

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

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	84,000	82,000	76,000	33,000	19,000	44,000	30,000	30,000
American Indian/Alaska Native	7,000	6,000	6,000	2,000	2,000	3,000	2,000	3,000
Asian	24,000	22,000	21,000	8,000	6,000	10,000	4,000	9,000
Black	20,000	20,000	19,000	5,000	4,000	8,000	5,000	6,000
Hispanic	21,000	20,000	19,000	5,000	4,000	7,000	5,000	5,000
White	79,000	77,000	72,000	33,000	16,000	42,000	29,000	28,000
Other	13,000	12,000	12,000	3,000	2,000	5,000	3,000	5,000
S&E fields	73,000	67,000	65,000	23,000	14,000	35,000	25,000	23,000
American Indian/Alaska Native	5,000	4,000	4,000	1,000	2,000	3,000	1,000	2,000
Asian	19,000	18,000	17,000	6,000	4,000	8,000	3,000	8,000
Black	16,000	15,000	15,000	4,000	4,000	6,000	4,000	5,000
Hispanic	16,000	14,000	13,000	3,000	4,000	6,000	4,000	4,000
White	68,000	61,000	60,000	23,000	12,000	34,000	24,000	22,000
Other	9,000	8,000	7,000	2,000	1,000	5,000	3,000	4,000
Sciences	69,000	64,000	60,000	22,000	13,000	32,000	22,000	23,000
American Indian/Alaska Native	5,000	4,000	4,000	1,000	S	3,000	1,000	2,000
Asian	17,000	15,000	15,000	6,000	4,000	7,000	2,000	7,000
Black	16,000	15,000	15,000	4,000	4,000	6,000	4,000	4,000
Hispanic	14,000	12,000	12,000	3,000	3,000	5,000	3,000	4,000
White	64,000	58,000	55,000	22,000	11,000	31,000	22,000	21,000
Other	9,000	7,000	6,000	2,000	1,000	5,000	3,000	4,000
Biological/agricultural/environmental life sciences	31,000	27,000	27,000	9,000	5,000	14,000	10,000	10,000
American Indian/Alaska Native	1,000	1,000	1,000	500	S	1,000	S	500
Asian	8,000	7,000	7,000	2,000	2,000	4,000	1,000	4,000
Black	5,000	5,000	5,000	1,000	1,000	2,000	1,000	2,000
Hispanic	7,000	6,000	6,000	1,000	2,000	2,000	1,000	2,000
White	28,000	24,000	24,000	8,000	5,000	13,000	10,000	8,000
Other	4,000	3,000	3,000	1,000	S	2,000	1,000	2,000
Agricultural/food sciences	13,000	12,000	12,000	4,000	2,000	5,000	4,000	3,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S
Asian	3,000	3,000	3,000	500	S	1,000	500	1,000
Black	1,000	1,000	1,000	*	S	S	S	S
Hispanic	2,000	2,000	2,000	500	S	1,000	1,000	*
White	13,000	12,000	11,000	4,000	2,000	4,000	3,000	2,000
Other	2,000	2,000	2,000	S	S	S	S	S
Biological sciences	28,000	25,000	25,000	7,000	4,000	13,000	8,000	9,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	500	S	S
Asian	8,000	7,000	7,000	2,000	1,000	4,000	1,000	4,000
Black	5,000	5,000	5,000	1,000	1,000	2,000	1,000	2,000

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

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	7,000	6,000		6,000	1,000	2,000
White	25,000	23,000	22,000	7,000	4,000	12,000	8,000	8,000
Other	3,000	2,000	2,000	1,000	S	2,000	S	2,000
Environmental life sciences	10,000	9,000	9,000	2,000	2,000	5,000	4,000	3,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	2,000	1,000	1,000	S	S	1,000	S	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	9,000	8,000	8,000	2,000	2,000	5,000	4,000	2,000
Other	1,000	1,000	1,000	S	S	S	S	S
Computer/mathematical sciences	26,000	24,000	21,000	10,000	5,000	11,000	7,000	8,000
American Indian/Alaska Native	3,000	3,000	3,000	S	S	S	S	S
Asian	9,000	9,000	8,000	3,000	2,000	4,000	1,000	4,000
Black	7,000	7,000	7,000	1,000	2,000	2,000	1,000	2,000
Hispanic	5,000	5,000	5,000	1,000	1,000	2,000	1,000	1,000
White	24,000	22,000	21,000	10,000	4,000	10,000	7,000	7,000
Other	3,000	3,000	3,000	1,000	500	1,000	S	1,000
Computer/information sciences	19,000	18,000	16,000	7,000	4,000	6,000	3,000	5,000
American Indian/Alaska Native	3,000	3,000	3,000	S	S	S	S	S
Asian	8,000	8,000	7,000	3,000	2,000	2,000	1,000	2,000
Black	6,000	5,000	5,000	1,000	2,000	2,000	S	2,000
Hispanic	5,000	4,000	4,000	1,000	1,000	1,000	S	1,000
White	16,000	16,000	15,000	6,000	3,000	5,000	3,000	4,000
Other	3,000	3,000	3,000	S	S	500	S	S
Mathematical sciences	19,000	16,000	15,000	6,000	3,000	9,000	7,000	6,000
American Indian/Alaska Native	500	S	S	S	S	S	S	S
Asian	5,000	4,000	4,000	2,000	1,000	3,000	1,000	3,000
Black	4,000	4,000	4,000	1,000	500	1,000	1,000	1,000
Hispanic	2,000	2,000	2,000	1,000	1,000	1,000	1,000	500
White	18,000	15,000	14,000	6,000	3,000	8,000	7,000	5,000
Other	2,000	2,000	2,000	S	S	1,000	S	S
Physical/related sciences	18,000	16,000	15,000	4,000	3,000	9,000	7,000	5,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	6,000	5,000	5,000	3,000	1,000	2,000	1,000	2,000
Black	3,000	3,000	2,000	1,000	*	1,000	1,000	500
Hispanic	3,000	3,000	3,000	500	*	1,000	500	500
White	16,000	14,000	13,000	4,000	3,000	8,000	7,000	4,000
Other	4,000	1,000	1,000	500	*	4,000	2,000	3,000
Chemistry, except biochemistry	14,000	12,000	12,000	3,000	2,000	7,000	5,000	5,000

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

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	5,000	4,000	4,000	2,000	1,000	2,000	500	1,000
Black	2,000	2,000	2,000	500	*	1,000	1,000	500
Hispanic	2,000	2,000	2,000	*	*	1,000	500	500
White	12,000	11,000	10,000	3,000	1,000	6,000	5,000	3,000
Other	3,000	1,000	1,000	500	S	3,000	S	S
Earth/atmospheric/ocean sciences	10,000	9,000	8,000	2,000	2,000	4,000	4,000	2,000
American Indian/Alaska Native	*	*	*	S	S	S	S	S
Asian	1,000	1,000	1,000	1,000	*	500	S	*
Black	1,000	500	500	S	S	S	S	S
Hispanic	1,000	1,000	1,000	*	S	*	S	S
White	10,000	9,000	9,000	2,000	2,000	4,000	4,000	2,000
Other	500	500	500	S	S	S	S	S
Physics/astronomy	7,000	6,000	6,000	2,000	1,000	3,000	3,000	1,000
American Indian/Alaska Native	1,000	*	*	S	S	S	S	S
Asian	2,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000
Black	1,000	1,000	1,000	*	S	*	S	*
Hispanic	1,000	1,000	1,000	500	S	*	S	*
White	6,000	5,000	5,000	1,000	1,000	3,000	3,000	500
Other	500	500	500	S	S	S	S	S
Other physical sciences	6,000	5,000	5,000	1,000	1,000	3,000	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	2,000	1,000	1,000	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	5,000	5,000	4,000	1,000	S	2,000	2,000	1,000
Other	S	S	S	S	S	S	S	S
Social/related sciences	56,000	50,000	49,000	18,000	10,000	24,000	16,000	20,000
American Indian/Alaska Native	4,000	3,000	3,000	1,000	S	2,000	S	2,000
Asian	10,000	10,000	9,000	4,000	2,000	5,000	2,000	4,000
Black	14,000	13,000	12,000	3,000	3,000	5,000	4,000	4,000
Hispanic	11,000	9,000	9,000	3,000	3,000	4,000	3,000	3,000
White	54,000	47,000	46,000	18,000	9,000	24,000	15,000	19,000
Other	6,000	6,000	5,000	2,000	1,000	2,000	2,000	2,000
Economics	21,000	20,000	20,000	6,000	4,000	9,000	7,000	6,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	7,000	6,000	6,000	2,000	2,000	3,000	1,000	3,000
Black	3,000	3,000	3,000	*	1,000	2,000	2,000	1,000
Hispanic	4,000	3,000	3,000	500	1,000	1,000	1,000	1,000

