

TABLE A-15. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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 ^a	1,000	500	1,500	500	500	500
<30	1,000	500	500	500	4,000	500
30-39	500	2,000	2,500	500	2,000	500
40-49	1,500	1,500	1,000	1,500	2,000	2,500
50-59	1,500	2,500	500	1,000	2,500	500
60-75	2,000	2,500	2,500	3,000	3,500	2,500
S&E occupations	500	500	1,500	1,500	1,000	3,000
<30	500	1,000	500	500	1,000	6,000
30-39	1,500	1,000	3,500	500	1,500	1,000
40-49	500	1,500	1,000	1,500	1,000	2,500
50-59	1,500	2,000	1,000	2,000	2,500	2,500
60-75	2,000	1,000	3,500	1,500	3,500	5,000
Science occupations	500	500	1,000	500	3,000	3,000
<30	1,000	2,000	500	500	500	500
30-39	1,500	1,500	3,000	2,000	1,500	2,500
40-49	1,000	1,500	3,000	2,500	1,000	4,500
50-59	1,500	2,000	3,000	2,000	2,500	2,500
60-75	2,000	2,000	2,500	4,000	3,500	4,000
Biological/agricultural/other life scientists	5,000	1,500	2,000	4,000	5,000	1,500
<30	3,500	500	4,000	2,500	11,000	1,500
30-39	2,000	1,500	3,500	3,500	2,000	10,000
40-49	3,000	2,000	3,500	4,000	12,500	3,500
50-59	4,000	3,500	6,500	4,500	22,500	6,000
60-75	5,500	1,000	5,500	8,000	S	7,500
Agricultural/food scientists	4,000	5,000	21,500	5,500	3,500	4,500
<30	3,000	15,500	D	S	D	2,500
30-39	4,000	4,500	D	16,500	D	S
40-49	12,500	6,500	D	14,000	D	3,500
50-59	12,000	15,000	37,500	14,000	D	8,000
60-75	S	18,500	D	S	D	4,000
Biological/medical scientists	1,000	1,500	6,000	3,500	4,000	3,500
<30	500	1,000	1,000	4,500	10,500	10,500
30-39	3,000	1,000	6,500	3,000	3,000	5,500
40-49	3,000	3,000	3,000	5,500	9,500	10,500
50-59	4,500	3,500	S	9,500	4,000	10,000
60-75	1,000	1,000	21,500	7,500	S	14,500
Environmental life scientists	3,000	7,000	5,000	3,500	3,000	4,000
<30	2,000	2,500	D	2,000	D	D
30-39	4,500	11,000	7,000	2,000	D	5,000
40-49	4,000	2,000	D	2,500	D	S
50-59	6,000	9,500	D	6,500	D	18,500
60-75	8,000	D	D	8,000	D	20,500
Postsecondary teachers-life/related sciences	4,500	4,500	2,000	5,000	S	10,500
<30	1,500	1,000	1,500	1,000	D	D
30-39	4,000	4,500	3,500	5,500	D	12,000
40-49	500	5,000	2,000	5,500	D	6,000
50-59	5,000	8,000	5,000	3,000	D	1,500
60-75	6,000	7,500	6,000	6,500	1,500	D

TABLE A-15. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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	500	1,500	3,000	1,000	3,000	2,000
<30	1,000	1,000	3,000	1,000	500	4,500
30-39	2,000	2,000	5,000	3,000	1,500	2,500
40-49	2,000	1,500	4,500	2,500	500	3,500
50-59	1,500	3,000	3,000	2,000	2,500	4,000
60-75	3,000	3,500	6,000	6,500	4,000	11,500
Computer/information scientists	1,500	500	5,000	1,500	1,000	2,000
<30	500	500	4,500	1,000	500	3,000
30-39	1,000	1,500	7,000	2,000	1,500	2,500
40-49	2,000	1,500	8,500	1,500	500	3,500
50-59	2,000	4,000	9,500	2,000	3,000	4,500
60-75	3,000	3,500	S	6,500	3,500	9,000
Mathematical scientists	6,500	3,500	S	3,500	3,500	3,500
<30	1,000	1,000	D	3,000	3,000	4,000
30-39	4,000	6,000	1,500	7,000	11,500	S
40-49	7,500	10,500	34,000	7,500	11,500	4,500
50-59	5,500	6,000	D	4,000	8,500	27,500
60-75	7,500	18,500	D	22,500	17,000	15,500
Postsecondary teachers-computer/mathematical sciences	2,000	2,500	2,000	6,500	15,000	9,500
<30	1,500	2,500	1,000	3,500	D	D
30-39	3,500	6,000	3,500	4,500	D	3,000
40-49	4,500	6,000	4,500	13,500	3,000	S
50-59	2,000	7,500	1,500	3,000	6,500	8,000
60-75	12,500	7,500	11,500	S	4,500	S
Physical/related scientists	2,000	2,500	7,500	3,500	3,500	2,000
<30	6,500	2,000	500	3,000	3,500	3,000
30-39	2,500	2,000	2,000	3,000	7,500	4,000
40-49	4,000	2,500	4,500	4,000	10,000	7,500
50-59	4,000	2,000	3,000	5,000	15,000	6,500
60-75	5,500	6,000	10,000	9,000	11,500	6,500
Chemists, except biochemists	2,000	3,000	9,500	4,000	5,500	4,000
<30	1,000	1,500	1,000	4,500	500	2,500
30-39	3,500	4,500	D	8,000	16,000	5,500
40-49	3,500	5,500	D	10,000	S	9,000
50-59	5,000	2,000	S	10,000	7,000	5,500
60-75	8,500	9,500	20,000	14,500	D	6,500
Earth/atmospheric/ocean scientists	3,000	5,000	1,000	5,000	3,000	6,500
<30	500	1,000	D	3,500	5,500	5,000
30-39	4,000	2,500	D	2,500	11,500	5,500
40-49	7,000	4,000	D	8,000	8,500	15,500
50-59	5,000	7,000	9,000	5,500	16,000	25,000
60-75	11,000	6,500	D	11,000	1,500	32,500
Physicists/astronomers	3,000	8,000	S	4,000	11,000	2,500
<30	3,000	1,000	D	9,000	2,500	S
30-39	8,000	6,500	D	9,000	6,000	7,000
40-49	3,000	6,000	D	3,000	13,500	1,500
50-59	5,500	4,500	8,500	11,500	15,000	9,000
60-75	8,000	9,000	D	14,000	8,500	D

