

TABLE 4. Employed doctoral scientists and engineers, by selected demographic characteristics and broad field of doctorate: 2008

Characteristic	Science									
	All employed	All sciences	Biological/ agricultural/ environmental life sciences	Computer/ information sciences	Mathematics/ statistics	Physical sciences	Psychology	Social sciences	Engineering	Health
Doctorate recipient	651,200	506,300	164,000	16,200	30,000	115,400	99,200	81,600	116,000	28,900
Sex										
Male	451,200	336,900	107,300	13,300	24,200	94,500	45,800	51,700	103,200	11,200
Female	199,900	169,400	56,700	2,800	5,900	20,800	53,300	29,800	12,800	17,700
Ethnicity/race										
Hispanic or Latino	20,300	16,500	5,400	400	800	2,900	4,000	3,000	2,900	800
Not Hispanic or Latino										
American Indian or Alaska Native	1,300	1,200	300	D	D	200	300	400	100	100
Asian	117,300	71,400	27,300	5,400	6,600	21,800	3,200	7,000	42,100	3,800
Black or African American	19,400	15,400	3,900	300	600	1,900	4,400	4,200	2,200	1,800
White	484,900	395,300	124,900	9,800	21,800	87,200	85,900	65,700	67,500	22,000
Other race ^a	8,000	6,500	2,200	200	200	1,300	1,300	1,300	1,100	400
Age										
Under 35	67,800	49,500	18,900	2,500	3,600	12,700	7,200	4,700	16,200	2,000
35–39	85,900	64,900	22,600	2,800	4,100	14,800	11,100	9,400	17,500	3,400
40–44	87,400	66,200	23,500	2,700	4,000	15,600	10,700	9,700	17,800	3,400
45–49	89,700	68,000	22,200	3,100	3,500	16,900	12,400	10,000	18,400	3,300
50–54	93,900	74,800	25,700	2,400	3,500	16,900	14,900	11,400	14,400	4,700
55–59	88,700	72,100	21,800	1,500	3,400	13,600	17,900	13,800	11,000	5,600
60–64	75,600	62,100	16,700	900	3,700	13,100	15,400	12,300	9,500	4,000
65–75	62,200	48,500	12,500	100	4,100	11,800	9,600	10,400	11,200	2,400
Citizenship status										
U.S. citizen	577,300	459,300	148,300	12,100	24,800	102,500	96,800	74,800	91,800	26,100
Native-born	474,900	393,400	125,800	8,300	19,100	82,900	91,400	65,900	58,500	23,000
Naturalized	102,400	66,000	22,600	3,800	5,700	19,600	5,400	8,900	33,300	3,100
Non-U.S. citizen	73,900	47,000	15,600	4,000	5,200	12,900	2,300	6,800	24,200	2,800
Permanent resident	47,600	30,900	9,900	2,600	3,400	8,400	1,900	4,700	14,800	1,900
Temporary resident	26,200	16,000	5,700	1,400	1,800	4,500	500	2,100	9,400	800
Years since doctorate										
≤5	124,800	91,500	31,900	5,000	5,500	18,200	16,100	14,800	25,200	8,100
6–10	107,100	80,500	27,600	3,200	4,400	16,500	15,500	13,200	20,600	6,100
11–15	100,300	75,300	24,700	3,600	4,100	17,000	14,200	11,700	20,100	4,900
16–20	83,200	64,400	20,600	2,400	3,200	15,400	13,200	9,600	15,300	3,500
21–25	73,200	60,200	18,500	1,200	2,800	14,300	13,700	9,600	10,400	2,500
>25	162,600	134,400	40,700	700	9,900	34,000	26,500	22,600	24,400	3,800
Place of birth ^b										
United States	467,800	387,700	123,800	8,000	18,800	82,000	90,300	64,800	57,600	22,600
Europe	31,600	25,100	6,700	1,400	2,700	7,100	3,000	4,200	5,500	900
Asia	121,800	71,600	26,300	5,800	7,000	21,600	3,000	7,900	46,500	3,700
North America ^c	6,200	4,900	1,500	100	300	900	1,000	1,000	900	400
Central America ^d	2,800	2,200	800	D	100	500	400	400	500	100
Caribbean	2,800	2,100	500	*	200	400	500	500	500	200

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	All employed	All sciences	Biological/ agricultural/ environmental life sciences	Computer/ information sciences	Mathematics/ statistics	Physical sciences	Psychology	Social sciences	Engineering	Health
South America	6,000	4,500	1,700	200	400	800	600	900	1,300	200
Africa	8,600	5,700	1,900	400	500	1,300	300	1,400	2,300	600
Oceania	1,100	900	200	D	100	100	D	300	200	100

* = value < 50; D = suppressed for confidentiality.

^a Includes Native Hawaiians, Other Pacific Islanders, respondents reporting 2 or more races.

^b Numbers are based on persons who reported place of birth. Persons who did not specify place of birth are included in total but not shown separately.

^c Excludes United States.

^d Includes Mexico.

NOTES: Numbers are rounded to nearest 100. Detail may not add to total because of rounding.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Doctorate Recipients: 2008.