

Table 60. Statistical profile of doctorate recipients in mathematics and computer sciences fields, by sex and field of study: 2016

Characteristic	All mathematics and computer sciences fields	Computer and information sciences	Mathematics and statistics
All doctorate recipients (number) ^a	3,957	2,085	1,872
Sex (%)			
Male	75.8	79.9	71.2
Female	24.2	20.1	28.8
Unknown	0.0	0.0	0.0
Citizenship (%)			
U.S. citizen or permanent resident	43.7	37.6	50.6
Temporary visa holder	51.9	57.7	45.4
Unknown	4.4	4.7	4.0
Marital status (%)			
Never married	37.4	32.7	42.5
Married	42.8	48.2	36.8
Marriage-like relationship	6.2	4.7	7.8
Separated, divorced, widowed	2.1	2.2	1.9
Unknown	11.5	12.1	11.0
Bachelor's in same field as doctorate (%) ^b	60.2	49.9	71.6
Master's earned (%)	72.8	75.3	70.0
Age at doctorate (median years)	30.3	31.3	29.3
Time to doctorate (median years)			
From bachelor's	7.9	8.8	7.0
From graduate school start	6.9	7.6	6.1
From doctoral program start ^c	5.7	5.7	5.3
Male doctorate recipients (number)	2,998	1,666	1,332
Citizenship (%)			
U.S. citizen or permanent resident	43.8	37.2	52.2
Temporary visa holder	52.0	58.3	44.1
Unknown	4.2	4.5	3.8
Marital status (%)			
Never married	38.4	33.9	44.1
Married	42.9	48.6	35.9
Marriage-like relationship	5.8	4.6	7.4
Separated, divorced, widowed	1.5	1.3	1.8
Unknown	11.3	11.7	10.9
Bachelor's in same field as doctorate (%) ^b	59.7	50.5	71.1
Master's earned (%)	71.5	74.7	67.6
Age at doctorate (median years)	30.4	31.3	29.3
Time to doctorate (median years)			
From bachelor's	7.8	8.6	6.9
From graduate school start	6.9	7.3	6.0
From doctoral program start ^c	5.7	5.7	5.3
Female doctorate recipients (number)	959	419	540
Citizenship (%)			
U.S. citizen or permanent resident	43.4	39.1	46.7
Temporary visa holder	51.6	55.4	48.7
Unknown	5.0	5.5	4.6

Table 60. Statistical profile of doctorate recipients in mathematics and computer sciences fields, by sex and field of study: 2016

Characteristic	All mathematics and computer sciences fields	Computer and information sciences	Mathematics and statistics
Marital status (%)			
Never married	34.0	27.9	38.7
Married	42.5	47.0	39.1
Marriage-like relationship	7.4	5.5	8.9
Separated, divorced, widowed	3.9	6.0	2.2
Unknown	12.2	13.6	11.1
Bachelor's in same field as doctorate (%) ^b	61.8	47.5	73.0
Master's earned (%)	76.6	77.3	76.1
Age at doctorate (median years)	30.2	31.6	29.3
Time to doctorate (median years)			
From bachelor's	7.9	9.0	7.1
From graduate school start	7.0	7.9	6.3
From doctoral program start ^c	5.7	5.7	5.3

^a Includes respondents who did not report sex.

^b A bachelor's degree is counted as "in same field as doctorate" if the fields of study for the doctorate recipient's bachelor's degree and doctorate degree are both in the same major field category of the National Science Foundation's field of study taxonomy, except for engineering and education fields where broad field categories need be the same. See table A-6 in the technical notes for a listing of major fields and their constituent subfields.

^c Time to doctorate from doctoral program start is based on master's degree entry if the master's degree was at the doctoral institution in the same fine field of study or was a prerequisite to the doctorate; otherwise, it is based on doctoral program entry.

NOTE: Due to rounding, percentages may not sum to 100.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Survey of Earned Doctorates, 2016.