

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
All degree levels and occupations <sup>a</sup>	83,000	44,000	43,000	72,000	29,000	60,000
<30	31,000	16,000	12,000	24,000	10,000	20,000
30-39	40,000	23,000	21,000	35,000	16,000	30,000
40-49	49,000	21,000	24,000	44,000	15,000	31,000
50-59	45,000	22,000	21,000	40,000	12,000	30,000
60+	29,000	11,000	13,000	24,000	7,000	20,000
S&E occupations	43,000	29,000	11,000	31,000	22,000	19,000
<30	11,000	9,000	3,000	7,000	9,000	5,000
30-39	21,000	15,000	6,000	16,000	14,000	9,000
40-49	21,000	14,000	5,000	17,000	12,000	10,000
50-59	19,000	12,000	5,000	15,000	8,000	9,000
60+	11,000	7,000	3,000	7,000	5,000	6,000
Scientists	35,000	24,000	10,000	24,000	21,000	15,000
<30	10,000	9,000	3,000	6,000	9,000	5,000
30-39	20,000	14,000	6,000	15,000	14,000	8,000
40-49	18,000	12,000	5,000	13,000	11,000	8,000
50-59	14,000	10,000	5,000	11,000	8,000	7,000
60+	8,000	5,000	3,000	5,000	4,000	4,000
Biological/agricultural/other life scientists	12,000	10,000	4,000	8,000	2,000	6,000
<30	5,000	4,000	2,000	2,000	1,000	2,000
30-39	6,000	5,000	2,000	4,000	1,000	2,000
40-49	7,000	5,000	2,000	6,000	2,000	3,000
50-59	6,000	4,000	2,000	4,000	1,000	4,000
60+	2,000	2,000	1,000	2,000	500	1,000
Agricultural/food scientists	4,000	3,000	500	4,000	500	3,000
<30	1,000	1,000	S	1,000	S	1,000
30-39	2,000	1,000	S	1,000	*	1,000
40-49	3,000	2,000	500	3,000	S	2,000
50-59	2,000	2,000	S	2,000	S	2,000
60+	1,000	1,000	S	1,000	S	*
Biological/medical scientists	10,000	9,000	2,000	6,000	2,000	5,000
<30	4,000	4,000	1,000	2,000	1,000	2,000
30-39	5,000	5,000	1,000	3,000	1,000	2,000
40-49	5,000	4,000	2,000	4,000	2,000	3,000
50-59	4,000	3,000	500	2,000	500	2,000
60+	2,000	1,000	1,000	1,000	*	1,000
Environmental life scientists	4,000	2,000	1,000	3,000	1,000	2,000
<30	1,000	500	S	500	S	500
30-39	1,000	1,000	S	1,000	S	500
40-49	2,000	1,000	S	2,000	S	1,000
50-59	3,000	1,000	S	3,000	S	2,000
60+	1,000	1,000	S	1,000	S	500
Postsecondary teachers-life/related sciences	3,000	2,000	3,000	2,000	500	1,000
<30	2,000	1,000	1,000	500	S	500
30-39	2,000	1,000	2,000	1,000	S	500
40-49	1,000	1,000	1,000	1,000	S	500
50-59	1,000	500	1,000	1,000	S	500
60+	1,000	1,000	1,000	500	S	500

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Computer/mathematical scientists	27,000	19,000	7,000	20,000	21,000	11,000
<30	8,000	6,000	2,000	5,000	8,000	3,000
30-39	17,000	11,000	4,000	13,000	14,000	6,000
40-49	14,000	10,000	3,000	11,000	11,000	6,000
50-59	11,000	7,000	3,000	9,000	8,000	5,000
60+	5,000	3,000	2,000	4,000	4,000	3,000
Computer/information scientists	27,000	17,000	5,000	19,000	21,000	11,000
<30	8,000	6,000	1,000	5,000	8,000	3,000
30-39	17,000	11,000	3,000	12,000	14,000	6,000
40-49	14,000	9,000	2,000	11,000	11,000	6,000
50-59	11,000	7,000	2,000	8,000	8,000	5,000
60+	4,000	3,000	1,000	3,000	3,000	2,000
Mathematical scientists	6,000	5,000	2,000	4,000	3,000	3,000
<30	1,000	1,000	500	1,000	1,000	1,000
30-39	3,000	3,000	1,000	2,000	2,000	1,000
40-49	3,000	2,000	S	2,000	1,000	2,000
50-59	3,000	3,000	S	2,000	1,000	2,000
60+	1,000	1,000	S	1,000	1,000	500
Postsecondary teachers-computer/mathematical sciences	4,000	3,000	4,000	2,000	1,000	2,000
<30	1,000	1,000	1,000	500	*	1,000
30-39	3,000	2,000	2,000	1,000	1,000	1,000
40-49	2,000	1,000	2,000	1,000	500	500
50-59	2,000	1,000	2,000	1,000	500	1,000
60+	2,000	1,000	2,000	1,000	1,000	1,000
Physical/related scientists	9,000	7,000	3,000	6,000	2,000	5,000
<30	3,000	2,000	1,000	2,000	1,000	1,000
30-39	4,000	3,000	1,000	3,000	1,000	2,000
40-49	5,000	4,000	2,000	4,000	1,000	3,000
50-59	4,000	3,000	2,000	3,000	1,000	2,000
60+	2,000	2,000	1,000	1,000	500	1,000
Chemists, except biochemists	5,000	4,000	1,000	4,000	1,000	3,000
<30	2,000	2,000	500	2,000	500	1,000
30-39	3,000	2,000	500	2,000	500	2,000
40-49	3,000	2,000	1,000	3,000	*	2,000
50-59	2,000	2,000	S	2,000	500	1,000
60+	1,000	1,000	1,000	1,000	S	500
Earth/atmospheric/ocean scientists	4,000	3,000	500	3,000	1,000	3,000
<30	1,000	1,000	*	500	500	500
30-39	2,000	2,000	S	2,000	1,000	1,000
40-49	3,000	2,000	500	2,000	500	2,000
50-59	2,000	2,000	*	1,000	1,000	2,000
60+	1,000	1,000	S	500	500	1,000
Physicists/astronomers	2,000	1,000	500	1,000	1,000	1,000
<30	1,000	1,000	*	*	1,000	*
30-39	1,000	1,000	*	500	500	500
40-49	1,000	1,000	*	500	500	500
50-59	1,000	1,000	*	500	500	500
60+	500	500	S	500	500	*

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Postsecondary teachers-physical/ related sciences	3,000	2,000	2,000	2,000	500	1,000
<30	1,000	1,000	1,000	500	S	500
30-39	1,000	1,000	1,000	1,000	S	500
40-49	2,000	1,000	2,000	1,000	S	1,000
50-59	1,000	1,000	1,000	1,000	S	500
60+	1,000	1,000	1,000	500	*	500
Other physical/related scientists	4,000	3,000	1,000	3,000	1,000	2,000
<30	1,000	1,000	S	1,000	500	1,000
30-39	2,000	1,000	S	1,000	*	1,000
40-49	2,000	2,000	S	1,000	S	1,000
50-59	3,000	2,000	S	2,000	S	1,000
60+	1,000	500	S	1,000	S	1,000
Social/related scientists	12,000	8,000	5,000	8,000	3,000	8,000
<30	4,000	4,000	2,000	3,000	1,000	2,000
30-39	7,000	4,000	3,000	5,000	1,000	4,000
40-49	6,000	5,000	2,000	5,000	2,000	4,000
50-59	5,000	3,000	2,000	4,000	1,000	4,000
60+	3,000	1,000	2,000	2,000	1,000	2,000
Economists	3,000	2,000	*	2,000	2,000	2,000
<30	1,000	1,000	S	1,000	500	1,000
30-39	1,000	1,000	S	1,000	500	1,000
40-49	2,000	2,000	S	1,000	2,000	1,000
50-59	1,000	1,000	S	1,000	*	1,000
60+	500	500	S	500	S	500
Political/related scientists	3,000	3,000	500	3,000	S	2,000
<30	2,000	2,000	S	1,000	S	1,000
30-39	2,000	1,000	S	1,000	S	1,000
40-49	2,000	1,000	S	1,000	S	S
50-59	1,000	1,000	S	1,000	S	S
60+	1,000	*	S	S	S	*
Postsecondary teachers-social/related sciences	5,000	3,000	4,000	2,000	500	1,000
<30	2,000	1,000	1,000	1,000	S	500
30-39	3,000	1,000	3,000	2,000	S	500
40-49	2,000	2,000	2,000	1,000	S	500
50-59	2,000	1,000	2,000	1,000	S	1,000
60+	2,000	1,000	1,000	1,000	S	1,000
Psychologists	6,000	4,000	2,000	4,000	1,000	6,000
<30	3,000	2,000	1,000	1,000	S	2,000
30-39	3,000	2,000	2,000	2,000	*	3,000
40-49	3,000	2,000	1,000	2,000	S	2,000
50-59	3,000	1,000	1,000	2,000	*	3,000
60+	2,000	1,000	1,000	1,000	S	2,000
Sociologists/anthropologists	2,000	2,000	500	2,000	1,000	1,000
<30	1,000	1,000	S	1,000	S	500
30-39	1,000	1,000	S	1,000	1,000	500
40-49	2,000	2,000	S	1,000	S	1,000
50-59	1,000	1,000	S	500	S	*
60+	500	500	S	500	S	*

