

Table 8-14

Education research doctorate recipients, statistical profile by sex and major field of doctorate: 2021

(Number, percent, and median years)

Characteristic	All education fields	Education leadership and administration	Education research	Teacher education	Education, other
All doctorate recipients (number) ^a	3,711	1,082	1,204	1,010	415
Sex (%)					
Male	29.9	34.8	30.7	25.0	27.0
Female	70.0	65.2	69.3	75.0	73.0
Unknown	*	0.0	0.0	0.1	0.0
Citizenship status (%)					
U.S. citizen or permanent resident	79.8	86.6	76.7	77.0	77.8
Temporary visa holder	13.4	5.9	17.4	17.9	10.1
Unknown	6.8	7.5	5.9	5.0	12.0
Marital status (%)					
Never married	17.1	15.6	17.3	18.2	17.8
Married	54.6	55.4	54.6	56.6	48.2
Marriage-like relationship	5.3	5.3	5.6	5.1	5.1
Separated, divorced, widowed	7.7	6.7	7.9	8.9	6.7
Unknown	15.2	17.0	14.6	11.1	22.2
Has dependent age 18 or younger (%)	44.5	49.4	42.4	42.9	41.7
Has one or more functional limitations (%)	12.2	10.7	11.9	13.9	12.1
Age at doctorate (median years)	38.8	40.3	37.8	38.3	38.7
Bachelor's in same field as doctorate (%) ^b	25.4	20.7	23.7	34.2	19.7
Master's earned (%)	96.8	98.1	97.1	96.7	92.2
Master's earned at same doctorate institution (%)	34.0	32.6	35.8	33.4	34.0
Time to doctorate (median years)					
Years since earning bachelor's degree	15.0	16.7	14.3	14.7	15.0
From graduate school start	12.0	13.3	11.3	11.7	11.7
From doctoral program start ^c	5.7	5.8	5.8	5.3	5.4
Received tuition remission (%)	64.4	55.8	67.4	68.4	67.5
Male doctorate recipients (number)	1,111	377	370	252	112
Citizenship status (%)					
U.S. citizen or permanent resident	77.9	87.0	72.2	72.6	77.7
Temporary visa holder	15.2	5.3	21.1	24.2	8.9
Unknown	6.9	7.7	6.8	3.2	13.4
Marital status (%)					
Never married	16.9	14.9	17.0	18.3	20.5
Married	57.8	60.5	55.7	61.1	48.2
Marriage-like relationship	4.6	4.8	4.9	D	D
Separated, divorced, widowed	4.4	3.4	4.6	D	D
Unknown	16.3	16.4	17.8	10.7	23.2
Has dependent age 18 or younger (%)	49.6	53.8	48.2	47.6	44.2
Has one or more functional limitations (%)	10.5	10.3	10.6	10.3	11.6
Age at doctorate (median years)	38.5	39.7	37.8	37.7	39.3
Bachelor's in same field as doctorate (%) ^b	24.3	19.3	19.8	39.1	20.4
Master's earned (%)	97.1	98.2	96.3	97.4	95.7

Table 8-14**Education research doctorate recipients, statistical profile by sex and major field of doctorate: 2021**

(Number, percent, and median years)

Characteristic	All education fields	Education leadership and administration	Education research	Teacher education	Education, other
Master's earned at same doctorate institution (%)	32.8	34.3	34.8	28.9	30.3
Time to doctorate (median years)					
Years since earning bachelor's degree	15.0	16.0	13.8	14.3	15.4
From graduate school start	11.8	12.8	11.3	10.9	11.8
From doctoral program start ^c	5.5	5.8	5.8	5.1	5.3
Received tuition remission (%)	63.8	56.9	67.5	67.8	65.5
Female doctorate recipients (number)	2,599	705	834	757	303
Citizenship status (%)					
U.S. citizen or permanent resident	80.7	86.4	78.8	78.6	77.9
Temporary visa holder	12.6	6.2	15.7	15.9	10.6
Unknown	6.7	7.4	5.5	5.5	11.6
Marital status (%)					
Never married	17.2	16.0	17.4	18.2	16.8
Married	53.3	52.6	54.1	55.2	48.2
Marriage-like relationship	5.7	5.5	6.0	D	D
Separated, divorced, widowed	9.1	8.5	9.4	D	D
Unknown	14.7	17.3	13.2	11.1	21.8
Has dependent age 18 or younger (%)	42.4	47.1	40.0	41.4	40.9
Has one or more functional limitations (%)	12.8	10.9	12.4	15.2	12.3
Age at doctorate (median years)	39.0	40.8	37.8	38.5	38.1
Bachelor's in same field as doctorate (%) ^b	25.8	21.4	25.4	32.7	19.4
Master's earned (%)	96.7	98.1	97.4	96.6	90.9
Master's earned at same doctorate institution (%)	34.5	31.8	36.2	34.9	35.4
Time to doctorate (median years)					
Years since earning bachelor's degree	15.3	17.3	14.4	14.9	14.6
From graduate school start	12.0	13.9	11.3	12.0	11.7
From doctoral program start ^c	5.7	5.8	5.8	5.4	5.6
Received tuition remission (%)	64.6	55.2	67.3	68.6	68.2

* = value between 0.00% and 0.05%; 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.