

Table 70**Statistical profile of doctorate recipients in other fields, by sex and field of study: 2019**

(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	3,034	1,536	543	955
Sex (%)				
Male	46.6	56.9	37.8	35.1
Female	53.4	43.1	62.2	64.9
Unknown	0.0	0.0	0.0	0.0
Citizenship (%)				
U.S. citizen or permanent resident	56.7	48.6	64.3	65.3
Temporary visa holder	36.5	44.9	30.0	26.7
Unknown	6.8	6.4	5.7	8.0
Marital status (%)				
Never married	25.0	25.1	28.9	22.7
Married	48.3	51.4	42.5	46.6
Marriage-like relationship	4.4	3.1	7.4	4.8
Separated, divorced, widowed	5.6	5.5	5.2	6.2
Unknown	16.6	15.0	16.0	19.7
Bachelor's in same field as doctorate (%) ^c	34.8	36.3	43.3	27.7
Master's earned (%)	80.4	78.1	84.3	81.8
Age at doctorate (median years)	34.9	34.0	34.0	36.8
Time to doctorate (median years)				
From bachelor's	11.4	11.0	10.3	13.4
From graduate school start	9.3	8.9	8.3	11.1
From doctoral program start ^d	5.1	5.0	5.0	5.8
Male doctorate recipients (number)	1,414	874	205	335
Citizenship (%)				
U.S. citizen or permanent resident	49.9	44.5	58.5	58.5
Temporary visa holder	42.9	49.3	34.1	31.6
Unknown	7.2	6.2	7.3	9.9
Marital status (%)				
Never married	25.0	25.7	27.8	21.5
Married	50.7	53.2	43.9	48.4
Marriage-like relationship	3.7	2.5	7.3	4.5
Separated, divorced, widowed	3.7	3.8	3.9	3.3
Unknown	16.9	14.8	17.1	22.4
Bachelor's in same field as doctorate (%) ^c	34.5	34.7	44.4	28.1
Master's earned (%)	79.1	78.1	83.9	78.8
Age at doctorate (median years)	35.0	34.3	33.9	37.4
Time to doctorate (median years)				
From bachelor's	11.2	11.0	10.0	13.6
From graduate school start	9.0	8.8	8.0	10.9
From doctoral program start ^d	5.0	5.0	5.0	5.8
Female doctorate recipients (number)	1,620	662	338	620
Citizenship (%)				
U.S. citizen or permanent resident	62.7	54.1	67.8	69.0
Temporary visa holder	30.9	39.1	27.5	24.0
Unknown	6.4	6.8	4.7	6.9
Marital status (%)				
Never married	25.0	24.2	29.6	23.4

Table 70**Statistical profile of doctorate recipients in other fields, by sex and field of study: 2019**

(Number, percent, and median years)

Characteristic	All other fields ^a	Business management and administration	Communication	Non-S&E fields nec
Married	46.2	49.1	41.7	45.6
Marriage-like relationship	5.0	3.8	7.4	5.0
Separated, divorced, widowed	7.3	7.7	5.9	7.7
Unknown	16.4	15.3	15.4	18.2
Bachelor's in same field as doctorate (%) ^c	35.1	38.4	42.6	27.6
Master's earned (%)	81.4	77.9	84.6	83.4
Age at doctorate (median years)	34.8	33.7	34.0	36.5
Time to doctorate (median years)				
From bachelor's	11.6	11.0	10.8	13.3
From graduate school start	9.8	9.0	8.3	11.3
From doctoral program start ^d	5.3	5.0	5.0	5.8

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.