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Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Other social/related scientists	7,000	5,000	1,000	6,000	2,000	4,000
<30	2,000	1,000	S	1,000	1,000	1,000
30-39	4,000	2,000	S	4,000	1,000	2,000
40-49	3,000	2,000	*	3,000	*	2,000
50-59	3,000	3,000	S	3,000	1,000	2,000
60+	2,000	1,000	S	2,000	S	1,000
Engineers	21,000	15,000	3,000	16,000	7,000	10,000
<30	5,000	4,000	1,000	3,000	2,000	2,000
30-39	9,000	8,000	2,000	7,000	4,000	5,000
40-49	12,000	8,000	2,000	11,000	4,000	5,000
50-59	10,000	7,000	2,000	8,000	2,000	5,000
60+	7,000	5,000	1,000	5,000	2,000	4,000
Aerospace/aeronautical/astronautical engineers	5,000	4,000	500	3,000	2,000	3,000
<30	1,000	1,000	*	500	500	500
30-39	2,000	2,000	S	1,000	2,000	2,000
40-49	3,000	2,000	S	2,000	1,000	1,000
50-59	2,000	2,000	S	2,000	1,000	1,000
60+	2,000	1,000	S	1,000	500	1,000
Chemical engineers	4,000	3,000	1,000	3,000	1,000	2,000
<30	1,000	1,000	S	1,000	500	1,000
30-39	2,000	2,000	S	1,000	500	1,000
40-49	3,000	2,000	S	2,000	500	1,000
50-59	2,000	1,000	S	1,000	500	1,000
60+	1,000	1,000	S	1,000	S	1,000
Civil/architectural/sanitary engineers	8,000	5,000	500	7,000	2,000	4,000
<30	2,000	2,000	S	1,000	1,000	1,000
30-39	4,000	3,000	S	4,000	1,000	2,000
40-49	4,000	3,000	S	4,000	1,000	2,000
50-59	3,000	3,000	S	3,000	1,000	2,000
60+	3,000	2,000	S	2,000	1,000	2,000
Electrical/computer hardware engineers	9,000	7,000	1,000	7,000	4,000	4,000
<30	2,000	2,000	500	2,000	1,000	1,000
30-39	5,000	4,000	S	4,000	2,000	2,000
40-49	5,000	4,000	1,000	4,000	3,000	2,000
50-59	4,000	3,000	S	3,000	2,000	2,000
60+	2,000	2,000	S	2,000	1,000	1,000
Industrial engineers	6,000	4,000	1,000	5,000	2,000	3,000
<30	1,000	1,000	*	1,000	500	500
30-39	3,000	3,000	1,000	3,000	1,000	2,000
40-49	4,000	3,000	S	3,000	1,000	2,000
50-59	2,000	2,000	S	2,000	500	1,000
60+	1,000	1,000	S	1,000	S	1,000
Mechanical engineers	8,000	6,000	1,000	6,000	2,000	4,000
<30	2,000	2,000	500	1,000	1,000	1,000
30-39	4,000	4,000	S	3,000	1,000	2,000
40-49	5,000	4,000	500	4,000	1,000	2,000
50-59	4,000	3,000	1,000	3,000	1,000	2,000
60+	3,000	2,000	S	2,000	500	1,000

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Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Postsecondary teachers-engineering	2,000	1,000	2,000	1,000	500	1,000
<30	1,000	500	1,000	500	500	*
30-39	1,000	1,000	1,000	500	S	*
40-49	1,000	1,000	1,000	500	*	1,000
50-59	1,000	1,000	1,000	1,000	*	500
60+	1,000	1,000	1,000	500	S	1,000
Other engineers	11,000	7,000	2,000	9,000	3,000	6,000
<30	2,000	2,000	500	2,000	1,000	1,000
30-39	5,000	4,000	1,000	4,000	2,000	3,000
40-49	7,000	4,000	1,000	6,000	2,000	3,000
50-59	5,000	3,000	1,000	4,000	1,000	3,000
60+	3,000	2,000	S	3,000	500	2,000
S&E-related occupations	45,000	23,000	31,000	32,000	11,000	35,000
<30	15,000	7,000	8,000	9,000	3,000	13,000
30-39	22,000	13,000	15,000	19,000	5,000	19,000
40-49	23,000	12,000	16,000	20,000	7,000	19,000
50-59	24,000	11,000	15,000	18,000	7,000	17,000
60+	13,000	6,000	9,000	9,000	2,000	11,000
Health-related occupations	35,000	16,000	23,000	27,000	6,000	33,000
<30	13,000	5,000	6,000	7,000	1,000	12,000
30-39	19,000	10,000	12,000	15,000	2,000	19,000
40-49	19,000	8,000	12,000	16,000	4,000	19,000
50-59	18,000	7,000	11,000	13,000	4,000	16,000
60+	11,000	3,000	6,000	8,000	1,000	10,000
S&E managers	13,000	6,000	2,000	13,000	5,000	6,000
<30	2,000	2,000	S	2,000	S	1,000
30-39	6,000	4,000	S	6,000	3,000	3,000
40-49	8,000	4,000	500	7,000	3,000	3,000
50-59	8,000	3,000	1,000	8,000	2,000	3,000
60+	11,000	3,000	6,000	8,000	1,000	10,000
S&E precollege teachers	19,000	9,000	19,000	13,000	4,000	6,000
<30	5,000	2,000	5,000	3,000	1,000	2,000
30-39	11,000	5,000	11,000	7,000	1,000	3,000
40-49	10,000	4,000	10,000	6,000	3,000	2,000
50-59	9,000	4,000	9,000	6,000	2,000	3,000
60+	5,000	2,000	5,000	4,000	1,000	3,000
S&E technicians/technologists	13,000	10,000	2,000	9,000	7,000	7,000
<30	4,000	3,000	500	2,000	2,000	2,000
30-39	6,000	5,000	S	4,000	4,000	4,000
40-49	7,000	5,000	1,000	5,000	4,000	4,000
50-59	7,000	5,000	1,000	4,000	4,000	4,000
60+	3,000	2,000	S	2,000	1,000	2,000
Other S&E-related occupations	9,000	8,000	S	8,000	3,000	6,000
<30	2,000	2,000	S	1,000	1,000	1,000
30-39	6,000	4,000	S	5,000	2,000	4,000
40-49	5,000	4,000	S	5,000	1,000	4,000
50-59	5,000	3,000	S	4,000	2,000	3,000
60+	3,000	3,000	S	3,000	S	3,000

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Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Non-S&E occupations	73,000	29,000	29,000	67,000	13,000	45,000
<30	22,000	8,000	8,000	20,000	3,000	13,000
30-39	36,000	15,000	14,000	32,000	5,000	21,000
40-49	42,000	14,000	17,000	38,000	8,000	23,000
50-59	38,000	15,000	14,000	36,000	7,000	24,000
60+	23,000	8,000	8,000	20,000	4,000	15,000
Art/humanities/related occupations	15,000	8,000	4,000	11,000	2,000	10,000
<30	4,000	2,000	1,000	3,000	1,000	3,000
30-39	8,000	4,000	2,000	6,000	2,000	5,000
40-49	7,000	4,000	2,000	6,000	1,000	5,000
50-59	7,000	4,000	S	6,000	1,000	5,000
60+	5,000	2,000	2,000	4,000	S	4,000
Management-related occupations	31,000	12,000	6,000	29,000	6,000	16,000
<30	7,000	4,000	1,000	7,000	2,000	4,000
30-39	16,000	6,000	3,000	15,000	3,000	8,000
40-49	16,000	6,000	3,000	15,000	4,000	9,000
50-59	16,000	7,000	3,000	16,000	3,000	8,000
60+	9,000	4,000	2,000	8,000	2,000	6,000
Non-S&E managers	26,000	8,000	4,000	26,000	5,000	12,000
<30	3,000	1,000	1,000	3,000	S	1,000
30-39	11,000	4,000	2,000	11,000	2,000	5,000
40-49	16,000	4,000	2,000	16,000	3,000	8,000
50-59	16,000	5,000	3,000	16,000	3,000	6,000
60+	8,000	3,000	1,000	8,000	1,000	4,000
Non-S&E postsecondary teachers	7,000	4,000	7,000	5,000	1,000	3,000
<30	2,000	2,000	2,000	1,000	500	1,000
30-39	3,000	2,000	3,000	2,000	S	1,000
40-49	4,000	1,000	4,000	4,000	S	1,000
50-59	4,000	2,000	4,000	2,000	S	2,000
60+	2,000	1,000	2,000	1,000	S	1,000
Non-S&E precollege/other teachers	23,000	9,000	22,000	14,000	3,000	9,000
<30	6,000	3,000	6,000	4,000	S	2,000
30-39	11,000	5,000	11,000	7,000	500	4,000
40-49	13,000	5,000	12,000	8,000	2,000	5,000
50-59	12,000	5,000	11,000	8,000	1,000	5,000
60+	6,000	2,000	6,000	4,000	2,000	2,000
Sales/marketing occupations	32,000	13,000	6,000	31,000	5,000	16,000
<30	8,000	3,000	2,000	8,000	1,000	3,000
30-39	19,000	8,000	4,000	19,000	3,000	8,000
40-49	16,000	6,000	3,000	16,000	4,000	7,000
50-59	17,000	5,000	2,000	16,000	2,000	9,000
60+	10,000	4,000	2,000	10,000	1,000	5,000
Social services/related occupations	18,000	6,000	9,000	13,000	3,000	16,000
<30	6,000	2,000	3,000	5,000	1,000	6,000
30-39	10,000	4,000	5,000	7,000	1,000	9,000
40-49	9,000	2,000	4,000	6,000	1,000	7,000
50-59	10,000	3,000	5,000	7,000	2,000	8,000
60+	5,000	2,000	3,000	4,000	S	5,000

