

Table 8-9. Mathematics and statistics research doctorate recipients, statistical profiles by sex and major field of doctorate: 2025

(Number, percent, and median years)

Characteristic	All mathematics and statistics fields	Applied mathematics	Mathematics	Statistics
All doctorate recipients (number) ^a	2,069	444	967	658
Sex (%)				
Male	69.3	63.1	73.5	67.3
Female	30.7	36.9	26.5	32.7
Unknown	0.0	0.0	0.0	0.0
Citizenship status (%)				
U.S. citizen or permanent resident	45.6	49.1	54.0	31.0
Temporary visa holder	49.1	48.2	39.8	63.4
Unknown	5.3	2.7	6.2	5.6
Marital status (%)				
Never married	51.5	47.1	53.9	50.9
Married	26.4	33.6	21.1	29.3
Marriage-like relationship	9.3	D	9.9	D
Separated, divorced, widowed	1.2	D	1.3	D
Unknown	11.6	7.4	13.8	11.2
Has dependent age 18 or younger (%)	10.1	12.4	7.7	11.9
Has one or more functional limitations (%)	12.9	12.2	14.6	10.7
Age at doctorate (median years)	29.6	30.0	29.2	29.9
Bachelor's in same field as doctorate (%) ^b	80.0	72.2	87.4	74.8
Master's earned (%)	68.7	71.5	63.3	74.4
Master's earned at same doctorate institution (%)	54.3	59.5	56.8	47.8
Time to doctorate (median years)				
Years since earning bachelor's degree	7.0	7.3	6.9	7.3
From graduate school start	6.1	6.3	6.0	6.7
From doctoral program start ^c	5.7	5.3	5.8	5.3
Received tuition remission (%)	93.9	92.6	94.8	93.5
Male doctorate recipients (number)	1,434	280	711	443
Citizenship status (%)				
U.S. citizen or permanent resident	46.9	50.0	53.6	34.3
Temporary visa holder	48.1	46.1	41.1	60.7
Unknown	5.0	3.9	5.3	5.0
Marital status (%)				
Never married	54.6	48.9	56.7	54.9
Married	23.8	30.7	19.4	26.4
Marriage-like relationship	9.1	D	10.1	D
Separated, divorced, widowed	0.8	D	0.8	D
Unknown	11.6	8.6	12.9	11.5
Has dependent age 18 or younger (%)	9.0	10.2	7.1	11.3
Has one or more functional limitations (%)	12.0	12.4	12.9	10.2
Age at doctorate (median years)	29.5	29.7	29.2	30.0
Bachelor's in same field as doctorate (%) ^b	80.5	71.1	88.2	74.5
Master's earned (%)	66.0	69.5	59.6	73.9
Master's earned at same doctorate institution (%)	52.1	58.7	54.0	45.5
Time to doctorate (median years)				
Years since earning bachelor's degree	7.0	7.0	6.8	7.3
From graduate school start	6.1	6.3	6.0	6.8
From doctoral program start ^c	5.7	5.3	5.8	5.3
Received tuition remission (%)	93.6	91.6	94.3	93.8
Female doctorate recipients (number)	635	164	256	215
Citizenship status (%)				
U.S. citizen or permanent resident	42.7	47.6	55.1	24.2
Temporary visa holder	51.3	51.8	36.3	68.8

Table 8-9. Mathematics and statistics research doctorate recipients, statistical profiles by sex and major field of doctorate: 2025

(Number, percent, and median years)

Characteristic	All mathematics and statistics fields	Applied mathematics	Mathematics	Statistics
Unknown	6.0	0.6	8.6	7.0
Marital status (%)				
Never married	44.4	43.9	46.1	42.8
Married	32.3	38.4	25.8	35.3
Marriage-like relationship	9.8	D	9.4	D
Separated, divorced, widowed	2.0	D	2.7	D
Unknown	11.5	5.5	16.0	10.7
Has dependent age 18 or younger (%)	12.4	15.9	9.3	13.0
Has one or more functional limitations (%)	14.8	11.8	19.7	11.8
Age at doctorate (median years)	29.7	30.2	29.3	29.8
Bachelor's in same field as doctorate (%) ^b	78.8	74.1	85.0	75.6
Master's earned (%)	74.8	74.7	74.4	75.4
Master's earned at same doctorate institution (%)	58.8	60.7	63.2	52.4
Time to doctorate (median years)				
Years since earning bachelor's degree	7.2	7.5	6.9	7.5
From graduate school start	6.3	6.3	6.0	6.4
From doctoral program start ^c	5.4	5.3	5.8	5.3
Received tuition remission (%)	94.5	94.3	96.3	92.7

D = suppressed to avoid disclosure of confidential information.

^a All doctorate recipients includes doctorate recipients who did not report sex.^b A bachelor's and doctoral degree are considered to be in the same field if doctorate recipient's first or most recent bachelor's degree is in the same broad field as their doctoral degree.^c Time to doctorate from doctoral program start is based on master's degree entry if the master's degree was at the same doctoral institution in the same field of study or was a prerequisite to the doctorate; otherwise, it is based on doctoral program entry.**Note(s):**

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.