TABLE A-15. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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	3,500	3,000	6,000	6,500	4,500	5,500
<30	500	1,000	1,000	3,500	D	4,000
30-39	1,500	2,000	2,000	6,000	D	2,500
40-49	4,000	5,000	4,000	9,500	D	11,000
50-59	4,500	6,000	5,000	9,500	D	5,500
60-75	9,000	11,000	9,500	3,500	D	22,500
Other physical/related scientists	3,000	6,000	20,000	3,000	23,500	8,500
<30	5,000	6,500	D	5,000	D	2,000
30-39	8,000	6,000	D	5,500	D	4,500
40-49	8,500	14,500	D	12,000	D	13,000
50-59	18,000	11,000	D	21,000	500	2,000
60-75	S	S	D	14,000	D	9,000
Social/related scientists	500	2,500	3,000	2,500	5,000	4,500
<30	2,000	1,500	1,000	2,000	5,000	5,000
30-39	2,000	2,000	3,500	6,000	12,500	3,500
40-49	1,500	4,000	4,000	5,500	12,500	2,000
50-59	4,000	4,000	3,500	6,500	21,500	3,500
60-75	6,000	5,500	5,000	5,500	10,000	2,500
Economists	9,000	9,500	5,000	11,000	5,500	7,500
<30	9,000	4,000	D	D	10,000	20,500
30-39	12,000	19,000	D	31,500	22,500	D
40-49	8,500	13,500	D	25,000	30,500	9,500
50-59	23,500	40,500	D	35,500	7,000	34,000
60-75	21,500	5,000	D	28,000	12,500	56,500
Political/related scientists	17,500	5,500	S	14,500	D	21,500
<30	4,000	6,000	D	7,000	D	D
30-39	17,000	27,000	D	S	D	D
40-49	8,500	18,500	D	7,500	D	D
50-59	S	9,000	D	2,500	D	D
60-75	5,000	47,000	D	D	D	D
Postsecondary teachers-social/related sciences	2,500	3,500	2,000	2,500	S	9,500
<30	1,500	1,000	1,500	1,500	D	D
30-39	3,500	1,000	3,000	12,000	D	2,000
40-49	2,000	4,000	3,000	6,500	D	4,500
50-59	4,000	3,500	4,000	8,000	D	D
60-75	6,500	6,500	7,000	9,000	D	7,500
Psychologists	2,000	7,000	3,000	1,000	1,500	1,000
<30	3,000	3,500	6,500	5,500	D	5,000
30-39	1,500	3,000	24,500	4,000	D	6,500
40-49	3,500	8,000	8,000	3,000	D	4,000
50-59	2,000	5,500	7,500	5,000	10,500	2,500
60-75	1,500	7,500	4,500	5,000	D	2,000
Sociologists/anthropologists	3,000	3,000	S	7,000	10,500	12,000
<30	1,000	500	D	7,000	D	D
30-39	10,500	17,000	D	D	D	D
40-49	3,500	2,500	D	8,000	D	D
50-59	11,000	6,500	D	11,000	D	41,500
60-75	29,000	S	D	1,500	D	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	4,500	5,500	S	5,000	11,000	5,000
<30	4,000	2,000	11,000	2,500	5,500	D
30-39	5,500	8,500	D	4,500	D	1,500
40-49	8,500	15,000	19,500	9,500	11,500	3,500
50-59	7,000	9,000	D	12,500	23,500	22,500
60-75	25,500	53,500	D	30,000	D	S
Engineering occupations	1,000	1,500	3,500	1,500	2,000	2,000
<30	1,000	2,000	11,000	1,500	500	500
30-39	1,000	1,000	7,500	1,500	1,500	500
40-49	1,000	1,500	5,000	1,500	3,500	2,500
50-59	2,000	500	9,000	1,000	2,500	3,500
60-75	3,500	2,500	4,000	3,500	9,500	5,000
Aerospace/aeronautical/astronautical engineers	2,500	3,000	8,500	4,000	6,500	10,000
<30	500	500	8,000	1,500	4,000	4,500
30-39	1,500	2,500	D	2,500	15,000	7,000
40-49	3,500	3,500	D	6,500	7,500	9,000
50-59	5,000	3,000	D	10,000	10,000	13,500
60-75	8,000	10,000	D	12,500	18,500	34,500
Chemical engineers	2,500	3,000	D	2,000	4,000	6,000
<30	3,500	2,500	D	1,000	3,000	5,000
30-39	3,000	2,500	D	2,500	8,000	4,000
40-49	5,000	3,000	D	4,500	2,500	7,500
50-59	7,500	8,000	D	13,000	3,500	6,500
60-75	12,500	17,500	D	9,500	D	6,500
Civil/architectural/sanitary engineers	1,000	2,000	12,000	2,000	5,500	1,000
<30	500	1,000	D	2,000	4,500	1,000
30-39	3,000	2,500	11,500	1,500	3,500	1,500
40-49	3,000	2,500	8,500	1,500	32,500	3,500
50-59	3,000	6,000	D	2,500	5,500	6,000
60-75	2,500	5,500	D	1,500	31,000	19,500
Electrical/computer hardware engineers	1,500	1,500	6,500	2,000	1,000	1,500
<30	500	1,000	D	1,000	500	1,500
30-39	1,500	2,500	11,000	3,500	2,000	8,000
40-49	500	3,000	10,000	500	3,500	4,000
50-59	500	2,000	D	1,000	4,500	8,500
60-75	6,000	6,500	D	8,000	5,500	7,500
Industrial engineers	3,000	3,500	18,000	4,000	3,000	4,000
<30	500	2,500	10,000	1,000	5,000	2,500
30-39	4,000	4,500	D	3,500	3,500	4,000
40-49	3,000	6,500	D	5,000	9,500	7,500
50-59	7,000	9,500	D	7,000	15,000	10,500
60-75	30,500	S	D	30,000	D	24,500
Mechanical engineers	1,000	1,500	2,000	1,500	3,500	3,000
<30	1,500	1,000	13,000	1,000	1,000	1,000
30-39	1,500	1,000	8,500	2,500	5,500	4,000
40-49	1,500	1,500	21,000	1,500	4,000	4,000
50-59	3,000	4,000	2,000	2,500	7,500	6,500
60-75	6,000	8,000	28,500	6,000	D	7,500

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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	5,000	1,000	3,000	6,000	S	13,000
<30	3,000	8,500	3,500	4,000	D	D
30-39	5,500	5,500	4,500	6,500	S	3,500
40-49	5,000	7,500	6,500	12,000	D	11,500
50-59	9,500	2,500	9,500	17,500	D	D
60-75	6,000	4,500	5,000	7,500	22,500	21,500
Other engineers	2,500	2,500	1,000	1,500	6,500	3,000
<30	500	500	5,000	1,500	7,500	500
30-39	500	3,500	14,500	1,000	14,500	5,000
40-49	3,000	4,500	3,500	4,000	4,000	7,000
50-59	3,000	1,500	17,000	3,500	20,500	8,000
60-75	8,000	13,000	14,000	8,000	S	12,000
S&E-related occupations	1,000	1,000	1,500	2,000	4,500	1,500
<30	500	1,500	500	2,000	4,500	1,000
30-39	2,000	1,500	1,500	1,000	4,000	2,000
40-49	2,000	3,500	500	3,500	4,500	2,000
50-59	500	1,500	2,000	1,500	3,000	1,000
60-75	1,500	5,500	4,000	3,500	4,500	3,000
Health occupations	1,000	2,500	500	1,000	1,000	1,500
<30	500	4,000	1,000	500	2,000	3,000
30-39	2,500	4,000	4,000	3,000	2,500	4,000
40-49	1,500	6,500	3,500	4,000	7,500	2,500
50-59	1,500	5,500	2,500	1,500	7,500	1,000
60-75	2,000	10,500	6,000	4,000	17,500	4,500
S&E managers, including health	1,000	2,500	29,500	1,000	6,000	3,500
<30	12,500	15,000	D	12,500	D	22,000
30-39	7,000	7,500	D	5,000	11,000	14,000
40-49	3,500	8,500	22,000	3,000	7,000	6,000
50-59	3,500	5,500	7,000	3,500	9,000	11,000
60-75	3,000	7,000	D	3,500	47,000	18,000
S&E precollege teachers	1,000	1,000	1,000	1,500	9,500	2,500
<30	1,000	1,000	1,000	500	11,500	4,000
30-39	2,000	1,000	2,000	1,500	2,000	4,500
40-49	2,000	1,000	2,000	2,000	14,000	7,000
50-59	1,500	2,500	1,000	1,500	8,500	10,000
60-75	4,000	12,000	3,000	5,000	D	6,000
S&E technicians/technologists	2,500	2,500	16,500	3,000	2,500	2,500
<30	1,500	5,000	2,500	3,000	5,500	1,000
30-39	6,500	2,500	D	9,000	4,500	4,000
40-49	500	2,500	4,000	1,000	3,000	8,000
50-59	3,500	7,500	5,500	4,500	4,000	5,000
60-75	9,000	14,000	D	13,500	5,500	5,000
Other S&E-related occupations	1,000	4,000	D	2,000	5,500	2,000
<30	3,500	1,500	D	14,000	2,000	10,500
30-39	2,500	3,000	D	4,000	31,000	6,000
40-49	3,500	5,000	D	3,000	18,500	4,500
50-59	6,000	13,500	D	5,500	D	12,000
60-75	7,500	8,500	D	12,000	D	9,000

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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	1,500	500	1,500	1,500	2,000	1,500
<30	500	1,000	3,000	500	500	500
30-39	2,500	3,000	1,500	3,000	3,500	1,000
40-49	500	3,500	2,000	2,500	9,500	3,000
50-59	1,500	2,500	2,000	1,500	3,000	2,000
60-75	2,500	4,000	2,000	3,500	9,500	2,500
Arts/humanities/related occupations	7,000	3,500	6,000	3,500	15,500	3,500
<30	2,000	1,500	3,500	2,000	5,000	3,000
30-39	8,000	10,500	D	7,500	S	10,500
40-49	3,500	6,000	9,000	6,500	26,000	8,000
50-59	4,500	11,500	S	4,500	9,000	9,500
60-75	9,500	10,000	4,000	S	D	8,000
Management-related occupations	2,000	3,500	6,500	2,000	6,500	3,500
<30	500	8,500	3,000	500	1,000	3,500
30-39	2,500	5,000	6,000	2,500	7,000	9,500
40-49	3,000	7,000	4,500	3,000	6,500	3,000
50-59	2,500	6,000	10,500	3,000	13,000	7,500
60-75	5,000	17,500	S	5,000	13,500	7,000
Non-S&E managers	2,000	5,500	6,000	2,000	12,500	2,000
<30	10,000	16,500	12,000	11,500	D	3,500
30-39	4,000	6,000	14,000	4,500	19,000	9,000
40-49	3,000	9,500	20,000	3,000	14,500	8,000
50-59	6,000	6,500	8,500	6,500	12,000	10,000
60-75	6,500	23,000	10,500	6,500	19,000	8,000
Non-S&E postsecondary teachers	3,500	2,500	2,000	5,500	3,000	3,500
<30	1,000	1,000	1,500	S	D	4,000
30-39	5,500	4,000	5,500	3,500	D	500
40-49	4,500	4,000	4,500	8,000	D	6,000
50-59	2,000	5,000	1,500	2,500	D	18,500
60-75	4,000	22,000	6,500	S	D	9,000
Non-S&E precollege/other teachers	1,000	1,000	1,000	1,500	5,000	3,000
<30	500	1,500	500	5,500	24,000	3,500
30-39	2,000	2,500	2,000	3,000	6,500	3,000
40-49	2,000	3,000	2,500	2,500	13,000	7,000
50-59	1,500	3,000	1,500	3,500	4,500	3,500
60-75	4,000	7,000	5,000	8,000	D	S
Sales/marketing occupations	3,000	3,000	4,000	3,500	4,500	3,000
<30	3,000	10,500	4,000	2,500	4,000	1,500
30-39	3,000	7,000	4,000	6,500	32,000	4,500
40-49	3,500	5,000	20,500	3,500	7,000	11,500
50-59	4,000	10,000	16,500	4,000	S	6,500
60-75	5,000	13,000	S	4,500	10,500	11,500
Social services/related occupations	1,000	2,000	1,500	2,000	3,500	1,000
<30	500	1,500	2,500	1,000	D	1,500
30-39	1,500	2,000	1,000	1,000	4,000	1,500
40-49	500	3,000	6,000	4,000	8,000	500
50-59	1,000	9,500	3,000	1,500	7,500	2,000
60-75	3,500	4,500	15,000	4,500	D	4,500