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Other non-S&E occupations	45,000	17,000	13,000	37,000	8,000	31,000
<30	15,000	5,000	4,000	12,000	2,000	10,000
30-39	21,000	8,000	6,000	18,000	2,000	14,000
40-49	24,000	9,000	6,000	20,000	5,000	16,000
50-59	23,000	8,000	7,000	20,000	5,000	16,000
60+	14,000	4,000	4,000	11,000	2,000	10,000
Bachelor's degrees, all occupations	70,000	36,000	31,000	59,000	23,000	47,000
<30	29,000	13,000	9,000	23,000	9,000	17,000
30-39	35,000	20,000	17,000	31,000	13,000	25,000
40-49	38,000	17,000	17,000	35,000	12,000	26,000
50-59	33,000	17,000	14,000	30,000	10,000	21,000
60+	19,000	7,000	8,000	16,000	4,000	13,000
S&E occupations	32,000	23,000	7,000	23,000	18,000	14,000
<30	10,000	8,000	3,000	7,000	8,000	4,000
30-39	18,000	14,000	4,000	14,000	12,000	8,000
40-49	16,000	11,000	3,000	13,000	11,000	8,000
50-59	14,000	9,000	3,000	12,000	7,000	7,000
60+	7,000	4,000	2,000	5,000	4,000	4,000
Scientists	26,000	20,000	7,000	18,000	18,000	11,000
<30	9,000	8,000	3,000	6,000	8,000	4,000
30-39	17,000	12,000	4,000	12,000	12,000	6,000
40-49	14,000	9,000	3,000	10,000	10,000	6,000
50-59	11,000	8,000	3,000	9,000	7,000	6,000
60+	4,000	3,000	2,000	3,000	3,000	2,000
Biological/agricultural/other life scientists	9,000	7,000	3,000	7,000	2,000	5,000
<30	4,000	4,000	2,000	2,000	500	2,000
30-39	5,000	4,000	2,000	3,000	1,000	2,000
40-49	5,000	3,000	1,000	4,000	1,000	3,000
50-59	5,000	3,000	1,000	3,000	1,000	3,000
60+	1,000	1,000	S	1,000	S	1,000
Agricultural/food scientists	4,000	3,000	500	4,000	S	3,000
<30	1,000	1,000	S	1,000	S	1,000
30-39	1,000	1,000	S	1,000	S	1,000
40-49	3,000	2,000	S	3,000	S	2,000
50-59	2,000	1,000	S	2,000	S	1,000
60+	1,000	S	S	1,000	S	S
Biological/medical scientists	8,000	7,000	2,000	5,000	1,000	4,000
<30	4,000	3,000	1,000	2,000	500	2,000
30-39	5,000	4,000	1,000	3,000	S	2,000
40-49	4,000	3,000	1,000	3,000	1,000	2,000
50-59	3,000	2,000	S	2,000	S	2,000
60+	1,000	1,000	S	500	S	1,000
Environmental life scientists	3,000	1,000	1,000	3,000	1,000	2,000
<30	500	500	S	500	S	500
30-39	1,000	500	S	1,000	S	500
40-49	2,000	1,000	S	2,000	S	1,000
50-59	3,000	1,000	S	2,000	S	2,000
60+	500	S	S	500	S	S

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Postsecondary teachers-life/related sciences	2,000	1,000	2,000	1,000	S	500
<30	1,000	1,000	1,000	500	S	S
30-39	S	S	S	S	S	S
40-49	S	S	S	S	S	S
50-59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Computer/mathematical scientists	23,000	16,000	5,000	16,000	18,000	9,000
<30	7,000	6,000	2,000	5,000	8,000	3,000
30-39	15,000	11,000	3,000	10,000	12,000	6,000
40-49	12,000	8,000	2,000	9,000	10,000	5,000
50-59	9,000	6,000	2,000	7,000	7,000	4,000
60+	4,000	2,000	1,000	2,000	3,000	2,000
Computer/information scientists	23,000	15,000	4,000	16,000	18,000	9,000
<30	7,000	5,000	1,000	4,000	8,000	2,000
30-39	14,000	10,000	2,000	10,000	12,000	6,000
40-49	12,000	8,000	2,000	9,000	10,000	5,000
50-59	9,000	5,000	2,000	7,000	7,000	4,000
60+	3,000	2,000	1,000	2,000	3,000	2,000
Mathematical scientists	4,000	3,000	S	3,000	3,000	2,000
<30	1,000	1,000	S	1,000	1,000	500
30-39	3,000	2,000	S	2,000	2,000	S
40-49	2,000	1,000	S	1,000	1,000	S
50-59	2,000	2,000	S	1,000	1,000	1,000
60+	500	S	S	S	S	S
Postsecondary teachers-computer/mathematical sciences	3,000	2,000	2,000	1,000	500	1,000
<30	1,000	500	1,000	500	S	1,000
30-39	2,000	S	2,000	S	S	S
40-49	1,000	S	1,000	S	S	S
50-59	1,000	S	1,000	S	S	S
60+	1,000	S	1,000	S	S	S
Physical/related scientists	7,000	5,000	2,000	5,000	1,000	4,000
<30	3,000	2,000	1,000	2,000	1,000	1,000
30-39	3,000	3,000	500	3,000	500	2,000
40-49	4,000	3,000	2,000	3,000	1,000	3,000
50-59	3,000	3,000	2,000	3,000	500	2,000
60+	1,000	1,000	S	1,000	S	500
Chemists, except biochemists	5,000	4,000	1,000	4,000	1,000	3,000
<30	2,000	2,000	500	1,000	500	1,000
30-39	3,000	2,000	S	2,000	S	2,000
40-49	3,000	2,000	S	2,000	S	2,000
50-59	2,000	2,000	S	2,000	S	1,000
60+	1,000	1,000	S	1,000	S	500
Earth/atmospheric/ocean scientists	3,000	3,000	500	2,000	1,000	2,000
<30	1,000	1,000	*	500	*	500
30-39	2,000	2,000	S	1,000	S	1,000
40-49	2,000	1,000	S	1,000	S	2,000
50-59	2,000	2,000	S	1,000	S	1,000
60+	500	500	S	S	S	S

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Physicists/astronomers	1,000	1,000	*	500	500	500
<30	500	500	*	S	500	*
30-39	1,000	1,000	S	S	S	S
40-49	500	S	S	S	S	S
50-59	500	500	S	S	S	S
60+	S	S	S	S	S	S
Postsecondary teachers-physical/related sciences	2,000	1,000	2,000	1,000	S	1,000
<30	1,000	500	1,000	500	S	500
30-39	500	*	500	*	S	S
40-49	S	S	S	S	S	S
50-59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Other physical/related scientists	3,000	2,000	S	3,000	1,000	2,000
<30	1,000	1,000	S	1,000	*	1,000
30-39	2,000	1,000	S	1,000	S	1,000
40-49	2,000	1,000	S	1,000	S	1,000
50-59	2,000	1,000	S	2,000	S	1,000
60+	S	S	S	S	S	S
Social/related scientists	7,000	5,000	3,000	5,000	1,000	4,000
<30	4,000	3,000	1,000	2,000	1,000	2,000
30-39	5,000	2,000	2,000	4,000	S	2,000
40-49	3,000	2,000	S	2,000	S	2,000
50-59	3,000	2,000	S	2,000	S	2,000
60+	1,000	500	S	1,000	S	1,000
Economists	2,000	1,000	S	1,000	500	1,000
<30	1,000	1,000	S	1,000	500	S
30-39	S	S	S	S	S	S
40-49	1,000	S	S	S	S	S
50-59	1,000	S	S	S	S	S
60+	S	S	S	S	S	S
Political/related scientists	2,000	2,000	S	2,000	S	1,000
<30	2,000	2,000	S	1,000	S	1,000
30-39	S	S	S	S	S	S
40-49	S	S	S	S	S	S
50-59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Postsecondary teachers-social/related sciences	3,000	1,000	3,000	1,000	S	S
<30	1,000	1,000	1,000	S	S	S
30-39	S	S	S	S	S	S
40-49	S	S	S	S	S	S
50-59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Psychologists	3,000	2,000	1,000	1,000	S	2,000
<30	2,000	2,000	1,000	1,000	S	1,000
30-39	1,000	S	S	1,000	S	1,000
40-49	2,000	S	S	S	S	1,000
50-59	S	S	S	S	S	S
60+	S	S	S	S	S	S

