

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
All degree levels and fields ^b	91,000	83,000	81,000	41,000	16,000	41,000	34,000	28,000
American Indian/Alaska Native	7,000	6,000	6,000	2,000	500	3,000	2,000	2,000
Asian	24,000	21,000	21,000	10,000	6,000	9,000	5,000	8,000
Black	21,000	20,000	19,000	7,000	5,000	7,000	6,000	5,000
Hispanic	21,000	20,000	19,000	7,000	3,000	7,000	4,000	6,000
White	82,000	74,000	71,000	38,000	14,000	38,000	32,000	25,000
Other	13,000	12,000	11,000	5,000	3,000	5,000	4,000	4,000
S&E fields	73,000	66,000	65,000	26,000	13,000	33,000	25,000	23,000
American Indian/Alaska Native	5,000	4,000	4,000	1,000	500	2,000	2,000	2,000
Asian	18,000	17,000	17,000	6,000	4,000	8,000	4,000	7,000
Black	15,000	14,000	13,000	5,000	4,000	6,000	5,000	4,000
Hispanic	16,000	15,000	14,000	5,000	3,000	6,000	3,000	5,000
White	65,000	58,000	56,000	23,000	12,000	30,000	24,000	21,000
Other	10,000	8,000	8,000	3,000	2,000	4,000	3,000	3,000
Sciences	68,000	63,000	59,000	25,000	13,000	31,000	22,000	23,000
American Indian/Alaska Native	5,000	4,000	4,000	1,000	500	2,000	1,000	2,000
Asian	15,000	14,000	14,000	5,000	3,000	8,000	3,000	7,000
Black	15,000	14,000	13,000	5,000	4,000	6,000	5,000	4,000
Hispanic	15,000	13,000	13,000	4,000	3,000	6,000	3,000	5,000
White	62,000	57,000	53,000	23,000	11,000	28,000	21,000	21,000
Other	9,000	8,000	7,000	3,000	2,000	4,000	3,000	3,000
Biological/agricultural/environmental life sciences	30,000	28,000	25,000	11,000	5,000	13,000	9,000	10,000
American Indian/Alaska Native	2,000	1,000	1,000	500	S	500	S	S
Asian	8,000	7,000	7,000	3,000	2,000	4,000	1,000	3,000
Black	6,000	5,000	5,000	3,000	1,000	2,000	1,000	1,000
Hispanic	7,000	6,000	5,000	3,000	500	2,000	1,000	2,000
White	27,000	25,000	23,000	10,000	4,000	12,000	8,000	9,000
Other	4,000	3,000	3,000	1,000	2,000	2,000	1,000	1,000
Agricultural/food sciences	14,000	13,000	11,000	4,000	2,000	5,000	4,000	2,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	3,000	3,000	2,000	1,000	S	1,000	1,000	S
Black	1,000	1,000	1,000	*	S	S	S	S
Hispanic	2,000	2,000	2,000	*	S	1,000	1,000	*
White	13,000	12,000	11,000	4,000	2,000	4,000	4,000	2,000
Other	2,000	2,000	2,000	S	S	S	S	S
Biological sciences	25,000	24,000	22,000	9,000	4,000	11,000	7,000	9,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	*	S	S
Asian	8,000	7,000	7,000	2,000	1,000	4,000	1,000	3,000
Black	5,000	5,000	4,000	3,000	1,000	2,000	1,000	1,000
Hispanic	6,000	6,000	5,000	3,000	500	2,000	1,000	2,000

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
White	23,000	21,000	20,000	8,000	4,000	10,000	7,000	8,000
Other	3,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000
Environmental life sciences	10,000	9,000	9,000	3,000	2,000	4,000	3,000	2,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	1,000	1,000	1,000	1,000	S	500	S	500
Black	1,000	500	500	*	S	S	S	S
Hispanic	1,000	1,000	1,000	*	*	*	S	*
White	10,000	9,000	8,000	3,000	1,000	4,000	3,000	2,000
Other	2,000	1,000	1,000	S	S	S	S	S
Computer/mathematical sciences	25,000	23,000	22,000	9,000	5,000	11,000	7,000	8,000
American Indian/Alaska Native	2,000	2,000	2,000	S	S	S	S	S
Asian	9,000	9,000	8,000	3,000	2,000	3,000	1,000	3,000
Black	6,000	6,000	6,000	1,000	1,000	2,000	1,000	2,000
Hispanic	6,000	6,000	5,000	1,000	1,000	2,000	1,000	1,000
White	24,000	23,000	21,000	9,000	4,000	10,000	7,000	6,000
Other	4,000	4,000	4,000	1,000	S	1,000	S	1,000
Computer/information sciences	18,000	17,000	16,000	6,000	4,000	7,000	4,000	5,000
American Indian/Alaska Native	2,000	2,000	2,000	S	S	S	S	S
Asian	8,000	8,000	8,000	2,000	2,000	2,000	1,000	2,000
Black	6,000	5,000	5,000	1,000	1,000	2,000	S	2,000
Hispanic	6,000	5,000	5,000	1,000	1,000	1,000	1,000	1,000
White	18,000	18,000	17,000	6,000	4,000	6,000	4,000	4,000
Other	4,000	4,000	3,000	1,000	S	S	S	S
Mathematical sciences	18,000	16,000	14,000	7,000	2,000	8,000	7,000	6,000
American Indian/Alaska Native	500	*	S	S	S	S	S	S
Asian	5,000	4,000	4,000	1,000	1,000	2,000	1,000	2,000
Black	3,000	3,000	3,000	1,000	500	1,000	1,000	1,000
Hispanic	2,000	2,000	2,000	1,000	S	1,000	1,000	500
White	16,000	14,000	13,000	6,000	2,000	8,000	6,000	5,000
Other	2,000	2,000	2,000	S	S	1,000	S	1,000
Physical/related sciences	16,000	14,000	13,000	5,000	3,000	8,000	7,000	4,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	1,000	S	S
Asian	5,000	5,000	4,000	2,000	1,000	2,000	1,000	2,000
Black	3,000	2,000	2,000	500	500	1,000	1,000	1,000
Hispanic	3,000	3,000	3,000	1,000	500	1,000	1,000	500
White	14,000	13,000	12,000	4,000	3,000	8,000	6,000	4,000
Other	2,000	1,000	1,000	500	S	1,000	S	500
Chemistry, except biochemistry	13,000	11,000	10,000	4,000	2,000	6,000	5,000	3,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Asian	4,000	4,000	3,000	1,000	1,000	2,000	1,000	2,000
Black	2,000	2,000	2,000	500	*	1,000	500	1,000
Hispanic	2,000	2,000	2,000	*	500	1,000	1,000	500
White	12,000	10,000	9,000	3,000	2,000	6,000	5,000	3,000
Other	1,000	1,000	1,000	S	S	500	S	500
Earth/atmospheric/ocean sciences	10,000	8,000	8,000	2,000	2,000	4,000	4,000	2,000
American Indian/Alaska Native	500	500	*	S	S	S	S	S
Asian	1,000	1,000	1,000	1,000	*	500	*	*
Black	500	500	500	S	S	*	S	S
Hispanic	1,000	1,000	1,000	*	S	*	S	*
White	10,000	8,000	8,000	2,000	2,000	4,000	4,000	2,000
Other	1,000	500	500	500	S	S	S	S
Physics/astronomy	7,000	6,000	6,000	3,000	1,000	4,000	3,000	1,000
American Indian/Alaska Native	1,000	*	*	S	S	S	S	S
Asian	3,000	3,000	2,000	1,000	*	1,000	1,000	1,000
Black	1,000	1,000	1,000	*	S	*	S	*
Hispanic	1,000	1,000	1,000	1,000	S	500	S	*
White	6,000	5,000	5,000	2,000	1,000	3,000	3,000	500
Other	500	500	500	*	S	S	S	S
Other physical sciences	5,000	5,000	5,000	1,000	500	2,000	2,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	S	S	S	S	S
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	5,000	4,000	4,000	1,000	S	2,000	2,000	1,000
Other	1,000	500	500	S	S	S	S	S
Social/related sciences	54,000	50,000	46,000	21,000	9,000	23,000	16,000	19,000
American Indian/Alaska Native	4,000	3,000	3,000	1,000	500	2,000	S	2,000
Asian	10,000	9,000	8,000	4,000	1,000	5,000	2,000	5,000
Black	12,000	11,000	11,000	4,000	3,000	5,000	5,000	3,000
Hispanic	11,000	10,000	9,000	4,000	2,000	4,000	2,000	4,000
White	51,000	46,000	42,000	20,000	8,000	22,000	16,000	18,000
Other	7,000	7,000	6,000	3,000	1,000	3,000	2,000	3,000
Economics	21,000	19,000	19,000	8,000	3,000	8,000	5,000	6,000
American Indian/Alaska Native	*	S	S	S	S	S	S	S
Asian	7,000	6,000	6,000	2,000	1,000	3,000	2,000	3,000
Black	3,000	3,000	3,000	500	500	2,000	2,000	S
Hispanic	4,000	4,000	4,000	1,000	500	1,000	1,000	1,000
White	19,000	17,000	17,000	7,000	3,000	7,000	5,000	5,000
Other	2,000	2,000	2,000	1,000	S	1,000	S	S