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

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	20,000	19,000		19,000	5,000	4,000
Other	2,000	2,000	2,000	S	S	500	S	S
Political/related sciences	27,000	23,000	23,000	6,000	6,000	10,000	6,000	7,000
American Indian/Alaska Native	2,000	2,000	2,000	S	S	S	S	S
Asian	5,000	4,000	4,000	1,000	1,000	2,000	1,000	2,000
Black	6,000	6,000	6,000	1,000	2,000	2,000	1,000	2,000
Hispanic	5,000	4,000	4,000	1,000	1,000	2,000	1,000	1,000
White	24,000	21,000	21,000	5,000	5,000	9,000	6,000	6,000
Other	3,000	3,000	3,000	1,000	S	1,000	S	S
Psychology	34,000	28,000	26,000	12,000	6,000	16,000	11,000	13,000
American Indian/Alaska Native	2,000	1,000	1,000	*	S	S	S	S
Asian	6,000	5,000	5,000	1,000	1,000	2,000	1,000	2,000
Black	8,000	7,000	7,000	2,000	2,000	3,000	2,000	2,000
Hispanic	6,000	5,000	5,000	2,000	2,000	3,000	2,000	2,000
White	33,000	27,000	25,000	12,000	5,000	16,000	10,000	12,000
Other	4,000	3,000	3,000	1,000	1,000	2,000	1,000	1,000
Sociology/anthropology	24,000	20,000	19,000	9,000	5,000	13,000	6,000	11,000
American Indian/Alaska Native	2,000	1,000	1,000	S	S	S	S	S
Asian	4,000	3,000	3,000	2,000	500	2,000	500	2,000
Black	7,000	6,000	6,000	1,000	2,000	3,000	2,000	2,000
Hispanic	4,000	4,000	3,000	1,000	2,000	1,000	1,000	1,000
White	23,000	18,000	17,000	8,000	4,000	13,000	6,000	11,000
Other	3,000	3,000	2,000	1,000	500	S	S	S
Other social sciences	19,000	17,000	16,000	5,000	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	3,000	2,000	1,000	S	2,000	1,000	1,000
Black	5,000	5,000	5,000	2,000	*	1,000	1,000	500
Hispanic	5,000	5,000	5,000	1,000	S	2,000	1,000	1,000
White	16,000	15,000	14,000	5,000	2,000	6,000	4,000	4,000
Other	2,000	2,000	2,000	1,000	S	500	S	500
Engineering	33,000	28,000	27,000	8,000	6,000	14,000	13,000	6,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	10,000	10,000	10,000	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	1,000	1,000	3,000	2,000	2,000
White	30,000	25,000	24,000	7,000	6,000	13,000	13,000	5,000
Other	5,000	4,000	4,000	500	500	1,000	1,000	500
Aerospace/related engineering	8,000	7,000	7,000	1,000	1,000	2,000	2,000	500
American Indian/Alaska Native	500	500	500	S	S	S	S	S

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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
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	1,000	1,000	1,000	500	S	S	S	S
White	7,000	6,000	6,000	1,000	1,000	2,000	2,000	*
Other	1,000	1,000	1,000	S	S	S	S	S
Chemical engineering	9,000	7,000	7,000	1,000	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	3,000	3,000	500	500	1,000	1,000	500
Black	1,000	1,000	1,000	S	S	*	S	*
Hispanic	2,000	2,000	2,000	*	S	500	S	*
White	8,000	6,000	6,000	1,000	1,000	4,000	3,000	2,000
Other	1,000	1,000	1,000	S	S	S	S	S
Civil/architectural engineering	13,000	12,000	11,000	3,000	2,000	5,000	5,000	2,000
American Indian/Alaska Native	500	500	500	S	S	S	S	S
Asian	4,000	3,000	3,000	1,000	1,000	1,000	1,000	1,000
Black	2,000	2,000	2,000	*	S	S	S	S
Hispanic	4,000	4,000	4,000	500	S	1,000	1,000	500
White	11,000	10,000	9,000	3,000	2,000	5,000	4,000	2,000
Other	3,000	3,000	3,000	S	S	S	S	S
Electrical/computer engineering	16,000	13,000	13,000	4,000	3,000	8,000	7,000	3,000
American Indian/Alaska Native	500	S	S	S	S	S	S	S
Asian	6,000	6,000	6,000	1,000	1,000	1,000	1,000	1,000
Black	3,000	3,000	3,000	1,000	1,000	1,000	1,000	*
Hispanic	3,000	2,000	2,000	*	1,000	1,000	1,000	1,000
White	14,000	11,000	11,000	3,000	2,000	8,000	7,000	3,000
Other	3,000	3,000	3,000	S	S	1,000	S	S
Industrial engineering	10,000	9,000	8,000	2,000	2,000	6,000	5,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	2,000	*	500	1,000	S	1,000
Black	2,000	1,000	1,000	S	S	S	S	S
Hispanic	3,000	2,000	2,000	*	S	2,000	S	1,000
White	10,000	8,000	8,000	2,000	2,000	5,000	5,000	2,000
Other	500	500	500	S	S	S	S	S
Mechanical engineering	16,000	15,000	14,000	4,000	3,000	7,000	7,000	2,000
American Indian/Alaska Native	1,000	1,000	500	S	S	S	S	S
Asian	4,000	4,000	4,000	1,000	1,000	1,000	1,000	500
Black	2,000	2,000	2,000	*	S	*	S	S
Hispanic	2,000	2,000	2,000	*	S	1,000	1,000	500
White	16,000	14,000	13,000	4,000	3,000	7,000	6,000	2,000

