



APPENDIX TABLE 2-31

Median number of years from S&E doctorate recipients' entry to graduate school to receipt of doctorate, by sex, citizenship, ethnicity, race, and broad field of study: 2015

(Median number of years and number of recipients)

Field	Total ^a	Sex		Temporary visa holder	U.S. citizens and permanent residents									Unknown citizenship
		Male	Female		Total	Hispanic or Latino	Not Hispanic or Latino						Ethnicity not reported	
							American Indian or Alaska Native	Asian	Black or African American	White	More than one race	Other race or race not reported		
All fields (median years)	7.3	7.2	7.7	7.3	7.4	7.7	9.7	7.3	9.7	7.3	7.2	7.8	7.0	7.0
S&E	6.8	6.7	6.9	7.1	6.7	6.9	8.3	6.9	8.3	6.7	6.7	7.0	6.3	6.6
Agricultural sciences	7.3	7.3	7.3	7.7	7.3	8.7	8.5	7.3	8.5	7.0	8.3	8.5	9.6	
Biological sciences	6.3	6.7	6.3	7.0	6.3	6.3	6.7	6.7	6.7	6.2	6.3	5.8	6.0	5.7
Computer sciences	7.6	7.4	8.0	7.3	7.9	9.4	10.0	8.8	10.0	7.7	8.2	7.7	8.0	6.2
Earth, atmospheric, and ocean sciences	6.9	7.0	6.9	7.3	6.7	6.8	7.7	7.7	7.0	6.7	6.7	9.1	10.9	
Engineering	6.7	6.7	6.3	6.9	6.2	6.2	7.3	6.7	7.0	6.0	6.0	5.6	5.3	6.6
Mathematics	6.0	6.1	6.0	6.3	6.0	6.5	7.7	7.0	7.7	5.9	5.5	8.0	6.0	5.7
Medical and other health sciences	9.0	7.7	9.7	7.3	9.7	10.9	11.0	7.9	11.0	9.7	8.2	9.7	7.9	
Physical sciences	6.0	6.0	5.9	6.7	5.7	6.0	6.3	6.0	6.3	5.7	5.9	4.7	5.0	5.9
Psychology	7.0	7.0	7.0	7.9	7.0	7.0	7.2	6.7	8.3	6.8	7.0	6.9	7.3	7.7
Social sciences	8.3	8.2	8.7	8.3	8.5	9.0	11.4	9.0	10.0	8.2	7.7	10.3	10.0	8.0



Field	Total ^a	Sex		Temporary visa holder	U.S. citizens and permanent residents									Unknown citizenship
		Male	Female		Total	Hispanic or Latino	Not Hispanic or Latino						Ethnicity not reported	
							American Indian or Alaska Native	Asian	Black or African American	White	More than one race	Other race or race not reported		
Non-S&E	10.0	9.7	10.1	9.0	10.2	10.2	12.4	10.6	12.0	10.0	9.7	10.0	11.0	8.0
All fields (number)	49,402	26,690	22,712	15,394	33,737	2,329	120	3,014	2,182	24,768	900	220	204	271
S&E	37,495	21,675	15,820	13,452	23,844	1,604	68	2,449	1,290	17,455	669	161	148	199
Agricultural sciences	1,219	635	584	492	721	49	s	44	26	570	18	s	6	6
Biological sciences	7,838	3,690	4,148	2,137	5,670	442	11	691	194	4,093	181	32	26	31
Computer sciences	1,791	1,428	363	1,041	735	34	0	106	27	533	18	7	10	15
Earth, atmospheric, and ocean sciences	892	521	371	275	612	34	s	22	11	519	16	s	6	5
Engineering	8,974	6,903	2,071	4,878	4,048	282	7	645	159	2,797	108	30	20	48
Mathematics	1,651	1,184	467	788	854	38	0	92	25	657	17	10	15	9
Medical and other health sciences	2,401	761	1,640	490	1,898	122	s	169	219	1,312	41	s	14	13
Physical sciences	4,412	3,023	1,389	1,705	2,685	131	7	245	86	2,117	72	13	14	22
Psychology	3,128	904	2,224	244	2,865	218	10	179	227	2,129	80	10	12	19
Social sciences	5,189	2,626	2,563	1,402	3,756	254	22	256	316	2,728	118	37	25	31
Non-S&E	11,907	5,015	6,892	1,942	9,893	725	52	565	892	7,313	231	59	56	72



s = suppressed for reasons of confidentiality and/or reliability.

^a Total includes doctorate recipients for whom sex was not reported.

Note(s)

Includes only doctorate recipients who reported year of entry to first graduate school or program. Reporting categories for ethnicity and race were expanded in 2013; comparisons with data before 2013 should be made with caution. Percentages may not add to total because of rounding.

Source(s)

National Science Foundation, National Center for Science and Engineering Statistics, special tabulations (2016), 2015 Survey of Earned Doctorates (SED).

Science and Engineering Indicators 2018