

**Table 9-5. Computer and information sciences research doctorate recipients, postgraduation plans by sex and major field of doctorate: 2024**

(Number and percent)

Characteristic	All computer and information sciences fields	Computer science	Computer and information sciences, other
Doctorate recipients reporting postgraduation status (number)	2,256	1,553	703
Definite postdoctoral training plans	19.6	21.6	15.2
Definite employment plans	56.5	54.9	59.9
Seeking employment or study	22.0	21.4	23.5
Other status <sup>a</sup>	1.9	2.1	1.4
Definite postdoctoral training plans (%) <sup>b</sup>			
Postdoc fellowship or research associateship	96.2	97.0	93.5
Other training or unknown <sup>c</sup>	3.8	3.0	6.5
Definite employment plans (%) <sup>d</sup>			
Academe	30.3	28.0	34.9
In tenure track faculty position (%)	61.4	60.7	62.6
Not in tenure track position (%)	35.5	37.2	32.7
Government	2.4	1.8	3.6
Industry or business <sup>e</sup>	63.0	66.4	56.1
Nonprofit organization	3.1	2.6	4.0
Other or unknown <sup>f</sup>	1.3	1.3	1.4
Primary activity <sup>g</sup>			
Research and development	65.5	68.3	59.8
Teaching	16.9	16.1	18.6
Management or administration	2.6	1.2	5.3
Professional services and other	15.0	14.3	16.4
Secondary activity <sup>g</sup>			
Research and development	21.6	20.0	24.8
Teaching	12.9	11.4	15.7
Management or administration	8.4	8.7	8.0
Professional services and other	16.1	14.9	18.3
No secondary activity	41.0	44.9	33.3
Activity unknown	2.3	2.7	1.4
Postgraduation location (%) <sup>h</sup>			
United States <sup>i</sup>	92.3	93.1	90.3
Midwest	10.4	10.5	10.2
Northeast	21.4	22.5	18.8
South	21.7	19.9	25.6
West	38.4	39.8	35.2
Outside the United States	7.6	6.7	9.5
Location unknown	0.2	0.2	0.2
Postgraduation location in same state as doctorate institution (%)	32.8	33.9	30.5
Male doctorate recipients reporting postgraduation status (number)	1,678	1,183	495
Definite postdoctoral training plans	19.4	20.9	15.8
Definite employment plans	57.6	56.1	61.2
Seeking employment or study	21.0	20.7	21.8
Other status <sup>a</sup>	2.0	2.3	1.2
Definite postdoctoral training plans (%) <sup>b</sup>			
Postdoc fellowship or research associateship	96.0	97.2	92.3
Other training or unknown <sup>c</sup>	4.0	2.8	7.7
Definite employment plans (%) <sup>d</sup>			
Academe	26.9	24.8	31.4

**Table 9-5. Computer and information sciences research doctorate recipients, postgraduation plans by sex and major field of doctorate: 2024**

(Number and percent)

