

TABLE 8-14

Education research doctorate recipients, statistical profile by sex and major field of doctorate: 2023

(Number, percent, and median years)

Characteristic	All education fields	Education leadership and administration	Education research	Teacher education and teaching fields	Education, other
All doctorate recipients (number) ^a	3,988	1,179	1,253	1,098	458
Sex (%)					
Male	27.3	33.6	25.3	24.9	22.5
Female	72.7	66.4	74.7	75.1	77.5
Unknown	0.0	0.0	0.0	0.0	0.0
Citizenship status (%)					
U.S. citizen or permanent resident	82.5	89.1	78.6	80.6	80.8
Temporary visa holder	11.6	6.6	15.0	14.5	7.9
Unknown	5.9	4.2	6.4	4.9	11.4
Marital status (%)					
Never married	19.2	18.5	19.2	20.5	17.9
Married	54.3	56.3	53.6	56.5	45.9
Marriage-like relationship	5.2	4.7	4.5	5.9	6.3
Separated, divorced, widowed	7.1	7.3	7.1	6.6	7.6
Unknown	14.2	13.1	15.6	10.5	22.3
Has dependent age 18 or younger (%)	43.1	46.3	40.4	42.8	43.0
Has one or more functional limitations (%)	15.5	14.9	15.5	15.3	17.9
Age at doctorate (median years)	39.2	41.3	38.4	38.4	39.0
Bachelor's in same field as doctorate (%) ^b	25.7	23.2	20.0	35.8	21.7
Master's earned (%)	96.6	97.4	96.6	96.5	94.2
Master's earned at same doctorate institution (%)	31.3	30.1	33.1	31.1	29.9
Time to doctorate (median years)					
Years since earning bachelor's degree	15.4	17.6	14.4	14.4	15.0
From graduate school start	12.7	14.9	11.7	11.8	12.2
From doctoral program start ^c	5.6	5.8	5.6	5.3	5.7
Received tuition remission (%)	61.8	51.8	64.3	69.2	63.1
Male doctorate recipients (number)	1,089	396	317	273	103
Citizenship status (%)					
U.S. citizen or permanent resident	81.6	87.6	79.2	76.9	78.6
Temporary visa holder	12.9	8.1	15.8	17.6	10.7
Unknown	5.4	4.3	5.0	5.5	10.7
Marital status (%)					
Never married	20.3	16.2	23.0	23.4	19.4
Married	57.2	61.6	57.1	56.0	43.7
Marriage-like relationship	4.4	4.5	2.8	5.9	4.9
Separated, divorced, widowed	3.8	3.5	3.5	4.0	4.9
Unknown	14.3	14.1	13.6	10.6	27.2
Has dependent age 18 or younger (%)	46.7	56.8	41.8	40.2	40.0
Has one or more functional limitations (%)	14.1	12.3	15.7	14.5	16.0
Age at doctorate (median years)	39.4	41.4	38.6	37.8	39.6
Bachelor's in same field as doctorate (%) ^b	22.8	19.3	15.6	37.3	19.0

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Education research doctorate recipients, statistical profile by sex and major field of doctorate: 2023

(Number, percent, and median years)

Characteristic	All education fields	Education leadership and administration	Education research	Teacher education and teaching fields	Education, other
Master's earned (%)	96.0	97.5	94.8	96.0	93.7
Master's earned at same doctorate institution (%)	30.5	29.1	30.0	34.9	24.3
Time to doctorate (median years)					
Years since earning bachelor's degree	15.0	17.7	14.3	13.3	14.9
From graduate school start	12.8	15.4	11.6	11.3	11.6
From doctoral program start ^c	5.6	5.8	5.6	5.2	5.4
Received tuition remission (%)	57.8	44.8	63.1	69.3	59.7
Female doctorate recipients (number)	2,899	783	936	825	355
Citizenship status (%)					
U.S. citizen or permanent resident	82.9	89.9	78.4	81.8	81.4
Temporary visa holder	11.0	5.9	14.7	13.5	7.0
Unknown	6.1	4.2	6.8	4.7	11.5
Marital status (%)					
Never married	18.8	19.7	17.8	19.5	17.5
Married	53.2	53.6	52.5	56.6	46.5
Marriage-like relationship	5.5	4.9	5.0	5.9	6.8
Separated, divorced, widowed	8.3	9.2	8.3	7.5	8.5
Unknown	14.2	12.6	16.3	10.4	20.8
Has dependent age 18 or younger (%)	41.8	41.1	39.9	43.6	43.8
Has one or more functional limitations (%)	16.0	16.2	15.4	15.6	18.4
Age at doctorate (median years)	39.1	41.3	38.3	38.6	38.9
Bachelor's in same field as doctorate (%) ^b	26.7	25.1	21.5	35.3	22.4
Master's earned (%)	96.8	97.4	97.2	96.7	94.4
Master's earned at same doctorate institution (%)	31.6	30.5	34.2	29.9	31.3
Time to doctorate (median years)					
Years since earning bachelor's degree	15.6	17.6	14.5	14.8	15.3
From graduate school start	12.6	14.8	11.7	11.8	12.4
From doctoral program start ^c	5.7	5.8	5.6	5.3	5.8
Received tuition remission (%)	63.4	55.3	64.7	69.1	63.9

^a All doctorate recipients 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 about the 2021 taxonomy change, see the "Technical Notes."

Source(s):

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