TABLE A-15. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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	1,500	500	3,500	1,500	2,500	2,000
<30	500	1,500	7,000	1,000	2,500	2,000
30-39	1,000	5,500	7,500	1,500	2,500	2,500
40-49	3,000	5,500	7,000	3,000	6,000	3,500
50-59	500	3,000	6,000	2,000	7,000	3,500
60-75	2,500	5,000	5,500	3,500	2,000	2,000
Bachelor's degrees, all occupations	500	3,500	2,000	1,000	2,000	1,000
<30	500	500	500	500	4,000	500
30-39	500	500	2,000	1,500	500	2,000
40-49	500	1,000	2,500	1,000	1,500	500
50-59	500	2,500	1,000	1,000	1,500	2,500
60-75	2,500	5,500	3,000	3,000	5,000	1,500
S&E occupations	500	500	4,000	500	500	1,000
<30	500	500	2,500	500	500	500
30-39	1,000	1,000	5,500	2,000	1,000	1,000
40-49	1,500	1,000	8,000	2,000	1,500	2,500
50-59	1,000	2,000	8,000	2,000	1,000	3,500
60-75	2,500	3,500	9,500	3,500	3,500	10,000
Science occupations	500	500	8,000	3,500	500	6,000
<30	500	1,000	3,500	500	500	3,000
30-39	2,000	2,500	9,500	1,500	500	2,000
40-49	1,500	2,500	6,000	2,500	1,500	5,000
50-59	1,500	3,000	10,500	3,000	2,000	2,500
60-75	5,000	7,500	13,500	5,000	4,000	8,500
Biological/agricultural/other life scientists	2,500	6,500	1,500	2,500	18,000	5,500
<30	500	500	7,000	2,500	5,500	1,000
30-39	2,500	4,500	3,000	7,500	12,500	1,500
40-49	6,500	4,500	12,500	7,500	D	4,000
50-59	3,500	7,000	10,500	5,500	14,500	5,000
60-75	6,500	6,500	D	4,000	D	16,000
Agricultural/food scientists	2,500	4,000	3,000	8,000	D	2,000
<30	6,500	5,500	D	25,000	D	2,500
30-39	5,000	9,000	D	5,500	D	9,000
40-49	14,500	S	D	S	D	2,000
50-59	10,000	28,000	D	13,500	D	9,500
60-75	D	D	D	D	D	D
Biological/medical scientists	1,500	3,500	2,500	2,500	S	3,000
<30	1,500	500	1,000	2,000	5,000	1,500
30-39	4,000	4,000	D	14,000	D	4,000
40-49	7,500	9,000	D	8,000	D	5,500
50-59	5,500	9,500	D	6,500	15,500	2,500
60-75	10,500	5,000	D	7,000	D	16,500
Environmental life scientists	6,000	9,000	4,000	4,000	D	9,000
<30	2,500	D	D	2,000	D	D
30-39	8,500	6,500	D	8,000	D	D
40-49	6,000	4,500	D	3,000	D	S
50-59	15,000	13,000	D	17,500	D	19,000
60-75	19,500	D	D	19,000	D	D

TABLE A-15. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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	4,500	5,000	6,500	1,500	D	11,000
<30	1,500	2,500	1,500	1,000	D	D
30-39	D	D	D	D	D	D
40-49	D	D	D	D	D	D
50-59	D	D	D	D	D	D
60-75	D	D	D	D	D	D
Computer/mathematical scientists	1,000	1,500	6,500	1,500	500	2,000
<30	500	500	5,000	2,500	1,000	2,000
30-39	2,000	1,500	9,000	1,000	1,000	6,000
40-49	2,000	2,000	7,500	2,000	1,500	4,500
50-59	2,000	2,000	6,500	3,500	1,500	4,500
60-75	4,000	11,000	D	5,500	4,000	17,500
Computer/information scientists	500	500	6,500	1,500	500	1,500
<30	2,000	2,500	3,000	1,500	1,000	1,500
30-39	1,500	2,000	4,500	1,500	1,500	6,000
40-49	2,500	2,500	8,500	2,000	1,500	4,500
50-59	1,500	3,000	16,000	4,000	1,500	3,500
60-75	4,000	10,000	D	6,000	4,000	17,000
Mathematical scientists	7,500	2,500	D	7,500	4,500	3,500
<30	4,500	4,500	D	19,500	8,000	3,000
30-39	8,000	4,000	D	6,500	11,000	S
40-49	24,000	28,500	D	13,500	D	D
50-59	9,000	12,000	D	5,000	6,000	D
60-75	31,000	32,000	D	D	D	D
Postsecondary teachers-computer/mathematical sciences	1,500	3,000	2,500	10,000	2,500	S
<30	500	1,500	2,500	3,500	D	D
30-39	S	D	S	D	D	D
40-49	1,500	D	1,000	D	D	D
50-59	8,000	D	8,000	D	D	D
60-75	S	D	S	D	D	D
Physical/related scientists	1,000	2,500	3,500	2,500	12,000	4,000
<30	2,500	2,000	2,000	500	500	2,500
30-39	5,000	3,000	D	2,500	6,500	6,000
40-49	2,500	6,000	D	3,500	10,000	4,000
50-59	6,000	7,500	D	10,500	7,500	7,500
60-75	7,500	11,500	D	17,500	D	7,000
Chemists, except biochemists	1,500	2,500	500	2,500	4,500	4,500
<30	1,000	1,500	D	5,000	500	2,000
30-39	4,000	4,000	D	4,500	2,500	9,000
40-49	7,000	10,000	D	14,000	D	11,000
50-59	5,500	8,500	D	13,500	D	6,000
60-75	5,500	10,000	D	19,000	D	7,000
Earth/atmospheric/ocean scientists	6,000	13,500	D	1,000	3,500	2,500
<30	4,500	8,500	D	4,500	5,000	5,500
30-39	5,500	6,500	D	2,500	D	7,000
40-49	1,500	3,500	D	2,000	D	4,500
50-59	14,500	20,000	D	7,000	9,500	5,000
60-75	15,000	28,500	D	D	D	D

TABLE A-15. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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	S	3,000	D	D	5,000	D
<30	1,000	4,000	D	D	2,500	S
30-39	S	S	D	D	D	D
40-49	D	D	D	D	D	D
50-59	D	D	D	D	D	D
60-75	D	D	D	D	D	D
Postsecondary teachers-physical/related sciences	2,500	3,000	2,000	16,500	D	4,500
<30	1,000	2,000	1,000	5,500	D	4,500
30-39	6,000	10,500	11,500	D	D	D
40-49	D	D	D	D	D	D
50-59	D	D	D	D	D	D
60-75	D	D	D	D	D	D
Other physical/related scientists	5,500	7,500	D	5,500	D	2,000
<30	6,000	6,000	D	20,000	D	3,000
30-39	11,500	15,000	D	6,500	D	4,000
40-49	5,000	19,000	D	D	D	D
50-59	11,000	18,500	D	15,000	D	4,000
60-75	D	D	D	D	D	D
Social/related scientists	4,000	2,000	1,000	3,000	9,000	11,500
<30	7,500	5,500	2,000	8,000	3,500	S
30-39	6,500	6,500	4,500	13,000	D	4,000
40-49	6,000	9,000	D	10,500	20,000	30,500
50-59	20,500	29,000	D	23,000	D	S
60-75	4,000	D	D	7,000	D	D
Economists	8,500	4,000	D	6,000	20,500	D
<30	16,500	16,500	D	D	D	D
30-39	D	D	D	D	D	D
40-49	11,500	D	D	11,000	D	D
50-59	D	D	D	D	D	D
60-75	D	D	D	D	D	D
Political/related scientists	1,500	1,500	D	D	D	D
<30	S	S	D	D	D	D
30-39	14,500	D	D	D	D	D
40-49	D	D	D	D	D	D
50-59	D	D	D	D	D	D
60-75	D	D	D	D	D	D
Postsecondary teachers-social/related sciences	1,000	1,500	2,000	3,000	D	D
<30	1,500	1,000	4,500	D	D	D
30-39	5,000	D	5,000	D	D	D
40-49	D	D	D	D	D	D
50-59	D	D	D	D	D	D
60-75	D	D	D	D	D	D
Psychologists	2,000	1,500	D	4,500	D	3,000
<30	8,000	7,500	D	S	D	S
30-39	S	D	D	D	D	D
40-49	1,500	D	D	D	D	2,000
50-59	D	D	D	D	D	D
60-75	D	D	D	D	D	D