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Political/related sciences	25,000	22,000	20,000	8,000	4,000	10,000	7,000	7,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	5,000	4,000	4,000	1,000	1,000	2,000	500	2,000
Black	6,000	5,000	5,000	2,000	2,000	1,000	1,000	1,000
Hispanic	5,000	4,000	4,000	1,000	1,000	2,000	1,000	2,000
White	23,000	19,000	17,000	7,000	4,000	10,000	7,000	7,000
Other	3,000	3,000	3,000	1,000	1,000	2,000	S	2,000
Psychology	31,000	26,000	23,000	14,000	6,000	15,000	10,000	11,000
American Indian/Alaska Native	2,000	2,000	2,000	500	S	2,000	S	S
Asian	5,000	4,000	4,000	2,000	S	2,000	1,000	2,000
Black	7,000	7,000	6,000	3,000	2,000	3,000	2,000	2,000
Hispanic	6,000	6,000	5,000	3,000	1,000	3,000	1,000	3,000
White	30,000	25,000	22,000	13,000	5,000	13,000	10,000	11,000
Other	5,000	4,000	3,000	2,000	1,000	2,000	1,000	2,000
Sociology/anthropology	23,000	20,000	18,000	9,000	5,000	12,000	8,000	9,000
American Indian/Alaska Native	2,000	2,000	2,000	S	S	S	S	S
Asian	4,000	4,000	3,000	2,000	S	1,000	1,000	1,000
Black	7,000	6,000	5,000	2,000	2,000	3,000	2,000	1,000
Hispanic	5,000	4,000	4,000	2,000	1,000	2,000	1,000	1,000
White	22,000	18,000	17,000	9,000	4,000	12,000	8,000	9,000
Other	3,000	3,000	3,000	2,000	S	1,000	S	500
Other social sciences	18,000	15,000	14,000	7,000	3,000	8,000	6,000	5,000
American Indian/Alaska Native	2,000	2,000	2,000	S	S	S	S	S
Asian	3,000	3,000	2,000	1,000	500	2,000	1,000	2,000
Black	5,000	4,000	4,000	1,000	*	2,000	2,000	1,000
Hispanic	5,000	4,000	4,000	2,000	1,000	2,000	1,000	1,000
White	16,000	14,000	12,000	7,000	2,000	6,000	5,000	4,000
Other	2,000	2,000	2,000	1,000	S	500	S	500
Engineering	32,000	27,000	27,000	7,000	4,000	13,000	12,000	6,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	1,000	S	S
Asian	10,000	10,000	9,000	2,000	2,000	3,000	2,000	2,000
Black	5,000	4,000	4,000	1,000	1,000	1,000	1,000	1,000
Hispanic	7,000	6,000	6,000	2,000	1,000	3,000	2,000	2,000
White	28,000	23,000	22,000	7,000	4,000	12,000	11,000	5,000
Other	4,000	3,000	3,000	1,000	500	1,000	1,000	500
Aerospace/related engineering	6,000	6,000	5,000	2,000	500	2,000	2,000	1,000
American Indian/Alaska Native	500	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	*	S	500	S	*
Black	1,000	1,000	1,000	S	S	S	S	S

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Hispanic	1,000	1,000	1,000	1,000	S	500	S	*
White	6,000	5,000	5,000	2,000	*	2,000	2,000	1,000
Other	1,000	1,000	1,000	S	S	S	S	S
Chemical engineering	8,000	7,000	6,000	2,000	1,000	4,000	4,000	2,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	3,000	2,000	2,000	500	500	1,000	1,000	1,000
Black	1,000	1,000	1,000	S	*	*	S	*
Hispanic	1,000	1,000	1,000	S	S	1,000	S	*
White	7,000	6,000	5,000	2,000	1,000	4,000	3,000	2,000
Other	1,000	1,000	1,000	S	S	S	S	S
Civil/architectural engineering	11,000	11,000	10,000	3,000	1,000	4,000	4,000	1,000
American Indian/Alaska Native	500	500	500	S	S	S	S	S
Asian	4,000	4,000	4,000	1,000	500	1,000	1,000	1,000
Black	2,000	2,000	2,000	*	S	S	S	S
Hispanic	3,000	3,000	3,000	1,000	S	1,000	1,000	*
White	10,000	9,000	9,000	3,000	1,000	4,000	4,000	1,000
Other	2,000	2,000	2,000	S	S	S	S	S
Electrical/computer engineering	15,000	14,000	13,000	4,000	2,000	7,000	6,000	3,000
American Indian/Alaska Native	500	500	500	S	S	S	S	S
Asian	7,000	6,000	6,000	1,000	1,000	2,000	1,000	1,000
Black	3,000	3,000	3,000	1,000	1,000	1,000	1,000	1,000
Hispanic	3,000	3,000	3,000	1,000	*	1,000	1,000	1,000
White	13,000	11,000	11,000	3,000	2,000	7,000	6,000	2,000
Other	2,000	2,000	2,000	500	S	1,000	1,000	S
Industrial engineering	9,000	8,000	7,000	3,000	2,000	5,000	4,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	3,000	2,000	2,000	500	S	1,000	500	1,000
Black	2,000	1,000	1,000	*	S	S	S	S
Hispanic	2,000	2,000	2,000	*	*	1,000	S	1,000
White	9,000	7,000	7,000	3,000	2,000	4,000	4,000	2,000
Other	1,000	1,000	1,000	S	S	S	S	S
Mechanical engineering	14,000	13,000	12,000	4,000	2,000	7,000	6,000	2,000
American Indian/Alaska Native	1,000	500	500	S	S	S	S	S
Asian	4,000	4,000	4,000	1,000	1,000	1,000	1,000	1,000
Black	2,000	2,000	2,000	1,000	S	*	S	*
Hispanic	2,000	2,000	2,000	500	S	1,000	1,000	*
White	14,000	12,000	11,000	3,000	2,000	6,000	6,000	2,000
Other	1,000	1,000	1,000	S	S	S	S	S
Other engineering	13,000	11,000	10,000	3,000	2,000	6,000	5,000	3,000

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	3,000	3,000	3,000	1,000	1,000	2,000	1,000	1,000
Black	2,000	1,000	1,000	500	*	500	S	*
Hispanic	3,000	3,000	2,000	1,000	S	1,000	1,000	1,000
White	11,000	10,000	9,000	3,000	1,000	5,000	5,000	2,000
Other	1,000	1,000	1,000	*	S	S	S	S
S&E-related fields	46,000	43,000	37,000	23,000	6,000	19,000	15,000	13,000
American Indian/Alaska Native	4,000	3,000	3,000	1,000	S	1,000	1,000	S
Asian	14,000	13,000	12,000	6,000	2,000	4,000	3,000	3,000
Black	10,000	10,000	9,000	3,000	1,000	3,000	2,000	3,000
Hispanic	11,000	10,000	9,000	4,000	2,000	4,000	2,000	3,000
White	42,000	40,000	34,000	22,000	6,000	18,000	14,000	12,000
Other	7,000	7,000	6,000	3,000	1,000	1,000	1,000	1,000
Health	40,000	35,000	31,000	22,000	5,000	17,000	13,000	13,000
American Indian/Alaska Native	3,000	3,000	3,000	1,000	S	S	S	S
Asian	13,000	12,000	11,000	6,000	2,000	4,000	3,000	2,000
Black	9,000	8,000	8,000	3,000	1,000	3,000	2,000	2,000
Hispanic	9,000	8,000	7,000	4,000	1,000	3,000	2,000	2,000
White	36,000	31,000	27,000	21,000	5,000	17,000	12,000	12,000
Other	7,000	7,000	5,000	4,000	S	1,000	1,000	1,000
Science/mathematics teacher education	18,000	16,000	13,000	8,000	2,000	8,000	7,000	4,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S
Asian	2,000	2,000	2,000	1,000	S	1,000	S	S
Black	3,000	3,000	3,000	1,000	S	2,000	2,000	S
Hispanic	3,000	3,000	2,000	2,000	S	1,000	S	S
White	16,000	15,000	12,000	7,000	2,000	8,000	7,000	4,000
Other	2,000	1,000	1,000	S	S	S	S	S
Technology/technical fields	14,000	13,000	13,000	4,000	2,000	5,000	4,000	3,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S
Asian	4,000	4,000	4,000	2,000	500	1,000	S	1,000
Black	3,000	3,000	3,000	S	S	S	S	S
Hispanic	3,000	3,000	3,000	S	S	S	S	S
White	12,000	11,000	11,000	3,000	2,000	4,000	4,000	2,000
Other	2,000	2,000	2,000	S	S	S	S	S
Other S&E-related fields	15,000	14,000	13,000	5,000	2,000	4,000	3,000	3,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	3,000	3,000	3,000	1,000	S	1,000	S	S
Black	3,000	3,000	2,000	S	S	S	S	S
Hispanic	4,000	3,000	3,000	S	S	2,000	S	2,000
White	14,000	13,000	12,000	5,000	2,000	4,000	3,000	3,000