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Sociologists/anthropologists	2,000	2,000	S	1,000	S	1,000
<30	1,000	1,000	S	1,000	S	S
30-39	1,000	1,000	S	S	S	S
40-49	S	S	S	S	S	S
50-59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Other social/related scientists	5,000	3,000	S	5,000	1,000	3,000
<30	1,000	1,000	S	1,000	S	1,000
30-39	3,000	2,000	S	3,000	S	2,000
40-49	2,000	1,000	S	2,000	S	1,000
50-59	3,000	2,000	S	2,000	S	2,000
60+	1,000	S	S	1,000	S	1,000
Engineers	16,000	13,000	3,000	13,000	6,000	8,000
<30	4,000	4,000	1,000	3,000	1,000	2,000
30-39	8,000	7,000	1,000	7,000	3,000	5,000
40-49	10,000	7,000	1,000	9,000	3,000	4,000
50-59	8,000	5,000	2,000	7,000	2,000	4,000
60+	5,000	4,000	1,000	4,000	1,000	4,000
Aerospace/aeronautical/astronautical engineers	4,000	3,000	500	3,000	2,000	2,000
<30	1,000	1,000	*	500	500	500
30-39	2,000	1,000	S	1,000	2,000	2,000
40-49	2,000	2,000	S	2,000	1,000	1,000
50-59	2,000	2,000	S	2,000	1,000	1,000
60+	1,000	1,000	S	1,000	S	1,000
Chemical engineers	3,000	3,000	1,000	3,000	1,000	2,000
<30	1,000	1,000	S	1,000	500	500
30-39	2,000	2,000	S	1,000	S	1,000
40-49	2,000	1,000	S	2,000	S	1,000
50-59	1,000	1,000	S	1,000	S	1,000
60+	1,000	1,000	S	500	S	1,000
Civil/architectural/sanitary engineers	6,000	4,000	500	6,000	2,000	3,000
<30	2,000	1,000	S	1,000	500	1,000
30-39	4,000	2,000	S	3,000	1,000	2,000
40-49	3,000	2,000	S	3,000	1,000	1,000
50-59	3,000	2,000	S	3,000	1,000	2,000
60+	2,000	1,000	S	2,000	S	1,000
Electrical/computer hardware engineers	7,000	6,000	1,000	5,000	3,000	3,000
<30	2,000	2,000	500	1,000	1,000	1,000
30-39	4,000	3,000	S	3,000	2,000	2,000
40-49	4,000	4,000	500	3,000	2,000	2,000
50-59	3,000	2,000	S	3,000	1,000	1,000
60+	2,000	2,000	S	1,000	1,000	1,000
Industrial engineers	5,000	4,000	500	4,000	2,000	2,000
<30	1,000	1,000	S	1,000	500	500
30-39	3,000	3,000	S	3,000	1,000	1,000
40-49	3,000	2,000	S	3,000	1,000	1,000
50-59	2,000	1,000	S	2,000	S	1,000
60+	1,000	1,000	S	S	S	S

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Mechanical engineers	6,000	5,000	1,000	5,000	1,000	3,000
<30	2,000	2,000	S	1,000	500	1,000
30-39	4,000	4,000	S	3,000	1,000	2,000
40-49	4,000	3,000	S	4,000	1,000	2,000
50-59	3,000	3,000	S	3,000	1,000	1,000
60+	2,000	2,000	S	2,000	500	1,000
Postsecondary teachers-engineering	1,000	1,000	1,000	1,000	500	*
<30	500	500	500	500	*	*
30-39	S	S	S	S	S	S
40-49	500	S	S	S	S	S
50-59	1,000	S	1,000	S	S	S
60+	500	S	500	S	S	S
Other engineers	9,000	6,000	2,000	8,000	3,000	5,000
<30	2,000	2,000	500	2,000	500	1,000
30-39	4,000	3,000	1,000	3,000	2,000	3,000
40-49	6,000	4,000	1,000	5,000	2,000	3,000
50-59	4,000	3,000	1,000	3,000	1,000	2,000
60+	3,000	2,000	S	2,000	S	2,000
S&E-related occupations	35,000	18,000	22,000	28,000	10,000	27,000
<30	12,000	6,000	6,000	7,000	3,000	10,000
30-39	18,000	11,000	11,000	15,000	5,000	16,000
40-49	20,000	10,000	13,000	18,000	6,000	16,000
50-59	19,000	8,000	11,000	15,000	6,000	13,000
60+	9,000	4,000	6,000	7,000	2,000	8,000
Health-related occupations	29,000	12,000	17,000	22,000	5,000	26,000
<30	10,000	4,000	5,000	6,000	1,000	10,000
30-39	17,000	8,000	10,000	12,000	2,000	15,000
40-49	16,000	6,000	10,000	14,000	3,000	15,000
50-59	15,000	5,000	8,000	11,000	4,000	13,000
60+	7,000	3,000	4,000	5,000	S	7,000
S&E managers	10,000	5,000	1,000	10,000	4,000	4,000
<30	2,000	2,000	S	2,000	S	500
30-39	5,000	3,000	S	4,000	2,000	2,000
40-49	6,000	3,000	S	6,000	2,000	2,000
50-59	6,000	2,000	S	6,000	2,000	2,000
60+	7,000	3,000	S	5,000	S	7,000
S&E precollege teachers	12,000	6,000	12,000	8,000	3,000	4,000
<30	4,000	2,000	4,000	3,000	1,000	2,000
30-39	8,000	4,000	7,000	5,000	1,000	2,000
40-49	7,000	3,000	7,000	4,000	2,000	1,000
50-59	6,000	2,000	6,000	4,000	1,000	2,000
60+	4,000	2,000	4,000	3,000	S	2,000
S&E technicians/technologists	11,000	9,000	1,000	8,000	6,000	7,000
<30	4,000	3,000	500	2,000	2,000	2,000
30-39	6,000	4,000	S	4,000	3,000	3,000
40-49	7,000	5,000	1,000	5,000	3,000	4,000
50-59	7,000	4,000	1,000	4,000	4,000	4,000
60+	2,000	2,000	S	2,000	1,000	2,000

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Other S&E-related occupations	8,000	7,000	S	8,000	3,000	5,000
<30	2,000	2,000	S	1,000	1,000	500
30-39	5,000	3,000	S	4,000	2,000	3,000
40-49	5,000	4,000	S	4,000	1,000	4,000
50-59	4,000	3,000	S	4,000	2,000	3,000
60+	2,000	2,000	S	2,000	S	2,000
Non-S&E occupations	61,000	23,000	23,000	53,000	11,000	33,000
<30	20,000	8,000	6,000	18,000	3,000	11,000
30-39	32,000	12,000	13,000	28,000	4,000	17,000
40-49	33,000	11,000	11,000	31,000	6,000	20,000
50-59	28,000	11,000	10,000	26,000	6,000	17,000
60+	16,000	5,000	5,000	14,000	2,000	10,000
Art/humanities/related occupations	11,000	6,000	3,000	10,000	2,000	7,000
<30	3,000	2,000	1,000	3,000	S	3,000
30-39	6,000	4,000	S	5,000	S	4,000
40-49	6,000	3,000	S	6,000	S	4,000
50-59	6,000	3,000	S	5,000	S	4,000
60+	3,000	S	S	3,000	S	3,000
Management-related occupations	25,000	9,000	5,000	24,000	5,000	13,000
<30	7,000	3,000	1,000	7,000	2,000	3,000
30-39	14,000	5,000	3,000	14,000	3,000	8,000
40-49	12,000	4,000	2,000	12,000	3,000	7,000
50-59	13,000	5,000	2,000	12,000	2,000	6,000
60+	7,000	2,000	S	6,000	S	4,000
Non-S&E managers	19,000	6,000	2,000	19,000	4,000	9,000
<30	2,000	1,000	S	2,000	S	1,000
30-39	9,000	4,000	S	8,000	2,000	4,000
40-49	12,000	4,000	S	12,000	2,000	6,000
50-59	11,000	3,000	1,000	11,000	3,000	5,000
60+	6,000	2,000	S	6,000	S	3,000
Non-S&E postsecondary teachers	4,000	2,000	3,000	2,000	S	2,000
<30	2,000	1,000	2,000	1,000	S	500
30-39	1,000	S	1,000	500	S	S
40-49	2,000	S	2,000	2,000	S	S
50-59	2,000	1,000	2,000	1,000	S	S
60+	1,000	S	1,000	S	S	S
Non-S&E precollege/other teachers	18,000	7,000	17,000	10,000	2,000	6,000
<30	5,000	3,000	5,000	3,000	S	2,000
30-39	8,000	4,000	8,000	5,000	S	3,000
40-49	9,000	4,000	9,000	6,000	2,000	4,000
50-59	9,000	4,000	8,000	6,000	S	3,000
60+	4,000	S	3,000	1,000	S	2,000
Sales/marketing occupations	29,000	12,000	5,000	28,000	4,000	12,000
<30	8,000	3,000	2,000	8,000	1,000	3,000
30-39	17,000	7,000	4,000	17,000	2,000	6,000
40-49	14,000	6,000	2,000	14,000	4,000	6,000
50-59	14,000	5,000	1,000	14,000	2,000	7,000
60+	8,000	3,000	S	8,000	S	3,000

