elementary and secondary schools.<sup>g</sup> Percentages based on number of doctorate recipients reporting definite postgraduation plans for employment and primary or secondary work activity.<sup>h</sup> Percentages based on number of doctorate recipients reporting definite postgraduation plans and type of plans.<sup>i</sup> Includes cases with an unknown U.S. region of employment after doctorate, thus the percentages by regions will not sum to the value for United States; see the "Technical Notes" for states or territories included in regions.**Note(s):**

Due to rounding, percentages may not sum to 100. Beginning in 2021, a modified version of the 2020 Classification of Instructional Programs (CIP) codes was used in the survey data collection, and the new broad, major, and detailed fields were used in tables reporting only the most recent data year. Therefore, the field of doctorate data in 2021 may not be comparable to prior years; see the "Technical Notes" for more information, table A-4 for a summary of SED-CIP codes in the new SED field taxonomy, table A-5 for a full list of SED-CIP codes in the new field taxonomy, and table A-6 for the SED-CIP code crosswalk to the historical field taxonomy.

**Source(s):**

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