

TABLE 58. Statistical profile of doctorate recipients in physical sciences fields, by sex and field of study: 2014

Characteristic	All physical sciences fields	Chemistry	Computer and information sciences	Geosciences	Mathematics	Physics and astronomy
All doctorate recipients (number) ^a	9,859	2,673	2,072	989	1,879	2,246
Sex (%)						
Male	71.0	61.5	80.0	58.6	71.1	79.6
Female	28.6	38.2	19.6	41.3	28.5	20.0
Unknown	0.4	0.4	0.4	0.1	0.4	0.4
Citizenship (%)						
U.S. citizen or permanent resident	51.3	54.1	40.9	63.4	49.7	53.7
Temporary visa holder	41.5	37.5	51.5	31.7	43.6	39.7
Unknown	7.1	8.4	7.6	4.9	6.7	6.6
Marital status (%)						
Never married	37.9	37.9	34.5	33.0	41.7	40.2
Married	41.3	40.1	47.0	43.5	37.6	39.5
Marriage-like relationship	7.4	8.1	5.7	11.5	7.1	6.7
Separated, divorced, widowed	1.8	1.2	1.8	3.0	1.6	2.2
Unknown	11.5	12.7	11.0	9.0	12.0	11.4
Bachelor's in same field as doctorate (%) ^b	64.3	70.9	50.5	48.2	70.9	70.7
Master's earned (%)	60.6	36.1	74.9	70.2	69.5	65.0
Age at doctorate (median years)	29.9	29.2	31.2	31.2	29.5	29.8
Time to doctorate (median years)						
From bachelor's	7.3	6.4	8.4	8.4	7.0	7.3
From graduate school start	6.5	5.7	7.3	7.3	6.3	6.7
Male doctorate recipients (number)	7,004	1,643	1,657	580	1,336	1,788
Citizenship (%)						
U.S. citizen or permanent resident	50.4	53.8	40.0	57.9	50.4	54.6
Temporary visa holder	42.4	38.0	52.5	35.5	42.5	39.3
Unknown	7.1	8.2	7.5	6.6	7.0	6.1
Marital status (%)						
Never married	38.5	37.4	36.1	29.0	43.8	40.8
Married	41.7	42.5	46.0	46.9	36.3	39.4
Marriage-like relationship	6.8	6.6	5.5	10.9	7.3	6.7
Separated, divorced, widowed	1.5	1.3	1.4	1.6	1.1	2.1
Unknown	11.4	12.1	10.9	11.7	11.5	11.1
Bachelor's in same field as doctorate (%) ^b	64.0	70.7	51.7	46.9	69.7	70.8
Master's earned (%)	61.2	36.2	74.4	70.0	66.9	64.7
Age at doctorate (median years)	30.1	29.4	31.1	31.7	29.6	29.9
Time to doctorate (median years)						
From bachelor's	7.3	6.5	8.3	8.5	7.0	7.3
From graduate school start	6.6	5.7	7.3	7.6	6.2	6.7
Female doctorate recipients (number)	2,820	1,020	407	408	535	450
Citizenship (%)						
U.S. citizen or permanent resident	54.2	55.2	45.5	71.3	48.6	50.9
Temporary visa holder	39.8	37.0	48.4	26.5	46.9	42.0
Unknown	6.0	7.8	6.1	2.2	4.5	7.1
Marital status (%)						
Never married	37.0	38.9	28.3	38.7	37.2	38.7
Married	40.7	36.6	52.1	38.7	41.3	40.9
Marriage-like relationship	9.0	10.6	6.9	12.5	6.9	6.9
Separated, divorced, widowed	2.6	1.1	3.2	5.1	2.8	2.7
Unknown	10.7	12.8	9.6	4.9	11.8	10.9
Bachelor's in same field as doctorate (%) ^b	65.7	72.0	46.9	50.2	75.0	71.3
Master's earned (%)	59.9	36.4	78.4	70.6	76.4	67.3
Age at doctorate (median years)	29.6	28.8	31.3	30.6	29.4	29.6

TABLE 58. Statistical profile of doctorate recipients in physical sciences fields, by sex and field of study: 2014

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	6.3	8.9	8.2	7.2	7.3
From graduate school start	6.3	5.7	7.9	7.2	6.6	6.3

^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, except for engineering and education fields where broad field categories need be the same. 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, 2014.