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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
Other engineering	13,000	12,000	11,000	3,000	2,000	6,000	5,000	3,000
American Indian/Alaska Native	500	500	S	S	S	S	S	S
Asian	3,000	3,000	3,000	1,000	1,000	1,000	1,000	1,000
Black	1,000	1,000	1,000	S	*	S	S	S
Hispanic	3,000	2,000	2,000	1,000	S	1,000	S	1,000
White	12,000	11,000	11,000	3,000	2,000	5,000	5,000	2,000
Other	1,000	1,000	1,000	S	S	*	S	S
S&E-related fields	42,000	39,000	37,000	21,000	7,000	24,000	15,000	17,000
American Indian/Alaska Native	3,000	3,000	2,000	1,000	S	1,000	1,000	S
Asian	13,000	11,000	11,000	4,000	2,000	6,000	2,000	5,000
Black	10,000	9,000	9,000	2,000	1,000	4,000	3,000	3,000
Hispanic	11,000	10,000	10,000	3,000	1,000	3,000	2,000	2,000
White	41,000	37,000	37,000	20,000	7,000	22,000	15,000	16,000
Other	7,000	7,000	6,000	2,000	S	2,000	1,000	1,000
Health	36,000	31,000	30,000	20,000	6,000	22,000	12,000	17,000
American Indian/Alaska Native	3,000	3,000	2,000	1,000	S	1,000	S	S
Asian	11,000	10,000	10,000	4,000	2,000	5,000	2,000	5,000
Black	9,000	8,000	8,000	2,000	1,000	3,000	2,000	3,000
Hispanic	9,000	8,000	8,000	3,000	1,000	3,000	2,000	2,000
White	34,000	30,000	29,000	19,000	6,000	20,000	11,000	16,000
Other	6,000	6,000	6,000	1,000	S	2,000	1,000	1,000
Science/mathematics teacher education	17,000	15,000	13,000	6,000	2,000	8,000	8,000	3,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S
Asian	3,000	3,000	3,000	1,000	S	S	S	S
Black	3,000	3,000	3,000	1,000	S	2,000	2,000	S
Hispanic	3,000	3,000	2,000	1,000	S	1,000	S	S
White	16,000	15,000	12,000	6,000	2,000	8,000	7,000	3,000
Other	1,000	1,000	1,000	S	S	S	S	S
Technology/technical fields	15,000	14,000	14,000	4,000	3,000	6,000	4,000	4,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S
Asian	5,000	4,000	4,000	2,000	2,000	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	13,000	12,000	12,000	3,000	3,000	5,000	4,000	3,000
Other	2,000	1,000	1,000	S	S	S	S	S
Other S&E-related fields	15,000	15,000	14,000	5,000	1,000	4,000	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	1,000	2,000	500	S

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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	3,000	3,000		3,000	S	S
Hispanic	3,000	3,000	3,000	S	S	S	S	S
White	14,000	14,000	13,000	5,000	1,000	4,000	2,000	3,000
Other	1,000	1,000	1,000	S	S	S	S	S
Non-S&E fields	52,000	45,000	43,000	15,000	8,000	17,000	13,000	10,000
American Indian/Alaska Native	4,000	4,000	4,000	1,000	S	S	S	S
Asian	11,000	9,000	9,000	2,000	2,000	3,000	1,000	3,000
Black	12,000	12,000	11,000	2,000	2,000	3,000	3,000	1,000
Hispanic	8,000	9,000	8,000	2,000	1,000	3,000	2,000	2,000
White	47,000	42,000	40,000	14,000	7,000	16,000	13,000	10,000
Other	6,000	6,000	6,000	2,000	1,000	1,000	1,000	1,000
Arts/humanities	16,000	16,000	14,000	6,000	2,000	3,000	3,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	3,000	3,000	3,000	1,000	S	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	16,000	16,000	14,000	6,000	1,000	3,000	2,000	2,000
Other	1,000	1,000	1,000	S	S	S	S	S
Education, except science/mathematics teacher education	28,000	25,000	25,000	6,000	2,000	11,000	8,000	7,000
American Indian/Alaska Native	2,000	2,000	2,000	S	S	S	S	S
Asian	3,000	2,000	2,000	1,000	1,000	1,000	S	S
Black	7,000	6,000	5,000	1,000	1,000	3,000	3,000	S
Hispanic	4,000	4,000	4,000	1,000	S	1,000	1,000	1,000
White	27,000	24,000	24,000	6,000	2,000	10,000	8,000	7,000
Other	2,000	2,000	2,000	1,000	S	1,000	S	S
Management/administration	30,000	28,000	27,000	8,000	5,000	9,000	6,000	6,000
American Indian/Alaska Native	3,000	3,000	3,000	S	S	S	S	S
Asian	8,000	7,000	7,000	2,000	2,000	3,000	1,000	3,000
Black	7,000	7,000	7,000	1,000	1,000	1,000	1,000	S
Hispanic	5,000	5,000	5,000	1,000	1,000	1,000	S	S
White	28,000	26,000	25,000	7,000	4,000	9,000	6,000	6,000
Other	5,000	5,000	5,000	S	S	1,000	500	S
Sales/marketing	10,000	10,000	10,000	3,000	2,000	2,000	1,000	2,000
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	2,000	1,000	S	S	S	S	S
Hispanic	2,000	1,000	1,000	S	S	S	S	S
White	10,000	9,000	9,000	3,000	1,000	2,000	1,000	2,000
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 field of highest degree, race/ethnicity, and employment status: 2003

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
Social services/related	13,000	13,000	11,000	6,000	2,000	4,000	3,000	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	1,000
Black	4,000	3,000	3,000	S	S	1,000	S	S
Hispanic	2,000	2,000	2,000	S	S	1,000	S	S
White	13,000	12,000	11,000	5,000	2,000	4,000	3,000	3,000
Other	2,000	2,000	1,000	S	S	S	S	S
Other non-S&E fields	24,000	23,000	22,000	8,000	4,000	8,000	6,000	5,000
American Indian/Alaska Native	2,000	2,000	1,000	S	S	S	S	S
Asian	4,000	4,000	4,000	1,000	1,000	1,000	1,000	1,000
Black	5,000	5,000	5,000	1,000	1,000	1,000	1,000	S
Hispanic	4,000	4,000	4,000	1,000	S	2,000	1,000	1,000
White	23,000	22,000	20,000	7,000	4,000	7,000	5,000	5,000
Other	3,000	3,000	2,000	1,000	S	S	S	S
Bachelor's degrees	73,000	69,000	66,000	29,000	15,000	38,000	26,000	27,000
American Indian/Alaska Native	6,000	5,000	5,000	1,000	2,000	3,000	1,000	3,000
Asian	20,000	18,000	17,000	6,000	4,000	9,000	3,000	8,000
Black	17,000	16,000	16,000	4,000	4,000	6,000	4,000	4,000
Hispanic	17,000	15,000	15,000	4,000	4,000	6,000	4,000	4,000
White	68,000	64,000	61,000	29,000	13,000	35,000	26,000	25,000
Other	11,000	10,000	10,000	3,000	1,000	5,000	3,000	4,000
S&E fields	66,000	60,000	58,000	22,000	14,000	31,000	23,000	22,000
American Indian/Alaska Native	5,000	4,000	4,000	1,000	2,000	3,000	S	2,000
Asian	16,000	14,000	14,000	5,000	4,000	7,000	2,000	7,000
Black	15,000	14,000	14,000	3,000	4,000	5,000	3,000	4,000
Hispanic	15,000	13,000	13,000	3,000	4,000	6,000	4,000	4,000
White	63,000	57,000	54,000	22,000	12,000	30,000	22,000	21,000
Other	9,000	7,000	7,000	2,000	1,000	5,000	3,000	4,000
Sciences	64,000	59,000	56,000	21,000	12,000	30,000	20,000	22,000
American Indian/Alaska Native	5,000	4,000	4,000	1,000	S	2,000	S	2,000
Asian	14,000	12,000	12,000	5,000	3,000	7,000	2,000	7,000
Black	15,000	14,000	14,000	3,000	4,000	5,000	3,000	4,000
Hispanic	13,000	12,000	11,000	3,000	3,000	5,000	3,000	4,000
White	60,000	55,000	51,000	21,000	11,000	28,000	19,000	20,000
Other	8,000	6,000	6,000	2,000	1,000	5,000	2,000	4,000
Biological/agricultural/environmental life sciences	29,000	26,000	25,000	8,000	5,000	13,000	9,000	9,000
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	4,000	1,000	4,000
Black	5,000	5,000	5,000	1,000	1,000	2,000	1,000	2,000