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Other	1,000	1,000	1,000	S	S	S	S	S
Non-S&E fields	53,000	47,000	42,000	18,000	7,000	21,000	16,000	12,000
American Indian/Alaska Native	4,000	4,000	3,000	S	S	2,000	S	S
Asian	11,000	10,000	9,000	4,000	3,000	3,000	1,000	3,000
Black	13,000	12,000	11,000	4,000	3,000	4,000	4,000	2,000
Hispanic	9,000	10,000	9,000	3,000	1,000	3,000	2,000	2,000
White	49,000	44,000	40,000	17,000	6,000	20,000	15,000	12,000
Other	5,000	5,000	4,000	2,000	S	2,000	1,000	2,000
Arts/humanities	14,000	13,000	12,000	6,000	2,000	5,000	3,000	4,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	4,000	4,000	3,000	1,000	S	S	S	S
Black	2,000	2,000	2,000	S	S	S	S	S
Hispanic	3,000	3,000	2,000	1,000	S	S	S	S
White	14,000	13,000	11,000	5,000	2,000	5,000	3,000	4,000
Other	1,000	1,000	1,000	500	S	S	S	S
Education, except science/mathematics teacher education	27,000	24,000	22,000	11,000	4,000	12,000	10,000	7,000
American Indian/Alaska Native	3,000	2,000	2,000	S	S	S	S	S
Asian	3,000	3,000	3,000	2,000	S	1,000	S	S
Black	7,000	6,000	6,000	3,000	1,000	3,000	3,000	S
Hispanic	5,000	5,000	4,000	1,000	S	2,000	2,000	1,000
White	27,000	23,000	22,000	10,000	3,000	11,000	9,000	7,000
Other	2,000	2,000	2,000	1,000	S	1,000	1,000	S
Management/administration	30,000	27,000	26,000	8,000	5,000	11,000	8,000	6,000
American Indian/Alaska Native	2,000	2,000	2,000	S	S	S	S	S
Asian	8,000	8,000	7,000	3,000	3,000	2,000	1,000	1,000
Black	6,000	6,000	6,000	1,000	2,000	2,000	2,000	S
Hispanic	6,000	6,000	6,000	1,000	1,000	1,000	500	1,000
White	28,000	25,000	24,000	7,000	4,000	10,000	8,000	5,000
Other	3,000	3,000	3,000	S	S	500	500	S
Sales/marketing	10,000	9,000	8,000	2,000	2,000	3,000	2,000	3,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	2,000	S	S	1,000	S	S
Black	2,000	2,000	2,000	S	S	S	S	S
Hispanic	2,000	2,000	2,000	S	S	S	S	S
White	9,000	8,000	8,000	2,000	2,000	3,000	2,000	2,000
Other	1,000	S	S	S	S	S	S	S
Social services/related	15,000	14,000	12,000	7,000	2,000	5,000	4,000	3,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	3,000	2,000	2,000	1,000	S	1,000	S	1,000

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Black	4,000	4,000	4,000	1,000	S	1,000	1,000	S
Hispanic	3,000	3,000	2,000	1,000	S	S	S	S
White	14,000	13,000	11,000	7,000	2,000	5,000	4,000	2,000
Other	1,000	1,000	1,000	S	S	S	S	S
Other non-S&E fields	26,000	25,000	23,000	9,000	3,000	9,000	7,000	5,000
American Indian/Alaska Native	2,000	2,000	2,000	S	S	S	S	S
Asian	5,000	5,000	4,000	1,000	S	2,000	1,000	2,000
Black	6,000	6,000	6,000	1,000	S	2,000	1,000	S
Hispanic	5,000	5,000	5,000	1,000	S	2,000	1,000	2,000
White	24,000	22,000	21,000	9,000	3,000	9,000	7,000	4,000
Other	4,000	3,000	3,000	2,000	S	2,000	S	2,000
Bachelor's degrees	76,000	70,000	68,000	33,000	13,000	33,000	28,000	24,000
American Indian/Alaska Native	6,000	5,000	5,000	2,000	500	3,000	1,000	2,000
Asian	19,000	18,000	17,000	7,000	4,000	8,000	4,000	7,000
Black	17,000	16,000	15,000	6,000	4,000	6,000	4,000	4,000
Hispanic	18,000	17,000	16,000	6,000	3,000	6,000	3,000	5,000
White	66,000	62,000	59,000	30,000	12,000	31,000	26,000	22,000
Other	12,000	11,000	10,000	4,000	3,000	4,000	3,000	3,000
S&E fields	68,000	61,000	60,000	24,000	12,000	31,000	23,000	21,000
American Indian/Alaska Native	5,000	4,000	4,000	1,000	500	2,000	S	2,000
Asian	17,000	15,000	15,000	5,000	3,000	7,000	3,000	7,000
Black	14,000	14,000	12,000	5,000	4,000	5,000	4,000	4,000
Hispanic	16,000	14,000	13,000	4,000	2,000	6,000	3,000	5,000
White	62,000	55,000	52,000	22,000	11,000	29,000	22,000	20,000
Other	9,000	8,000	7,000	3,000	2,000	4,000	3,000	3,000
Sciences	65,000	60,000	57,000	23,000	12,000	29,000	21,000	22,000
American Indian/Alaska Native	4,000	4,000	4,000	1,000	500	2,000	S	2,000
Asian	15,000	13,000	13,000	5,000	3,000	7,000	3,000	6,000
Black	15,000	13,000	12,000	5,000	4,000	5,000	4,000	4,000
Hispanic	14,000	13,000	12,000	4,000	2,000	5,000	3,000	4,000
White	59,000	54,000	50,000	22,000	10,000	27,000	20,000	20,000
Other	8,000	7,000	7,000	3,000	2,000	4,000	3,000	3,000
Biological/agricultural/environmental life sciences	29,000	27,000	24,000	10,000	5,000	12,000	8,000	9,000
American Indian/Alaska Native	2,000	1,000	1,000	500	S	S	S	S
Asian	7,000	7,000	6,000	3,000	2,000	3,000	1,000	3,000
Black	5,000	5,000	4,000	3,000	1,000	2,000	1,000	1,000
Hispanic	6,000	6,000	5,000	2,000	500	2,000	S	2,000
White	26,000	24,000	22,000	9,000	4,000	12,000	8,000	9,000
Other	4,000	3,000	3,000	1,000	2,000	1,000	S	1,000

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Agricultural/food sciences	13,000	12,000	11,000	4,000	2,000	5,000	4,000	2,000
American Indian/Alaska Native	1,000	1,000	S	S	S	S	S	S
Asian	3,000	3,000	2,000	1,000	S	1,000	S	S
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	2,000	2,000	2,000	*	S	1,000	S	*
White	12,000	12,000	11,000	4,000	2,000	4,000	4,000	2,000
Other	2,000	2,000	2,000	S	S	S	S	S
Biological sciences	25,000	23,000	21,000	9,000	4,000	10,000	6,000	8,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	7,000	6,000	6,000	2,000	1,000	3,000	1,000	3,000
Black	5,000	5,000	4,000	3,000	1,000	2,000	1,000	1,000
Hispanic	6,000	5,000	5,000	2,000	500	2,000	S	2,000
White	23,000	21,000	19,000	8,000	3,000	10,000	6,000	8,000
Other	3,000	2,000	2,000	1,000	1,000	1,000	S	1,000
Environmental life sciences	9,000	8,000	8,000	2,000	2,000	3,000	3,000	2,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	1,000	1,000	1,000	S	S	S	S	S
Black	500	500	500	S	S	S	S	S
Hispanic	1,000	1,000	1,000	*	S	S	S	S
White	9,000	8,000	7,000	2,000	1,000	3,000	3,000	2,000
Other	1,000	500	500	S	S	S	S	S
Computer/mathematical sciences	23,000	21,000	20,000	9,000	5,000	10,000	6,000	7,000
American Indian/Alaska Native	2,000	2,000	2,000	S	S	S	S	S
Asian	9,000	8,000	7,000	2,000	2,000	3,000	1,000	2,000
Black	6,000	5,000	5,000	1,000	1,000	2,000	1,000	2,000
Hispanic	6,000	5,000	5,000	1,000	1,000	2,000	1,000	1,000
White	22,000	21,000	20,000	8,000	4,000	9,000	6,000	6,000
Other	4,000	4,000	3,000	1,000	S	1,000	S	1,000
Computer/information sciences	15,000	15,000	14,000	6,000	4,000	6,000	3,000	5,000
American Indian/Alaska Native	2,000	2,000	2,000	S	S	S	S	S
Asian	8,000	7,000	7,000	2,000	2,000	2,000	S	2,000
Black	5,000	5,000	5,000	1,000	1,000	2,000	S	2,000
Hispanic	6,000	5,000	5,000	1,000	1,000	1,000	S	1,000
White	16,000	16,000	16,000	5,000	4,000	5,000	3,000	4,000
Other	3,000	3,000	3,000	1,000	S	S	S	S
Mathematical sciences	17,000	15,000	14,000	6,000	2,000	8,000	6,000	5,000
American Indian/Alaska Native	*	S	S	S	S	S	S	S
Asian	4,000	3,000	3,000	1,000	500	2,000	1,000	2,000
Black	3,000	3,000	3,000	500	500	1,000	1,000	1,000
Hispanic	2,000	2,000	2,000	1,000	S	1,000	1,000	*