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Social services/related occupations	12,000	4,000	5,000	9,000	2,000	10,000
<30	5,000	2,000	2,000	4,000	1,000	5,000
30-39	7,000	3,000	3,000	6,000	S	6,000
40-49	6,000	1,000	2,000	5,000	1,000	5,000
50-59	6,000	1,000	2,000	4,000	S	5,000
60+	2,000	S	1,000	2,000	S	2,000
Other non-S&E occupations	36,000	12,000	11,000	30,000	7,000	24,000
<30	14,000	4,000	3,000	11,000	2,000	9,000
30-39	17,000	6,000	6,000	15,000	2,000	11,000
40-49	19,000	7,000	5,000	17,000	4,000	14,000
50-59	19,000	7,000	5,000	17,000	4,000	13,000
60+	11,000	3,000	3,000	9,000	2,000	8,000
Master's degrees, all occupations	46,000	23,000	27,000	42,000	13,000	29,000
<30	11,000	6,000	6,000	7,000	3,000	7,000
30-39	23,000	13,000	13,000	19,000	7,000	14,000
40-49	27,000	12,000	13,000	23,000	8,000	15,000
50-59	26,000	13,000	16,000	23,000	6,000	17,000
60+	18,000	8,000	7,000	14,000	4,000	12,000
S&E occupations	20,000	14,000	6,000	15,000	10,000	10,000
<30	5,000	4,000	1,000	3,000	3,000	2,000
30-39	10,000	7,000	3,000	8,000	6,000	5,000
40-49	10,000	8,000	3,000	9,000	6,000	6,000
50-59	9,000	7,000	3,000	7,000	5,000	5,000
60+	7,000	4,000	3,000	4,000	2,000	3,000
Scientists	17,000	11,000	6,000	12,000	10,000	8,000
<30	4,000	4,000	1,000	3,000	3,000	2,000
30-39	9,000	6,000	3,000	7,000	6,000	4,000
40-49	9,000	7,000	3,000	7,000	5,000	5,000
50-59	8,000	5,000	3,000	5,000	5,000	4,000
60+	5,000	3,000	2,000	3,000	2,000	3,000
Biological/agricultural/other life scientists	5,000	5,000	2,000	3,000	1,000	2,000
<30	2,000	1,000	500	1,000	1,000	1,000
30-39	3,000	2,000	1,000	2,000	500	1,000
40-49	3,000	3,000	1,000	2,000	S	1,000
50-59	3,000	2,000	1,000	2,000	S	1,000
60+	1,000	1,000	500	1,000	S	500
Agricultural/food scientists	2,000	2,000	S	2,000	S	1,000
<30	1,000	500	S	500	S	S
30-39	1,000	1,000	S	500	S	500
40-49	1,000	1,000	S	1,000	S	S
50-59	1,000	1,000	S	1,000	S	S
60+	S	S	S	S	S	S
Biological/medical scientists	4,000	4,000	1,000	3,000	1,000	2,000
<30	1,000	1,000	S	500	1,000	1,000
30-39	2,000	2,000	500	1,000	500	1,000
40-49	3,000	3,000	S	2,000	S	1,000
50-59	2,000	1,000	S	1,000	S	1,000
60+	1,000	1,000	S	1,000	S	500

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Environmental life scientists	2,000	1,000	S	2,000	S	1,000
<30	*	S	S	*	S	S
30-39	1,000	1,000	S	1,000	S	S
40-49	500	S	S	S	S	S
50-59	2,000	1,000	S	1,000	S	1,000
60+	S	S	S	S	S	S
Postsecondary teachers-life/related sciences	2,000	1,000	2,000	1,000	S	*
<30	500	500	500	S	S	S
30-39	1,000	500	1,000	S	S	S
40-49	1,000	500	1,000	S	S	S
50-59	1,000	S	1,000	500	S	S
60+	500	S	500	S	S	S
Computer/mathematical scientists	13,000	9,000	4,000	11,000	10,000	5,000
<30	3,000	3,000	1,000	2,000	3,000	1,000
30-39	8,000	5,000	2,000	6,000	6,000	2,000
40-49	7,000	5,000	1,000	6,000	5,000	3,000
50-59	6,000	4,000	2,000	5,000	5,000	2,000
60+	3,000	2,000	2,000	2,000	2,000	2,000
Computer/information scientists	13,000	8,000	2,000	10,000	10,000	4,000
<30	3,000	2,000	*	2,000	3,000	1,000
30-39	7,000	4,000	1,000	6,000	6,000	2,000
40-49	7,000	5,000	1,000	6,000	5,000	3,000
50-59	6,000	4,000	1,000	4,000	5,000	2,000
60+	3,000	1,000	S	2,000	2,000	1,000
Mathematical scientists	4,000	3,000	1,000	2,000	2,000	1,000
<30	1,000	1,000	*	500	1,000	500
30-39	2,000	2,000	S	1,000	1,000	500
40-49	2,000	2,000	S	2,000	1,000	S
50-59	1,000	1,000	S	1,000	1,000	S
60+	1,000	1,000	S	S	S	S
Postsecondary teachers-computer/mathematical sciences	3,000	1,000	3,000	1,000	1,000	1,000
<30	1,000	1,000	1,000	*	S	S
30-39	2,000	1,000	1,000	1,000	1,000	1,000
40-49	1,000	1,000	1,000	1,000	500	500
50-59	1,000	1,000	1,000	1,000	500	500
60+	2,000	500	1,000	1,000	S	1,000
Physical/related scientists	4,000	3,000	2,000	3,000	1,000	2,000
<30	1,000	1,000	500	1,000	500	500
30-39	1,000	1,000	1,000	1,000	1,000	1,000
40-49	2,000	2,000	1,000	2,000	500	1,000
50-59	2,000	2,000	1,000	1,000	1,000	1,000
60+	2,000	2,000	1,000	1,000	S	1,000
Chemists, except biochemists	3,000	2,000	500	2,000	S	1,000
<30	1,000	1,000	S	S	S	500
30-39	1,000	1,000	S	500	S	1,000
40-49	1,000	1,000	S	1,000	S	500
50-59	1,000	1,000	S	1,000	S	500
60+	1,000	1,000	S	500	S	S

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Earth/atmospheric/ocean scientists	2,000	2,000	500	2,000	1,000	2,000
<30	500	500	S	500	*	500
30-39	1,000	1,000	S	1,000	1,000	500
40-49	2,000	1,000	S	1,000	500	1,000
50-59	1,000	1,000	S	1,000	S	1,000
60+	1,000	1,000	S	500	S	S
Physicists/astronomers	1,000	1,000	*	500	500	500
<30	500	500	S	S	500	S
30-39	500	500	S	*	*	500
40-49	500	500	S	S	S	S
50-59	500	500	S	S	S	S
60+	S	S	S	S	S	S
Postsecondary teachers-physical/related sciences	2,000	1,000	2,000	1,000	S	S
<30	500	500	500	S	S	S
30-39	1,000	500	1,000	500	S	S
40-49	1,000	S	1,000	S	S	S
50-59	1,000	S	1,000	1,000	S	S
60+	1,000	S	1,000	S	S	S
Other physical/related scientists	2,000	1,000	S	1,000	S	1,000
<30	500	500	S	S	S	S
30-39	1,000	500	S	500	S	500
40-49	1,000	1,000	S	1,000	S	S
50-59	1,000	1,000	S	S	S	S
60+	S	S	S	S	S	S
Social/related scientists	9,000	6,000	3,000	6,000	2,000	6,000
<30	2,000	2,000	1,000	1,000	500	1,000
30-39	5,000	3,000	2,000	3,000	1,000	3,000
40-49	5,000	3,000	2,000	4,000	2,000	3,000
50-59	4,000	3,000	1,000	3,000	1,000	3,000
60+	2,000	1,000	1,000	1,000	S	2,000
Economists	3,000	2,000	S	2,000	2,000	2,000
<30	1,000	500	S	1,000	S	S
30-39	1,000	1,000	S	1,000	S	1,000
40-49	2,000	2,000	S	1,000	S	1,000
50-59	1,000	1,000	S	1,000	S	1,000
60+	500	S	S	S	S	S
Political/related scientists	2,000	2,000	S	2,000	S	1,000
<30	500	500	S	S	S	S
30-39	1,000	1,000	S	500	S	S
40-49	S	S	S	S	S	S
50-59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Postsecondary teachers-social/related sciences	3,000	2,000	3,000	2,000	S	1,000
<30	1,000	1,000	1,000	500	S	500
30-39	2,000	1,000	2,000	1,000	S	*
40-49	1,000	1,000	1,000	1,000	S	S
50-59	1,000	1,000	1,000	1,000	S	1,000
60+	1,000	1,000	1,000	S	S	S

