

TABLE 58. Statistical profile of doctorate recipients in physical sciences fields, by sex and field of study: 2013

Characteristic	All physical sciences fields	Chemistry	Computer and information sciences	Geosciences	Mathematics	Physics and astronomy
All doctorate recipients (number) ^a	9,290	2,491	1,897	880	1,817	2,205
Sex (%)						
Male	70.9	60.3	81.7	56.6	71.0	79.4
Female	29.0	39.6	18.3	43.3	29.0	20.6
Unknown	*	0.1	0.0	0.1	0.0	0.0
Citizenship (%)						
U.S. citizen or permanent resident	52.4	58.1	41.2	64.7	47.9	54.4
Temporary visa holder	42.1	35.8	53.6	31.1	46.4	40.3
Unknown	5.5	6.1	5.2	4.2	5.7	5.3
Marital status (%)						
Never married	37.4	36.7	34.0	30.9	41.8	39.9
Married	42.2	41.4	47.3	46.6	38.4	40.0
Marriage-like relationship	8.0	8.6	6.2	10.5	7.2	8.6
Separated, divorced, widowed	2.2	2.2	2.1	3.4	2.1	1.8
Unknown	10.3	11.0	10.4	8.6	10.6	9.7
Bachelor's in same field as doctorate (%) ^b	67.4	73.1	55.6	51.6	71.8	73.8
Master's earned (%)	62.1	37.3	77.3	71.6	70.9	65.8
Age at doctorate (median years)	29.9	29.1	31.1	30.9	29.5	29.8
Time to doctorate (median years)						
From bachelor's	7.3	6.6	8.5	8.2	7.0	7.3
From graduate school start	6.5	5.7	7.6	7.0	6.3	6.7
Male doctorate recipients (number)	6,589	1,502	1,549	498	1,290	1,750
Citizenship (%)						
U.S. citizen or permanent resident	51.1	56.7	40.7	61.2	48.8	54.2
Temporary visa holder	43.4	36.7	54.4	34.3	45.1	40.6
Unknown	5.6	6.6	4.9	4.4	6.0	5.2
Marital status (%)						
Never married	37.7	34.6	35.0	30.5	43.3	40.7
Married	42.9	44.1	46.7	50.0	37.8	40.2
Marriage-like relationship	7.2	7.9	6.1	7.2	6.6	7.9
Separated, divorced, widowed	1.7	1.7	1.7	2.6	1.8	1.5
Unknown	10.5	11.7	10.5	9.6	10.5	9.7
Bachelor's in same field as doctorate (%) ^b	67.0	72.0	55.9	53.0	70.7	73.7
Master's earned (%)	62.4	36.1	76.6	73.3	69.0	64.5
Age at doctorate (median years)	30.0	29.2	31.2	31.3	29.5	29.8
Time to doctorate (median years)						
From bachelor's	7.3	6.6	8.5	8.3	7.0	7.3
From graduate school start	6.7	5.7	7.3	7.2	6.2	6.6
Female doctorate recipients (number)	2,698	987	348	381	527	455
Citizenship (%)						
U.S. citizen or permanent resident	55.7	60.3	43.7	69.3	45.7	55.2
Temporary visa holder	39.1	34.4	49.7	27.0	49.5	39.3
Unknown	5.2	5.3	6.6	3.7	4.7	5.5
Marital status (%)						
Never married	36.5	40.0	29.6	31.5	38.1	36.5
Married	40.5	37.5	50.0	42.3	39.7	39.6
Marriage-like relationship	10.1	9.6	6.9	14.7	8.7	11.2
Separated, divorced, widowed	3.3	3.0	3.7	4.5	2.8	2.9
Unknown	9.6	9.8	9.8	7.1	10.6	9.9
Bachelor's in same field as doctorate (%) ^b	68.5	74.8	54.0	49.9	74.6	74.5
Master's earned (%)	61.3	39.1	80.7	69.6	75.5	71.0
Age at doctorate (median years)	29.6	28.9	30.9	30.5	29.4	29.7

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Characteristic	All physical sciences fields	Chemistry	Computer and information sciences	Geosciences	Mathematics	Physics and astronomy
Time to doctorate (median years)						
From bachelor's	7.2	6.5	8.9	8.0	7.1	7.3
From graduate school start	6.3	5.7	7.8	7.0	6.3	6.7

* = value < 0.05%.

^a Includes respondents who did not report sex.

^b A bachelor's degree is counted as "in same field as doctorate" if the fields of study for the doctorate recipient's bachelor's degree and doctorate degree are both in the same major field category of the National Science Foundation's field of study taxonomy. See table A-6 in the technical notes for a listing of major fields and their constituent subfields.

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

SOURCE: NSF, NIH, USED, USDA, NEH, NASA, Survey of Earned Doctorates, 2013.