TABLE 3-6

Median years to non-science and engineering research doctorate, by sex, citizenship status, ethnicity, race, and broad field of doctorate: 2023

(Number and median years)

Time to degree and demographic characteristic	All fields		Non-science and engineering, total		Business		Education		Humanities		Visual and performing arts		Other non- science and engineering	
	Number	Median	Number	Median	Number	Median	Number	Median	Number	Median	Number	Median	Number	Median
Years since bachelor's degree														
Doctorate														
recipients reporting year of bachelor's														
degree	54,429	8.6	11,068	12.3	1,398	10.5	3,718	15.4	3,130	11.4	765	11.3	2,057	11.4
Sex														
Male	28,564	8.3	4,505	12.0	765	10.3	1,009	15.0	1,596	11.6	327	10.3	808	11.4
Female	25,858	9.0	6,563	12.8	633	10.9	2,709	15.6	1,534	11.3	438	12.0	1,249	11.3
Citizenship status														
U.S. citizen or permanent resident	34,922	8.8	8,371	13.0	647	12.3	3,219	16.2	2,476	11.4	569	11.4	1,460	12.0
Temporary visa holder	18,754	8.3	2,490	10.8	720	9.7	443	11.8	594	11.3	178	11.1	555	10.5
Ethnicity and race (U.S. citizens and permanent residents)														
Hispanic or Latino	3,370	8.6	818	12.7	38	14.4	345	14.4	246	11.4	49	11.3	140	12.0
Not Hispanic or Latino														
American Indian or Alaska Native	113	11.4	46	15.2	D	D	25	17.6	12	9.6	D	D	5	15.2
Asian	3,765	8.3	569	12.0	119	10.3	174	14.3	128	12.4	38	10.2	110	11.4
Black or African					_	_					_	_		
American	-	11.4	1,047	15.1	D	D	585	16.3	145	13.0	D	D	231	13.8
White	22,814	8.6	5,412	13.0	384	12.4	1,942	16.5	1,790	11.3	423	11.6	873	11.6
More than one race	1,291	8.0	236	12.3	15	17.0	76	14.4	74	11.3	16	8.2	55	11.6
Other race or race not reported	435	9.2	109	13.0	12	11.5	23	17.0	40	12.8	9	13.0	25	12.6
Ethnicity not reported	454	9.6	134	14.3	13	12.4	49	18.0	41	12.0	10	12.8	21	15.0
Years since entering graduate school		5.0	104	17.5	13	12.4	77	10.0	71	12.0	10	12.0	21	13.0

TABLE 3-6

Median years to non-science and engineering research doctorate, by sex, citizenship status, ethnicity, race, and broad field of doctorate: 2023

(Number and median years)

Time to degree and demographic	All fields		Non-science and engineering, total		Business		Education		Humanities		Visual and performing arts		Other non- science and engineering	
characteristic	Number	Median	Number	Median	Number	Median	Number	Median	Number	Median	Number	Median	Number	Median
Doctorate recipients reporting year of graduate school entry	52,827	7.2	10,643	10.0	1,328	8.8	3,584	12.7	3,009	9.8	744	9.3	1,978	9.3
Sex														
Male	27,788	7.0	4,339	9.8	730	8.8	972	12.8	1,536	9.8	323	8.8	778	9.3
Female	25,032	7.4	6,304	10.3	598	8.8	2,612	12.6	1,473	9.3	421	9.8	1,200	9.4
Citizenship status														
U.S. citizen or permanent resident	33,766	7.1	8,030	10.8	611	9.8	3,085	13.3	2,381	9.8	553	9.4	1,400	9.8
Temporary visa holder	18,200	7.3	2,385	9.0	688	8.2	415	9.3	576	9.9	174	9.3	532	8.8
Ethnicity and race (U.S. citizens and permanent residents)														
Hispanic or Latino	3,260	7.3	793	10.6	36	13.0	333	11.9	240	9.8	48	10.5	136	9.7
Not Hispanic or Latino														
American Indian or Alaska Native	95	8.8	36	12.3	D	D	21	12.8	8	8.8	D	D	D	D
Asian	3,699	7.0	562	10.1	117	8.4	174	12.0	124	10.3	38	8.9	109	10.3
Black or African American	2,596	9.7	1,018	12.3	D	D	564	13.7	144	10.0	D	D	D	D
White	22,279	7.0	5,237	10.7	368	9.3	1,875	13.7	1,740	9.6	410	9.5	844	9.3
More than one race	1,283	6.8	233	10.5	15	14.7	76	12.8	72	9.8	16	7.1	54	10.8
Other race or race not reported	340	7.6	89	11.0	8	9.0	20	15.3	33	9.8	8	9.9	20	10.4
Ethnicity not reported	214	8.1	62	10.5	5	7.8	22	11.5	20	10.3	9	10.3	6	12.2
Years since entering doctoral program ^a	214	0.1	02	10.3	3	7.0	22	11.3	20	10.3	9	10.3	0	12.2

TABLE 3-6

Median years to non-science and engineering research doctorate, by sex, citizenship status, ethnicity, race, and broad field of doctorate: 2023

(Number and median years)

Time to degree and demographic characteristic	All fields		Non-science and engineering, total		Business		Education		Humanities		Visual and performing arts		Other non- science and engineering	
	Number	Median	Number	Median	Number	Median	Number	Median	Number	Median	Number	Median	Number	Median
Doctorate recipients reporting year of doctoral program entry ^b	52,050	5.7	10,464	5.9	1,314	5.0	3,523	5.6	2,953	6.8	737	6.7	1,937	5.8
Sex														
Male	27,340	5.7	4,265	6.0	724	5.0	958	5.6	1,501	6.8	320	6.3	762	5.8
Female	24,703	5.8	6,199	5.9	590	5.0	2,565	5.7	1,452	6.8	417	6.8	1,175	5.8
Citizenship status														
U.S. citizen or permanent resident	33,211	5.8	7,885	6.0	603	5.0	3,029	5.8	2,336	6.9	550	6.8	1,367	5.8
Temporary visa holder	17,993	5.3	2,356	5.8	684	5.0	411	5.2	566	6.4	170	6.3	525	5.4
Ethnicity and race (U.S. citizens and permanent residents)														
Hispanic or Latino	3,200	5.8	781	6.3	35	5.0	330	5.8	235	7.0	48	6.9	133	5.3
Not Hispanic or Latino														
American Indian or Alaska Native	92	5.8	33	5.3	D	D	19	7.3	8	5.3	D	D	D	D
Asian	3,638	5.8	553	5.9	113	5.7	173	5.3	122	7.0	38	6.0	107	5.7
Black or African American	2,527	5.8	982	5.8	D	D	543	5.7	142	6.3	D	D	D	D
White	21,955	5.8	5,164	6.0	366	4.9	1,850	5.7	1,709	6.8	408	6.8	831	5.8
More than one race	1,265	5.8	229	6.7	15	5.7	76	6.2	70	7.0	15	6.6	53	6.0
Other race or race not reported	325	5.8	83	6.8	8	6.6	16	6.8	32	7.1	8	7.0	19	5.0
Ethnicity not reported	209	5.8	60	5.8	5		22	4.5	18	7.8	9		6	

D = suppressed to avoid disclosure of confidential information.

^a Years since entering doctoral program is based on master's degree program 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.

^b Doctorate recipients reporting year of doctoral program entry includes only cases with valid year of entry into master's program if master's degree was at the doctoral institution in the same field of study or was a prerequisite to the doctorate; otherwise, includes only cases with valid year of doctoral program entry.

Note(s)

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.