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Psychologists	5,000	3,000	2,000	3,000	500	5,000
<30	2,000	1,000	500	1,000	S	1,000
30-39	3,000	2,000	1,000	2,000	S	2,000
40-49	2,000	1,000	500	1,000	S	2,000
50-59	3,000	1,000	1,000	2,000	S	3,000
60+	1,000	1,000	1,000	1,000	S	1,000
Sociologists/anthropologists	2,000	2,000	500	1,000	S	500
<30	500	500	S	S	S	S
30-39	1,000	1,000	S	500	S	S
40-49	1,000	1,000	S	S	S	S
50-59	1,000	1,000	S	500	S	S
60+	500	S	S	S	S	S
Other social/related scientists	4,000	3,000	S	4,000	1,000	3,000
<30	1,000	1,000	S	1,000	500	500
30-39	2,000	1,000	S	2,000	S	2,000
40-49	2,000	1,000	S	2,000	S	1,000
50-59	2,000	2,000	S	2,000	S	1,000
60+	1,000	S	S	1,000	S	S
Engineers	10,000	8,000	2,000	8,000	3,000	5,000
<30	2,000	2,000	1,000	1,000	1,000	1,000
30-39	5,000	4,000	1,000	4,000	2,000	2,000
40-49	5,000	4,000	1,000	5,000	2,000	3,000
50-59	5,000	4,000	1,000	5,000	1,000	3,000
60+	4,000	3,000	1,000	3,000	1,000	1,000
Aerospace/aeronautical/astronautical engineers	2,000	2,000	500	2,000	1,000	1,000
<30	500	500	S	500	500	*
30-39	1,000	1,000	S	1,000	500	500
40-49	2,000	1,000	S	1,000	500	1,000
50-59	1,000	1,000	S	1,000	500	S
60+	1,000	1,000	S	1,000	S	S
Chemical engineers	2,000	2,000	S	1,000	1,000	1,000
<30	500	500	S	500	S	500
30-39	1,000	1,000	S	1,000	S	500
40-49	1,000	1,000	S	1,000	S	1,000
50-59	1,000	1,000	S	1,000	S	500
60+	500	500	S	S	S	S
Civil/architectural/sanitary engineers	4,000	3,000	*	4,000	1,000	2,000
<30	1,000	1,000	S	1,000	500	500
30-39	2,000	2,000	S	2,000	500	1,000
40-49	2,000	1,000	S	2,000	S	1,000
50-59	2,000	2,000	S	2,000	S	1,000
60+	1,000	1,000	S	1,000	500	1,000
Electrical/computer hardware engineers	5,000	4,000	1,000	4,000	2,000	2,000
<30	1,000	1,000	S	1,000	1,000	1,000
30-39	3,000	3,000	S	2,000	1,000	1,000
40-49	3,000	2,000	S	2,000	1,000	1,000
50-59	3,000	2,000	S	2,000	1,000	1,000
60+	2,000	1,000	S	1,000	1,000	1,000

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Industrial engineers	3,000	2,000	1,000	2,000	500	2,000
<30	500	500	S	500	500	*
30-39	1,000	1,000	S	1,000	*	1,000
40-49	2,000	2,000	S	1,000	S	1,000
50-59	1,000	1,000	S	1,000	S	S
60+	1,000	500	S	1,000	S	S
Mechanical engineers	4,000	3,000	500	3,000	1,000	1,000
<30	1,000	1,000	S	500	500	500
30-39	2,000	2,000	S	1,000	1,000	1,000
40-49	2,000	2,000	S	2,000	500	1,000
50-59	2,000	2,000	S	2,000	500	1,000
60+	2,000	1,000	S	2,000	S	1,000
Postsecondary teachers-engineering	1,000	1,000	1,000	500	*	1,000
<30	500	500	500	S	S	S
30-39	1,000	S	1,000	S	S	S
40-49	1,000	1,000	1,000	S	S	S
50-59	500	S	500	S	S	S
60+	1,000	500	1,000	S	S	S
Other engineers	5,000	3,000	500	5,000	1,000	3,000
<30	1,000	1,000	S	500	500	500
30-39	2,000	2,000	*	2,000	500	1,000
40-49	3,000	1,000	S	3,000	1,000	2,000
50-59	3,000	2,000	S	2,000	500	2,000
60+	2,000	1,000	S	1,000	S	500
S&E-related occupations	24,000	11,000	18,000	16,000	5,000	16,000
<30	6,000	3,000	4,000	3,000	1,000	5,000
30-39	12,000	6,000	10,000	8,000	3,000	8,000
40-49	13,000	6,000	9,000	10,000	3,000	9,000
50-59	13,000	6,000	9,000	9,000	3,000	9,000
60+	8,000	3,000	5,000	5,000	1,000	5,000
Health-related occupations	15,000	7,000	10,000	11,000	2,000	15,000
<30	5,000	2,000	2,000	2,000	S	5,000
30-39	8,000	4,000	5,000	6,000	S	7,000
40-49	9,000	4,000	5,000	6,000	1,000	9,000
50-59	9,000	4,000	6,000	6,000	2,000	8,000
60+	5,000	1,000	3,000	4,000	S	5,000
S&E managers	8,000	4,000	S	8,000	3,000	3,000
<30	1,000	1,000	S	1,000	S	S
30-39	3,000	2,000	S	3,000	2,000	2,000
40-49	4,000	2,000	S	4,000	2,000	2,000
50-59	5,000	2,000	S	5,000	1,000	2,000
60+	5,000	S	S	4,000	S	S
S&E precollege teachers	14,000	6,000	14,000	8,000	2,000	4,000
<30	3,000	2,000	3,000	2,000	S	2,000
30-39	8,000	3,000	8,000	4,000	1,000	2,000
40-49	7,000	3,000	7,000	5,000	S	1,000
50-59	7,000	4,000	7,000	4,000	2,000	2,000
60+	4,000	2,000	4,000	3,000	S	2,000

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
S&E technicians/technologists	5,000	3,000	1,000	3,000	3,000	2,000
<30	1,000	1,000	S	500	1,000	500
30-39	2,000	2,000	S	2,000	2,000	1,000
40-49	2,000	1,000	S	2,000	2,000	1,000
50-59	2,000	2,000	S	1,000	1,000	1,000
60+	2,000	1,000	S	2,000	1,000	1,000
Other S&E-related occupations	5,000	5,000	S	4,000	1,000	3,000
<30	1,000	500	S	S	S	S
30-39	3,000	3,000	S	3,000	S	2,000
40-49	2,000	2,000	S	2,000	S	2,000
50-59	2,000	2,000	S	2,000	S	2,000
60+	2,000	2,000	S	1,000	S	2,000
Non-S&E occupations	41,000	17,000	19,000	37,000	6,000	25,000
<30	8,000	4,000	5,000	6,000	1,000	5,000
30-39	18,000	9,000	9,000	16,000	3,000	11,000
40-49	22,000	8,000	10,000	19,000	4,000	11,000
50-59	21,000	9,000	11,000	20,000	3,000	13,000
60+	15,000	6,000	5,000	13,000	3,000	10,000
Art/humanities/related occupations	8,000	5,000	2,000	6,000	1,000	5,000
<30	1,000	1,000	S	1,000	S	1,000
30-39	4,000	2,000	S	3,000	S	3,000
40-49	4,000	3,000	S	3,000	S	3,000
50-59	3,000	2,000	S	3,000	S	2,000
60+	3,000	1,000	S	2,000	S	3,000
Management-related occupations	17,000	8,000	3,000	16,000	4,000	9,000
<30	3,000	2,000	500	3,000	1,000	2,000
30-39	9,000	4,000	1,000	9,000	2,000	4,000
40-49	10,000	5,000	1,000	9,000	3,000	4,000
50-59	9,000	4,000	2,000	9,000	1,000	5,000
60+	6,000	2,000	S	5,000	S	4,000
Non-S&E managers	18,000	5,000	4,000	18,000	3,000	7,000
<30	2,000	S	S	2,000	S	500
30-39	7,000	2,000	1,000	7,000	1,000	3,000
40-49	10,000	3,000	1,000	10,000	1,000	3,000
50-59	10,000	4,000	3,000	10,000	2,000	4,000
60+	5,000	2,000	S	5,000	S	3,000
Non-S&E postsecondary teachers	5,000	3,000	4,000	3,000	S	2,000
<30	1,000	1,000	1,000	500	S	1,000
30-39	2,000	2,000	2,000	1,000	S	1,000
40-49	3,000	1,000	3,000	2,000	S	1,000
50-59	3,000	2,000	3,000	2,000	S	1,000
60+	1,000	1,000	1,000	1,000	S	1,000
Non-S&E precollege/other teachers	15,000	6,000	15,000	10,000	2,000	6,000
<30	4,000	2,000	4,000	3,000	S	1,000
30-39	8,000	3,000	8,000	5,000	S	3,000
40-49	8,000	3,000	7,000	5,000	S	3,000
50-59	9,000	3,000	8,000	6,000	1,000	4,000
60+	5,000	2,000	5,000	4,000	S	2,000