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

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	7,000	6,000	6,000	1,000	2,000	2,000	S	2,000
White	27,000	24,000	23,000	8,000	4,000	12,000	8,000	8,000
Other	4,000	3,000	3,000	1,000	S	2,000	S	2,000
Agricultural/food sciences	13,000	12,000	12,000	4,000	2,000	4,000	4,000	3,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	3,000	3,000	3,000	S	S	1,000	S	1,000
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	2,000	2,000	2,000	S	S	1,000	S	*
White	12,000	11,000	11,000	4,000	2,000	4,000	3,000	2,000
Other	2,000	1,000	1,000	S	S	S	S	S
Biological sciences	27,000	24,000	23,000	7,000	4,000	12,000	8,000	9,000
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	5,000	1,000	1,000	2,000	1,000	2,000
Hispanic	7,000	6,000	6,000	1,000	2,000	2,000	S	2,000
White	25,000	22,000	21,000	7,000	3,000	11,000	8,000	8,000
Other	3,000	2,000	2,000	1,000	S	2,000	S	2,000
Environmental life sciences	9,000	7,000	7,000	2,000	2,000	4,000	2,000	2,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	2,000	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	8,000	7,000	7,000	2,000	1,000	3,000	2,000	2,000
Other	1,000	1,000	1,000	S	S	S	S	S
Computer/mathematical sciences	24,000	21,000	20,000	9,000	4,000	11,000	7,000	8,000
American Indian/Alaska Native	3,000	2,000	2,000	S	S	S	S	S
Asian	7,000	6,000	6,000	2,000	2,000	3,000	1,000	3,000
Black	7,000	6,000	6,000	1,000	1,000	2,000	1,000	2,000
Hispanic	5,000	4,000	4,000	1,000	1,000	2,000	1,000	1,000
White	22,000	21,000	19,000	9,000	4,000	9,000	7,000	6,000
Other	3,000	3,000	3,000	S	500	1,000	S	S
Computer/information sciences	17,000	16,000	15,000	6,000	4,000	6,000	2,000	5,000
American Indian/Alaska Native	3,000	2,000	2,000	S	S	S	S	S
Asian	6,000	5,000	5,000	1,000	1,000	2,000	S	2,000
Black	6,000	5,000	5,000	1,000	1,000	2,000	S	2,000
Hispanic	4,000	4,000	4,000	1,000	1,000	1,000	S	1,000
White	14,000	14,000	14,000	6,000	3,000	5,000	2,000	4,000
Other	2,000	2,000	2,000	S	S	S	S	S
Mathematical sciences	18,000	15,000	14,000	6,000	3,000	9,000	6,000	6,000

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

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	5,000	4,000	3,000	2,000	1,000	3,000	1,000	3,000
Black	3,000	3,000	3,000	1,000	500	1,000	1,000	1,000
Hispanic	2,000	2,000	2,000	S	S	1,000	1,000	*
White	17,000	15,000	14,000	6,000	2,000	8,000	6,000	5,000
Other	2,000	2,000	2,000	S	S	S	S	S
Physical/related sciences	16,000	14,000	13,000	4,000	3,000	8,000	7,000	5,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	4,000	4,000	4,000	2,000	1,000	2,000	1,000	1,000
Black	3,000	2,000	2,000	500	S	1,000	1,000	500
Hispanic	3,000	3,000	3,000	500	*	1,000	S	500
White	14,000	13,000	12,000	3,000	2,000	7,000	6,000	4,000
Other	4,000	1,000	1,000	500	S	4,000	S	3,000
Chemistry, except biochemistry	13,000	11,000	11,000	3,000	1,000	6,000	4,000	5,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	4,000	4,000	3,000	2,000	1,000	1,000	500	1,000
Black	2,000	2,000	2,000	500	S	1,000	1,000	*
Hispanic	2,000	2,000	2,000	S	S	500	S	500
White	11,000	10,000	9,000	3,000	1,000	5,000	4,000	3,000
Other	3,000	1,000	1,000	500	S	S	S	S
Earth/atmospheric/ocean sciences	9,000	8,000	8,000	2,000	2,000	4,000	3,000	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	500	500	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	9,000	8,000	8,000	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	6,000	1,000	1,000	3,000	3,000	1,000
American Indian/Alaska Native	*	*	S	S	S	S	S	S
Asian	2,000	2,000	2,000	1,000	1,000	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	6,000	5,000	5,000	1,000	500	3,000	3,000	500
Other	500	500	500	S	S	S	S	S
Other physical sciences	6,000	5,000	5,000	500	S	3,000	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

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

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	5,000	4,000	4,000	*	S	2,000	2,000	1,000
Other	S	S	S	S	S	S	S	S
Social/related sciences	52,000	45,000	43,000	16,000	10,000	23,000	14,000	19,000
American Indian/Alaska Native	4,000	3,000	3,000	1,000	S	2,000	S	S
Asian	10,000	9,000	9,000	3,000	2,000	4,000	1,000	4,000
Black	13,000	12,000	11,000	3,000	3,000	4,000	3,000	3,000
Hispanic	10,000	9,000	9,000	2,000	3,000	4,000	3,000	3,000
White	50,000	43,000	40,000	16,000	9,000	23,000	14,000	18,000
Other	6,000	5,000	5,000	2,000	1,000	2,000	2,000	2,000
Economics	20,000	19,000	18,000	6,000	4,000	9,000	6,000	6,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	7,000	6,000	5,000	2,000	1,000	3,000	S	3,000
Black	3,000	3,000	3,000	S	1,000	1,000	S	*
Hispanic	4,000	3,000	3,000	500	S	1,000	S	1,000
White	18,000	18,000	17,000	5,000	4,000	8,000	6,000	5,000
Other	2,000	2,000	2,000	S	S	S	S	S
Political/related sciences	25,000	21,000	21,000	5,000	6,000	9,000	6,000	7,000
American Indian/Alaska Native	2,000	2,000	1,000	S	S	S	S	S
Asian	4,000	3,000	3,000	1,000	1,000	2,000	S	2,000
Black	6,000	5,000	5,000	1,000	2,000	2,000	1,000	1,000
Hispanic	4,000	4,000	4,000	1,000	1,000	2,000	S	1,000
White	23,000	19,000	19,000	5,000	5,000	9,000	6,000	6,000
Other	3,000	3,000	3,000	S	S	S	S	S
Psychology	31,000	25,000	22,000	10,000	5,000	13,000	9,000	11,000
American Indian/Alaska Native	2,000	1,000	1,000	S	S	S	S	S
Asian	5,000	5,000	5,000	1,000	S	2,000	S	2,000
Black	7,000	7,000	6,000	2,000	2,000	2,000	1,000	2,000
Hispanic	5,000	5,000	4,000	2,000	2,000	3,000	2,000	2,000
White	30,000	25,000	22,000	10,000	4,000	13,000	9,000	11,000
Other	3,000	3,000	3,000	1,000	S	2,000	1,000	S
Sociology/anthropology	24,000	20,000	19,000	8,000	5,000	13,000	6,000	11,000
American Indian/Alaska Native	2,000	1,000	1,000	S	S	S	S	S
Asian	4,000	3,000	3,000	1,000	500	2,000	S	2,000
Black	7,000	6,000	6,000	1,000	2,000	3,000	2,000	2,000
Hispanic	4,000	3,000	3,000	1,000	2,000	1,000	1,000	1,000
White	24,000	18,000	17,000	8,000	4,000	13,000	6,000	11,000
Other	3,000	2,000	2,000	1,000	S	S	S	S
Other social sciences	18,000	16,000	16,000	5,000	2,000	6,000	4,000	4,000
American Indian/Alaska Native	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 field of highest degree, race/ethnicity, and employment status: 2003