TABLE A-15. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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	2,500	D	7,000	D	D
<30	6,000	3,000	D	9,000	D	D
30-39	D	D	D	D	D	D
40-49	D	D	D	D	D	D
50-59	D	D	D	D	D	D
60-75	D	D	D	D	D	D
Other social/related scientists	4,000	9,000	D	3,500	8,500	14,500
<30	3,500	2,000	D	6,500	D	D
30-39	8,000	13,500	D	10,000	D	5,000
40-49	9,000	16,000	D	9,500	D	4,500
50-59	30,000	24,500	D	31,500	D	S
60-75	4,000	D	D	9,500	D	D
Engineering occupations	2,000	500	6,000	1,500	2,500	2,000
<30	500	500	S	500	3,000	500
30-39	500	1,500	7,000	500	4,000	3,500
40-49	2,500	2,000	12,000	2,000	3,000	1,500
50-59	1,500	3,000	15,500	2,500	3,500	5,000
60-75	3,500	4,000	18,500	2,500	3,500	9,000
Aerospace/aeronautical/astronautical engineers	4,500	4,000	1,000	5,000	11,500	17,500
<30	500	2,500	D	2,500	10,500	2,000
30-39	4,000	1,500	D	4,000	15,000	15,500
40-49	4,500	4,500	D	6,000	7,500	13,500
50-59	8,500	7,000	D	15,500	12,000	26,500
60-75	13,000	7,500	D	15,500	D	D
Chemical engineers	3,500	3,000	D	4,000	14,500	4,500
<30	2,000	1,500	D	1,000	3,000	5,000
30-39	2,500	4,500	D	2,500	D	1,500
40-49	3,500	6,000	D	2,500	7,000	15,500
50-59	8,500	13,500	D	12,000	5,000	5,500
60-75	26,500	30,500	D	26,500	D	17,000
Civil/architectural/sanitary engineers	2,000	1,500	11,500	500	3,000	1,000
<30	1,000	500	D	3,500	2,000	4,000
30-39	1,500	1,500	D	3,000	3,000	3,000
40-49	3,000	4,000	5,500	2,500	16,000	3,500
50-59	5,500	5,500	D	5,000	7,000	8,500
60-75	4,500	8,000	D	3,500	D	22,000
Electrical/computer hardware engineers	1,500	1,500	14,500	1,500	2,000	2,000
<30	1,000	1,000	D	2,500	2,000	2,000
30-39	1,000	1,500	D	3,500	1,500	6,000
40-49	2,500	2,500	D	2,000	6,000	4,000
50-59	3,000	4,000	D	2,500	7,500	10,000
60-75	7,500	7,000	D	8,000	8,000	6,500
Industrial engineers	2,000	3,000	16,000	2,000	2,000	7,000
<30	500	3,000	D	1,000	6,500	3,000
30-39	3,000	4,500	D	3,500	4,500	4,500
40-49	4,500	3,000	D	5,500	3,500	4,500
50-59	11,000	10,500	D	7,000	D	11,500
60-75	16,500	S	D	16,000	D	D

TABLE A-15. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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	2,000	500	2,500	2,500	6,500	6,000
<30	500	500	13,000	1,000	5,500	13,500
30-39	2,500	3,500	D	2,500	5,000	3,500
40-49	2,500	2,500	D	2,000	7,500	4,000
50-59	5,000	5,000	D	6,000	16,000	8,500
60-75	5,500	8,500	D	9,500	24,500	9,000
Postsecondary teachers-engineering	S	4,500	5,000	8,500	D	2,500
<30	8,500	500	S	D	D	D
30-39	D	D	D	D	D	D
40-49	6,500	D	6,500	D	D	D
50-59	D	D	D	D	D	D
60-75	S	D	S	D	D	D
Other engineers	1,000	2,000	4,500	3,000	5,000	3,000
<30	500	1,000	1,500	500	7,500	2,500
30-39	2,500	2,000	8,000	1,000	3,000	4,000
40-49	3,500	5,500	D	4,500	5,500	6,000
50-59	7,000	6,500	14,000	5,000	18,500	9,000
60-75	15,500	20,000	D	14,500	D	19,500
S&E-related occupations	1,000	2,000	500	1,000	3,000	1,000
<30	4,000	2,500	1,000	2,000	3,000	3,000
30-39	500	1,500	1,500	3,500	3,000	2,000
40-49	1,000	3,000	1,500	2,000	3,500	1,500
50-59	2,000	5,000	3,500	3,500	6,500	1,000
60-75	1,000	4,500	4,000	4,500	7,000	3,500
Health occupations	1,500	1,000	1,500	2,000	6,000	3,000
<30	2,000	500	500	1,000	2,500	1,000
30-39	1,500	4,500	2,000	2,500	3,500	1,500
40-49	2,500	3,000	3,000	1,500	9,000	3,000
50-59	1,000	6,000	3,500	4,000	7,500	1,000
60-75	4,000	13,500	6,000	4,000	11,500	5,000
S&E managers, including health	2,000	7,000	D	2,500	5,500	11,000
<30	4,500	D	D	4,500	D	D
30-39	4,500	15,000	D	5,000	12,500	4,500
40-49	4,000	11,000	D	4,000	7,500	6,500
50-59	5,500	10,500	D	6,500	3,500	22,000
60-75	6,500	11,500	D	7,000	D	9,000
S&E precollege teachers	1,500	5,500	1,500	3,000	9,000	4,000
<30	2,000	2,000	2,000	1,000	D	5,500
30-39	2,000	2,500	2,000	3,000	D	D
40-49	2,500	5,000	3,000	6,000	D	9,000
50-59	1,500	6,500	1,500	2,500	6,500	3,500
60-75	11,500	6,000	9,000	16,500	D	D
S&E technicians/technologists	2,500	2,500	19,000	2,500	3,000	2,500
<30	500	4,000	D	2,000	5,000	1,000
30-39	5,000	4,000	D	9,000	6,000	3,500
40-49	1,500	3,500	4,000	500	3,000	8,000
50-59	4,000	8,500	5,500	6,500	4,000	5,500
60-75	11,000	11,000	D	13,500	11,000	5,500

TABLE A-15. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

Level of highest degree, occupation, and age (years)	Primary/secondary work activity					
	Employed scientists and engineers	Research and development	Teaching	Management, sales, administration	Computer applications	Other
Other S&E-related occupations	3,000	7,000	D	1,000	9,500	4,000
<30	15,000	6,500	D	2,500	1,500	11,000
30-39	4,000	6,500	D	6,500	33,500	9,500
40-49	5,500	7,500	D	4,500	18,000	4,000
50-59	5,000	11,500	D	5,500	D	11,000
60-75	11,000	5,000	D	17,500	D	8,500
Non-S&E occupations	1,000	2,500	1,500	1,500	3,500	1,500
<30	500	500	1,000	500	1,000	1,500
30-39	1,000	3,500	3,500	4,000	5,000	2,000
40-49	500	5,000	3,500	3,500	9,500	4,000
50-59	2,500	2,500	2,000	1,000	7,500	2,000
60-75	1,500	4,000	6,500	3,500	17,500	3,500
Arts/humanities/related occupations	2,500	6,500	11,000	8,000	22,500	4,000
<30	2,500	2,500	2,000	2,000	4,500	4,500
30-39	17,500	24,000	D	6,500	23,000	10,000
40-49	10,000	13,000	D	19,000	D	7,500
50-59	18,000	13,500	D	12,500	D	11,500
60-75	8,000	10,000	D	16,000	D	9,000
Management-related occupations	3,000	5,000	3,500	1,500	4,500	1,500
<30	500	5,500	3,000	500	9,500	1,000
30-39	5,000	9,000	4,000	6,000	8,000	4,000
40-49	4,000	4,500	4,500	3,500	18,500	7,500
50-59	3,000	11,000	14,500	3,000	26,500	10,000
60-75	4,000	17,000	S	6,000	11,000	5,500
Non-S&E managers	3,500	5,500	14,000	3,500	17,000	5,000
<30	2,000	6,000	D	2,500	D	18,500
30-39	4,000	5,500	5,000	4,000	15,500	11,000
40-49	5,500	9,000	9,500	5,500	23,000	7,500
50-59	6,000	7,000	21,500	6,500	16,000	8,000
60-75	15,000	14,000	D	15,000	D	19,000
Non-S&E postsecondary teachers	4,000	2,500	2,500	9,000	2,000	2,500
<30	7,000	S	1,000	5,000	D	D
30-39	S	D	S	D	D	D
40-49	S	S	S	D	D	D
50-59	8,500	D	7,500	4,000	D	D
60-75	S	D	S	D	D	D
Non-S&E precollege/other teachers	2,000	1,000	2,500	2,000	15,000	6,000
<30	2,000	1,500	2,000	2,000	D	2,000
30-39	5,500	2,000	5,500	8,500	D	16,500
40-49	2,500	7,000	3,500	2,000	D	3,000
50-59	4,000	3,500	4,000	7,500	D	9,500
60-75	7,500	D	10,500	11,500	D	D
Sales/marketing occupations	2,000	6,000	3,500	2,000	9,500	3,000
<30	3,000	8,000	4,500	2,500	7,000	1,500
30-39	4,000	4,000	7,000	4,500	11,000	4,500
40-49	5,000	10,000	27,000	5,000	7,500	31,000
50-59	6,000	13,500	25,000	6,000	S	7,500
60-75	4,500	25,500	D	4,000	S	10,000