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
White	15,000	13,000	12,000	6,000	2,000	7,000	6,000	4,000
Other	2,000	2,000	2,000	S	S	1,000	S	S
Physical/related sciences	15,000	13,000	12,000	4,000	3,000	8,000	7,000	4,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	4,000	4,000	3,000	1,000	1,000	2,000	1,000	2,000
Black	2,000	2,000	2,000	500	*	1,000	1,000	1,000
Hispanic	3,000	3,000	3,000	1,000	500	1,000	S	500
White	13,000	12,000	11,000	4,000	3,000	7,000	6,000	4,000
Other	1,000	1,000	1,000	500	S	1,000	S	500
Chemistry, except biochemistry	11,000	10,000	9,000	3,000	2,000	6,000	5,000	3,000
American Indian/Alaska Native	1,000	1,000	S	S	S	S	S	S
Asian	3,000	3,000	3,000	1,000	1,000	2,000	1,000	1,000
Black	2,000	2,000	2,000	*	S	1,000	500	1,000
Hispanic	2,000	2,000	2,000	*	500	1,000	S	500
White	11,000	9,000	8,000	3,000	2,000	6,000	5,000	3,000
Other	1,000	1,000	1,000	S	S	S	S	S
Earth/atmospheric/ocean sciences	8,000	7,000	7,000	2,000	2,000	4,000	3,000	2,000
American Indian/Alaska Native	*	S	S	S	S	S	S	S
Asian	1,000	1,000	500	S	S	S	S	S
Black	500	500	500	S	S	S	S	S
Hispanic	1,000	1,000	1,000	*	S	S	S	S
White	8,000	7,000	7,000	2,000	2,000	4,000	3,000	2,000
Other	500	500	500	S	S	S	S	S
Physics/astronomy	7,000	6,000	5,000	2,000	1,000	3,000	3,000	1,000
American Indian/Alaska Native	*	S	S	S	S	S	S	S
Asian	3,000	2,000	2,000	1,000	S	1,000	S	1,000
Black	1,000	1,000	1,000	*	S	*	S	*
Hispanic	1,000	1,000	1,000	500	S	*	S	*
White	5,000	5,000	4,000	2,000	1,000	3,000	3,000	500
Other	500	500	500	S	S	S	S	S
Other physical sciences	5,000	4,000	4,000	1,000	S	2,000	2,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	S	S	S	S	S
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	5,000	4,000	4,000	1,000	S	2,000	S	1,000
Other	S	S	S	S	S	S	S	S
Social/related sciences	50,000	46,000	43,000	20,000	9,000	22,000	14,000	18,000
American Indian/Alaska Native	4,000	3,000	3,000	1,000	S	2,000	S	2,000

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Asian	10,000	8,000	8,000	3,000	1,000	5,000	2,000	4,000
Black	12,000	11,000	10,000	4,000	3,000	4,000	3,000	3,000
Hispanic	10,000	10,000	9,000	3,000	2,000	4,000	2,000	3,000
White	46,000	42,000	38,000	18,000	8,000	21,000	14,000	17,000
Other	7,000	6,000	5,000	2,000	1,000	3,000	2,000	3,000
Economics	20,000	19,000	18,000	7,000	3,000	8,000	5,000	6,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	7,000	6,000	6,000	2,000	1,000	3,000	S	3,000
Black	3,000	3,000	3,000	500	500	2,000	S	S
Hispanic	4,000	4,000	3,000	1,000	500	1,000	S	1,000
White	18,000	16,000	16,000	7,000	2,000	7,000	5,000	5,000
Other	2,000	2,000	2,000	S	S	S	S	S
Political/related sciences	23,000	20,000	18,000	7,000	4,000	10,000	7,000	7,000
American Indian/Alaska Native	1,000	1,000	500	S	S	S	S	S
Asian	4,000	4,000	4,000	1,000	S	2,000	S	2,000
Black	5,000	5,000	5,000	2,000	2,000	1,000	1,000	500
Hispanic	4,000	4,000	4,000	1,000	1,000	2,000	S	2,000
White	21,000	17,000	16,000	7,000	3,000	10,000	7,000	7,000
Other	3,000	3,000	3,000	1,000	S	2,000	S	2,000
Psychology	27,000	23,000	21,000	12,000	5,000	12,000	7,000	11,000
American Indian/Alaska Native	2,000	2,000	2,000	S	S	S	S	S
Asian	4,000	4,000	4,000	2,000	S	2,000	S	2,000
Black	7,000	6,000	6,000	3,000	2,000	3,000	2,000	2,000
Hispanic	5,000	5,000	5,000	3,000	1,000	2,000	1,000	2,000
White	26,000	22,000	19,000	11,000	5,000	11,000	7,000	10,000
Other	4,000	3,000	3,000	2,000	1,000	2,000	1,000	2,000
Sociology/anthropology	23,000	21,000	18,000	9,000	5,000	11,000	8,000	9,000
American Indian/Alaska Native	2,000	2,000	2,000	S	S	S	S	S
Asian	4,000	4,000	3,000	2,000	S	1,000	S	1,000
Black	7,000	6,000	5,000	2,000	2,000	2,000	2,000	1,000
Hispanic	4,000	4,000	4,000	1,000	1,000	2,000	1,000	1,000
White	22,000	19,000	17,000	9,000	4,000	11,000	7,000	9,000
Other	3,000	3,000	3,000	2,000	S	1,000	S	500
Other social sciences	16,000	14,000	13,000	6,000	2,000	7,000	5,000	5,000
American Indian/Alaska Native	2,000	2,000	2,000	S	S	S	S	S
Asian	3,000	2,000	2,000	1,000	S	2,000	S	2,000
Black	4,000	4,000	3,000	1,000	S	2,000	2,000	1,000
Hispanic	4,000	3,000	3,000	1,000	1,000	2,000	S	1,000
White	15,000	13,000	11,000	6,000	2,000	6,000	4,000	4,000
Other	2,000	2,000	2,000	S	S	S	S	S

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Engineering	29,000	24,000	24,000	7,000	4,000	11,000	10,000	5,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	9,000	8,000	8,000	2,000	2,000	3,000	2,000	2,000
Black	5,000	4,000	4,000	1,000	1,000	1,000	1,000	1,000
Hispanic	6,000	5,000	5,000	2,000	1,000	2,000	2,000	2,000
White	25,000	20,000	20,000	6,000	3,000	11,000	10,000	5,000
Other	3,000	3,000	3,000	1,000	500	1,000	1,000	500
Aerospace/related engineering	6,000	5,000	5,000	2,000	500	2,000	2,000	1,000
American Indian/Alaska Native	500	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	S	S	S	S	S
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	*	S	*
White	5,000	5,000	4,000	2,000	S	2,000	2,000	1,000
Other	1,000	1,000	1,000	S	S	S	S	S
Chemical engineering	7,000	6,000	6,000	2,000	1,000	4,000	4,000	2,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	2,000	2,000	2,000	S	S	1,000	S	1,000
Black	1,000	1,000	1,000	S	S	*	S	*
Hispanic	1,000	1,000	1,000	S	S	500	S	*
White	7,000	6,000	5,000	2,000	1,000	4,000	3,000	1,000
Other	1,000	1,000	1,000	S	S	S	S	S
Civil/architectural engineering	10,000	9,000	9,000	2,000	1,000	4,000	4,000	1,000
American Indian/Alaska Native	500	500	500	S	S	S	S	S
Asian	3,000	3,000	3,000	1,000	S	1,000	1,000	S
Black	2,000	2,000	2,000	S	S	S	S	S
Hispanic	3,000	3,000	3,000	1,000	S	1,000	1,000	S
White	9,000	8,000	8,000	2,000	1,000	4,000	4,000	1,000
Other	2,000	2,000	2,000	S	S	S	S	S
Electrical/computer engineering	13,000	11,000	11,000	3,000	2,000	5,000	5,000	3,000
American Indian/Alaska Native	500	500	500	S	S	S	S	S
Asian	5,000	5,000	5,000	1,000	1,000	2,000	1,000	1,000
Black	3,000	3,000	3,000	1,000	1,000	1,000	S	1,000
Hispanic	3,000	3,000	3,000	1,000	*	1,000	1,000	1,000
White	11,000	10,000	9,000	3,000	2,000	5,000	5,000	2,000
Other	2,000	2,000	2,000	S	S	1,000	S	S
Industrial engineering	9,000	7,000	7,000	2,000	2,000	4,000	4,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	2,000	*	S	1,000	S	1,000
Black	2,000	1,000	1,000	*	S	S	S	S