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	3,000	2,000		2,000	1,000	S
Black	4,000	4,000	4,000	1,000	*	1,000	S	500
Hispanic	5,000	4,000	4,000	1,000	S	2,000	1,000	1,000
White	15,000	14,000	13,000	5,000	2,000	6,000	4,000	4,000
Other	2,000	2,000	2,000	S	S	S	S	S
Engineering	31,000	25,000	25,000	7,000	6,000	14,000	13,000	5,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	8,000	8,000	8,000	2,000	2,000	2,000	1,000	2,000
Black	5,000	4,000	4,000	1,000	1,000	1,000	1,000	1,000
Hispanic	6,000	6,000	5,000	1,000	1,000	3,000	2,000	1,000
White	28,000	22,000	21,000	6,000	5,000	13,000	13,000	5,000
Other	4,000	4,000	4,000	500	500	1,000	1,000	500
Aerospace/related engineering	7,000	7,000	6,000	1,000	1,000	2,000	2,000	*
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	S
White	7,000	6,000	6,000	1,000	1,000	2,000	2,000	S
Other	1,000	1,000	1,000	S	S	S	S	S
Chemical engineering	8,000	7,000	7,000	1,000	1,000	4,000	3,000	1,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	2,000	2,000	2,000	500	S	1,000	S	500
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	2,000	2,000	1,000	S	S	500	S	S
White	7,000	6,000	6,000	1,000	1,000	4,000	3,000	1,000
Other	1,000	1,000	1,000	S	S	S	S	S
Civil/architectural engineering	12,000	11,000	10,000	2,000	2,000	5,000	4,000	2,000
American Indian/Alaska Native	500	500	500	S	S	S	S	S
Asian	3,000	3,000	2,000	S	1,000	1,000	1,000	S
Black	2,000	2,000	2,000	S	S	S	S	S
Hispanic	3,000	3,000	3,000	500	S	1,000	1,000	S
White	10,000	9,000	9,000	2,000	2,000	4,000	4,000	2,000
Other	3,000	3,000	3,000	S	S	S	S	S
Electrical/computer engineering	14,000	11,000	11,000	3,000	3,000	7,000	7,000	3,000
American Indian/Alaska Native	500	S	S	S	S	S	S	S
Asian	5,000	5,000	5,000	1,000	1,000	1,000	1,000	1,000
Black	3,000	3,000	3,000	1,000	1,000	1,000	S	S
Hispanic	2,000	2,000	2,000	*	1,000	1,000	S	1,000
White	12,000	9,000	9,000	3,000	2,000	7,000	7,000	3,000

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

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	3,000	2,000		2,000	S	S
Industrial engineering	10,000	8,000	8,000	2,000	2,000	5,000	5,000	2,000
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	1,000	1,000	1,000	S	S	S	S	S
Hispanic	2,000	2,000	2,000	S	S	2,000	S	500
White	9,000	7,000	7,000	2,000	2,000	5,000	5,000	2,000
Other	500	500	500	S	S	S	S	S
Mechanical engineering	15,000	13,000	12,000	4,000	3,000	7,000	6,000	1,000
American Indian/Alaska Native	500	500	500	S	S	S	S	S
Asian	4,000	4,000	4,000	1,000	1,000	1,000	1,000	S
Black	2,000	2,000	2,000	*	S	S	S	S
Hispanic	2,000	2,000	2,000	*	S	1,000	S	500
White	15,000	13,000	11,000	4,000	3,000	6,000	6,000	1,000
Other	1,000	1,000	1,000	S	S	S	S	S
Other engineering	11,000	10,000	10,000	3,000	2,000	5,000	5,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	3,000	3,000	3,000	S	500	1,000	S	1,000
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	2,000	2,000	2,000	1,000	S	1,000	S	1,000
White	10,000	9,000	9,000	2,000	2,000	5,000	5,000	2,000
Other	1,000	500	500	S	S	S	S	S
S&E-related fields	40,000	36,000	35,000	19,000	6,000	20,000	12,000	15,000
American Indian/Alaska Native	3,000	2,000	2,000	S	S	1,000	S	S
Asian	11,000	10,000	10,000	3,000	2,000	5,000	2,000	5,000
Black	9,000	8,000	8,000	2,000	1,000	3,000	2,000	1,000
Hispanic	8,000	8,000	8,000	2,000	1,000	2,000	1,000	2,000
White	37,000	33,000	32,000	19,000	5,000	19,000	11,000	14,000
Other	6,000	6,000	6,000	1,000	S	1,000	S	S
Health	34,000	29,000	27,000	18,000	4,000	18,000	10,000	15,000
American Indian/Alaska Native	2,000	2,000	2,000	S	S	S	S	S
Asian	9,000	8,000	8,000	3,000	1,000	5,000	2,000	4,000
Black	7,000	7,000	7,000	1,000	1,000	2,000	1,000	1,000
Hispanic	6,000	6,000	6,000	2,000	S	2,000	1,000	2,000
White	31,000	26,000	24,000	18,000	4,000	17,000	9,000	14,000
Other	6,000	6,000	6,000	1,000	S	S	S	S
Science/mathematics teacher education	14,000	13,000	11,000	5,000	2,000	6,000	5,000	3,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	3,000	3,000	3,000	S	S	S	S	S

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

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	3,000	2,000		2,000	S	S
Hispanic	2,000	2,000	2,000	S	S	S	S	S
White	13,000	12,000	11,000	5,000	2,000	5,000	5,000	3,000
Other	500	S	S	S	S	S	S	S
Technology/technical fields	14,000	13,000	13,000	3,000	3,000	5,000	4,000	4,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S
Asian	4,000	4,000	4,000	2,000	2,000	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	13,000	11,000	11,000	3,000	3,000	5,000	4,000	3,000
Other	1,000	1,000	1,000	S	S	S	S	S
Other S&E-related fields	13,000	13,000	12,000	5,000	1,000	4,000	2,000	3,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	3,000	3,000	2,000	1,000	S	2,000	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	12,000	11,000	5,000	1,000	4,000	2,000	3,000
Other	1,000	1,000	1,000	S	S	S	S	S
Non-S&E fields	29,000	29,000	27,000	9,000	2,000	4,000	2,000	3,000
American Indian/Alaska Native	3,000	3,000	3,000	S	S	S	S	S
Asian	5,000	5,000	5,000	1,000	S	S	S	S
Black	7,000	7,000	6,000	1,000	S	S	S	S
Hispanic	4,000	4,000	4,000	1,000	S	S	S	S
White	27,000	27,000	26,000	9,000	S	3,000	2,000	3,000
Other	3,000	3,000	3,000	1,000	S	S	S	S
Arts/humanities	15,000	15,000	14,000	5,000	S	2,000	S	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	1,000	1,000	1,000	S	S	S	S	S
Hispanic	2,000	2,000	2,000	S	S	S	S	S
White	15,000	15,000	14,000	5,000	S	2,000	S	2,000
Other	1,000	1,000	1,000	S	S	S	S	S
Education, except science/mathematics teacher education	11,000	11,000	11,000	3,000	S	2,000	S	S
American Indian/Alaska Native	2,000	2,000	S	S	S	S	S	S
Asian	1,000	1,000	1,000	S	S	S	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	11,000	11,000	11,000	3,000	S	2,000	S	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 field of highest degree, race/ethnicity, and employment status: 2003

