

TABLE 27. Employed doctoral scientists and engineers, by selected demographic and employment-related characteristics, race/ethnicity, and sex: 2006
(Percent distribution)

Characteristic	All employed			American Indian/ Alaska Native			Asian			Black			Hispanic			White			Other race/ethnicity ^a		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Number employed	621,630	438,900	182,730	4,130	2,750	1,380	105,830	79,220	26,610	18,870	10,590	8,280	18,190	11,330	6,850	473,610	334,360	139,250	1,010	650	360
All characteristics	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Age																					
Under 35	10.9	9.5	14.1	6.0	5.3	7.5	17.4	15.5	23.2	11.1	9.9	12.7	13.1	10.8	16.8	9.4	8.1	12.4	25.1	24.2	26.9
35-39	13.3	12.0	16.4	10.1	6.6	17.1	19.7	18.3	23.8	15.8	12.7	19.8	17.2	14.9	21.0	11.7	10.5	14.6	13.4	14.2	S
40-44	14.4	14.0	15.5	12.0	10.1	15.8	21.4	21.2	22.0	13.8	14.2	13.3	17.4	17.0	18.2	12.8	12.2	14.2	21.0	9.4	41.8
45-49	14.4	14.4	14.3	13.2	14.0	11.6	15.5	16.1	13.7	15.6	16.6	14.4	18.0	18.6	17.1	14.0	13.8	14.3	10.0	11.0	S
50-54	14.7	14.4	15.4	15.5	13.1	20.3	10.2	11.0	7.8	14.5	14.5	14.4	12.2	12.3	12.1	15.8	15.3	17.0	10.3	12.8	S
55-59	14.0	14.4	13.0	17.3	17.8	16.4	7.0	7.6	5.2	15.7	16.5	14.6	9.2	9.4	8.9	15.7	16.1	14.6	8.9	13.3	S
60-64	10.9	12.5	7.2	14.5	19.1	5.3	5.0	5.9	2.7	8.6	9.3	7.8	6.9	8.4	4.3	12.5	14.3	8.2	9.2	12.9	S
65-75	7.3	8.6	4.1	11.4	14.0	6.0	3.9	4.6	1.7	4.9	6.3	3.1	6.1	8.7	1.6	8.2	9.6	4.7	S	S	S
Years since doctorate																					
5 or less	18.3	15.4	25.2	16.2	12.4	23.9	27.4	24.7	35.5	26.2	23.1	30.1	26.4	22.2	33.5	15.6	12.7	22.5	41.6	38.9	46.4
6-10	17.5	15.6	21.8	16.1	12.2	23.9	23.6	22.6	26.8	22.4	20.4	25.0	21.7	20.0	24.6	15.7	13.7	20.5	15.4	10.2	24.8
11-15	15.5	14.8	17.3	18.0	17.0	20.0	21.2	21.6	20.0	14.0	14.1	13.9	17.2	16.6	18.2	14.3	13.1	16.9	18.0	15.2	22.9
16-20	12.5	12.4	12.7	11.2	11.1	11.4	9.7	10.6	7.1	12.9	13.8	11.7	13.2	13.3	13.0	13.1	12.8	13.9	S	S	S
21-25	11.5	11.8	10.7	11.2	10.4	13.0	6.3	7.1	4.1	10.0	10.0	9.9	7.0	7.3	6.6	12.9	13.2	12.2	9.7	14.5	S