TABLE A-15. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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	1,000	5,500	2,500	2,000	4,500	1,000
<30	500	3,000	1,500	1,500	D	500
30-39	2,000	3,000	1,500	2,000	D	3,000
40-49	3,000	8,500	4,000	4,000	D	3,000
50-59	3,500	D	S	3,500	15,500	3,000
60-75	8,500	D	S	D	D	6,500
Other non-S&E occupations	500	2,000	7,000	500	4,000	500
<30	1,000	1,500	4,000	4,000	4,000	3,000
30-39	1,500	6,000	7,500	2,000	6,000	1,000
40-49	2,000	5,000	4,000	2,000	9,000	3,000
50-59	2,000	2,500	7,000	2,000	5,500	2,500
60-75	2,000	6,000	10,000	2,500	8,500	3,500
Master's degrees, all occupations	500	2,500	500	1,500	1,000	1,000
<30	500	500	1,000	5,000	5,000	2,500
30-39	2,000	4,500	1,000	2,000	2,000	1,000
40-49	2,000	2,500	1,500	2,500	3,000	2,500
50-59	1,500	2,000	500	2,500	2,500	2,500
60-75	1,500	5,500	3,500	4,500	8,500	5,500
S&E occupations	1,000	1,000	1,500	1,500	1,500	4,000
<30	4,000	4,000	1,000	4,500	500	1,500
30-39	500	1,000	4,000	1,500	2,500	3,000
40-49	1,000	2,000	3,500	2,500	2,500	4,000
50-59	1,500	2,000	5,000	2,000	2,500	4,000
60-75	3,000	4,000	7,500	5,000	7,000	5,000
Science occupations	1,500	4,500	2,500	2,500	2,000	3,000
<30	4,000	1,500	1,500	2,000	1,000	9,000
30-39	2,000	3,500	3,000	3,500	3,500	3,000
40-49	2,000	3,000	3,500	3,500	4,000	3,500
50-59	3,000	2,500	5,500	4,000	2,500	3,500
60-75	2,500	8,500	6,000	9,500	8,000	5,000
Biological/agricultural/other life scientists	4,500	4,000	3,500	5,500	10,500	4,000
<30	3,500	7,500	9,500	5,000	9,000	3,000
30-39	2,000	4,500	8,500	6,000	2,000	5,500
40-49	4,000	5,000	1,500	8,000	2,000	12,500
50-59	5,000	7,500	6,500	3,000	D	10,000
60-75	9,000	13,000	S	9,500	D	S
Agricultural/food scientists	9,000	8,000	D	15,500	D	D
<30	8,000	4,000	D	9,500	D	D
30-39	18,000	3,000	D	11,000	D	D
40-49	5,000	9,000	D	6,000	D	D
50-59	17,000	S	D	16,500	D	D
60-75	1,000	D	D	D	D	D
Biological/medical scientists	2,500	4,000	1,500	2,500	8,000	6,500
<30	4,000	4,000	D	3,500	7,500	D
30-39	5,000	2,000	4,500	2,500	2,500	4,000
40-49	6,000	5,500	1,500	10,500	2,000	10,500
50-59	6,500	6,000	D	9,500	D	11,500
60-75	500	500	D	3,500	D	14,000

TABLE A-15. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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	4,500	8,000	D	5,000	D	3,500
<30	11,500	9,000	D	D	D	D
30-39	3,500	5,500	D	3,000	D	D
40-49	19,500	D	D	13,500	D	D
50-59	7,000	4,000	D	5,000	D	D
60-75	D	D	D	D	D	D
Postsecondary teachers-life/related sciences	2,000	11,500	4,500	6,000	D	19,500
<30	1,000	1,500	1,500	4,000	D	D
30-39	8,000	12,000	11,500	8,500	D	D
40-49	6,500	D	5,000	8,500	D	D
50-59	5,500	D	3,000	10,500	D	D
60-75	S	D	S	D	D	D
Computer/mathematical scientists	1,500	1,500	2,000	1,500	500	2,500
<30	500	500	2,000	500	500	2,000
30-39	5,000	3,500	3,000	1,500	1,000	15,000
40-49	3,000	1,000	6,000	2,500	3,000	5,500
50-59	2,000	2,500	6,500	3,500	2,500	9,500
60-75	8,000	5,000	S	16,000	8,500	27,500
Computer/information scientists	2,000	4,000	13,000	2,000	1,000	5,000
<30	2,000	5,000	D	500	3,000	5,500
30-39	1,000	3,000	S	2,000	1,000	8,000
40-49	1,000	2,000	13,500	4,000	2,000	6,000
50-59	2,000	1,500	14,500	2,000	2,500	8,500
60-75	5,000	3,000	D	19,500	9,000	8,500
Mathematical scientists	2,500	4,500	1,000	3,500	2,500	15,000
<30	6,500	16,000	1,000	3,500	500	7,000
30-39	7,000	11,500	D	8,500	7,000	S
40-49	8,500	5,000	D	16,500	7,500	D
50-59	9,500	9,500	D	21,000	14,000	D
60-75	S	S	D	D	D	D
Postsecondary teachers-computer/mathematical sciences	3,500	9,500	3,500	5,500	9,000	9,000
<30	2,500	2,000	2,500	S	D	D
30-39	5,500	17,000	5,000	12,500	D	S
40-49	5,000	3,000	4,500	20,500	D	D
50-59	7,000	S	7,000	11,000	8,500	13,500
60-75	9,500	11,000	10,000	D	D	D
Physical/related scientists	2,000	4,000	12,500	6,000	12,000	6,000
<30	2,500	3,500	2,000	5,500	3,000	7,000
30-39	8,000	7,500	S	3,000	S	2,000
40-49	3,000	6,000	1,000	10,500	23,000	8,500
50-59	5,500	7,000	S	6,000	11,500	19,500
60-75	16,500	18,000	D	13,000	D	15,000
Chemists, except biochemists	4,500	6,000	4,500	8,000	14,500	6,500
<30	8,500	8,000	D	D	D	9,000
30-39	11,500	15,000	D	19,000	D	2,000
40-49	2,000	9,500	D	11,000	D	9,500
50-59	5,000	5,000	D	17,000	D	15,000
60-75	21,500	24,000	D	20,500	D	15,500

TABLE A-15. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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	5,000	10,500	D	5,500	7,500	17,500
<30	12,000	2,500	D	9,500	15,000	15,000
30-39	7,000	7,000	D	17,500	4,000	8,500
40-49	12,000	9,000	D	9,000	20,000	10,500
50-59	10,500	12,000	D	6,500	D	20,000
60-75	15,500	27,000	D	10,500	D	D
Physicists/astronomers	21,500	5,000	D	27,000	2,500	17,000
<30	1,000	1,500	D	D	3,500	D
30-39	14,500	6,000	D	S	2,000	D
40-49	14,500	15,500	D	D	D	D
50-59	18,500	D	D	D	D	D
60-75	D	D	D	D	D	D
Postsecondary teachers-physical/related sciences	7,500	4,500	9,000	5,000	9,500	4,000
<30	1,000	1,000	1,000	9,500	D	D
30-39	7,000	4,500	S	12,000	D	D
40-49	8,000	16,000	11,500	D	D	D
50-59	S	D	S	D	D	D
60-75	D	D	D	D	D	D
Other physical/related scientists	7,000	20,000	D	11,000	D	23,000
<30	D	14,000	D	D	D	D
30-39	17,000	5,000	D	10,500	D	D
40-49	21,500	6,500	D	22,000	D	21,500
50-59	7,500	26,500	D	2,500	D	D
60-75	D	D	D	D	D	D
Social/related scientists	2,500	5,000	2,500	3,500	8,000	2,500
<30	2,500	1,000	4,000	2,000	S	1,500
30-39	2,500	3,500	1,500	8,000	23,500	2,000
40-49	3,500	10,000	7,500	11,000	D	2,500
50-59	6,500	2,500	9,500	9,000	D	6,500
60-75	5,000	9,500	3,500	7,000	D	8,500
Economists	15,500	14,000	D	23,500	2,000	8,000
<30	16,000	4,500	D	8,500	12,000	11,000
30-39	22,500	35,000	D	19,500	30,000	D
40-49	14,500	17,500	D	47,500	D	13,000
50-59	S	D	D	35,500	D	D
60-75	S	D	D	13,500	D	40,000
Political/related scientists	11,500	15,500	D	13,000	D	19,500
<30	1,500	17,500	D	S	D	D
30-39	15,000	D	D	26,000	D	D
40-49	D	D	D	D	D	D
50-59	D	D	D	D	D	D
60-75	D	D	D	D	D	D
Postsecondary teachers-social/related sciences	7,000	12,000	7,000	15,500	D	9,000
<30	2,000	500	1,500	500	D	D
30-39	500	1,500	500	S	D	S
40-49	9,000	12,500	12,500	2,500	D	D
50-59	5,500	5,500	6,000	5,000	D	D
60-75	13,000	S	12,000	S	D	D

