

TABLE 42. Employed doctoral scientists and engineers, by selected demographic characteristics and broad field of doctorate: 2003

Characteristic	Science (%)									
	Total	Total	Biological, agricultural, and environmental life sciences	Computer and information sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Engineering	Health
Number employed	593,300	468,570	145,760	11,960	28,330	112,670	91,410	78,450	101,500	23,230
All characteristics	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Sex										
Male	72.8	70.4	69.4	84.6	83.9	85.0	50.4	67.5	91.3	41.6
Female	27.2	29.6	30.6	15.4	16.1	15.0	49.6	32.5	8.7	58.4
Race/ethnicity										
American Indian/Alaska Native	0.7	0.7	0.7	S	0.6	0.5	0.9	1.0	0.4	0.8
Asian	16.5	13.2	15.5	32.6	20.3	18.0	2.7	8.9	33.0	11.8
Black	2.9	3.0	2.4	3.1	2.1	1.5	4.1	5.0	2.3	5.1
Hispanic	2.6	2.8	2.6	2.1	2.3	2.2	3.6	3.2	2.0	2.7
White	77.0	80.2	78.6	61.9	74.5	77.6	88.5	81.8	62.1	79.4
Other/unknown race/ethnicity ^a	0.2	0.2	0.2	S	S	0.2	0.1	0.1	0.2	S
Age										
Under 35	10.1	9.7	10.4	16.7	10.5	11.3	8.4	6.5	12.4	7.8
35–39	13.4	12.8	14.5	19.7	14.1	13.3	10.2	10.3	16.8	10.5
40–44	15.0	14.3	15.4	24.5	11.6	16.0	12.2	11.6	18.7	12.3
45–49	15.6	15.9	17.8	18.5	12.6	15.2	15.3	14.8	14.3	15.6
50–54	15.2	15.8	15.7	12.9	13.5	12.4	19.3	17.9	10.9	23.0
55–59	14.3	14.9	12.5	6.2	15.9	13.5	18.6	17.9	10.8	17.0
60–64	10.5	10.8	9.0	1.3	14.9	11.6	9.5	14.4	9.5	9.5
65–75	5.9	5.9	4.7	S	7.0	6.7	6.4	6.7	6.5	4.3
Citizenship status										
U.S. citizen	90.0	91.7	91.2	75.6	86.2	90.3	98.0	91.8	81.7	91.9
Native born	75.2	79.5	78.4	54.4	67.8	74.3	93.0	81.3	53.8	81.1
Naturalized	14.8	12.2	12.8	21.2	18.4	16.0	5.0	10.4	27.9	10.8
Non-U.S. citizen	10.0	8.3	8.8	24.4	13.8	9.7	2.0	8.2	18.3	8.1
Permanent resident	6.7	5.6	5.9	17.3	9.0	6.2	1.5	5.6	12.2	5.4
Temporary resident	3.3	2.7	2.9	7.1	4.8	3.5	0.5	2.6	6.1	2.7
Years since doctorate										
5 or less	19.5	18.5	19.5	31.3	16.1	16.3	18.3	19.2	21.6	29.0
6–10	18.1	17.1	18.2	30.6	16.0	16.2	16.3	15.8	21.6	23.0
11–15	14.7	14.4	14.8	20.7	12.8	14.4	14.6	13.1	15.7	15.9
16–20	12.9	13.5	13.4	11.5	10.8	13.0	15.5	13.3	10.6	11.8
21–25	11.5	12.3	12.4	6.0	10.6	10.9	13.8	13.8	8.1	9.9
More than 25	23.3	24.1	21.6	S	33.6	29.2	21.5	24.8	22.3	10.4
Place of birth										
United States	74.6	78.8	77.8	52.8	66.4	73.7	92.3	80.7	53.6	80.8
Europe	4.3	4.3	3.5	7.2	8.5	5.6	2.5	4.3	4.6	3.0
Asia	16.8	12.8	14.5	33.2	21.1	17.2	2.5	9.3	36.3	11.6
North America	1.0	1.0	1.0	1.7	0.6	0.9	1.1	1.1	0.9	0.8
Central America	0.4	0.4	0.6	S	S	0.4	0.3	0.3	0.4	S
Caribbean	0.4	0.4	0.2	S	0.2	0.3	0.6	0.7	0.5	0.5
South America	0.8	0.7	0.8	1.7	1.0	0.6	0.4	1.1	0.9	0.6
Africa	1.2	1.0	1.1	1.3	1.4	0.9	0.2	1.8	2.1	1.6
Oceania	0.6	0.5	0.5	1.8	0.7	0.5	0.2	0.7	0.8	0.9

S = suppressed due to too few cases (fewer than 50 weighted cases).

^a Includes Native Hawaiians/other Pacific Islanders and respondents choosing multiple races (excluding those selecting an Hispanic ethnicity).

NOTES: Race/ethnicity data are for all doctorate recipients, including temporary residents. Numbers are rounded to nearest 10. Detail may not add to total because of rounding.

SOURCE: National Science Foundation/Division of Science Resources Statistics, 2003 Survey of Doctorate Recipients.