

TABLE 33. Educational attainment of doctorate recipients' parents, by sex, citizenship status, ethnicity, race, and broad field of study: 2014

Demographic characteristic and broad field of study	Total (number)	Parental education attainment (%)				
		All	High school or less	Some college ^a	Bachelor's degree	Advanced degree
All doctorate recipients						
Father's education ^b	46,495	100.0	24.3	13.0	27.1	35.6
Mother's education ^c	46,650	100.0	30.4	15.9	28.1	25.6
Sex						
Male						
Father's education	24,980	100.0	25.1	12.3	27.5	35.2
Mother's education	25,002	100.0	32.4	15.1	28.5	24.0
Female						
Father's education	21,515	100.0	23.4	13.9	26.7	36.1
Mother's education	21,648	100.0	28.0	16.8	27.7	27.5
Citizenship status						
U.S. citizen or permanent resident						
Father's education	31,860	100.0	21.3	14.1	24.6	39.9
Mother's education	32,067	100.0	24.3	17.9	27.6	30.1
Temporary visa holder						
Father's education	14,596	100.0	30.8	10.6	32.5	26.1
Mother's education	14,542	100.0	43.7	11.5	29.2	15.6
Ethnicity and race (U.S. citizens and permanent residents)						
Hispanic or Latino						
Father's education	2,006	100.0	36.3	13.8	21.1	28.8
Mother's education	2,040	100.0	38.0	18.0	21.7	22.3
Not Hispanic or Latino						
American Indian or Alaska Native						
Father's education	92	100.0	42.4	15.2	14.1	28.3
Mother's education	92	100.0	40.2	22.8	15.2	21.7
Asian						
Father's education	2,740	100.0	20.5	9.4	26.1	43.9
Mother's education	2,745	100.0	31.0	11.9	30.1	27.0
Black or African American						
Father's education	1,948	100.0	40.4	20.8	16.0	22.8
Mother's education	2,019	100.0	36.9	21.2	18.1	23.8
White						
Father's education	23,875	100.0	18.7	14.1	25.6	41.6
Mother's education	23,967	100.0	21.3	18.4	28.8	31.6
More than one race						
Father's education	841	100.0	19.3	16.4	20.9	43.4
Mother's education	847	100.0	23.7	17.2	26.3	32.7
Other race or race not reported						
Father's education	226	100.0	18.6	13.3	25.2	42.9
Mother's education	226	100.0	23.9	16.4	31.0	28.8
Ethnicity not reported						
Father's education	132	100.0	19.7	6.8	23.5	50.0
Mother's education	131	100.0	27.5	11.5	20.6	40.5
Field of study						
Life sciences^d						
Father's education	10,969	100.0	23.3	13.2	27.1	36.3
Mother's education	11,005	100.0	28.5	16.2	28.6	26.7
Physical sciences^e						
Father's education	8,551	100.0	24.7	12.4	28.3	34.5
Mother's education	8,558	100.0	31.5	14.9	29.2	24.4
Social sciences^f						
Father's education	7,227	100.0	22.6	13.7	25.0	38.7

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		All	High school or less	Some college ^a	Bachelor's degree	Advanced degree
Mother's education	7,280	100.0	27.0	17.1	26.6	29.3
Engineering						
Father's education	8,326	100.0	24.6	11.3	31.6	32.6
Mother's education	8,334	100.0	33.8	14.1	31.0	21.1
Education						
Father's education	4,058	100.0	32.4	17.1	22.1	28.3
Mother's education	4,089	100.0	37.1	19.8	21.9	21.1
Humanities						
Father's education	4,792	100.0	20.3	12.3	24.2	43.1
Mother's education	4,800	100.0	24.2	15.1	28.2	32.5
Other ^d						
Father's education	2,572	100.0	26.0	12.6	27.4	34.1
Mother's education	2,584	100.0	33.3	16.0	27.5	23.2

^a Includes those who attended college but did not earn a bachelor's.

^b Total count excludes 7,053 who did not report father's education and 522 (1.0%) who reported "not applicable/unknown."

^c Total count excludes 7,033 who did not report mother's education and 387 (0.7%) who reported "not applicable/unknown."

^d Includes agricultural sciences and natural resources; biological, biomedical sciences; and health sciences.

^e Includes mathematics and computer and information sciences.

^f Includes psychology.

^g Non-science and engineering fields not shown separately.

NOTE: Due to rounding, percentages may not sum to 100.

SOURCE: NSF, NIH, USED, USDA, NEH, NASA, Survey of Earned Doctorates, 2014.