More than 25	24.7	29.9	12.3	27.2	36.9	7.9	11.7	13.4	6.5	14.6	18.5	9.5	14.4	20.7	4.1	28.5	34.5	14.0	10.7	15.8	S
Citizenship status																					
U.S. citizen	89.5	89.1	90.5	99.8	100.0	99.3	61.6	61.9	60.5	89.8	85.2	95.8	83.1	80.5	87.3	95.9	95.9	96.0	94.9	96.1	92.9
Native born	75.3	73.6	79.5	97.8	97.1	99.3	9.8	8.3	14.4	68.5	54.5	86.5	58.6	54.5	65.3	90.7	90.1	92.0	69.6	64.8	78.0
Naturalized	14.2	15.6	11.1	1.9	2.9	S	51.8	53.6	46.1	21.3	30.7	9.3	24.5	26.0	22.1	5.3	5.8	4.0	25.4	31.2	14.9
Non-U.S. citizen	10.5	10.9	9.5	S	S	S	38.4	38.1	39.5	10.2	14.8	4.2	16.9	19.5	12.7	4.1	4.1	4.0	5.1	S	S
Permanent resident	6.6	6.8	6.1	S	S	S	22.7	22.4	23.4	7.7	11.0	3.5	11.4	13.0	8.8	2.8	2.8	2.9	S	S	S
Temporary resident	3.9	4.1	3.4	S	S	S	15.7	15.6	16.1	2.4	3.8	0.7	5.5	6.5	3.9	1.3	1.3	1.1	S	S	S
Employer location																					
New England	8.4	8.0	9.4	4.7	4.3	5.3	8.3	7.8	9.8	4.3	4.1	4.6	6.6	6.4	6.8	8.7	8.2	9.8	13.2	12.3	14.7
Middle Atlantic	15.4	15.1	16.1	9.9	10.9	7.9	16.7	16.6	16.8	14.3	14.1	14.7	13.4	12.6	14.9	15.3	14.9	16.2	10.2	S	15.5
East North Central	13.2	13.2	13.1	13.8	12.6	16.3	12.7	13.3	10.6	12.0	12.6	11.3	10.0	10.8	8.8	13.5	13.3	13.9	9.1	12.3	S
West North Central	5.7	5.8	5.5	5.8	5.9	5.7	4.1	4.2	3.8	4.4	5.5	3.0	4.1	4.9	2.8	6.2	6.3	6.1	7.2	S	S
South Atlantic	19.3	18.7	20.7	16.7	15.1	19.8	16.0	15.4	17.8	34.9	32.2	38.5	19.2	19.1	19.3	19.4	19.1	20.2	15.9	15.0	17.5
East South Central	3.9	4.1	3.5	6.7	7.5	4.9	2.7	3.0	1.9	6.7	7.3	5.9	2.3	3.1	1.1	4.1	4.2	3.8	S	S	S
West South Central	7.8	8.2	7.0	14.8	15.4	13.7	9.0	8.8	9.5	9.0	8.6	9.5	10.7	10.7	10.8	7.3	7.9	6.1	17.8	21.6	S
Mountain	7.0	7.4	6.0	10.5	10.6	10.4	4.3	4.3	4.1	2.5	3.4	1.3	7.7	7.8	7.7	7.7	8.3	6.5	S	S	S
Pacific	18.7	19.0	18.1	17.1	17.7	15.9	25.9	26.0	25.5	11.7	12.1	11.2	17.6	17.0	18.6	17.5	17.6	17.1	20.8	18.6	24.7
U.S. territories and other areas	0.5	0.5	0.6	S	S	S	0.4	0.4	S	S	S	S	8.2	7.5	9.3	0.3	0.3	0.3	S	S	S
Sector of employment																					
4-year educational institutions ^b	43.7	41.7	48.5	44.9	45.6	43.5	36.1	33.2	45.0	55.0	55.2	54.8	51.5	50.7	52.7	44.6	42.9	48.6	41.8	38.6	47.7

