

TABLE 70

Statistical profile of doctorate recipients in other fields, by sex and field of study: 2017

(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	3,113	1,522	626	965
Sex (%)				
Male	44.9	55.6	31.6	36.8
Female	55.0	44.3	68.4	63.2
Unknown	*	0.1	0	0
Citizenship (%)				
U.S. citizen or permanent resident	61.7	54.5	74.0	65.1
Temporary visa holder	29.8	37.8	19.3	23.9
Unknown	8.5	7.6	6.7	11.0
Marital status (%)				
Never married	21.7	22.0	26.7	18.0
Married	51.3	54.4	45.4	50.4
Marriage-like relationship	5.5	3.7	8.5	6.5
Separated, divorced, widowed	4.8	3.9	4.6	6.4
Unknown	16.6	16.0	14.9	18.7
Bachelor's in same field as doctorate (%) ^c	34.9	37.3	41.5	26.9
Master's earned (%)	81.8	79.7	85.9	82.5
Age at doctorate (median years)	34.8	34.3	33.8	36.1
Time to doctorate (median years)				
From bachelor's	11.4	11.0	11.0	12.6
From graduate school start	9.3	8.9	8.6	10.3
From doctoral program start ^d	5.8	5.1	6.1	6.7
Male doctorate recipients (number)	1,399	846	198	355
Citizenship (%)				
U.S. citizen or permanent resident	58.0	53.8	74.7	58.9
Temporary visa holder	35.7	41.1	20.2	31.5
Unknown	6.2	5.1	5.1	9.6
Marital status (%)				
Never married	21.0	21.5	23.2	18.6
Married	56.9	59.6	52.0	53.2
Marriage-like relationship	5.1	3.5	D	D
Separated, divorced, widowed	3.0	2.6	D	D
Unknown	14.0	12.8	12.6	17.7
Bachelor's in same field as doctorate (%) ^c	35.0	37.5	38.9	27.0
Master's earned (%)	81.4	81.0	86.9	79.4
Age at doctorate (median years)	35.0	34.9	34.7	35.9
Time to doctorate (median years)				
From bachelor's	11.3	11.0	11.1	12.1
From graduate school start	9.0	8.8	8.1	10.3
From doctoral program start ^d	5.4	5.0	5.9	6.0
Female doctorate recipients (number)	1,713	675	428	610
Citizenship (%)				
U.S. citizen or permanent resident	64.7	55.6	73.6	68.7
Temporary visa holder	25.0	33.8	18.9	19.5
Unknown	10.3	10.7	7.5	11.8
Marital status (%)				
Never married	22.3	22.7	28.3	17.7
Married	46.8	48.0	42.3	48.7
Marriage-like relationship	5.9	3.9	D	D

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(Number, percent, and median years)

Characteristic	All other fields ^a	Business management and administration	Communication	Non-S&E fields nec
Separated, divorced, widowed	6.3	5.5	D	D
Unknown	18.7	20.0	15.9	19.2
Bachelor's in same field as doctorate (%) ^c	34.9	37.0	42.8	26.9
Master's earned (%)	82.2	78.2	85.5	84.3
Age at doctorate (median years)	34.4	33.6	33.6	36.2
Time to doctorate (median years)				
From bachelor's	11.6	11.2	11.0	13.0
From graduate school start	9.5	8.9	8.8	10.6
From doctoral program start ^d	6.0	5.5	6.3	7.0

* = value < 0.05%; D = suppressed to avoid disclosure of confidential information.

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 Science Foundation, National Center for Science and Engineering Statistics, Survey of Earned Doctorates, 2017.