Characteristic	All computer and information sciences fields	Computer science	Computer and information sciences, other
In tenure track faculty position (%)	58.8	60.0	56.8
Not in tenure track position (%)	38.1	38.2	37.9
Government	2.2	D	D
Industry or business <sup>e</sup>	67.1	69.1	62.7
Nonprofit organization	2.6	D	D
Other or unknown <sup>f</sup>	1.2	1.4	1.0
Primary activity <sup>g</sup>			
Research and development	67.7	70.2	62.4
Teaching	15.0	14.0	17.1
Management or administration	2.4	D	D
Professional services and other	14.9	14.5	15.8
Secondary activity <sup>g</sup>			
Research and development	20.3	18.8	23.5
Teaching	11.4	10.6	13.1
Management or administration	9.1	9.1	9.1
Professional services and other	17.6	16.2	20.8
No secondary activity	41.7	45.4	33.6
Activity unknown	2.0	2.1	1.7
Postgraduation location (%) <sup>h</sup>			
United States <sup>i</sup>	92.2	92.2	92.1
Midwest	10.9	10.9	11.0
Northeast	21.1	22.7	17.3
South	21.5	19.9	25.5
West	38.3	38.3	38.3
Outside the United States	7.6	7.6	7.6
Location unknown	0.2	0.2	0.3
Postgraduation location in same state as doctorate institution (%)	33.7	34.1	32.5
Female doctorate recipients reporting postgraduation status (number)	578	370	208
Definite postdoctoral training plans	20.4	24.1	13.9
Definite employment plans	53.1	51.1	56.7
Seeking employment or study	24.9	23.5	27.4
Other status <sup>a</sup>	1.6	1.4	1.9
Definite postdoctoral training plans (%) <sup>b</sup>			
Postdoc fellowship or research associateship	96.6	96.6	96.6
Other training or unknown <sup>c</sup>	3.4	3.4	3.4
Definite employment plans (%) <sup>d</sup>			
Academe	41.0	39.2	44.1
In tenure track faculty position (%)	66.7	62.2	73.1
Not in tenure track position (%)	30.2	35.1	23.1
Government	2.9	D	D
Industry or business <sup>e</sup>	49.8	56.6	39.0
Nonprofit organization	4.6	D	D
Other or unknown <sup>f</sup>	1.6	1.1	2.5
Primary activity <sup>g</sup>			
Research and development	58.2	61.7	53.0
Teaching	23.2	23.9	22.2
Management or administration	3.0	D	D
Professional services and other	15.5	13.9	17.9

**Table 9-5. Computer and information sciences research doctorate recipients, postgraduation plans by sex and major field of doctorate: 2024**

(Number and percent)

Characteristic	All computer and information sciences fields	Computer science	Computer and information sciences, other
Secondary activity <sup>g</sup>			
Research and development	25.9	24.4	28.2
Teaching	17.5	14.4	22.2
Management or administration	6.4	7.2	5.1
Professional services and other	11.1	10.6	12.0
No secondary activity	39.1	43.3	32.5
Activity unknown	3.3	4.8	0.8
Postgraduation location (%) <sup>h</sup>			
United States <sup>i</sup>	92.5	96.0	85.7
Midwest	8.9	9.4	8.2
Northeast	22.1	21.9	22.4
South	22.1	20.1	25.9
West	38.6	44.6	27.2
Outside the United States	7.5	4.0	14.3
Location unknown	0.0	0.0	0.0
Postgraduation location in same state as doctorate institution (%)	30.4	33.1	25.2

D = suppressed to avoid disclosure of confidential information.

<sup>a</sup> Other status 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> Definite postdoctoral training plans excludes doctorate recipients reporting plans for other full-time degree program. Percentages are based on the number of doctorate recipients reporting definite postdoctoral plans for study.

<sup>c</sup> Other training includes doctorate recipients who reported definite postdoctoral plans for traineeship, internship or clinical residency, or other study.

<sup>d</sup> Percentages are based on the number of doctorate recipients reporting definite postgraduation plans for employment.

<sup>e</sup> Industry or business includes doctorate recipients reporting self-employment.

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

<sup>g</sup> Percentages are based on the number of doctorate recipients reporting definite postgraduation plans for employment and primary or secondary work activity.

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

<sup>i</sup> United States includes doctorate recipients 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):**

A definite postgraduation commitment includes accepting new employment or a postdoctoral study (postdoc) position or returning to predoctoral employment, while postgraduation employment includes accepting new employment or returning to predoctoral employment that is not a postdoctoral study (postdoc) position. 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 new broad, major, and detailed fields are used in tables reporting data from 2021 to the present; see the field list in table A-4. Therefore, the field of doctorate data prior to 2021 may not be comparable to subsequent years. For more information about the 2021 taxonomy change, see the "Technical Notes."

**Source(s):**

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