TABLE A-15. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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	2,000	5,500	7,000	1,500	D	1,500
<30	2,000	7,000	3,500	6,000	D	3,000
30-39	1,500	8,500	9,500	2,500	D	3,000
40-49	8,500	D	8,500	9,000	D	7,000
50-59	4,000	2,500	5,000	4,500	D	1,000
60-75	6,500	20,500	8,000	7,000	D	7,000
Sociologists/anthropologists	9,000	16,000	D	19,000	D	D
<30	500	500	D	500	D	D
30-39	15,500	D	D	D	D	D
40-49	4,500	D	D	D	D	D
50-59	5,000	7,500	D	4,500	D	D
60-75	S	S	D	D	D	D
Other social/related scientists	6,500	13,000	D	3,000	19,500	13,500
<30	7,000	5,000	D	2,000	D	15,500
30-39	7,500	11,000	D	5,500	D	5,500
40-49	2,500	D	D	3,000	D	7,500
50-59	18,000	22,500	D	15,000	D	D
60-75	35,500	D	D	47,500	D	D
Engineering occupations	2,000	2,000	8,500	1,500	1,500	2,500
<30	500	500	2,500	1,500	500	2,000
30-39	2,000	2,000	7,000	3,000	2,000	3,500
40-49	3,500	2,000	3,500	3,000	3,500	3,500
50-59	2,000	3,000	9,000	3,500	3,500	2,000
60-75	4,500	6,000	19,000	6,000	34,000	11,000
Aerospace/aeronautical/astronautical engineers	4,500	2,000	S	7,500	5,000	12,500
<30	3,000	500	9,000	500	1,500	1,000
30-39	2,000	1,500	D	6,500	4,500	7,500
40-49	6,500	3,000	D	8,500	D	D
50-59	9,500	6,000	D	6,500	15,500	5,000
60-75	9,500	24,000	D	12,500	D	28,000
Chemical engineers	5,000	5,500	D	4,000	5,000	6,000
<30	3,000	3,000	D	1,500	D	17,000
30-39	9,500	5,000	D	17,000	D	7,500
40-49	10,000	9,000	D	13,500	D	8,000
50-59	7,000	16,000	D	13,500	D	D
60-75	13,500	24,500	D	17,500	D	D
Civil/architectural/sanitary engineers	2,500	3,000	D	1,500	4,000	7,500
<30	1,000	4,000	D	500	2,000	3,500
30-39	2,500	3,500	D	5,500	11,500	3,500
40-49	4,500	6,000	D	4,500	7,000	12,000
50-59	3,500	9,000	D	6,500	D	9,500
60-75	6,000	13,500	D	6,500	D	S
Electrical/computer hardware engineers	1,000	500	6,000	3,000	3,000	4,000
<30	1,500	3,500	D	3,000	1,500	2,500
30-39	1,000	1,000	D	6,000	4,000	11,000
40-49	2,000	4,000	D	4,000	5,000	3,000
50-59	3,000	4,000	D	4,500	4,000	9,000
60-75	6,000	5,000	D	10,500	13,000	28,500

TABLE A-15. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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	3,500	D	3,000	3,500	4,000
<30	12,000	500	D	2,500	2,500	1,000
30-39	2,500	4,000	D	1,500	D	3,500
40-49	1,500	4,000	D	6,000	D	15,500
50-59	12,000	4,000	D	16,500	14,000	D
60-75	D	D	D	D	D	D
Mechanical engineers	2,500	3,500	7,500	5,500	11,000	3,500
<30	1,500	1,500	D	1,500	2,500	3,000
30-39	3,000	2,000	D	3,500	20,500	2,500
40-49	2,500	3,000	D	4,500	12,000	D
50-59	4,000	1,500	D	7,500	7,000	7,500
60-75	17,000	12,000	D	S	D	17,000
Postsecondary teachers-engineering	3,500	6,000	3,500	7,000	D	D
<30	3,000	1,500	3,000	D	D	D
30-39	S	3,000	S	D	D	D
40-49	2,000	3,500	2,000	D	D	D
50-59	18,000	D	18,000	D	D	D
60-75	15,000	D	15,000	D	D	D
Other engineers	3,500	3,500	500	4,500	13,000	8,000
<30	1,500	1,500	D	10,500	S	30,000
30-39	1,500	1,500	D	5,000	10,500	2,000
40-49	3,000	6,500	D	5,500	3,500	5,500
50-59	3,500	5,000	D	10,500	24,000	5,500
60-75	16,000	18,000	D	18,000	D	27,500
S&E-related occupations	2,000	2,500	1,500	1,500	2,500	1,500
<30	3,000	3,000	5,500	1,500	5,000	3,500
30-39	1,000	2,000	1,000	3,000	9,000	4,000
40-49	2,500	6,500	1,000	4,000	4,000	1,500
50-59	2,500	5,500	1,500	3,500	4,000	2,500
60-75	4,500	14,000	6,500	2,500	11,500	6,500
Health occupations	2,000	3,500	1,500	500	1,000	3,000
<30	2,000	3,000	1,500	1,500	3,000	4,500
30-39	2,500	9,000	2,500	5,000	500	4,500
40-49	1,500	7,500	6,500	3,500	12,000	4,000
50-59	3,500	10,500	3,000	2,500	D	4,500
60-75	7,500	14,000	6,000	13,500	D	7,000
S&E managers, including health	4,000	5,500	32,500	3,500	6,500	5,500
<30	19,000	4,500	D	4,500	D	D
30-39	5,500	4,000	D	5,500	9,000	2,000
40-49	4,500	6,500	D	4,000	9,500	11,500
50-59	3,500	9,500	D	3,500	D	17,500
60-75	3,500	3,500	D	4,500	4,500	D
S&E precollege teachers	3,000	3,000	2,000	2,000	12,500	9,500
<30	1,500	4,000	1,500	2,000	D	500
30-39	500	2,500	500	3,000	500	1,000
40-49	2,000	4,000	2,000	3,000	22,500	6,500
50-59	2,000	8,500	2,000	3,500	5,000	12,000
60-75	7,500	22,000	10,000	11,000	D	D

TABLE A-15. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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	4,500	4,000	13,000	5,000	3,000	1,500
<30	9,000	6,000	D	S	3,500	5,000
30-39	7,000	7,000	D	11,000	6,000	1,000
40-49	4,500	9,500	D	6,500	4,500	29,500
50-59	11,500	15,500	D	13,500	7,500	5,000
60-75	11,000	9,000	D	15,500	11,500	23,000
Other S&E-related occupations	4,500	5,500	D	4,500	9,500	7,000
<30	3,500	13,500	D	3,000	D	D
30-39	5,000	5,500	D	7,500	D	9,500
40-49	5,500	8,500	D	4,000	D	15,000
50-59	6,500	7,000	D	5,000	D	7,000
60-75	23,000	32,000	D	S	D	S
Non-S&E occupations	1,500	2,000	500	2,000	5,000	2,000
<30	2,000	500	1,500	1,500	2,500	4,500
30-39	1,000	3,500	2,000	2,500	10,000	1,500
40-49	4,000	4,000	3,000	4,000	6,500	1,500
50-59	3,000	3,500	2,500	2,500	4,500	3,000
60-75	2,000	4,500	7,500	3,500	15,000	4,500
Arts/humanities/related occupations	2,000	9,000	9,500	3,000	S	3,500
<30	2,000	2,000	D	3,500	D	1,500
30-39	15,500	5,500	D	3,000	D	S
40-49	4,500	7,000	6,500	7,500	D	6,000
50-59	6,000	12,500	D	5,000	D	14,000
60-75	7,000	S	D	6,000	D	S
Management-related occupations	1,500	4,000	15,000	2,500	7,500	4,500
<30	1,000	7,000	500	1,000	2,500	23,500
30-39	4,500	2,500	D	4,000	10,000	11,000
40-49	3,500	7,000	26,000	3,000	8,500	12,000
50-59	6,000	4,000	7,500	5,500	14,500	14,000
60-75	5,000	S	D	6,000	D	7,500
Non-S&E managers	3,000	6,500	5,500	3,000	12,500	4,500
<30	3,500	18,500	7,500	8,000	D	3,000
30-39	5,000	5,500	21,500	5,000	10,500	7,500
40-49	5,500	10,500	D	5,500	25,000	10,000
50-59	4,000	19,000	4,500	4,000	20,500	15,000
60-75	5,500	22,000	D	5,500	D	9,500
Non-S&E postsecondary teachers	6,500	8,500	5,500	7,500	4,500	12,500
<30	6,000	1,000	9,000	5,500	D	D
30-39	11,000	6,500	12,500	6,500	D	2,000
40-49	14,000	19,500	17,000	15,500	D	D
50-59	8,000	S	9,000	10,000	D	S
60-75	8,000	S	8,500	S	D	S
Non-S&E precollege/other teachers	1,000	1,000	1,000	3,000	2,500	1,500
<30	2,000	4,000	1,500	2,000	D	2,500
30-39	2,000	1,000	2,000	2,000	D	6,000
40-49	1,500	3,500	1,500	4,000	D	3,000
50-59	2,000	4,000	2,500	3,000	6,500	5,000
60-75	9,500	12,000	10,000	S	D	D

