

Table 8-18

Other non-science and engineering research doctorate recipients, statistical profile by sex and major field of doctorate: 2022

(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	2,141	586	391	468	696
Sex (%)					
Male	39.0	34.0	43.7	32.1	45.3
Female	60.9	66.0	56.3	67.5	54.7
Unknown	0.1	0.0	0.0	0.4	0.0
Citizenship status (%)					
U.S. citizen or permanent resident	65.4	65.9	74.4	72.2	55.5
Temporary visa holder	28.6	29.2	16.4	22.4	39.2
Unknown	5.9	4.9	9.2	5.3	5.3
Marital status (%)					
Never married	25.2	31.2	20.2	19.7	26.6
Married	46.1	41.0	48.3	52.4	44.8
Marriage-like relationship	9.2	11.9	9.2	6.4	8.8
Separated, divorced, widowed	5.3	3.4	5.9	9.2	4.0
Unknown	14.2	12.5	16.4	12.4	15.8
Has dependent age 18 or younger (%)	32.9	25.7	28.7	41.3	35.6
Has one or more functional limitations (%)	16.3	17.6	15.9	14.7	16.6
Age at doctorate (median years)	35.3	33.1	36.1	38.8	34.9
Bachelor's in same field as doctorate (%) ^b	39.2	56.5	27.3	28.4	38.3
Master's earned (%)	95.2	95.9	93.9	98.4	93.0
Master's earned at same doctorate institution (%)	31.2	26.4	30.6	32.3	35.2
Time to doctorate (median years)					
Years since earning bachelor's degree	11.6	10.0	12.8	14.3	11.0
From graduate school start	9.7	8.3	10.8	11.6	9.3
From doctoral program start ^c	5.7	5.0	6.3	5.9	5.3
Received tuition remission (%)	78.7	90.6	70.9	69.8	79.0
Male doctorate recipients (number)	835	199	171	150	315
Citizenship status (%)					
U.S. citizen or permanent resident	59.5	65.8	70.2	61.3	48.9
Temporary visa holder	33.3	30.2	18.1	32.7	43.8
Unknown	7.2	4.0	11.7	6.0	7.3
Marital status (%)					
Never married	23.4	30.7	16.4	19.3	24.4

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(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	49.3	41.2	55.0	59.3	46.7
Marriage-like relationship	9.8	13.1	7.0	5.3	11.4
Separated, divorced, widowed	3.5	2.5	4.1	6.0	2.5
Unknown	14.0	12.6	17.5	10.0	14.9
Has dependent age 18 or younger (%)	35.2	29.5	29.8	45.5	36.7
Has one or more functional limitations (%)	15.8	17.4	15.6	17.2	14.1
Age at doctorate (median years)	35.9	34.9	36.2	37.8	35.7
Bachelor's in same field as doctorate (%) ^b	36.7	50.8	23.3	28.1	38.9
Master's earned (%)	94.9	95.1	95.3	98.6	92.7
Master's earned at same doctorate institution (%)	29.6	23.3	33.6	31.6	30.7
Time to doctorate (median years)					
Years since earning bachelor's degree	11.5	11.0	12.3	12.5	11.0
From graduate school start	9.5	8.7	10.7	9.9	9.3
From doctoral program start ^c	5.7	5.3	6.4	5.8	5.3
Received tuition remission (%)	78.4	87.1	70.7	76.5	77.7
Female doctorate recipients (number)	1,304	387	220	316	381
Citizenship status (%)					
U.S. citizen or permanent resident	69.2	65.9	77.7	77.2	60.9
Temporary visa holder	25.7	28.7	15.0	17.7	35.4
Unknown	5.1	5.4	7.3	5.1	3.7
Marital status (%)					
Never married	26.4	31.5	23.2	19.9	28.3
Married	44.0	40.8	43.2	49.4	43.3
Marriage-like relationship	8.8	11.4	10.9	7.0	6.6
Separated, divorced, widowed	6.4	3.9	7.3	10.4	5.2
Unknown	14.3	12.4	15.5	13.3	16.5
Has dependent age 18 or younger (%)	31.4	23.8	27.8	39.5	34.7
Has one or more functional limitations (%)	16.5	17.6	16.1	12.8	18.7
Age at doctorate (median years)	34.8	32.6	35.8	39.0	34.6

Table 8-18**Other non-science and engineering research doctorate recipients, statistical profile by sex and major field of doctorate: 2022**

(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	40.9	59.4	30.4	28.7	37.8
Master's earned (%)	95.3	96.3	92.8	98.3	93.2
Master's earned at same doctorate institution (%)	32.2	27.9	28.2	32.1	39.1
Time to doctorate (median years)					
Years since earning bachelor's degree	11.6	9.4	13.0	15.0	11.0
From graduate school start	9.8	8.2	11.0	12.4	9.3
From doctoral program start ^c	5.6	5.0	6.3	5.9	5.3
Received tuition remission (%)	78.9	92.4	71.1	66.3	80.1

^a Includes doctorate recipients who did not report sex.^b A bachelor's and doctoral degree are considered to be in the same field if doctorate recipient's first or most recent bachelor's degree is in the same broad field as their doctoral degree.^c Time to doctorate from doctoral program start is based on master's degree entry if the master's degree was at the same 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 new broad, major, and detailed fields are used in tables reporting data from 2021 to the present; see the field list in table A-4. Therefore, the field of doctorate data prior to 2021 may not be comparable to subsequent years. For more information, see the "Technical Notes" and the SED 2021 Taxonomy Changes Working Paper (available at <https://nces.nsf.gov/pubs/nces23200>).

Source(s):

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