

Table 8-18

Other non-science and engineering research doctorate recipients, statistical profile by sex and major field of doctorate: 2021

(Number, percent, and median years)

Characteristic	All other non-science and engineering fields	Communications and journalism	Multidisciplinary/interdisciplinary studies	Public administration and social services	Non-science and engineering, other
All doctorate recipients (number) ^a	1,996	520	331	490	655
Sex (%)					
Male	42.0	42.5	45.6	32.4	47.0
Female	58.0	57.5	54.4	67.6	53.0
Unknown	0.0	0.0	0.0	0.0	0.0
Citizenship status (%)					
U.S. citizen or permanent resident	65.4	68.8	70.4	72.9	54.7
Temporary visa holder	27.3	26.5	17.2	20.0	38.5
Unknown	7.3	4.6	12.4	7.1	6.9
Marital status (%)					
Never married	24.9	28.8	23.6	20.2	26.0
Married	44.7	40.4	37.2	52.9	46.0
Marriage-like relationship	8.3	10.4	13.0	4.5	7.2
Separated, divorced, widowed	6.1	5.4	5.7	7.8	5.5
Unknown	16.0	15.0	20.5	14.7	15.4
Has dependent age 18 or younger (%)	32.4	26.0	24.4	44.0	32.6
Has one or more functional limitations (%)	14.6	18.3	16.9	13.5	11.3
Age at doctorate (median years)	35.3	33.4	34.4	38.2	35.1
Bachelor's in same field as doctorate (%) ^b	35.9	50.4	30.5	26.5	34.2
Master's earned (%)	94.8	96.3	89.6	98.2	93.6
Master's earned at same doctorate institution (%)	37.4	30.2	45.6	38.5	38.6
Time to doctorate (median years)					
Years since earning bachelor's degree	11.7	10.0	11.0	13.6	11.6
From graduate school start	9.5	8.3	9.5	11.3	9.3
From doctoral program start ^c	5.8	5.0	6.7	6.0	5.3
Received tuition remission (%)	78.5	89.0	80.2	65.2	79.5
Male doctorate recipients (number)	839	221	151	159	308
Citizenship status (%)					
U.S. citizen or permanent resident	59.6	68.3	66.2	65.4	47.1
Temporary visa holder	33.4	26.7	21.2	27.7	47.1
Unknown	7.0	5.0	12.6	6.9	5.8
Marital status (%)					
Never married	25.1	29.4	25.2	22.6	23.4

Table 8-18**Other non-science and engineering research doctorate recipients, statistical profile by sex and major field of doctorate: 2021**

(Number, percent, and median years)

Characteristic	All other non-science and engineering fields	Communications and journalism	Multidisciplinary/interdisciplinary studies	Public administration and social services	Non-science and engineering, other
Married	47.8	41.6	37.7	61.0	50.3
Marriage-like relationship	7.6	6.8	13.9	3.8	7.1
Separated, divorced, widowed	3.7	5.0	D	D	4.5
Unknown	15.7	17.2	D	D	14.6
Has dependent age 18 or younger (%)	34.9	29.8	21.4	46.5	38.2
Has one or more functional limitations (%)	12.2	14.3	13.6	14.7	8.8
Age at doctorate (median years)	35.8	35.0	33.8	38.2	35.8
Bachelor's in same field as doctorate (%) ^b	34.5	49.0	34.1	20.4	31.9
Master's earned (%)	94.8	96.4	88.9	99.3	94.0
Master's earned at same doctorate institution (%)	34.9	28.6	50.9	34.5	33.0
Time to doctorate (median years)					
Years since earning bachelor's degree	11.6	11.0	10.5	13.0	11.7
From graduate school start	9.3	8.3	9.0	10.7	9.5
From doctoral program start ^c	5.7	5.1	6.8	5.9	5.3
Received tuition remission (%)	77.5	85.3	78.9	61.0	80.5
Female doctorate recipients (number)	1,157	299	180	331	347
Citizenship status (%)					
U.S. citizen or permanent resident	69.7	69.2	73.9	76.4	61.4
Temporary visa holder	22.9	26.4	13.9	16.3	30.8
Unknown	7.4	4.3	12.2	7.3	7.8
Marital status (%)					
Never married	24.7	28.4	22.2	19.0	28.2
Married	42.5	39.5	36.7	48.9	42.1
Marriage-like relationship	8.8	13.0	12.2	4.8	7.2
Separated, divorced, widowed	7.8	5.7	D	D	6.3
Unknown	16.2	13.4	D	D	16.1
Has dependent age 18 or younger (%)	30.6	23.3	26.9	42.7	27.6
Has one or more functional limitations (%)	16.3	21.1	19.6	12.8	13.6
Age at doctorate (median years)	35.2	32.6	35.6	38.2	34.8

Table 8-18**Other non-science and engineering research doctorate recipients, statistical profile by sex and major field of doctorate: 2021**

(Number, percent, and median years)

Characteristic	All other non-science and engineering fields	Communications and journalism	Multidisciplinary/interdisciplinary studies	Public administration and social services	Non-science and engineering, other
Bachelor's in same field as doctorate (%) ^b	37.0	51.5	27.5	29.5	36.2
Master's earned (%)	94.8	96.3	90.2	97.6	93.2
Master's earned at same doctorate institution (%)	39.2	31.3	41.3	40.5	44.0
Time to doctorate (median years)					
Years since earning bachelor's degree	11.8	9.8	11.4	14.1	11.4
From graduate school start	9.7	8.2	9.8	11.8	9.0
From doctoral program start ^c	5.8	5.0	6.7	6.0	5.5
Received tuition remission (%)	79.2	91.6	81.4	67.4	78.6

D = suppressed to avoid disclosure of confidential information.

^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 of the doctorate recipient's first or most recent bachelor's degree and doctoral degree are both in the same broad field category.^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 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. Beginning in 2021, a modified version of the 2020 Classification of Instructional Programs (CIP) codes was used in the survey data collection, and the new broad, major, and detailed fields were used in tables reporting only the most recent data year. Therefore, the field of doctorate data in 2021 may not be comparable to prior years; see the "Technical Notes" for more information, table A-4 for a summary of SED-CIP codes in the new SED field taxonomy, table A-5 for a full list of SED-CIP codes in the new field taxonomy, and table A-6 for the SED-CIP code crosswalk to the historical field taxonomy.

Source(s):

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