TABLE A-15. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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	5,000	9,500	34,000	5,000	12,000	18,000
<30	7,500	18,500	D	8,000	D	13,500
30-39	7,500	10,500	27,500	10,000	7,500	15,500
40-49	7,000	7,500	D	7,000	17,500	16,500
50-59	7,000	10,000	S	6,000	3,500	18,500
60-75	7,500	S	D	8,000	D	19,500
Social services/related occupations	1,500	1,500	1,000	2,000	7,000	1,000
<30	1,000	6,500	13,000	8,500	D	1,000
30-39	2,000	9,000	3,000	2,500	4,000	2,000
40-49	2,500	3,500	4,000	5,500	D	2,000
50-59	1,000	7,000	5,000	2,500	7,500	1,500
60-75	3,500	2,500	18,000	6,500	D	3,500
Other non-S&E occupations	2,000	1,500	4,000	1,500	4,000	2,500
<30	5,000	2,500	3,500	4,000	6,000	2,500
30-39	5,500	7,000	3,500	8,000	3,000	6,500
40-49	4,500	7,000	10,500	7,000	7,500	9,000
50-59	5,500	9,000	16,500	4,000	15,500	5,500
60-75	3,500	6,500	4,500	8,000	S	4,000
Doctoral degrees, all occupations	1,500	1,500	500	500	2,000	500
<30	5,500	6,500	5,000	3,500	7,000	7,000
30-39	2,500	2,000	2,000	4,000	5,500	5,000
40-49	2,500	2,500	2,500	3,500	2,500	4,000
50-59	500	2,500	3,000	4,000	3,000	5,000
60-75	2,500	500	2,000	500	4,500	3,500
S&E occupations	1,000	500	1,500	500	4,000	500
<30	500	500	3,500	3,500	7,500	3,500
30-39	1,000	1,000	2,000	3,000	4,000	2,000
40-49	500	2,000	2,000	2,000	2,500	3,000
50-59	2,000	2,000	2,500	2,500	5,500	3,500
60-75	2,500	1,000	2,000	1,000	3,000	1,000
Science occupations	2,000	500	500	1,000	1,000	2,500
<30	4,000	4,000	1,500	8,500	10,000	30,500
30-39	2,000	2,000	500	4,000	2,500	6,000
40-49	500	500	500	1,000	1,500	1,500
50-59	2,500	500	1,500	2,500	4,000	2,000
60-75	1,500	500	2,500	4,000	6,500	1,500
Biological/agricultural/other life scientists	2,000	500	1,500	1,000	4,000	3,000
<30	1,000	1,000	D	S	D	2,500
30-39	4,000	4,500	4,000	5,500	3,000	4,000
40-49	500	3,000	2,000	2,000	7,000	6,500
50-59	2,000	4,000	1,000	4,500	11,500	5,000
60-75	4,000	500	5,000	3,500	22,000	6,000
Agricultural/food scientists	2,000	3,500	9,500	4,500	9,000	7,500
<30	3,000	3,000	D	D	D	D
30-39	3,500	3,500	D	6,000	D	D
40-49	1,500	2,000	D	3,000	D	15,000
50-59	1,500	1,500	D	1,500	D	8,000
60-75	12,000	7,500	D	27,500	D	35,000

TABLE A-15. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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	4,000	2,000	10,500	2,500	6,000	4,000
<30	500	500	D	4,500	D	2,500
30-39	5,000	2,500	9,000	8,000	2,500	5,500
40-49	3,000	3,500	10,500	3,500	7,500	7,000
50-59	2,500	3,500	11,000	5,500	7,500	2,500
60-75	2,500	5,000	25,000	11,500	S	5,000
Environmental life scientists	3,500	3,000	D	8,000	D	17,000
<30	D	D	D	D	D	D
30-39	10,500	16,500	D	19,500	D	D
40-49	7,500	10,000	D	22,000	D	D
50-59	9,000	9,000	D	14,500	D	D
60-75	29,500	29,500	D	D	D	D
Postsecondary teachers-life/related sciences	500	2,000	500	2,500	1,000	3,000
<30	D	D	D	D	D	D
30-39	3,500	4,000	4,500	2,500	D	4,500
40-49	1,500	3,500	2,500	9,000	D	2,500
50-59	4,000	3,000	4,000	8,000	D	2,500
60-75	5,500	6,000	5,500	6,500	D	13,500
Computer/mathematical scientists	2,000	3,000	2,000	1,500	500	3,000
<30	1,500	1,000	5,000	D	6,500	D
30-39	3,500	2,500	4,000	4,000	6,000	4,500
40-49	3,500	4,500	5,500	6,000	2,500	5,500
50-59	1,500	4,500	4,000	7,500	4,500	11,000
60-75	3,500	4,500	2,500	1,500	4,000	9,000
Computer/information scientists	2,500	4,500	32,000	6,500	5,500	1,500
<30	8,500	8,000	D	D	3,000	D
30-39	4,000	4,000	D	9,000	2,000	1,000
40-49	4,000	6,500	40,000	7,000	2,500	23,500
50-59	7,500	8,000	D	7,000	8,500	16,500
60-75	12,000	17,500	29,000	20,000	5,000	14,500
Mathematical scientists	1,500	1,000	36,500	9,500	3,500	1,500
<30	9,000	9,000	D	D	8,000	D
30-39	4,000	2,500	D	7,000	2,000	8,500
40-49	5,500	6,500	D	21,000	6,000	17,500
50-59	3,500	11,000	49,000	7,500	6,000	5,500
60-75	2,000	7,500	D	1,500	9,500	500
Postsecondary teachers-computer/mathematical sciences	2,500	2,500	2,500	3,500	D	4,000
<30	5,000	6,000	5,000	D	D	D
30-39	4,500	2,500	4,000	6,500	D	11,500
40-49	5,500	4,500	5,500	1,000	15,000	7,500
50-59	3,500	6,000	3,500	13,000	7,500	7,000
60-75	4,000	5,500	3,000	5,500	5,000	28,500
Physical/related scientists	2,000	2,500	3,500	500	6,500	3,500
<30	2,000	2,000	3,500	14,000	3,500	D
30-39	2,000	1,500	1,500	4,500	4,000	1,000
40-49	2,500	500	2,500	4,500	7,500	7,000
50-59	2,000	3,500	3,000	4,500	5,500	8,500
60-75	5,000	1,500	3,000	6,500	16,000	5,000

TABLE A-15. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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	500	500	11,500	3,000	14,000	4,500
<30	18,500	20,000	D	7,000	D	D
30-39	3,000	2,000	D	3,500	15,000	18,000
40-49	3,500	2,500	D	3,000	D	4,500
50-59	5,500	5,000	28,000	8,500	12,000	14,500
60-75	7,500	5,000	20,000	10,000	D	25,500
Earth/atmospheric/ocean scientists	2,000	2,000	3,500	9,000	6,000	11,500
<30	3,000	3,000	D	D	D	D
30-39	2,000	2,000	D	5,500	10,000	8,500
40-49	4,500	4,500	D	13,500	13,000	5,500
50-59	10,500	3,000	26,000	15,500	13,000	D
60-75	10,000	11,500	D	8,000	13,500	26,500
Physicists/astronomers	2,500	3,500	D	5,000	24,000	5,500
<30	2,500	2,500	D	D	D	D
30-39	4,000	4,000	D	11,000	5,000	6,000
40-49	4,500	5,000	D	8,500	8,500	D
50-59	3,500	7,500	D	7,500	15,000	21,000
60-75	12,500	12,000	D	13,000	15,500	14,500
Postsecondary teachers-physical/related sciences	3,000	3,000	2,500	1,500	9,000	3,500
<30	3,500	D	3,500	D	D	D
30-39	1,500	2,000	2,000	2,500	D	3,000
40-49	3,000	2,500	2,500	3,000	D	7,000
50-59	3,000	2,500	3,000	8,500	D	5,500
60-75	3,000	12,500	3,500	5,000	D	8,000
Other physical/related scientists	3,000	1,500	20,000	9,500	13,000	4,000
<30	9,500	9,500	D	D	D	D
30-39	8,500	8,000	D	3,500	D	8,000
40-49	6,500	7,500	D	9,000	D	D
50-59	12,000	11,000	D	18,000	D	26,000
60-75	S	D	D	D	D	19,000
Social/related scientists	2,000	1,500	1,000	2,500	7,000	1,000
<30	3,500	3,000	4,000	D	D	17,500
30-39	2,000	1,500	2,000	2,500	6,000	8,000
40-49	2,500	2,000	2,500	2,000	15,000	2,000
50-59	2,500	2,500	2,500	1,500	7,000	3,500
60-75	1,000	3,000	3,000	3,500	21,000	4,000
Economists	5,000	6,500	18,500	5,500	6,000	8,500
<30	7,000	D	D	D	D	D
30-39	8,000	7,000	D	4,000	23,500	8,500
40-49	8,500	11,000	D	8,000	14,500	13,000
50-59	4,000	5,500	D	17,000	D	22,500
60-75	11,500	23,500	D	31,000	12,500	S
Political/related scientists	8,500	9,500	S	13,000	D	18,500
<30	D	D	D	D	D	D
30-39	12,500	8,500	D	13,500	D	D
40-49	4,500	4,000	D	7,000	D	D
50-59	58,500	53,500	D	D	D	D
60-75	47,000	47,000	D	D	D	D