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Sales/marketing occupations	15,000	5,000	2,000	14,000	2,000	8,000
<30	2,000	1,000	S	2,000	S	1,000
30-39	7,000	3,000	S	7,000	2,000	4,000
40-49	6,000	2,000	1,000	6,000	1,000	3,000
50-59	8,000	3,000	2,000	8,000	1,000	5,000
60+	7,000	2,000	S	6,000	S	4,000
Social services/related occupations	13,000	4,000	7,000	10,000	2,000	11,000
<30	4,000	1,000	1,000	2,000	S	4,000
30-39	7,000	3,000	4,000	5,000	S	7,000
40-49	6,000	2,000	4,000	4,000	S	6,000
50-59	8,000	2,000	5,000	6,000	S	7,000
60+	4,000	1,000	2,000	3,000	S	4,000
Other non-S&E occupations	18,000	7,000	6,000	15,000	3,000	11,000
<30	3,000	2,000	2,000	3,000	500	2,000
30-39	9,000	4,000	2,000	7,000	1,000	6,000
40-49	10,000	4,000	3,000	8,000	2,000	6,000
50-59	9,000	4,000	4,000	7,000	1,000	6,000
60+	7,000	3,000	2,000	6,000	S	5,000
Doctorate degrees, all occupations	9,000	6,000	5,000	7,000	2,000	5,000
<30	2,000	1,000	1,000	1,000	1,000	1,000
30-39	4,000	3,000	2,000	3,000	1,000	2,000
40-49	4,000	3,000	2,000	3,000	1,000	2,000
50-59	6,000	4,000	3,000	5,000	1,000	3,000
60+	4,000	2,000	3,000	3,000	1,000	3,000
S&E occupations	5,000	5,000	3,000	3,000	2,000	2,000
<30	2,000	1,000	1,000	1,000	1,000	500
30-39	3,000	2,000	1,000	1,000	1,000	1,000
40-49	3,000	3,000	2,000	2,000	1,000	1,000
50-59	2,000	2,000	2,000	2,000	1,000	1,000
60+	2,000	2,000	1,000	1,000	1,000	1,000
Scientists	5,000	4,000	3,000	3,000	2,000	2,000
<30	1,000	1,000	1,000	1,000	1,000	500
30-39	2,000	2,000	1,000	1,000	1,000	1,000
40-49	3,000	2,000	2,000	1,000	1,000	1,000
50-59	2,000	2,000	1,000	2,000	1,000	1,000
60+	2,000	1,000	1,000	1,000	500	1,000
Biological/agricultural/other life scientists	3,000	3,000	1,000	2,000	1,000	1,000
<30	1,000	1,000	*	500	500	*
30-39	1,000	1,000	1,000	1,000	1,000	500
40-49	2,000	2,000	1,000	1,000	500	1,000
50-59	1,000	1,000	1,000	1,000	*	500
60+	1,000	1,000	1,000	1,000	*	500
Agricultural/food scientists	1,000	1,000	*	500	*	500
<30	S	S	S	S	S	S
30-39	500	500	S	500	S	*
40-49	500	500	S	500	S	500
50-59	500	500	S	500	S	500
60+	500	500	S	500	S	*

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Biological/medical scientists	2,000	2,000	1,000	1,000	1,000	1,000
<30	1,000	1,000	S	500	500	*
30-39	1,000	1,000	500	1,000	1,000	500
40-49	1,000	1,000	500	1,000	500	1,000
50-59	1,000	1,000	500	1,000	*	500
60+	1,000	1,000	500	500	*	500
Environmental life scientists	500	500	S	500	*	*
<30	S	S	S	S	S	S
30-39	*	*	S	*	S	S
40-49	500	*	S	*	S	*
50-59	500	*	S	*	S	S
60+	*	*	S	S	S	S
Postsecondary teachers-life/related sciences	1,000	1,000	1,000	500	*	500
<30	*	*	*	S	S	S
30-39	1,000	1,000	1,000	500	S	500
40-49	1,000	1,000	1,000	500	S	500
50-59	1,000	500	1,000	500	S	500
60+	1,000	500	1,000	500	S	500
Computer/mathematical scientists	3,000	2,000	1,000	2,000	2,000	1,000
<30	1,000	500	500	1,000	1,000	S
30-39	1,000	1,000	1,000	500	1,000	500
40-49	1,000	1,000	1,000	1,000	1,000	500
50-59	1,000	1,000	1,000	1,000	1,000	1,000
60+	1,000	1,000	1,000	1,000	500	500
Computer/information scientists	2,000	1,000	500	1,000	2,000	1,000
<30	1,000	500	S	S	1,000	S
30-39	1,000	1,000	*	500	1,000	500
40-49	1,000	1,000	S	1,000	1,000	500
50-59	1,000	1,000	S	1,000	1,000	500
60+	1,000	1,000	*	1,000	500	500
Mathematical scientists	1,000	1,000	*	500	500	500
<30	500	*	S	S	*	S
30-39	500	500	S	500	500	*
40-49	500	500	S	500	500	*
50-59	500	500	S	500	500	*
60+	500	500	S	*	500	*
Postsecondary teachers-computer/mathematical sciences	2,000	2,000	1,000	500	500	500
<30	500	500	500	S	S	S
30-39	1,000	1,000	1,000	*	*	*
40-49	1,000	1,000	1,000	500	*	500
50-59	1,000	1,000	1,000	500	500	500
60+	500	500	500	500	*	*
Physical/related scientists	2,000	2,000	1,000	1,000	1,000	1,000
<30	1,000	1,000	*	*	500	*
30-39	1,000	1,000	500	1,000	500	500
40-49	1,000	1,000	1,000	1,000	500	500
50-59	1,000	1,000	1,000	1,000	500	500
60+	1,000	1,000	500	500	500	500

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Chemists, except biochemists	1,000	1,000	*	1,000	500	500
<30	500	500	S	*	S	S
30-39	1,000	1,000	S	500	S	500
40-49	1,000	1,000	S	500	S	500
50-59	1,000	1,000	S	500	*	500
60+	500	500	S	500	S	500
Earth/atmospheric/ocean scientists	1,000	500	500	500	500	500
<30	*	*	S	S	S	S
30-39	500	500	S	500	500	*
40-49	500	500	S	500	500	*
50-59	500	500	*	500	500	*
60+	500	500	S	500	*	*
Physicists/astronomers	1,000	1,000	500	500	1,000	500
<30	500	500	S	S	500	S
30-39	500	500	*	500	500	*
40-49	500	500	*	500	500	*
50-59	500	500	*	500	500	*
60+	500	500	S	500	500	*
Postsecondary teachers-physical/related sciences	1,000	1,000	1,000	1,000	500	500
<30	*	*	*	S	S	S
30-39	500	500	500	500	S	*
40-49	1,000	1,000	1,000	500	S	500
50-59	500	500	500	500	S	*
60+	500	500	500	500	*	500
Other physical/related scientists	500	500	S	500	*	500
<30	*	*	S	S	S	S
30-39	500	500	S	*	S	*
40-49	500	500	S	*	S	*
50-59	500	500	S	500	S	*
60+	*	*	S	*	S	S
Social/related scientists	2,000	2,000	2,000	1,000	500	2,000
<30	1,000	1,000	500	1,000	S	500
30-39	1,000	1,000	1,000	500	500	1,000
40-49	1,000	1,000	1,000	1,000	500	1,000
50-59	1,000	1,000	1,000	1,000	500	1,000
60+	1,000	1,000	1,000	1,000	*	1,000
Economists	500	500	*	500	500	500
<30	*	*	S	S	S	S
30-39	500	500	S	500	*	*
40-49	500	500	S	500	*	500
50-59	500	500	S	500	*	500
60+	500	500	S	500	S	*
Political/related scientists	500	500	*	500	S	*
<30	S	S	S	S	S	S
30-39	500	*	S	*	S	S
40-49	*	*	S	*	S	S
50-59	*	*	S	*	S	S
60+	*	*	S	S	S	*