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Hispanic	2,000	2,000	2,000	S	*	1,000	S	1,000
White	8,000	7,000	6,000	2,000	2,000	4,000	4,000	2,000
Other	1,000	1,000	500	S	S	S	S	S
Mechanical engineering	13,000	11,000	11,000	3,000	1,000	6,000	6,000	2,000
American Indian/Alaska Native	500	500	500	S	S	S	S	S
Asian	4,000	4,000	4,000	1,000	500	1,000	1,000	S
Black	2,000	2,000	2,000	1,000	S	S	S	S
Hispanic	2,000	2,000	2,000	500	S	1,000	1,000	*
White	13,000	11,000	10,000	3,000	1,000	6,000	6,000	2,000
Other	1,000	1,000	1,000	S	S	S	S	S
Other engineering	11,000	9,000	9,000	3,000	1,000	5,000	5,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	3,000	2,000	2,000	S	S	1,000	S	1,000
Black	1,000	1,000	1,000	*	S	*	S	*
Hispanic	3,000	2,000	2,000	1,000	S	1,000	S	1,000
White	10,000	8,000	8,000	3,000	1,000	5,000	5,000	2,000
Other	1,000	1,000	1,000	S	S	S	S	S
S&E-related fields	41,000	38,000	33,000	21,000	5,000	17,000	13,000	12,000
American Indian/Alaska Native	3,000	3,000	2,000	S	S	S	S	S
Asian	12,000	11,000	9,000	5,000	2,000	4,000	2,000	3,000
Black	8,000	8,000	8,000	3,000	1,000	3,000	2,000	2,000
Hispanic	9,000	8,000	7,000	3,000	S	3,000	2,000	3,000
White	36,000	33,000	29,000	19,000	5,000	16,000	12,000	11,000
Other	6,000	6,000	5,000	3,000	S	1,000	S	1,000
Health	35,000	30,000	26,000	19,000	4,000	15,000	11,000	11,000
American Indian/Alaska Native	2,000	2,000	2,000	S	S	S	S	S
Asian	10,000	9,000	8,000	4,000	S	3,000	2,000	2,000
Black	7,000	7,000	7,000	2,000	1,000	2,000	1,000	2,000
Hispanic	6,000	6,000	6,000	3,000	S	3,000	2,000	2,000
White	30,000	26,000	23,000	17,000	4,000	14,000	10,000	10,000
Other	6,000	6,000	5,000	3,000	S	1,000	S	1,000
Science/mathematics teacher education	13,000	12,000	10,000	6,000	2,000	6,000	5,000	4,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	2,000	S	S	S	S	S
Black	2,000	1,000	1,000	S	S	2,000	S	S
Hispanic	2,000	2,000	2,000	S	S	S	S	S
White	13,000	12,000	10,000	6,000	S	6,000	5,000	4,000
Other	500	S	S	S	S	S	S	S
Technology/technical fields	13,000	12,000	12,000	4,000	2,000	4,000	4,000	2,000

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S
Asian	4,000	3,000	3,000	2,000	S	1,000	S	1,000
Black	3,000	3,000	3,000	S	S	S	S	S
Hispanic	3,000	3,000	3,000	S	S	S	S	S
White	11,000	10,000	10,000	3,000	2,000	4,000	4,000	2,000
Other	2,000	2,000	2,000	S	S	S	S	S
Other S&E-related fields	12,000	12,000	11,000	4,000	S	3,000	2,000	3,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	3,000	3,000	3,000	1,000	S	1,000	S	S
Black	2,000	2,000	2,000	S	S	S	S	S
Hispanic	3,000	3,000	3,000	S	S	S	S	S
White	12,000	11,000	11,000	4,000	S	3,000	2,000	2,000
Other	1,000	1,000	1,000	S	S	S	S	S
Non-S&E fields	29,000	28,000	24,000	10,000	3,000	7,000	5,000	5,000
American Indian/Alaska Native	3,000	3,000	2,000	S	S	S	S	S
Asian	5,000	5,000	4,000	2,000	S	S	S	S
Black	6,000	5,000	5,000	2,000	2,000	2,000	2,000	S
Hispanic	4,000	4,000	4,000	1,000	S	1,000	S	S
White	26,000	26,000	22,000	9,000	2,000	7,000	5,000	5,000
Other	3,000	2,000	2,000	500	S	S	S	S
Arts/humanities	12,000	11,000	10,000	5,000	2,000	3,000	2,000	3,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	2,000	S	S	S	S	S
Black	2,000	1,000	1,000	S	S	S	S	S
Hispanic	2,000	2,000	2,000	S	S	S	S	S
White	12,000	11,000	10,000	5,000	1,000	3,000	2,000	3,000
Other	1,000	1,000	1,000	S	S	S	S	S
Education, except science/mathematics teacher education	11,000	10,000	9,000	5,000	1,000	4,000	3,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	1,000	S	S	S	S	S
Black	3,000	2,000	2,000	2,000	S	S	S	S
Hispanic	2,000	2,000	2,000	S	S	S	S	S
White	11,000	10,000	9,000	5,000	1,000	4,000	3,000	2,000
Other	1,000	1,000	1,000	S	S	S	S	S
Management/administration	18,000	17,000	14,000	5,000	3,000	4,000	3,000	3,000
American Indian/Alaska Native	2,000	S	S	S	S	S	S	S
Asian	4,000	4,000	3,000	2,000	S	S	S	S
Black	4,000	3,000	3,000	S	S	1,000	S	S
Hispanic	3,000	3,000	3,000	S	S	S	S	S
White	16,000	15,000	13,000	4,000	1,000	3,000	3,000	2,000

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Other	2,000	2,000	2,000	S	S	S	S	S
Sales/marketing	6,000	5,000	5,000	500	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	6,000	5,000	5,000	S	S	S	S	S
Other	S	S	S	S	S	S	S	S
Social services/related	5,000	5,000	4,000	2,000	1,000	2,000	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	S	S	S	S	S	S
Black	2,000	2,000	1,000	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S
White	5,000	4,000	4,000	2,000	1,000	S	S	S
Other	S	S	S	S	S	S	S	S
Other non-S&E fields	11,000	11,000	10,000	4,000	S	2,000	1,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	S	S	S	S	S
Black	3,000	3,000	3,000	S	S	S	S	S
Hispanic	2,000	2,000	2,000	S	S	S	S	S
White	10,000	10,000	9,000	4,000	S	2,000	1,000	S
Other	1,000	1,000	1,000	S	S	S	S	S
Master's degrees	51,000	46,000	43,000	21,000	8,000	22,000	18,000	13,000
American Indian/Alaska Native	3,000	3,000	3,000	1,000	S	2,000	2,000	S
Asian	14,000	12,000	12,000	5,000	3,000	5,000	3,000	4,000
Black	12,000	12,000	11,000	4,000	2,000	4,000	4,000	2,000
Hispanic	9,000	9,000	8,000	3,000	2,000	4,000	2,000	3,000
White	47,000	41,000	38,000	20,000	7,000	21,000	17,000	13,000
Other	6,000	6,000	5,000	2,000	500	2,000	1,000	2,000
S&E fields	30,000	26,000	23,000	10,000	4,000	14,000	11,000	7,000
American Indian/Alaska Native	2,000	1,000	1,000	500	S	1,000	S	S
Asian	9,000	8,000	8,000	3,000	2,000	4,000	2,000	3,000
Black	6,000	5,000	5,000	2,000	1,000	3,000	3,000	1,000
Hispanic	6,000	5,000	5,000	2,000	1,000	2,000	1,000	1,000
White	27,000	22,000	20,000	9,000	4,000	12,000	10,000	6,000
Other	4,000	4,000	3,000	1,000	500	1,000	1,000	500
Sciences	27,000	22,000	20,000	10,000	3,000	12,000	10,000	6,000
American Indian/Alaska Native	2,000	1,000	1,000	S	S	S	S	S
Asian	8,000	6,000	6,000	3,000	1,000	3,000	2,000	3,000