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
Management/administration	19,000	18,000	17,000	6,000	S	2,000	2,000	2,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	4,000	4,000	4,000	1,000	S	S	S	S
Black	5,000	5,000	5,000	S	S	S	S	S
Hispanic	3,000	3,000	3,000	S	S	S	S	S
White	17,000	17,000	16,000	5,000	S	2,000	S	S
Other	2,000	2,000	2,000	S	S	S	S	S
Sales/marketing	5,000	5,000	5,000	2,000	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	S	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	5,000	5,000	5,000	2,000	S	S	S	S
Other	S	S	S	S	S	S	S	S
Social services/related	5,000	5,000	5,000	2,000	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	2,000	2,000	2,000	S	S	S	S	S
Hispanic	500	500	500	S	S	S	S	S
White	5,000	5,000	4,000	2,000	S	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	1,000	S	S
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	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	S	S	S
Other	1,000	1,000	1,000	S	S	S	S	S
Master's degrees	50,000	47,000	45,000	17,000	10,000	22,000	17,000	14,000
American Indian/Alaska Native	3,000	3,000	3,000	1,000	S	1,000	1,000	S
Asian	13,000	11,000	11,000	4,000	3,000	5,000	2,000	4,000
Black	12,000	11,000	11,000	3,000	2,000	5,000	4,000	3,000
Hispanic	9,000	9,000	9,000	2,000	1,000	4,000	2,000	3,000
White	42,000	39,000	38,000	16,000	9,000	21,000	17,000	13,000
Other	7,000	6,000	6,000	2,000	2,000	2,000	1,000	1,000
S&E fields	33,000	28,000	26,000	9,000	5,000	14,000	12,000	8,000
American Indian/Alaska Native	2,000	1,000	1,000	1,000	S	S	S	S
Asian	9,000	9,000	8,000	4,000	2,000	3,000	2,000	3,000
Black	6,000	6,000	5,000	2,000	1,000	3,000	2,000	2,000

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

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	6,000	6,000		5,000	2,000	500
White	29,000	24,000	22,000	8,000	4,000	14,000	12,000	7,000
Other	3,000	3,000	3,000	500	1,000	1,000	1,000	1,000
Sciences	30,000	25,000	23,000	9,000	4,000	13,000	11,000	7,000
American Indian/Alaska Native	2,000	1,000	1,000	S	S	S	S	S
Asian	9,000	8,000	7,000	3,000	2,000	3,000	1,000	3,000
Black	6,000	5,000	5,000	2,000	1,000	3,000	2,000	2,000
Hispanic	5,000	4,000	4,000	2,000	500	2,000	1,000	1,000
White	26,000	21,000	20,000	8,000	4,000	13,000	10,000	7,000
Other	3,000	3,000	3,000	500	1,000	1,000	1,000	1,000
Biological/agricultural/environmental life sciences	11,000	9,000	9,000	3,000	1,000	6,000	5,000	3,000
American Indian/Alaska Native	500	500	500	S	S	S	S	S
Asian	3,000	2,000	2,000	1,000	S	2,000	500	2,000
Black	1,000	1,000	1,000	500	S	500	S	*
Hispanic	2,000	2,000	2,000	*	S	1,000	S	1,000
White	9,000	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
Agricultural/food sciences	4,000	4,000	4,000	1,000	S	1,000	1,000	500
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	4,000	3,000	3,000	1,000	S	1,000	1,000	S
Other	1,000	1,000	1,000	S	S	S	S	S
Biological sciences	9,000	7,000	7,000	2,000	1,000	4,000	3,000	3,000
American Indian/Alaska Native	500	500	500	S	S	S	S	S
Asian	3,000	2,000	2,000	1,000	S	2,000	500	2,000
Black	1,000	1,000	1,000	S	S	500	S	*
Hispanic	2,000	1,000	1,000	*	S	1,000	S	S
White	8,000	7,000	7,000	2,000	1,000	4,000	3,000	2,000
Other	1,000	500	500	S	S	S	S	S
Environmental life sciences	5,000	4,000	4,000	1,000	S	4,000	4,000	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	500	500	500	S	S	S	S	S
Hispanic	*	*	*	S	S	S	S	S
White	5,000	4,000	3,000	1,000	S	4,000	3,000	1,000
Other	S	S	S	S	S	S	S	S
Computer/mathematical sciences	12,000	11,000	10,000	4,000	3,000	4,000	3,000	2,000

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

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	6,000	6,000	5,000	3,000	2,000	1,000	1,000	1,000
Black	2,000	2,000	2,000	1,000	1,000	*	S	S
Hispanic	2,000	2,000	2,000	*	S	500	S	*
White	10,000	9,000	9,000	3,000	2,000	4,000	3,000	2,000
Other	1,000	1,000	1,000	S	S	S	S	S
Computer/information sciences	11,000	10,000	9,000	4,000	2,000	3,000	2,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	6,000	6,000	5,000	2,000	1,000	1,000	500	1,000
Black	2,000	2,000	2,000	S	1,000	S	S	S
Hispanic	2,000	2,000	2,000	S	S	S	S	S
White	9,000	8,000	7,000	3,000	1,000	2,000	2,000	1,000
Other	1,000	1,000	1,000	S	S	S	S	S
Mathematical sciences	7,000	5,000	5,000	2,000	2,000	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	S	1,000
Black	1,000	1,000	1,000	500	S	S	S	S
Hispanic	1,000	500	1,000	*	S	500	S	*
White	6,000	5,000	5,000	2,000	2,000	3,000	3,000	1,000
Other	1,000	500	500	S	S	S	S	S
Physical/related sciences	7,000	7,000	6,000	3,000	1,000	3,000	3,000	2,000
American Indian/Alaska Native	1,000	*	*	S	S	S	S	S
Asian	3,000	3,000	2,000	2,000	1,000	1,000	*	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
White	7,000	6,000	5,000	2,000	1,000	3,000	3,000	1,000
Other	500	500	500	S	S	S	S	S
Chemistry, except biochemistry	5,000	4,000	4,000	2,000	500	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	500	1,000	*	S
Black	1,000	500	500	S	S	S	S	S
Hispanic	500	500	500	S	S	S	S	S
White	4,000	3,000	3,000	1,000	S	2,000	2,000	1,000
Other	S	S	S	S	S	S	S	S
Earth/atmospheric/ocean sciences	5,000	4,000	4,000	2,000	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	S	S	S	S	S	S	S	S
Hispanic	500	500	500	S	S	S	S	S

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

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	4,000	4,000		4,000	2,000	500
Other	500	500	500	S	S	S	S	S
Physics/astronomy	4,000	3,000	3,000	1,000	1,000	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	500	500	1,000	S	1,000
Black	500	500	500	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	1,000	1,000	1,000	S
Other	*	S	S	S	S	S	S	S
Other physical sciences	2,000	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	2,000	1,000	1,000	S	S	S	S	S
Other	S	S	S	S	S	S	S	S
Social/related sciences	22,000	19,000	18,000	7,000	3,000	10,000	7,000	7,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	4,000	4,000	3,000	2,000	500	2,000	1,000	1,000
Black	5,000	5,000	4,000	2,000	500	3,000	2,000	2,000
Hispanic	4,000	4,000	3,000	2,000	S	1,000	1,000	1,000
White	20,000	17,000	17,000	7,000	3,000	10,000	7,000	6,000
Other	2,000	2,000	2,000	500	S	S	S	S
Economics	7,000	6,000	6,000	2,000	500	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	500	S	1,000	S	1,000
Black	2,000	500	500	S	S	S	S	S
Hispanic	1,000	1,000	1,000	*	S	S	S	S
White	7,000	6,000	5,000	2,000	S	3,000	3,000	1,000
Other	*	*	S	S	S	S	S	S
Political/related sciences	9,000	8,000	7,000	2,000	1,000	3,000	3,000	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	500
Black	2,000	2,000	2,000	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	8,000	7,000	7,000	2,000	1,000	3,000	2,000	1,000
Other	1,000	500	500	S	S	S	S	S
Psychology	16,000	14,000	14,000	6,000	2,000	8,000	5,000	6,000
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 field of highest degree, race/ethnicity, and employment status: 2003