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity					Other
		Research and development	Teaching	Management, sales, administration	Computer applications		
Postsecondary teachers-social/ related sciences	2,000	1,000	2,000	1,000	*	1,000	
<30	500	500	500	S	S	S	
30-39	1,000	1,000	1,000	500	S	500	
40-49	1,000	1,000	1,000	500	S	500	
50-59	1,000	1,000	1,000	1,000	S	500	
60+	1,000	500	1,000	500	S	500	
Psychologists	2,000	1,000	500	1,000	*	1,000	
<30	1,000	1,000	S	1,000	S	500	
30-39	1,000	500	500	500	*	1,000	
40-49	1,000	500	500	500	S	500	
50-59	1,000	500	500	500	S	1,000	
60+	1,000	500	500	500	S	1,000	
Sociologists/anthropologists	500	500	*	500	*	*	
<30	S	S	S	S	S	S	
30-39	500	500	S	*	S	S	
40-49	500	500	S	500	S	S	
50-59	500	500	S	500	S	*	
60+	500	500	S	*	S	*	
Other social/related scientists	1,000	1,000	*	500	500	500	
<30	S	S	S	S	S	S	
30-39	500	500	S	500	*	*	
40-49	500	500	S	500	S	*	
50-59	500	500	S	500	S	500	
60+	500	500	S	*	S	*	
Engineers	2,000	2,000	1,000	1,000	1,000	1,000	
<30	500	500	500	*	*	*	
30-39	1,000	1,000	500	500	500	500	
40-49	1,000	1,000	500	1,000	500	500	
50-59	1,000	1,000	500	1,000	500	500	
60+	1,000	1,000	500	1,000	500	1,000	
Aerospace/aeronautical/astronautical engineers	1,000	1,000	S	500	500	500	
<30	S	S	S	S	S	S	
30-39	500	500	S	*	*	S	
40-49	500	500	S	500	*	S	
50-59	500	500	S	500	*	*	
60+	500	500	S	*	*	*	
Chemical engineers	1,000	1,000	S	500	500	500	
<30	500	*	S	S	S	S	
30-39	500	500	S	500	*	*	
40-49	500	500	S	500	*	*	
50-59	500	500	S	500	*	*	
60+	500	500	S	*	S	*	
Civil/architectural/sanitary engineers	500	500	S	500	500	500	
<30	S	S	S	S	S	S	
30-39	500	500	S	*	*	*	
40-49	500	500	S	500	*	*	
50-59	500	500	S	500	S	*	
60+	500	500	S	500	S	*	

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Electrical/computer hardware engineers	1,000	1,000	S	1,000	500	1,000
<30	500	500	S	S	S	S
30-39	1,000	1,000	S	500	500	500
40-49	500	500	S	500	500	500
50-59	500	500	S	500	500	500
60+	1,000	1,000	S	1,000	*	500
Industrial engineers	1,000	500	S	1,000	S	500
<30	S	S	S	S	S	S
30-39	*	S	S	S	S	S
40-49	1,000	*	S	1,000	S	S
50-59	500	*	S	S	S	S
60+	*	*	S	S	S	S
Mechanical engineers	1,000	1,000	S	500	500	500
<30	*	*	S	S	S	S
30-39	500	500	S	500	*	*
40-49	500	500	S	500	*	*
50-59	500	500	S	500	*	S
60+	500	500	S	*	*	*
Postsecondary teachers-engineering	1,000	1,000	1,000	500	*	500
<30	500	*	500	S	S	S
30-39	500	500	500	500	S	*
40-49	500	500	500	500	*	*
50-59	500	500	500	500	S	*
60+	500	500	500	500	S	*
Other engineers	1,000	1,000	*	1,000	500	500
<30	500	500	S	*	S	S
30-39	1,000	1,000	S	500	500	500
40-49	1,000	1,000	S	500	500	500
50-59	500	500	S	500	*	500
60+	500	500	S	500	*	500
S&E-related occupations	3,000	2,000	3,000	3,000	1,000	2,000
<30	1,000	*	*	500	S	1,000
30-39	2,000	500	2,000	2,000	500	1,000
40-49	1,000	1,000	1,000	1,000	500	1,000
50-59	2,000	1,000	1,000	1,000	500	1,000
60+	2,000	1,000	2,000	1,000	500	1,000
Health-related occupations	2,000	2,000	1,000	1,000	*	2,000
<30	500	*	*	*	S	500
30-39	1,000	500	1,000	1,000	*	1,000
40-49	1,000	1,000	1,000	1,000	*	1,000
50-59	1,000	1,000	1,000	1,000	*	1,000
60+	1,000	500	500	500	S	1,000
S&E managers	1,000	1,000	*	1,000	500	1,000
<30	S	S	S	S	S	S
30-39	500	500	S	500	*	*
40-49	1,000	500	S	1,000	500	500
50-59	1,000	500	S	1,000	500	500
60+	1,000	500	S	500	*	1,000

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
S&E precollege teachers	2,000	500	2,000	2,000	S	1,000
<30	S	S	S	S	S	S
30-39	1,000	S	1,000	1,000	S	S
40-49	500	*	500	500	S	S
50-59	1,000	*	1,000	500	S	1,000
60+	1,000	S	1,000	1,000	S	*
S&E technicians/technologists	500	500	S	500	500	500
<30	S	S	S	S	S	S
30-39	500	500	S	*	*	*
40-49	500	500	S	*	500	S
50-59	500	500	S	*	500	S
60+	500	*	S	S	*	S
Other S&E-related occupations	500	*	S	*	S	S
<30	S	S	S	S	S	S
30-39	S	S	S	S	S	S
40-49	S	S	S	S	S	S
50-59	S	S	S	S	S	S
60+	S	S	S	S	S	S
Non-S&E occupations	7,000	4,000	4,000	6,000	1,000	4,000
<30	500	500	*	*	S	*
30-39	2,000	2,000	1,000	2,000	500	2,000
40-49	3,000	1,000	1,000	2,000	500	2,000
50-59	5,000	3,000	2,000	4,000	1,000	3,000
60+	3,000	2,000	2,000	3,000	1,000	2,000
Art/humanities/related occupations	1,000	1,000	500	500	*	1,000
<30	S	S	S	S	S	S
30-39	500	*	S	500	S	500
40-49	500	500	S	500	S	500
50-59	500	500	S	500	S	500
60+	1,000	500	*	500	S	500
Management-related occupations	3,000	2,000	500	3,000	500	1,000
<30	*	*	S	*	S	*
30-39	1,000	1,000	S	1,000	*	1,000
40-49	1,000	500	*	1,000	*	1,000
50-59	3,000	2,000	*	2,000	*	500
60+	1,000	1,000	*	1,000	S	1,000
Non-S&E managers	3,000	1,000	1,000	3,000	1,000	1,000
<30	S	S	S	S	S	S
30-39	500	500	S	500	S	*
40-49	2,000	1,000	1,000	2,000	*	1,000
50-59	2,000	1,000	1,000	2,000	*	1,000
60+	2,000	500	1,000	2,000	1,000	500
Non-S&E postsecondary teachers	3,000	2,000	3,000	2,000	S	2,000
<30	S	S	S	S	S	S
30-39	2,000	1,000	1,000	1,000	S	500
40-49	1,000	1,000	1,000	1,000	S	500
50-59	2,000	1,000	2,000	1,000	S	1,000
60+	1,000	1,000	1,000	1,000	S	1,000

TABLE A-18. Standard errors for employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2006

Level of highest degree, occupation, and age (years)	Employed scientists and engineers	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, administration	Computer applications	Other
Non-S&E precollege/other teachers	2,000	1,000	2,000	1,000	S	1,000
<30	S	S	S	S	S	S
30-39	*	S	*	S	S	S
40-49	1,000	S	1,000	S	S	S
50-59	1,000	1,000	1,000	1,000	S	*
60+	1,000	S	1,000	S	S	S
Sales/marketing occupations	2,000	1,000	*	2,000	*	1,000
<30	S	S	S	S	S	S
30-39	500	*	S	500	S	*
40-49	1,000	500	S	1,000	S	1,000
50-59	1,000	500	S	1,000	S	1,000
60+	1,000	1,000	S	1,000	S	500
Social services/related occupations	2,000	1,000	2,000	2,000	S	2,000
<30	S	S	S	S	S	S
30-39	1,000	*	1,000	*	S	1,000
40-49	1,000	*	*	1,000	S	1,000
50-59	1,000	500	1,000	1,000	S	1,000
60+	2,000	1,000	1,000	1,000	S	1,000
Other non-S&E occupations	2,000	1,000	1,000	1,000	1,000	2,000
<30	S	S	S	S	S	S
30-39	1,000	1,000	*	1,000	S	1,000
40-49	1,000	500	500	1,000	*	1,000
50-59	1,000	500	500	1,000	S	1,000
60+	1,000	500	1,000	500	S	1,000

\* = 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.

<sup>a</sup> 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 through 2005, 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/occ03maj.html> for a detailed description of the occupational 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.