

TABLE 70

Statistical profile of doctorate recipients in other fields, by sex and field of study: 2018

(Number, percent, and median years)

Characteristic	All other fields ^a	Business management and administration	Communication	Non-S&E fields nec
All doctorate recipients (number) ^b	2,989	1,481	631	877
Sex (%)				
Male	48.6	58.7	37.1	39.8
Female	51.3	41.1	62.8	60.1
Unknown	0.2	0.2	0.2	0.1
Citizenship (%)				
U.S. citizen or permanent resident	58.5	50.2	68.9	64.9
Temporary visa holder	34.5	43.5	26.1	25.2
Unknown	7.1	6.3	4.9	9.9
Marital status (%)				
Never married	24.9	25.5	30.0	20.2
Married	46.6	50.4	42.0	43.4
Marriage-like relationship	6.1	4.0	9.8	6.8
Separated, divorced, widowed	4.5	3.9	4.1	5.8
Unknown	17.9	16.1	14.1	23.7
Bachelor's in same field as doctorate (%) ^c	36.0	36.9	47.5	26.1
Master's earned (%)	79.8	77.3	86.8	79.0
Age at doctorate (median years)	34.7	33.9	33.3	37.0
Time to doctorate (median years)				
From bachelor's	11.2	10.4	10.3	13.0
From graduate school start	9.2	8.9	8.0	11.0
From doctoral program start ^d	5.2	5.0	5.0	5.9
Male doctorate recipients (number)	1,452	869	234	349
Citizenship (%)				
U.S. citizen or permanent resident	55.8	51.1	67.5	59.6
Temporary visa holder	37.7	44.5	26.1	28.7
Unknown	6.5	4.4	6.4	11.7
Marital status (%)				
Never married	23.6	24.5	24.8	20.3
Married	50.3	54.5	43.6	44.4
Marriage-like relationship	5.6	4.3	10.3	5.7
Separated, divorced, widowed	3.3	3.0	3.4	4.0
Unknown	17.2	13.7	17.9	25.5
Bachelor's in same field as doctorate (%) ^c	35.5	35.6	43.6	30.1
Master's earned (%)	79.7	80.1	83.8	75.9
Age at doctorate (median years)	34.9	34.6	34.7	36.6
Time to doctorate (median years)				
From bachelor's	11.3	11.0	10.8	12.6
From graduate school start	9.2	9.0	8.3	10.3
From doctoral program start ^d	5.0	5.0	5.0	5.3
Female doctorate recipients (number)	1,532	609	396	527
Citizenship (%)				
U.S. citizen or permanent resident	61.2	49.3	69.9	68.5
Temporary visa holder	31.5	42.2	26.3	23.0
Unknown	7.3	8.5	3.8	8.5
Marital status (%)				
Never married	26.2	27.1	33.1	20.1

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Characteristic	All other fields ^a	Business management and administration	Communication	Non-S&E fields nec
Married	43.2	44.8	41.2	42.9
Marriage-like relationship	6.5	3.6	9.6	7.6
Separated, divorced, widowed	5.7	5.3	4.5	7.0
Unknown	18.3	19.2	11.6	22.4
Bachelor's in same field as doctorate (%) ^c	36.5	38.9	50.0	23.5
Master's earned (%)	80.2	73.7	88.9	81.2
Age at doctorate (median years)	34.3	32.9	32.8	37.3
Time to doctorate (median years)				
From bachelor's	11.0	10.0	10.2	13.4
From graduate school start	9.3	8.7	8.0	11.3
From doctoral program start ^d	5.3	5.0	5.0	6.0

nec = not elsewhere classified; S&E = science and engineering.

^a Includes other non-S&E fields not reported separately.^b Includes respondents who did not report sex.^c A bachelor's degree is counted as "in same field as doctorate" if the fields of study of the doctorate recipient's first or most recent bachelor's degree and doctoral degree are both in the same major field category, except for engineering and education fields where broad field categories need to be the same. See table A-6 in the technical notes for a listing of major fields and their constituent subfields based on the National Center for Science and Engineering Statistics' field of study taxonomy.^d 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(s)**

Due to rounding, percentages may not sum to 100.

Source(s)

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