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Black	5,000	5,000	5,000	2,000	500	3,000	3,000	1,000
Hispanic	5,000	5,000	4,000	2,000	1,000	2,000	1,000	1,000
White	24,000	20,000	18,000	9,000	3,000	11,000	9,000	5,000
Other	4,000	3,000	3,000	1,000	S	1,000	1,000	500
Biological/agricultural/environmental life sciences	9,000	8,000	8,000	4,000	1,000	5,000	4,000	2,000
American Indian/Alaska Native	1,000	500	500	S	S	S	S	S
Asian	3,000	2,000	2,000	1,000	1,000	2,000	1,000	2,000
Black	2,000	2,000	1,000	500	S	500	S	*
Hispanic	2,000	2,000	1,000	1,000	S	1,000	S	500
White	8,000	7,000	7,000	3,000	1,000	4,000	4,000	2,000
Other	2,000	1,000	1,000	S	S	1,000	S	*
Agricultural/food sciences	3,000	3,000	3,000	1,000	S	2,000	2,000	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	S	S	S	S	S
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	3,000	3,000	2,000	1,000	S	1,000	1,000	S
Other	1,000	1,000	1,000	S	S	S	S	S
Biological sciences	8,000	7,000	7,000	3,000	1,000	4,000	3,000	2,000
American Indian/Alaska Native	*	*	*	S	S	S	S	S
Asian	3,000	2,000	2,000	1,000	1,000	2,000	1,000	2,000
Black	1,000	1,000	1,000	500	S	*	S	*
Hispanic	2,000	2,000	1,000	1,000	S	500	S	500
White	7,000	6,000	6,000	3,000	1,000	3,000	3,000	1,000
Other	1,000	1,000	1,000	S	S	1,000	S	S
Environmental life sciences	4,000	4,000	3,000	2,000	S	2,000	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	500	S	S	S	S	S
Black	500	500	500	S	S	S	S	S
Hispanic	500	*	*	S	S	S	S	S
White	4,000	4,000	3,000	1,000	S	1,000	1,000	S
Other	1,000	S	S	S	S	S	S	S
Computer/mathematical sciences	12,000	10,000	10,000	3,000	2,000	4,000	4,000	2,000
American Indian/Alaska Native	1,000	1,000	S	S	S	S	S	S
Asian	5,000	5,000	5,000	2,000	1,000	2,000	1,000	1,000
Black	2,000	2,000	2,000	1,000	500	1,000	S	500
Hispanic	2,000	2,000	2,000	500	S	S	S	S
White	10,000	8,000	8,000	3,000	2,000	4,000	4,000	2,000
Other	2,000	2,000	2,000	S	S	*	S	S

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Computer/information sciences	10,000	9,000	9,000	3,000	2,000	3,000	2,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	5,000	4,000	4,000	1,000	1,000	2,000	1,000	1,000
Black	2,000	2,000	2,000	1,000	500	S	S	S
Hispanic	2,000	2,000	2,000	S	S	S	S	S
White	8,000	8,000	7,000	2,000	1,000	3,000	2,000	1,000
Other	2,000	2,000	2,000	S	S	S	S	S
Mathematical sciences	6,000	5,000	5,000	2,000	1,000	3,000	3,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	2,000	1,000	1,000	1,000	500	1,000
Black	1,000	1,000	1,000	500	S	500	S	*
Hispanic	1,000	500	500	*	S	S	S	S
White	6,000	4,000	4,000	2,000	1,000	3,000	3,000	1,000
Other	500	*	*	S	S	S	S	S
Physical/related sciences	7,000	6,000	5,000	3,000	1,000	3,000	3,000	1,000
American Indian/Alaska Native	1,000	*	*	S	S	S	S	S
Asian	3,000	2,000	2,000	1,000	S	1,000	1,000	1,000
Black	1,000	1,000	1,000	*	S	*	S	*
Hispanic	1,000	1,000	1,000	1,000	S	*	S	*
White	6,000	5,000	5,000	3,000	1,000	3,000	2,000	1,000
Other	1,000	500	500	*	S	S	S	S
Chemistry, except biochemistry	4,000	3,000	3,000	2,000	1,000	2,000	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	1,000	1,000	S	1,000	500	1,000
Black	500	500	500	S	S	S	S	S
Hispanic	500	500	500	S	S	S	S	S
White	3,000	3,000	2,000	2,000	S	1,000	1,000	1,000
Other	500	S	S	S	S	S	S	S
Earth/atmospheric/ocean sciences	4,000	4,000	4,000	1,000	500	1,000	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	S	S	S	S	S
Black	*	*	*	S	S	S	S	S
Hispanic	500	500	500	S	S	S	S	S
White	4,000	4,000	3,000	1,000	500	1,000	1,000	1,000
Other	500	500	500	*	S	S	S	S
Physics/astronomy	3,000	3,000	2,000	1,000	*	2,000	2,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	1,000	1,000	1,000	S	1,000	S	1,000
Black	500	500	500	S	S	S	S	S
Hispanic	1,000	1,000	500	1,000	S	*	S	S

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Asian	1,000	1,000	1,000	S	S	500	S	S
Black	1,000	1,000	1,000	1,000	S	S	S	S
Hispanic	2,000	2,000	1,000	1,000	S	S	S	S
White	5,000	4,000	4,000	2,000	1,000	2,000	2,000	1,000
Other	1,000	1,000	1,000	500	S	S	S	S
Other social sciences	6,000	5,000	4,000	2,000	1,000	3,000	3,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	500	S	1,000	S	1,000
Black	2,000	2,000	2,000	500	S	1,000	S	*
Hispanic	2,000	2,000	1,000	1,000	S	500	S	S
White	6,000	4,000	4,000	2,000	S	3,000	2,000	2,000
Other	1,000	1,000	500	500	S	S	S	S
Engineering	13,000	12,000	11,000	3,000	2,000	7,000	6,000	3,000
American Indian/Alaska Native	1,000	*	S	S	S	S	S	S
Asian	5,000	5,000	5,000	1,000	1,000	2,000	1,000	1,000
Black	2,000	1,000	1,000	*	*	1,000	1,000	*
Hispanic	3,000	3,000	3,000	500	500	1,000	1,000	*
White	11,000	10,000	9,000	3,000	2,000	6,000	6,000	2,000
Other	1,000	1,000	1,000	S	S	500	S	S
Aerospace/related engineering	2,000	2,000	2,000	1,000	S	1,000	1,000	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	*	S	*	S	*
Black	S	S	S	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	2,000	2,000	2,000	1,000	S	1,000	1,000	S
Other	500	500	500	S	S	S	S	S
Chemical engineering	3,000	2,000	2,000	500	500	1,000	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	2,000	*	S	500	S	*
Black	500	500	500	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	2,000	2,000	2,000	*	S	1,000	1,000	1,000
Other	S	S	S	S	S	S	S	S
Civil/architectural engineering	5,000	5,000	4,000	2,000	1,000	2,000	2,000	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	2,000	500	S	1,000	1,000	S
Black	500	500	500	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	4,000	4,000	4,000	2,000	S	1,000	1,000	S
Other	1,000	1,000	1,000	S	S	S	S	S

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Electrical/computer engineering	8,000	7,000	7,000	2,000	1,000	4,000	3,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	4,000	3,000	3,000	1,000	1,000	1,000	500	1,000
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	6,000	5,000	5,000	1,000	1,000	4,000	3,000	1,000
Other	1,000	1,000	1,000	S	S	S	S	S
Industrial engineering	3,000	3,000	3,000	1,000	500	2,000	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	*	S	500	S	S
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	3,000	2,000	2,000	1,000	S	2,000	1,000	1,000
Other	S	S	S	S	S	S	S	S
Mechanical engineering	4,000	4,000	4,000	1,000	2,000	2,000	2,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	2,000	500	500	1,000	1,000	500
Black	500	500	500	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	4,000	4,000	3,000	1,000	1,000	2,000	2,000	1,000
Other	1,000	1,000	1,000	S	S	S	S	S
Other engineering	6,000	5,000	5,000	2,000	1,000	2,000	2,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	2,000	1,000	1,000	1,000	500	1,000
Black	1,000	500	500	S	S	S	S	S
Hispanic	1,000	1,000	1,000	*	S	S	S	S
White	5,000	5,000	4,000	1,000	500	2,000	1,000	1,000
Other	500	500	500	S	S	S	S	S
S&E-related fields	21,000	19,000	17,000	11,000	3,000	10,000	7,000	6,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	5,000	5,000	4,000	2,000	1,000	1,000	1,000	1,000
Black	5,000	5,000	5,000	1,000	S	1,000	1,000	1,000
Hispanic	4,000	3,000	3,000	2,000	S	2,000	1,000	1,000
White	19,000	18,000	16,000	10,000	3,000	9,000	7,000	6,000
Other	3,000	2,000	2,000	1,000	S	S	S	S
Health	16,000	16,000	14,000	9,000	3,000	8,000	6,000	6,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	4,000	4,000	3,000	2,000	S	1,000	1,000	1,000
Black	4,000	4,000	4,000	1,000	S	1,000	1,000	1,000