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	2,000	2,000		1,000	1,000	S
Black	4,000	3,000	3,000	1,000	S	2,000	1,000	1,000
Hispanic	3,000	3,000	2,000	1,000	S	1,000	S	1,000
White	15,000	13,000	13,000	6,000	2,000	8,000	5,000	5,000
Other	2,000	2,000	2,000	S	S	S	S	S
Sociology/anthropology	6,000	5,000	4,000	3,000	1,000	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	1,000	S	500	S	S
Black	1,000	1,000	1,000	S	S	1,000	S	S
Hispanic	1,000	1,000	1,000	S	S	*	S	*
White	6,000	5,000	4,000	3,000	1,000	2,000	2,000	1,000
Other	1,000	1,000	1,000	S	S	S	S	S
Other social sciences	7,000	6,000	5,000	2,000	1,000	3,000	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	1,000	S	1,000
Black	2,000	2,000	2,000	1,000	S	1,000	S	S
Hispanic	2,000	2,000	2,000	S	S	S	S	S
White	6,000	6,000	5,000	2,000	1,000	3,000	2,000	1,000
Other	1,000	500	500	S	S	S	S	S
Engineering	13,000	12,000	11,000	4,000	2,000	6,000	5,000	3,000
American Indian/Alaska Native	S	S	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	*	500	1,000	S	500
Hispanic	3,000	3,000	3,000	*	*	1,000	1,000	1,000
White	12,000	10,000	10,000	3,000	2,000	6,000	5,000	3,000
Other	1,000	1,000	1,000	S	S	S	S	S
Aerospace/related engineering	2,000	2,000	2,000	500	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	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	1,000	1,000	*	S	1,000	1,000	S
Other	500	500	500	S	S	S	S	S
Chemical engineering	4,000	3,000	3,000	1,000	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	3,000	2,000	2,000	S	S	1,000	1,000	1,000

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

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	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	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	1,000	1,000	500	1,000	1,000	S
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	2,000	2,000	2,000	S	S	*	S	S
White	4,000	4,000	3,000	2,000	1,000	2,000	2,000	S
Other	1,000	1,000	1,000	S	S	S	S	S
Electrical/computer engineering	8,000	6,000	6,000	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	4,000	4,000	1,000	1,000	1,000	500	1,000
Black	1,000	1,000	1,000	S	*	500	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	6,000	5,000	5,000	2,000	1,000	4,000	3,000	2,000
Other	1,000	1,000	1,000	S	S	S	S	S
Industrial engineering	3,000	2,000	2,000	500	1,000	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	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	500	1,000	2,000	2,000	S
Other	S	S	S	S	S	S	S	S
Mechanical engineering	5,000	5,000	5,000	1,000	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	500	1,000	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	5,000	5,000	4,000	1,000	500	2,000	2,000	1,000
Other	1,000	1,000	500	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	500	500	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	2,000	2,000	1,000
Other	500	500	500	S	S	S	S	S
S&E-related fields	22,000	20,000	20,000	10,000	4,000	11,000	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	1,000	1,000	1,000

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

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	4,000	4,000	1,000	1,000	3,000	1,000	2,000
Hispanic	4,000	3,000	3,000	1,000	S	1,000	1,000	1,000
White	20,000	18,000	18,000	9,000	4,000	10,000	7,000	6,000
Other	2,000	2,000	2,000	1,000	S	S	S	S
Health	17,000	16,000	16,000	8,000	4,000	8,000	5,000	6,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	4,000	4,000	3,000	1,000	1,000	1,000	1,000	1,000
Black	4,000	4,000	4,000	1,000	S	2,000	1,000	2,000
Hispanic	3,000	3,000	3,000	1,000	S	1,000	S	1,000
White	16,000	15,000	14,000	8,000	4,000	7,000	5,000	5,000
Other	2,000	2,000	2,000	1,000	S	S	S	S
Science/mathematics teacher education	9,000	8,000	7,000	4,000	1,000	5,000	4,000	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	2,000	2,000	2,000	S	S	1,000	1,000	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	9,000	8,000	7,000	4,000	1,000	5,000	4,000	2,000
Other	1,000	S	S	S	S	S	S	S
Technology/technical fields	4,000	4,000	4,000	1,000	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	2,000	S	500	1,000	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	3,000	3,000	1,000	S	2,000	1,000	S
Other	1,000	S	S	S	S	S	S	S
Other S&E-related fields	7,000	7,000	7,000	2,000	1,000	2,000	2,000	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	1,000	1,000	1,000	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	7,000	7,000	7,000	2,000	S	2,000	2,000	S
Other	1,000	1,000	S	S	S	S	S	S
Non-S&E fields	40,000	34,000	34,000	11,000	7,000	15,000	12,000	10,000
American Indian/Alaska Native	3,000	3,000	3,000	S	S	S	S	S
Asian	8,000	7,000	7,000	2,000	2,000	3,000	1,000	3,000
Black	10,000	10,000	10,000	2,000	2,000	3,000	3,000	1,000
Hispanic	7,000	6,000	6,000	1,000	1,000	2,000	1,000	2,000
White	36,000	30,000	30,000	11,000	5,000	14,000	12,000	9,000
Other	5,000	5,000	5,000	1,000	S	1,000	1,000	S

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

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
		Arts/humanities	9,000	9,000		7,000	4,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	3,000	2,000	2,000	S	S	S	S	S
Black	1,000	1,000	500	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	9,000	8,000	7,000	4,000	1,000	2,000	2,000	S
Other	500	500	500	S	S	S	S	S
Education, except science/mathematics teacher education	24,000	21,000	21,000	5,000	2,000	11,000	8,000	7,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	2,000	2,000	2,000	1,000	S	1,000	S	S
Black	6,000	5,000	5,000	1,000	1,000	3,000	3,000	S
Hispanic	4,000	3,000	3,000	1,000	S	1,000	1,000	1,000
White	23,000	20,000	20,000	5,000	2,000	10,000	8,000	6,000
Other	2,000	2,000	2,000	S	S	S	S	S
Management/administration	23,000	20,000	20,000	5,000	5,000	8,000	6,000	6,000
American Indian/Alaska Native	2,000	2,000	2,000	S	S	S	S	S
Asian	7,000	6,000	6,000	1,000	2,000	2,000	500	2,000
Black	6,000	6,000	6,000	1,000	1,000	1,000	1,000	S
Hispanic	5,000	5,000	4,000	1,000	1,000	1,000	S	S
White	22,000	19,000	19,000	5,000	4,000	8,000	6,000	6,000
Other	5,000	5,000	5,000	S	S	1,000	500	S
Sales/marketing	9,000	8,000	8,000	2,000	1,000	2,000	1,000	2,000
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	1,000	1,000	1,000	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	8,000	8,000	7,000	2,000	1,000	2,000	1,000	2,000
Other	S	S	S	S	S	S	S	S
Social services/related	11,000	11,000	10,000	5,000	2,000	4,000	3,000	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	1,000
Black	4,000	3,000	3,000	S	S	S	S	S
Hispanic	2,000	2,000	2,000	S	S	1,000	S	S
White	11,000	10,000	9,000	5,000	2,000	4,000	3,000	3,000
Other	2,000	1,000	1,000	S	S	S	S	S
Other non-S&E fields	13,000	12,000	12,000	3,000	3,000	5,000	3,000	3,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S
Asian	2,000	2,000	2,000	S	S	1,000	S	S
Black	4,000	3,000	3,000	1,000	S	S	S	S

