

Table 9-5. Computer and information sciences research doctorate recipients, postgraduation plans by sex and major field of doctorate: 2025

(Number and percent)

Characteristic	All computer and information sciences fields	Computer science	Computer and information sciences, other
Doctorate recipients reporting postgraduation status (number)	2,546	1,708	838
Definite postdoctoral training plans (%)	16.2	16.9	14.7
Definite employment plans (%)	58.1	57.4	59.5
Seeking employment or study (%)	23.3	23.7	22.4
Other status (%) ^a	2.4	1.9	3.3
Definite postdoctoral training plans (%) ^b			
Postdoc fellowship or research associateship	92.0	93.4	88.6
Other training or unknown ^c	8.0	6.6	11.4
Definite employment plans (%) ^d			
Academe	26.6	25.3	29.3
In tenure track faculty position	62.2	62.5	61.6
Not in tenure track position	33.8	34.3	32.9
Government	3.9	2.5	6.4
Industry or business ^e	66.6	69.5	60.9
Nonprofit organization	1.5	1.5	1.4
Other or unknown ^f	1.4	1.1	2.0
Primary activity ^g			
Research and development	68.4	70.2	65.0
Teaching	15.2	15.3	15.2
Management or administration	2.4	1.2	4.7
Professional services and other	14.0	13.4	15.2
Secondary activity ^g			
Research and development	20.6	19.8	22.1
Teaching	10.5	8.9	13.7
Management or administration	6.9	5.7	9.4
Professional services and other	16.6	16.8	16.2
No secondary activity	45.4	48.9	38.5
Activity unknown	2.5	2.7	2.2
Postgraduation location (%) ^h			
United States ⁱ	91.9	92.6	90.4
Midwest	8.9	8.5	9.8
Northeast	19.8	20.6	18.2
South	19.0	16.7	23.6
West	43.8	46.3	38.6
Outside the United States	8.1	7.4	9.5
Location unknown	0.1	0.0	0.2
Postgraduation location in same state as doctorate institution (%)	32.0	30.9	34.2
Male doctorate recipients reporting postgraduation status (number)	1,908	1,310	598
Definite postdoctoral training plans (%)	15.5	16.5	13.4
Definite employment plans (%)	59.2	57.6	62.5
Seeking employment or study (%)	23.1	24.1	20.9
Other status (%) ^a	2.2	1.8	3.2
Definite postdoctoral training plans (%) ^b			
Postdoc fellowship or research associateship	92.2	93.1	90.0
Other training or unknown ^c	7.8	6.9	10.0
Definite employment plans (%) ^d			
Academe	23.3	22.6	24.6

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In tenure track faculty position	65.4	66.7	63.0
Not in tenure track position	30.8	30.4	31.5
Government	4.3	D	D
Industry or business ^e	69.4	72.2	63.6
Nonprofit organization	1.4	D	D
Other or unknown ^f	1.6	1.1	2.7
Primary activity ^g			
Research and development	70.0	71.7	66.6
Teaching	12.9	D	D
Management or administration	2.4	D	D
Professional services and other	14.7	13.9	16.4
Secondary activity ^g			
Research and development	19.4	18.8	20.5
Teaching	10.3	9.4	12.1
Management or administration	7.9	6.3	11.2
Professional services and other	16.4	16.2	16.7
No secondary activity	46.1	49.4	39.5
Activity unknown	2.6	2.6	2.4
Postgraduation location (%) ^h			
United States ⁱ	91.7	92.6	89.9
Midwest	8.5	8.8	7.9
Northeast	19.9	21.2	17.2
South	17.8	15.3	23.1
West	45.1	46.8	41.4
Outside the United States	8.2	7.4	9.9
Location unknown	0.1	0.0	0.2
Postgraduation location in same state as doctorate institution (%)	31.1	30.0	33.5
Female doctorate recipients reporting postgraduation status (number)	638	398	240
Definite postdoctoral training plans (%)	18.2	18.3	17.9
Definite employment plans (%)	55.0	56.8	52.1
Seeking employment or study (%)	23.8	22.4	26.3
Other status (%) ^a	2.8	2.3	3.8
Definite postdoctoral training plans (%) ^b			
Postdoc fellowship or research associateship	91.4	94.5	86.0
Other training or unknown ^c	8.6	5.5	14.0
Definite employment plans (%) ^d			
Academe	37.3	34.1	43.2
In tenure track faculty position	55.7	53.2	59.3
Not in tenure track position	39.7	42.9	35.2
Government	2.3	D	D
Industry or business ^e	57.8	60.6	52.8
Nonprofit organization	1.7	D	D
Other or unknown ^f	0.9	1.3	0.0
Primary activity ^g			
Research and development	63.3	65.0	60.2
Teaching	22.7	D	D
Management or administration	2.3	D	D
Professional services and other	11.7	11.8	11.4

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(Number and percent)

Characteristic	All computer and information sciences fields	Computer science	Computer and information sciences, other
Secondary activity ^g			
Research and development	24.5	23.2	26.8
Teaching	11.4	7.3	18.7
Management or administration	3.8	3.6	4.1
Professional services and other	17.2	18.6	14.6
No secondary activity	43.1	47.3	35.8
Activity unknown	2.3	2.7	1.6
Postgraduation location (%) ^h			
United States ⁱ	92.3	92.6	91.7
Midwest	10.3	7.7	14.9
Northeast	19.3	18.4	20.8
South	22.5	21.1	25.0
West	39.8	44.8	31.0
Outside the United States	7.7	7.4	8.3
Location unknown	0.0	0.0	0.0
Postgraduation location in same state as doctorate institution (%)	34.7	33.8	36.3

D = suppressed to avoid disclosure of confidential information.

^a 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.^b 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.^c Other training includes doctorate recipients who reported definite postdoctoral plans for traineeship, internship or clinical residency, or other study.^d Percentages are based on the number of doctorate recipients reporting definite postgraduation plans for employment.^e Industry or business includes doctorate recipients reporting self-employment.^f Other is mainly composed of elementary and secondary schools.^g Percentages are based on the number of doctorate recipients reporting definite postgraduation plans for employment and primary or secondary work activity.^h Percentages are based on the number of doctorate recipients reporting definite postgraduation plans and type of plans.ⁱ 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. The survey data collection for the field of study changed in 2021, which may affect the data comparisons across years. This table uses the new field taxonomy based on a modified version of the 2020 Classification of Instructional Programs (CIP) codes and does not match data that uses the trend field taxonomy. For more information about the field taxonomy changes, see the "Technical Notes."

Source(s):

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