TABLE A-15. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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-social/related sciences	500	1,500	2,000	3,000	7,500	2,000
<30	4,000	3,000	4,000	D	D	D
30-39	2,000	500	2,000	3,500	D	2,000
40-49	2,500	2,500	2,500	3,500	D	3,500
50-59	4,000	1,500	2,500	8,000	D	2,000
60-75	4,000	4,500	3,500	7,500	D	2,500
Psychologists	1,000	3,500	8,500	3,000	1,500	2,500
<30	30,500	S	D	D	D	33,000
30-39	8,000	8,000	S	2,500	6,500	6,500
40-49	2,000	4,500	13,000	3,500	D	3,000
50-59	2,500	4,500	8,000	3,000	10,500	4,000
60-75	3,500	5,000	6,500	5,000	D	5,500
Sociologists/anthropologists	7,500	8,500	11,000	11,500	4,000	33,000
<30	D	D	D	D	D	D
30-39	2,500	3,000	D	19,500	D	D
40-49	11,000	10,000	D	19,500	D	D
50-59	7,000	10,000	D	10,500	D	56,000
60-75	31,000	34,500	D	30,500	D	3,000
Other social/related scientists	3,000	3,500	7,500	6,500	500	10,500
<30	D	D	D	D	D	D
30-39	8,500	11,000	D	6,500	D	7,500
40-49	5,500	5,500	D	6,000	6,000	22,500
50-59	8,500	10,500	D	3,500	D	11,000
60-75	6,000	9,500	D	23,000	D	12,500
Engineering occupations	1,500	1,500	3,000	3,000	500	500
<30	3,000	3,000	2,500	18,500	5,500	11,000
30-39	2,500	3,000	2,000	500	5,500	5,000
40-49	1,000	2,000	2,500	3,000	4,000	6,500
50-59	2,500	500	1,500	2,000	4,000	6,000
60-75	6,500	4,000	5,000	10,000	12,000	19,500
Aerospace/aeronautical/astronautical engineers	6,500	7,000	D	2,500	8,000	17,000
<30	6,500	6,500	D	D	D	D
30-39	4,500	5,500	D	12,500	5,000	D
40-49	7,000	4,500	D	D	9,000	D
50-59	500	1,000	D	9,000	2,500	D
60-75	19,500	D	D	18,000	15,000	D
Chemical engineers	3,000	3,000	D	3,500	6,500	2,000
<30	2,500	2,500	D	D	D	D
30-39	4,000	4,000	D	9,500	D	7,500
40-49	4,500	4,500	D	2,000	8,500	1,000
50-59	9,000	8,000	D	9,500	D	9,000
60-75	12,500	16,000	D	26,000	D	D
Civil/architectural/sanitary engineers	6,000	7,000	D	3,500	14,500	2,000
<30	500	500	D	D	D	D
30-39	2,000	1,500	D	8,000	D	8,000
40-49	9,000	13,000	D	4,000	D	26,500
50-59	11,000	6,500	D	20,000	D	4,500
60-75	6,000	3,500	D	13,500	D	17,500

TABLE A-15. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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	3,500	3,000	D	3,000	8,000	6,000
<30	1,000	1,000	D	D	2,500	D
30-39	4,000	4,000	D	6,000	4,500	5,500
40-49	3,500	3,500	D	8,000	6,000	19,000
50-59	6,500	7,500	D	13,000	8,000	10,500
60-75	12,500	12,000	D	D	15,000	D
Industrial engineers	14,500	9,500	D	36,000	D	D
<30	D	D	D	D	D	D
30-39	14,000	14,000	D	D	D	D
40-49	12,500	D	D	D	D	D
50-59	43,500	40,000	D	8,000	D	D
60-75	36,000	31,500	D	D	D	D
Mechanical engineers	500	500	D	5,500	6,500	23,000
<30	4,500	7,500	D	D	D	D
30-39	2,500	2,500	D	8,500	5,500	D
40-49	4,500	5,000	D	8,000	6,000	14,000
50-59	2,000	2,000	D	14,000	4,000	D
60-75	7,500	7,500	D	S	D	27,000
Postsecondary teachers-engineering	3,000	4,500	3,000	4,500	10,500	7,000
<30	2,500	2,500	2,500	D	D	D
30-39	2,000	1,000	2,000	4,500	D	D
40-49	3,000	5,000	2,500	9,000	D	5,500
50-59	500	1,000	1,000	3,500	D	5,000
60-75	8,000	8,000	7,000	9,500	22,500	21,500
Other engineers	500	500	D	4,500	10,500	4,000
<30	9,000	10,500	D	27,000	D	D
30-39	4,500	3,000	D	1,500	12,500	7,500
40-49	5,000	5,000	D	1,500	5,500	20,500
50-59	4,000	7,000	10,000	4,000	6,500	10,500
60-75	6,500	14,000	D	7,500	21,500	19,500
S&E-related occupations	2,500	3,500	2,500	6,000	3,500	12,000
<30	3,000	4,500	9,500	14,500	D	2,500
30-39	500	7,500	3,500	9,000	14,500	4,000
40-49	2,500	5,000	5,000	10,000	3,500	14,000
50-59	6,500	8,000	4,000	10,500	14,000	16,000
60-75	7,000	7,500	12,000	10,500	9,500	1,000
Health occupations	2,500	3,500	2,500	5,500	13,500	9,500
<30	2,500	5,000	18,000	D	D	2,500
30-39	2,500	1,500	8,000	19,500	D	3,000
40-49	6,500	5,500	5,500	10,500	D	16,000
50-59	9,500	7,500	4,000	24,000	11,500	15,000
60-75	2,000	1,000	5,000	7,000	D	1,000
S&E managers, including health	4,000	3,000	32,000	4,500	1,500	1,000
<30	D	D	D	D	D	D
30-39	4,000	4,500	D	4,000	27,000	18,500
40-49	2,000	3,000	D	2,500	12,500	5,500
50-59	8,000	5,000	D	8,000	D	4,000
60-75	7,500	9,000	D	6,500	2,000	35,500

TABLE A-15. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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	8,500	1,500	8,500	5,000	9,000	500
<30	D	D	D	D	D	D
30-39	15,500	D	15,500	2,500	D	D
40-49	10,000	14,500	10,000	23,000	D	11,500
50-59	12,000	D	12,500	11,500	D	2,000
60-75	14,500	D	14,500	4,500	D	D
S&E technicians/technologists	7,500	11,000	D	13,000	10,500	D
<30	D	D	D	D	D	D
30-39	17,000	18,000	D	D	11,500	6,500
40-49	5,500	8,000	D	D	16,000	D
50-59	38,500	21,000	D	39,500	18,000	D
60-75	31,500	4,500	D	S	D	D
Other S&E-related occupations	12,000	19,500	D	9,500	24,000	14,500
<30	D	D	D	D	D	D
30-39	D	D	D	D	D	D
40-49	28,500	D	D	D	D	D
50-59	D	D	D	D	D	D
60-75	D	D	D	D	D	D
Non-S&E occupations	3,500	3,000	1,000	6,000	4,000	5,000
<30	13,000	1,000	4,500	2,500	D	3,000
30-39	5,500	9,000	6,000	7,500	21,500	10,000
40-49	4,000	5,500	5,500	6,500	7,000	16,500
50-59	3,000	8,000	5,000	9,000	S	15,000
60-75	7,500	8,500	9,500	9,000	10,500	15,000
Arts/humanities/related occupations	8,000	24,500	D	12,000	16,500	9,500
<30	D	D	D	D	D	D
30-39	19,500	3,000	15,000	9,000	D	D
40-49	11,500	15,000	D	17,500	D	22,500
50-59	22,000	27,500	D	28,000	D	16,000
60-75	S	S	D	S	D	8,000
Management-related occupations	4,500	21,500	6,500	6,000	19,000	14,000
<30	16,000	34,500	D	19,000	D	31,500
30-39	18,500	45,000	22,000	29,000	5,500	22,500
40-49	5,000	8,500	D	5,500	9,000	11,000
50-59	8,500	D	8,000	11,000	29,500	D
60-75	11,000	16,000	S	14,500	D	10,000
Non-S&E managers	6,500	8,000	37,000	7,000	37,500	7,500
<30	D	D	D	D	D	D
30-39	11,000	3,000	D	12,000	42,500	6,000
40-49	10,000	19,000	D	8,000	2,000	37,500
50-59	10,000	9,500	25,500	10,000	S	22,000
60-75	8,000	13,000	18,000	8,500	9,500	26,500
Non-S&E postsecondary teachers	2,000	4,500	2,000	5,000	D	8,000
<30	10,000	D	9,500	D	D	D
30-39	7,500	8,000	8,000	8,000	D	4,000
40-49	5,000	5,000	7,000	8,000	D	14,000
50-59	4,500	6,500	5,000	7,000	D	9,000
60-75	7,000	7,000	7,500	15,000	D	18,000

TABLE A-15. Standard errors for median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, age, and primary/secondary work activity: 2008

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	9,500	15,000	10,000	20,500	D	S
<30	D	D	D	D	D	D
30-39	14,000	D	13,500	S	D	D
40-49	D	D	D	D	D	D
50-59	10,500	6,000	9,500	3,500	D	22,500
60-75	21,500	8,500	27,000	D	D	D
Sales/marketing occupations	10,000	10,500	1,500	10,000	500	50,500
<30	20,500	D	D	D	D	D
30-39	13,500	35,500	D	6,000	10,000	29,500
40-49	33,000	16,000	D	39,500	D	8,000
50-59	46,000	18,500	D	48,500	D	39,500
60-75	26,000	30,500	D	30,500	D	26,500
Social services/related occupations	11,000	24,000	12,500	5,000	D	7,000
<30	D	D	D	D	D	D
30-39	7,000	D	D	1,000	D	2,500
40-49	4,000	D	19,000	14,000	D	5,500
50-59	4,000	D	7,000	2,000	D	4,000
60-75	8,500	D	D	7,500	D	11,000
Other non-S&E occupations	5,500	10,000	22,000	16,000	1,000	18,000
<30	11,500	D	D	D	D	4,000
30-39	500	1,500	2,500	500	D	15,500
40-49	27,000	S	13,000	15,000	D	40,000
50-59	9,500	11,000	4,000	9,500	D	S
60-75	9,500	10,500	2,500	5,500	D	S

D = standard error is not computed when value is suppressed to avoid disclosure of confidential information. S = suppressed; data cell not published.

S&E = science and engineering.

^a Total includes professional degrees not broken out separately.

NOTES: Scientists and engineers include any person who has ever received bachelor's or higher degree in S&E or S&E-related field through 30 June 2007, plus any person holding non-S&E bachelor's or higher degree who was employed in S&E or S&E-related occupation on 1 October 2003. Standard errors are rounded up to nearest 500.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2008.