

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

(Number, percent, and median years)

Characteristic	All health sciences fields	Nursing and nursing science	Pharmacy and pharmaceutical sciences	Public health	Health sciences, other
All doctorate recipients (number) <sup>a</sup>	2,582	603	408	696	875
Sex (%)					
Male	31.2	10.9	47.5	31.9	37.0
Female	68.8	89.1	52.5	68.1	63.0
Unknown	0.0	0.0	0.0	0.0	0.0
Citizenship status (%)					
U.S. citizen or permanent resident	73.0	84.6	48.0	75.7	74.6
Temporary visa holder	20.4	10.0	46.3	18.8	16.9
Unknown	6.5	5.5	5.6	5.5	8.5
Marital status (%)					
Never married	26.1	16.1	35.5	28.6	26.7
Married	48.1	58.5	40.9	46.6	45.4
Marriage-like relationship	6.9	2.7	5.4	9.9	8.0
Separated, divorced, widowed	5.8	11.4	2.9	5.0	3.9
Unknown	13.1	11.3	15.2	9.9	16.0
Has dependent age 18 or younger (%)	32.9	42.5	24.1	31.5	31.2
Has one or more functional limitations (%)	10.5	9.6	9.0	11.1	11.5
Age at doctorate (median years)	34.5	44.4	30.8	34.0	34.0
Bachelor's in same field as doctorate (%) <sup>b</sup>	44.5	87.5	41.5	24.4	32.0
Master's earned (%)	80.3	86.4	54.4	88.7	81.0
Master's earned at same doctorate institution (%)	33.7	28.5	34.7	36.8	34.3
Time to doctorate (median years)					
Years since earning bachelor's degree	11.3	17.0	8.0	11.0	11.0
From graduate school start	8.9	11.3	6.5	8.9	9.0
From doctoral program start <sup>c</sup>	5.3	5.3	5.3	5.0	5.3
Received tuition remission (%)	70.9	58.2	89.5	71.5	70.7
Male doctorate recipients (number)	806	66	194	222	324
Citizenship status (%)					
U.S. citizen or permanent resident	65.5	80.3	50.0	70.3	68.5
Temporary visa holder	28.0	15.2	45.4	25.2	22.2
Unknown	6.5	4.5	4.6	4.5	9.3
Marital status (%)					
Never married	31.9	24.2	37.1	31.1	30.9
Married	45.8	54.5	44.8	47.3	43.5
Marriage-like relationship	6.7	D	D	9.5	7.7
Separated, divorced, widowed	2.4	D	D	2.7	1.5
Unknown	13.3	9.1	13.9	9.5	16.4
Has dependent age 18 or younger (%)	30.3	40.7	25.1	31.5	30.4
Has one or more functional limitations (%)	10.1	6.7	9.6	9.5	11.5
Age at doctorate (median years)	33.0	39.0	31.1	34.1	33.3
Bachelor's in same field as doctorate (%) <sup>b</sup>	36.0	87.1	42.3	26.1	28.0

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

(Number, percent, and median years)

Characteristic	All health sciences fields	Nursing and nursing science	Pharmacy and pharmaceutical sciences	Public health	Health sciences, other
Master's earned (%)	73.7	82.3	54.3	82.6	77.4
Master's earned at same doctorate institution (%)	35.1	38.0	36.8	34.5	34.2
Time to doctorate (median years)					
Years since earning bachelor's degree	10.0	14.0	8.3	10.4	10.0
From graduate school start	7.8	9.4	6.8	8.0	8.3
From doctoral program start <sup>c</sup>	5.3	4.8	5.3	5.0	5.0
Received tuition remission (%)	75.2	68.3	88.8	70.9	71.5
Female doctorate recipients (number)	1,776	537	214	474	551
Citizenship status (%)					
U.S. citizen or permanent resident	76.5	85.1	46.3	78.3	78.2
Temporary visa holder	17.0	9.3	47.2	15.8	13.8
Unknown	6.5	5.6	6.5	5.9	8.0
Marital status (%)					
Never married	23.5	15.1	34.1	27.4	24.3
Married	49.1	59.0	37.4	46.2	46.5
Marriage-like relationship	6.9	D	D	10.1	8.2
Separated, divorced, widowed	7.4	D	D	6.1	5.3
Unknown	13.1	11.5	16.4	10.1	15.8
Has dependent age 18 or younger (%)	34.1	42.7	23.0	31.5	31.7
Has one or more functional limitations (%)	10.8	9.9	8.4	11.8	11.5
Age at doctorate (median years)	35.5	45.2	30.4	33.9	34.2
Bachelor's in same field as doctorate (%) <sup>b</sup>	48.3	87.5	40.7	23.7	34.2
Master's earned (%)	83.3	86.9	54.5	91.5	83.1
Master's earned at same doctorate institution (%)	33.1	27.4	32.7	37.8	34.4
Time to doctorate (median years)					
Years since earning bachelor's degree	12.0	17.3	7.9	11.2	11.5
From graduate school start	9.6	12.0	6.3	9.3	9.6
From doctoral program start <sup>c</sup>	5.2	5.3	5.0	5.0	5.3
Received tuition remission (%)	68.9	57.0	90.1	71.7	70.3

D = suppressed to avoid disclosure of confidential information.

<sup>a</sup> Includes respondents who did not report sex.<sup>b</sup> 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.<sup>c</sup> 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.