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Hispanic	3,000	3,000	2,000	1,000	S	1,000	S	1,000
White	16,000	14,000	13,000	9,000	3,000	8,000	5,000	5,000
Other	2,000	2,000	2,000	500	S	S	S	S
Science/mathematics teacher education	10,000	9,000	8,000	4,000	S	4,000	4,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	1,000	S	S	S	S	S
Black	3,000	2,000	2,000	1,000	S	1,000	S	S
Hispanic	2,000	1,000	1,000	S	S	S	S	S
White	9,000	8,000	8,000	4,000	S	4,000	4,000	1,000
Other	1,000	1,000	1,000	S	S	S	S	S
Technology/technical fields	5,000	4,000	4,000	1,000	500	2,000	1,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	2,000	S	S	500	S	500
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	4,000	4,000	3,000	S	S	2,000	1,000	S
Other	S	S	S	S	S	S	S	S
Other S&E-related fields	7,000	6,000	6,000	3,000	S	2,000	2,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	1,000	1,000	S	S	S	S	S
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	6,000	6,000	5,000	3,000	S	2,000	2,000	S
Other	S	S	S	S	S	S	S	S
Non-S&E fields	41,000	36,000	34,000	15,000	6,000	17,000	14,000	9,000
American Indian/Alaska Native	2,000	2,000	2,000	S	S	S	S	S
Asian	9,000	8,000	7,000	3,000	2,000	3,000	1,000	2,000
Black	11,000	10,000	10,000	3,000	2,000	3,000	3,000	1,000
Hispanic	7,000	7,000	7,000	2,000	1,000	2,000	2,000	2,000
White	37,000	33,000	31,000	13,000	5,000	15,000	13,000	9,000
Other	4,000	4,000	3,000	1,000	S	2,000	1,000	2,000
Arts/humanities	9,000	8,000	6,000	4,000	2,000	3,000	2,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	3,000	3,000	3,000	1,000	S	S	S	S
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	2,000	2,000	1,000	S	S	S	S	S
White	8,000	7,000	6,000	3,000	2,000	3,000	2,000	2,000
Other	500	500	S	S	S	S	S	S
Education, except science/mathematics teacher education	25,000	22,000	21,000	9,000	3,000	11,000	9,000	7,000

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	3,000	3,000	2,000	2,000	S	1,000	S	S
Black	6,000	6,000	5,000	3,000	1,000	3,000	2,000	S
Hispanic	4,000	4,000	4,000	1,000	S	2,000	1,000	1,000
White	23,000	21,000	20,000	9,000	3,000	10,000	8,000	6,000
Other	2,000	2,000	2,000	S	S	1,000	1,000	S
Management/administration	24,000	22,000	22,000	7,000	4,000	9,000	8,000	5,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	7,000	6,000	6,000	2,000	2,000	2,000	1,000	1,000
Black	6,000	6,000	5,000	1,000	S	2,000	2,000	S
Hispanic	5,000	5,000	5,000	1,000	500	1,000	S	1,000
White	23,000	20,000	20,000	6,000	3,000	9,000	7,000	5,000
Other	2,000	2,000	2,000	S	S	500	500	S
Sales/marketing	8,000	7,000	7,000	2,000	2,000	3,000	2,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	2,000	S	S	1,000	S	S
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	2,000	2,000	2,000	S	S	S	S	S
White	7,000	7,000	6,000	2,000	S	3,000	2,000	2,000
Other	S	S	S	S	S	S	S	S
Social services/related	13,000	12,000	11,000	6,000	1,000	5,000	4,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	2,000	1,000	S	1,000	S	1,000
Black	4,000	4,000	4,000	1,000	S	1,000	1,000	S
Hispanic	3,000	2,000	2,000	1,000	S	S	S	S
White	12,000	11,000	10,000	6,000	1,000	4,000	3,000	2,000
Other	1,000	1,000	1,000	S	S	S	S	S
Other non-S&E fields	13,000	11,000	11,000	5,000	S	6,000	4,000	3,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	3,000	2,000	2,000	1,000	S	1,000	S	S
Black	4,000	4,000	4,000	S	S	1,000	S	S
Hispanic	2,000	2,000	2,000	S	S	1,000	S	S
White	12,000	11,000	10,000	4,000	S	5,000	4,000	3,000
Other	2,000	1,000	1,000	S	S	S	S	S
Doctorate degrees	10,000	9,000	9,000	4,000	2,000	4,000	4,000	2,000
American Indian/Alaska Native	500	500	500	*	S	*	*	S
Asian	3,000	3,000	3,000	1,000	1,000	1,000	1,000	1,000
Black	2,000	2,000	2,000	1,000	500	1,000	1,000	*
Hispanic	2,000	2,000	1,000	1,000	*	1,000	1,000	1,000
White	9,000	8,000	8,000	3,000	1,000	4,000	4,000	1,000

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Other	1,000	1,000	1,000	500	*	500	500	*
S&E fields	5,000	5,000	5,000	2,000	1,000	2,000	2,000	1,000
American Indian/Alaska Native	500	500	500	*	S	*	*	S
Asian	3,000	2,000	2,000	1,000	500	1,000	500	1,000
Black	1,000	1,000	1,000	500	*	500	500	*
Hispanic	1,000	1,000	1,000	500	*	500	500	500
White	4,000	4,000	4,000	2,000	1,000	2,000	2,000	1,000
Other	1,000	1,000	1,000	500	*	500	500	*
Sciences	4,000	4,000	4,000	1,000	1,000	2,000	2,000	1,000
American Indian/Alaska Native	500	500	500	*	S	*	*	S
Asian	2,000	2,000	2,000	1,000	500	1,000	500	1,000
Black	1,000	1,000	1,000	500	*	500	500	*
Hispanic	1,000	1,000	1,000	500	*	500	500	*
White	3,000	3,000	3,000	1,000	1,000	2,000	1,000	1,000
Other	1,000	1,000	1,000	500	*	500	*	*
Biological/agricultural/environmental life sciences	3,000	3,000	3,000	1,000	1,000	1,000	1,000	500
American Indian/Alaska Native	500	*	*	S	S	S	S	S
Asian	2,000	2,000	2,000	500	500	500	500	500
Black	1,000	1,000	1,000	*	S	*	*	S
Hispanic	1,000	1,000	1,000	*	*	*	*	*
White	2,000	2,000	2,000	1,000	1,000	1,000	1,000	500
Other	500	500	500	*	S	*	*	*
Agricultural/food sciences	1,000	1,000	1,000	500	*	500	500	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	500	500	500	*	S	S	S	S
Black	500	500	500	S	S	S	S	S
Hispanic	500	500	500	S	S	S	S	S
White	1,000	500	500	500	*	500	500	*
Other	*	*	*	S	S	S	S	S
Biological sciences	3,000	3,000	2,000	1,000	1,000	1,000	1,000	500
American Indian/Alaska Native	*	*	*	S	S	S	S	S
Asian	2,000	2,000	1,000	500	500	500	500	500
Black	500	500	500	*	S	*	*	S
Hispanic	1,000	500	500	*	*	*	*	*
White	2,000	2,000	2,000	1,000	1,000	1,000	1,000	500
Other	500	500	500	*	S	*	S	*
Environmental life sciences	500	500	500	*	S	500	500	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	500	500	500	S	S	S	S	S

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Black	*	*	*	S	S	S	S	S
Hispanic	*	*	*	S	S	S	S	S
White	500	500	500	*	S	500	500	S
Other	S	S	S	S	S	S	S	S
Computer/mathematical sciences	2,000	2,000	2,000	500	*	500	500	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	500	S	500	*	S
Black	500	500	500	*	S	S	S	S
Hispanic	500	500	500	*	S	S	S	S
White	1,000	1,000	1,000	500	*	500	500	*
Other	*	*	*	S	S	S	S	S
Computer/information sciences	1,000	1,000	1,000	500	*	500	*	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	*	S	*	S	S
Black	*	*	*	S	S	S	S	S
Hispanic	500	*	*	S	S	S	S	S
White	1,000	1,000	1,000	500	S	*	*	S
Other	*	*	*	S	S	S	S	S
Mathematical sciences	1,000	1,000	1,000	500	*	500	500	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	500	500	500	500	S	*	*	S
Black	500	500	500	*	S	S	S	S
Hispanic	500	500	500	*	S	S	S	S
White	1,000	1,000	1,000	500	*	500	500	*
Other	*	*	*	S	S	S	S	S
Physical/related sciences	2,000	2,000	2,000	1,000	500	1,000	1,000	1,000
American Indian/Alaska Native	*	*	*	S	S	S	S	S
Asian	1,000	1,000	1,000	500	*	500	500	500
Black	500	500	500	*	S	*	S	S
Hispanic	500	500	500	*	S	500	500	S
White	2,000	2,000	2,000	1,000	500	1,000	1,000	500
Other	500	500	500	S	S	S	S	S
Chemistry, except biochemistry	2,000	1,000	1,000	500	500	1,000	1,000	500
American Indian/Alaska Native	*	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	500	*	500	500	*
Black	500	500	500	*	S	S	S	S
Hispanic	500	500	500	*	S	*	*	S
White	1,000	1,000	1,000	500	500	1,000	1,000	500
Other	500	500	500	S	S	S	S	S