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

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	S	S	S	S
White	12,000	10,000	10,000	3,000	2,000	4,000	3,000	3,000
Other	2,000	1,000	1,000	S	S	S	S	S
Doctorate degrees	11,000	11,000	10,000	3,000	2,000	5,000	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	500	1,000	1,000	1,000	*
Hispanic	2,000	2,000	2,000	500	500	1,000	500	1,000
White	10,000	10,000	10,000	2,000	1,000	4,000	4,000	2,000
Other	1,000	1,000	1,000	500	*	500	500	*
S&E fields	5,000	5,000	5,000	2,000	1,000	3,000	2,000	1,000
American Indian/Alaska Native	500	500	500	*	S	*	S	*
Asian	3,000	3,000	2,000	1,000	1,000	1,000	500	1,000
Black	2,000	2,000	2,000	500	1,000	500	500	*
Hispanic	1,000	1,000	1,000	500	500	500	500	500
White	4,000	4,000	4,000	1,000	1,000	2,000	2,000	1,000
Other	1,000	1,000	1,000	500	*	500	*	*
Sciences	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	1,000	1,000	500	1,000
Black	2,000	2,000	2,000	500	1,000	500	500	*
Hispanic	1,000	1,000	1,000	500	*	500	500	500
White	4,000	4,000	4,000	1,000	1,000	2,000	2,000	1,000
Other	1,000	1,000	1,000	500	*	500	*	*
Biological/agricultural/environmental life sciences	4,000	3,000	3,000	1,000	1,000	2,000	2,000	500
American Indian/Alaska Native	*	*	*	S	S	S	S	S
Asian	2,000	2,000	2,000	500	1,000	500	500	500
Black	1,000	1,000	1,000	*	1,000	500	500	*
Hispanic	1,000	1,000	1,000	*	*	*	*	*
White	3,000	3,000	3,000	1,000	500	2,000	2,000	500
Other	500	500	500	*	S	*	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
Black	500	500	500	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	*	*	S
White	1,000	500	500	500	*	500	500	*
Other	*	*	*	S	S	S	S	S
Biological sciences	4,000	3,000	3,000	1,000	1,000	2,000	2,000	500

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

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
Asian	2,000	2,000	2,000	500	1,000	500	500	500
Black	1,000	1,000	1,000	*	1,000	500	500	*
Hispanic	1,000	1,000	1,000	*	*	*	*	*
White	3,000	3,000	3,000	1,000	500	2,000	2,000	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	*	*	S	S	S	S	S
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	500	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	500	*	500	*	*
Black	2,000	2,000	2,000	*	S	*	*	S
Hispanic	500	500	500	*	S	S	S	S
White	1,000	1,000	1,000	500	500	500	500	500
Other	*	*	*	S	S	S	S	S
Computer/information sciences	1,000	1,000	1,000	500	*	*	*	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	500	500	500	*	S	*	S	*
Black	500	500	*	*	S	S	S	S
Hispanic	500	500	500	S	S	S	S	S
White	1,000	1,000	1,000	500	*	*	S	*
Other	*	*	*	S	S	S	S	S
Mathematical sciences	2,000	2,000	2,000	500	500	500	500	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	500	500	500	*	S	*	*	S
Black	2,000	2,000	2,000	S	S	S	S	S
Hispanic	500	500	500	*	S	S	S	S
White	1,000	1,000	1,000	500	500	500	500	500
Other	*	*	*	S	S	S	S	S
Physical/related sciences	2,000	2,000	2,000	500	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	500
Black	500	500	500	*	*	S	S	S
Hispanic	500	500	500	*	*	*	*	S

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

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	500	500	500	*	*	500	*	S
Black	500	500	500	S	S	S	S	S
Hispanic	500	500	500	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	*	1,000	500	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	500	500	S	S	1,000	*	S
Black	500	500	500	*	S	*	*	S
Hispanic	500	500	500	S	S	S	S	S
White	1,000	1,000	1,000	500	*	500	500	*
Other	*	*	*	S	S	S	S	S
Psychology	1,000	1,000	1,000	1,000	500	1,000	500	500
American Indian/Alaska Native	*	*	*	S	S	S	S	S
Asian	500	500	500	500	S	*	S	*
Black	500	500	500	*	S	*	S	S
Hispanic	500	500	500	500	S	500	S	500
White	1,000	1,000	1,000	1,000	500	500	500	500
Other	500	500	500	*	S	*	S	S
Sociology/anthropology	1,000	1,000	1,000	500	500	500	500	500
American Indian/Alaska Native	*	*	*	S	S	S	S	S
Asian	500	500	500	*	S	*	S	*
Black	500	500	500	*	S	*	*	S
Hispanic	500	500	500	*	S	*	S	S
White	1,000	1,000	1,000	500	500	500	500	*
Other	*	*	*	S	S	S	S	S
Other social sciences	1,000	1,000	1,000	1,000	*	500	500	500
American Indian/Alaska Native	*	*	*	S	S	S	S	S
Asian	1,000	1,000	500	1,000	S	*	S	S
Black	500	500	500	*	S	*	*	S
Hispanic	500	500	500	*	S	S	S	S
White	1,000	1,000	1,000	500	*	500	500	500
Other	*	*	*	S	S	S	S	S
Engineering	2,000	2,000	2,000	1,000	1,000	1,000	1,000	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	500	500	500	500	500
Black	500	500	500	*	*	S	S	S
Hispanic	500	500	500	*	S	*	S	*
White	1,000	1,000	1,000	1,000	500	1,000	500	500

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

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	500	500	500	S	S	S	S	S
Aerospace/related 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	1,000	1,000	1,000	S	S	S	S	S
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
Chemical engineering	1,000	1,000	1,000	500	500	500	500	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	500	*	*	500	*	S
Black	*	*	*	S	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
Civil/architectural engineering	1,000	1,000	1,000	500	*	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	*	S	500	500	S
Other	*	*	*	S	S	S	S	S
Electrical/computer engineering	1,000	1,000	1,000	500	500	500	500	500
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	*	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
Industrial engineering	500	500	500	S	S	*	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	*	S	S
Other	S	S	S	S	S	S	S	S
Mechanical engineering	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	*	*	*	S

TABLE A-9. Standard errors for U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

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	S	S		S	S	S
White	500	500	500	S	S	S	S	
Other	S	S	S	S	S	S	S	
Social services/related	3,000	3,000	3,000	1,000	S	S	S	
American Indian/Alaska Native	S	S	S	S	S	S	S	
Asian	500	500	500	S	S	S	S	
Black	1,000	1,000	1,000	S	S	S	S	
Hispanic	S	S	S	S	S	S	S	
White	3,000	3,000	3,000	1,000	S	S	S	
Other	S	S	S	S	S	S	S	
Other non-S&E fields	4,000	3,000	3,000	1,000	S	2,000	2,000	
American Indian/Alaska Native	S	S	S	S	S	S	S	
Asian	1,000	1,000	1,000	S	S	S	S	
Black	1,000	1,000	1,000	S	S	S	S	
Hispanic	1,000	S	S	S	S	S	S	
White	3,000	3,000	3,000	1,000	S	2,000	S	
Other	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.

^bTotal 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): 2003.