

Table 8-14

Education research doctorate recipients, statistical profile by sex and major field of doctorate: 2022

(Number, percent, and median years)

Characteristic	All education fields	Education leadership and administration	Education research	Teacher education	Education, other
All doctorate recipients (number) ^a	3,919	1,167	1,189	1,099	464
Sex (%)					
Male	29.4	32.4	29.3	26.9	28.4
Female	70.6	67.6	70.7	73.1	71.6
Unknown	0.0	0.0	0.0	0.0	0.0
Citizenship status (%)					
U.S. citizen or permanent resident	81.8	90.0	77.7	78.5	79.3
Temporary visa holder	12.7	6.1	16.6	15.8	11.9
Unknown	5.5	3.9	5.7	5.6	8.8
Marital status (%)					
Never married	17.8	16.9	18.7	17.7	18.1
Married	54.3	55.4	51.6	58.8	48.1
Marriage-like relationship	5.7	5.2	6.2	5.7	5.6
Separated, divorced, widowed	7.1	8.5	6.6	6.7	5.8
Unknown	15.1	14.0	17.0	11.0	22.4
Has dependent age 18 or younger (%)	42.8	45.0	40.5	44.2	39.2
Has one or more functional limitations (%)	14.2	13.4	14.1	15.0	14.0
Age at doctorate (median years)	38.9	40.6	37.8	38.7	37.9
Bachelor's in same field as doctorate (%) ^b	25.6	20.1	20.9	37.7	21.5
Master's earned (%)	96.3	97.9	95.7	96.2	94.2
Master's earned at same doctorate institution (%)	32.4	31.2	34.2	31.5	33.8
Time to doctorate (median years)					
Years since earning bachelor's degree	15.5	17.3	14.6	15.0	14.6
From graduate school start	12.3	13.9	11.3	12.0	11.5
From doctoral program start ^c	5.6	5.7	5.6	5.3	5.6
Received tuition remission (%)	64.8	56.4	68.0	69.7	66.5
Male doctorate recipients (number)	1,154	378	348	296	132
Citizenship status (%)					
U.S. citizen or permanent resident	81.5	92.6	76.1	76.0	76.5
Temporary visa holder	13.5	5.3	17.8	19.6	12.1
Unknown	4.9	2.1	6.0	4.4	11.4
Marital status (%)					
Never married	16.4	16.7	15.8	15.5	18.9
Married	58.4	61.4	55.2	63.5	47.0
Marriage-like relationship	6.6	5.3	8.6	6.4	5.3
Separated, divorced, widowed	4.0	4.2	4.3	D	D
Unknown	14.6	12.4	16.1	D	D
Has dependent age 18 or younger (%)	45.9	48.3	41.9	48.5	42.4
Has one or more functional limitations (%)	14.6	13.6	14.5	16.4	13.4
Age at doctorate (median years)	38.8	40.5	37.6	38.1	38.9
Bachelor's in same field as doctorate (%) ^b	23.0	19.0	17.0	36.2	18.6
Master's earned (%)	96.3	98.8	95.1	94.9	95.1
Master's earned at same doctorate institution (%)	31.6	30.6	36.5	28.2	30.2

Table 8-14**Education research doctorate recipients, statistical profile by sex and major field of doctorate: 2022**

(Number, percent, and median years)

Characteristic	All education fields	Education leadership and administration	Education research	Teacher education	Education, other
Time to doctorate (median years)					
Years since earning bachelor's degree	14.7	16.6	14.0	14.0	14.6
From graduate school start	11.8	13.4	10.4	11.5	11.5
From doctoral program start ^c	5.3	5.6	5.8	5.1	5.5
Received tuition remission (%)	64.7	54.0	73.5	69.9	60.4
Female doctorate recipients (number)	2,765	789	841	803	332
Citizenship status (%)					
U.S. citizen or permanent resident	81.9	88.7	78.4	79.5	80.4
Temporary visa holder	12.3	6.5	16.1	14.4	11.7
Unknown	5.8	4.8	5.6	6.1	7.8
Marital status (%)					
Never married	18.4	17.0	19.9	18.6	17.8
Married	52.6	52.6	50.1	57.0	48.5
Marriage-like relationship	5.4	5.2	5.2	5.5	5.7
Separated, divorced, widowed	8.4	10.5	7.5	D	D
Unknown	15.2	14.7	17.4	D	D
Has dependent age 18 or younger (%)	41.5	43.4	39.9	42.6	37.9
Has one or more functional limitations (%)	14.0	13.4	13.9	14.5	14.2
Age at doctorate (median years)	39.0	40.7	37.9	39.0	37.5
Bachelor's in same field as doctorate (%) ^b	26.7	20.6	22.5	38.3	22.5
Master's earned (%)	96.4	97.5	95.9	96.6	93.9
Master's earned at same doctorate institution (%)	32.7	31.4	33.2	32.6	35.1
Time to doctorate (median years)					
Years since earning bachelor's degree	15.9	17.6	14.9	15.9	14.5
From graduate school start	12.3	13.9	11.8	12.2	11.4
From doctoral program start ^c	5.6	5.8	5.5	5.5	5.6
Received tuition remission (%)	64.9	57.5	65.7	69.6	68.7

D = suppressed to avoid disclosure of confidential information.

^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.