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Earth/atmospheric/ocean sciences	1,000	1,000	1,000	500	*	500	500	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	500	500	500	*	S	*	S	S
Black	*	*	*	S	S	S	S	S
Hispanic	*	*	*	S	S	S	S	S
White	1,000	500	500	500	*	500	500	*
Other	*	*	*	S	S	S	S	S
Physics/astronomy	1,000	1,000	1,000	500	500	1,000	500	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	500	500	*	S	500	*	500
Black	500	500	*	*	S	S	S	S
Hispanic	500	500	500	S	S	S	S	S
White	1,000	1,000	1,000	500	500	500	500	*
Other	*	*	*	S	S	S	S	S
Other physical sciences	500	500	500	*	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	*	*	*	S	S	S	S	S
Black	*	S	S	S	S	S	S	S
Hispanic	*	*	*	S	S	S	S	S
White	500	500	500	*	S	S	S	S
Other	S	S	S	S	S	S	S	S
Social/related sciences	2,000	2,000	2,000	1,000	500	1,000	1,000	1,000
American Indian/Alaska Native	500	500	500	*	S	S	S	S
Asian	1,000	1,000	1,000	500	*	500	500	500
Black	500	500	500	500	*	500	500	*
Hispanic	500	500	500	500	S	500	*	*
White	1,000	1,000	2,000	1,000	500	1,000	1,000	500
Other	500	500	500	500	S	*	*	S
Economics	1,000	1,000	1,000	500	*	500	500	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	500	500	500	*	S	500	*	S
Black	500	500	500	*	S	S	S	S
Hispanic	500	500	500	S	S	S	S	S
White	500	500	500	500	*	500	500	*
Other	*	*	*	S	S	S	S	S
Political/related sciences	1,000	1,000	1,000	500	*	500	500	500
American Indian/Alaska Native	*	*	*	S	S	S	S	S
Asian	500	500	500	S	S	*	*	S
Black	500	500	500	*	S	*	*	S
Hispanic	500	*	*	*	S	S	S	S

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Asian	1,000	1,000	1,000	*	S	500	*	S
Black	*	*	*	S	S	S	S	S
Hispanic	500	500	500	S	S	S	S	S
White	1,000	1,000	1,000	500	*	500	500	S
Other	*	*	*	S	S	S	S	S
Civil/architectural engineering	1,000	1,000	1,000	500	S	500	500	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	500	500	500	S	S	*	*	S
Black	*	*	*	S	S	S	S	S
Hispanic	*	*	*	S	S	S	S	S
White	500	500	500	500	S	500	500	S
Other	S	S	S	S	S	S	S	S
Electrical/computer engineering	1,000	1,000	1,000	500	*	500	500	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	500	S	500	*	*
Black	500	500	500	S	S	S	S	S
Hispanic	500	500	500	*	S	S	S	S
White	1,000	1,000	1,000	500	*	500	500	*
Other	*	*	*	S	S	S	S	S
Industrial engineering	500	500	500	*	S	*	*	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	500	500	500	S	S	S	S	S
Black	*	*	*	S	S	S	S	S
Hispanic	*	*	*	S	S	S	S	S
White	500	500	500	*	S	*	*	S
Other	S	S	S	S	S	S	S	S
Mechanical engineering	1,000	1,000	1,000	500	*	500	500	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	500	500	500	*	S	*	S	S
Black	*	*	*	S	S	S	S	S
Hispanic	*	*	*	S	S	S	S	S
White	500	500	500	500	*	500	500	S
Other	*	*	*	S	S	S	S	S
Other engineering	1,000	1,000	1,000	500	500	1,000	500	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	*	*	500	500	*
Black	500	500	500	S	S	S	S	S
Hispanic	500	500	500	S	S	S	S	S
White	1,000	1,000	1,000	500	*	500	500	500
Other	*	*	*	S	S	S	S	S

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
S&E-related fields	3,000	3,000	3,000	1,000	*	2,000	2,000	500
American Indian/Alaska Native	*	*	S	S	S	S	S	S
Asian	1,000	1,000	1,000	*	S	500	500	S
Black	1,000	1,000	500	500	S	*	S	S
Hispanic	1,000	1,000	1,000	500	S	*	S	S
White	3,000	3,000	2,000	1,000	*	1,000	1,000	500
Other	500	500	*	S	S	S	S	S
Health	2,000	2,000	2,000	1,000	*	500	500	500
American Indian/Alaska Native	*	*	S	S	S	S	S	S
Asian	1,000	1,000	1,000	*	S	500	500	S
Black	1,000	1,000	500	500	S	S	S	S
Hispanic	1,000	1,000	1,000	500	S	*	S	S
White	1,000	1,000	1,000	1,000	*	500	500	500
Other	*	*	*	S	S	S	S	S
Science/mathematics teacher education	2,000	1,000	1,000	500	S	1,000	1,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S
Black	500	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S
White	2,000	1,000	1,000	S	S	1,000	1,000	S
Other	S	S	S	S	S	S	S	S
Technology/technical fields	1,000	1,000	1,000	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	S	S	S	S	S
Black	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S
White	1,000	1,000	1,000	S	S	S	S	S
Other	S	S	S	S	S	S	S	S
Other S&E-related fields	1,000	1,000	1,000	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S
White	1,000	1,000	1,000	S	S	S	S	S
Other	S	S	S	S	S	S	S	S
Non-S&E fields	7,000	7,000	6,000	3,000	S	3,000	3,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	S	S	S	S	S
Black	1,000	1,000	1,000	S	S	1,000	1,000	S

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Hispanic	2,000	2,000	1,000	S	S	S	S	S
White	7,000	7,000	6,000	2,000	S	3,000	3,000	1,000
Other	1,000	1,000	500	S	S	S	S	S
Arts/humanities	3,000	3,000	3,000	1,000	S	1,000	1,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S
Hispanic	1,000	1,000	S	S	S	S	S	S
White	3,000	2,000	2,000	500	S	500	500	S
Other	S	S	S	S	S	S	S	S
Education, except science/mathematics teacher education	6,000	5,000	5,000	2,000	S	3,000	3,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	500	500	500	S	S	S	S	S
Black	1,000	1,000	1,000	S	S	500	500	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	6,000	5,000	5,000	1,000	S	3,000	2,000	S
Other	500	500	S	S	S	S	S	S
Management/administration	3,000	2,000	2,000	1,000	S	1,000	1,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	S	S	S	S	S
Black	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S
White	2,000	2,000	2,000	S	S	S	S	S
Other	S	S	S	S	S	S	S	S
Sales/marketing	500	500	500	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S
White	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S
Social services/related	3,000	3,000	3,000	1,000	S	1,000	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S
White	3,000	3,000	3,000	1,000	S	S	S	S
Other	S	S	S	S	S	S	S	S
Other non-S&E fields	3,000	3,000	3,000	1,000	S	2,000	2,000	S

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 2006

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S
Hispanic	1,000	S	S	S	S	S	S	S
White	3,000	3,000	3,000	1,000	S	2,000	2,000	S
Other	S	S	S	S	S	S	S	S

* = standard error is not calculated when estimate is less than 500; S = standard error is not calculated when estimate is suppressed for reliability or confidentiality.

S&E = science and engineering.

^a "Other" includes Native Hawaiian/Other Pacific Islander and non-Hispanic respondents reporting 2 or more races.

^b Total includes professional degrees not broken out separately.

NOTES: Scientists and engineers include any person who has ever received a bachelor's or higher degree in a science or engineering (S&E) or S&E-related field, plus any person holding a non-S&E bachelor's or higher degree who was employed in a S&E or S&E-related occupation in 2003. See <http://sestat.nsf.gov/docs/ed03maj.html> for a detailed description of the educational field classification. Standard errors of less than 500 are rounded up to 500 and standard errors equal to or greater than 500 are rounded up to the nearest thousand.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2006.