

TABLE 33. Educational attainment of doctorate recipients' parents, by sex, citizenship status, ethnicity, race, and broad field of study: 2013

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	46,025	100.0	24.8	13.2	26.5	35.5
Mother's education ^c	46,223	100.0	31.0	16.1	27.5	25.5
Sex						
Male						
Father's education	24,679	100.0	25.5	12.3	27.0	35.2
Mother's education	24,739	100.0	33.1	15.1	27.8	24.1
Female						
Father's education	21,346	100.0	24.0	14.2	26.0	35.8
Mother's education	21,484	100.0	28.6	17.2	27.1	27.1
Citizenship status						
U.S. citizen or permanent resident						
Father's education	31,586	100.0	21.9	14.0	24.5	39.6
Mother's education	31,813	100.0	24.7	18.1	27.3	29.9
Temporary visa holder						
Father's education	14,402	100.0	31.3	11.4	30.9	26.5
Mother's education	14,375	100.0	44.8	11.7	27.8	15.8
Ethnicity and race (U.S. citizens and permanent residents)						
Hispanic or Latino						
Father's education	1,956	100.0	35.4	15.0	19.4	30.2
Mother's education	1,986	100.0	40.2	18.1	20.4	21.2
Not Hispanic or Latino						
American Indian or Alaska Native						
Father's education	105	100.0	39.0	21.0	24.8	15.2
Mother's education	108	100.0	38.9	27.8	17.6	15.7
Asian						
Father's education	2,751	100.0	20.0	10.4	24.8	44.7
Mother's education	2,753	100.0	30.6	11.7	30.5	27.2
Black or African American						
Father's education	1,928	100.0	42.9	19.1	16.1	21.8
Mother's education	2,005	100.0	38.4	22.4	16.6	22.6
White						
Father's education	23,642	100.0	19.4	13.8	25.7	41.1
Mother's education	23,739	100.0	21.7	18.4	28.5	31.4
Two or more races						
Father's education	815	100.0	16.4	16.7	22.3	44.5
Mother's education	828	100.0	21.0	18.8	27.4	32.7
Other race or race not reported						
Father's education	221	100.0	16.3	11.8	28.1	43.9
Mother's education	223	100.0	15.2	20.2	31.4	33.2
Ethnicity not reported						
Father's education	168	100.0	21.4	16.1	18.5	44.0
Mother's education	171	100.0	28.7	17.5	21.1	32.7
Field of study						
Life sciences^d						
Father's education	10,937	100.0	23.9	13.7	26.8	35.7
Mother's education	10,979	100.0	29.1	16.6	27.9	26.4
Physical sciences^e						
Father's education	8,179	100.0	24.1	13.5	28.4	34.0
Mother's education	8,197	100.0	32.0	15.2	29.3	23.6
Social sciences^f						
Father's education	7,217	100.0	23.3	13.1	24.1	39.6

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		All	High school or less	Some college ^a	Bachelor's degree	Advanced degree
Mother's education	7,266	100.0	27.2	17.0	26.0	29.9
Engineering						
Father's education	7,831	100.0	24.4	12.0	31.1	32.5
Mother's education	7,833	100.0	34.4	14.1	30.5	21.0
Education						
Father's education	4,259	100.0	34.8	15.3	21.3	28.6
Mother's education	4,304	100.0	39.0	19.3	21.1	20.7
Humanities						
Father's education	4,918	100.0	21.0	11.8	24.0	43.2
Mother's education	4,946	100.0	24.4	15.9	27.2	32.5
Other ^g						
Father's education	2,684	100.0	27.2	13.0	25.7	34.2
Mother's education	2,698	100.0	35.0	15.2	26.4	23.4

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

^b Total count excludes 6,212 who did not report father's education and 523 (1.0%) who reported "not applicable/unknown."

^c Total count excludes 6,174 who did not report mother's education and 363 (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, 2013.