TABLE 27. Employed doctoral scientists and engineers, by selected demographic and employment-related characteristics, race/ethnicity, and sex: 2006
(Percent distribution)

Characteristic	All employed			American Indian/ Alaska Native			Asian			Black			Hispanic			White			Other race/ethnicity ^a		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Other educational institutions ^c	3.4	2.7	4.9	2.4	S	5.1	1.4	1.2	2.0	7.0	6.6	7.5	5.5	2.8	10.0	3.6	3.0	5.1	S	S	S
Private for-profit ^d	31.0	35.4	20.4	25.0	29.9	15.2	48.6	52.8	36.1	18.9	20.8	16.6	22.7	28.6	13.1	27.9	32.1	18.1	38.0	44.0	27.3
Private non-profit	6.2	5.4	8.0	4.9	2.8	8.9	4.9	4.3	6.4	5.0	4.3	6.0	5.5	4.5	7.3	6.6	5.8	8.5	5.3	S	S
Federal government	6.2	6.3	6.0	6.4	5.9	7.4	4.6	4.4	5.2	6.4	5.8	7.2	5.3	5.3	5.3	6.6	6.7	6.1	8.3	8.5	S
State and local government	2.9	2.9	3.1	6.6	7.1	5.6	2.3	2.1	2.8	4.4	4.0	5.0	3.2	2.9	3.6	3.0	3.0	3.0	S	S	S
Self-employed ^e	6.4	5.4	8.8	8.9	6.6	13.5	1.9	1.8	2.3	3.2	3.3	3.0	5.9	4.9	7.6	7.5	6.3	10.4	S	S	S
Other ^f	0.2	0.2	0.2	S	S	S	0.2	0.3	S	S	S	S	0.3	S	S	0.2	0.2	0.2	S	S	S
Primary or secondary work activity ^g																					
Any R&D	62.2	65.2	55.0	56.4	59.0	51.2	74.5	75.5	71.6	53.3	57.7	47.7	63.0	68.2	54.3	59.8	62.9	52.3	55.4	57.5	51.6
Applied research	32.9	34.1	30.3	32.3	34.2	28.6	39.4	39.1	40.2	27.6	29.7	25.0	33.6	35.0	31.5	31.7	33.0	28.7	35.0	40.5	25.2
Basic research	24.2	24.1	24.3	22.0	20.5	25.2	26.8	24.5	33.6	23.2	24.7	21.4	28.2	31.3	23.1	23.5	23.8	22.7	22.8	20.6	26.7
Design	6.2	7.7	2.7	3.7	5.4	S	9.7	11.5	4.4	2.6	3.4	1.4	6.0	8.2	2.5	5.6	6.9	2.5	S	S	S
Development	14.0	15.9	9.5	13.5	13.9	12.6	24.6	26.9	17.7	10.6	11.3	9.6	11.0	11.6	10.0	11.9	13.6	7.8	7.8	9.3	S
Computer applications	7.7	9.3	3.7	4.4	5.3	S	13.5	14.9	9.4	3.2	4.3	1.8	5.6	7.5	2.3	6.7	8.3	2.8	8.1	12.7	S
Management, sales, administration	41.7	41.3	42.6	44.0	44.6	43.0	33.7	33.9	33.1	42.1	38.4	46.8	37.7	37.5	38.1	43.5	43.2	44.3	44.0	38.4	54.1
Professional services	16.0	13.1	22.9	20.7	19.0	24.0	7.7	6.5	11.2	17.2	12.9	22.8	16.8	12.3	24.2	17.7	14.6	25.1	27.5	28.7	25.5
Teaching	30.3	28.9	33.6	32.2	34.4	27.9	17.7	17.1	19.6	42.2	42.3	42.0	35.2	33.3	38.4	32.4	31.0	35.7	23.6	18.7	32.4
Other activities	7.8	7.4	8.7	7.5	5.9	10.6	8.6	8.6	8.6	9.0	9.6	8.2	8.0	7.6	8.7	7.5	7.1	8.7	S	S	S
Federal support																					
Receiving support	32.5	33.2	30.9	33.8	30.8	39.7	30.0	29.4	31.8	31.1	31.8	30.4	37.3	38.8	34.9	32.9	34.0	30.4	36.0	41.0	27.0
Not receiving support	67.5	66.8	69.1	66.2	69.2	60.3	70.0	70.6	68.2	68.9	68.2	69.6	62.7	61.2	65.1	67.1	66.0	69.6	64.0	59.0	73.0
Degree – job relationship																					
Closely related	65.0	63.8	68.1	70.2	70.7	69.1	61.0	61.1	60.7	70.7	71.2	70.1	71.1	71.0	71.3	65.4	63.9	69.2	67.2	65.2	70.8
Somewhat related	26.4	27.2	24.5	21.0	20.7	21.6	29.9	29.7	30.5	21.1	20.8	21.5	22.2	20.7	24.6	26.1	27.1	23.5	17.1	20.8	S
Not related	8.5	9.0	7.4	8.8	8.6	9.3	9.1	9.2	8.8	8.2	8.0	8.4	6.7	8.3	4.1	8.5	9.0	7.2	15.7	14.0	18.7

S = suppressed for reliability or confidentiality.

^a Includes Native Hawaiians/Other Pacific Islanders and non-Hispanic respondents reporting more than one race.

^b 4-year educational institutions include 4-year colleges or universities, medical schools (including university-affiliated hospitals or medical centers), and university-affiliated research institutions.

^c Other educational institution includes 2-year colleges, community colleges, or technical institutes, and other precollege institutions.

^d Includes those self-employed in an incorporated business.

^e Self-employed or business owner in a non-incorporated business.

^f Includes employers not broken out separately.

^g Detail exceeds 100% due to multiple responses.

NOTES: Numbers are rounded to nearest 10. Detail may not add to total because of rounding. Primary and secondary work activities were self-defined by the respondent in response to the question: "On which two activities...did you work the most hours during a typical week on this job?"

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Doctorate Recipients: 2006.