

TABLE A-14. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2008

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
All degree levels and occupations ^a	1,000	1,500	1,000	1,000	1,500
U.S. citizen	1,000	1,000	1,000	1,000	2,000
Native-born	500	1,000	1,000	1,000	1,000
Naturalized	1,000	1,000	1,500	3,000	6,000
Non-U.S. citizen	500	1,500	2,500	5,500	5,000
Permanent resident	1,500	2,000	3,000	4,000	5,000
Temporary resident	2,000	3,000	1,000	6,000	5,000
S&E occupations	500	500	500	2,500	1,500
U.S. citizen	500	500	2,000	2,500	1,000
Native-born	1,000	1,500	2,000	2,000	2,000
Naturalized	1,000	1,500	2,500	4,500	1,500
Non-U.S. citizen	500	1,500	1,500	8,000	4,000
Permanent resident	500	2,500	3,000	13,500	4,500
Temporary resident	4,000	6,000	2,500	13,000	13,000
Science occupations	500	1,500	500	1,500	500
U.S. citizen	500	1,000	1,500	1,500	500
Native-born	500	1,000	4,000	2,000	500
Naturalized	1,000	500	2,500	5,000	2,500
Non-U.S. citizen	500	2,000	4,000	7,000	3,500
Permanent resident	1,000	2,500	6,000	13,500	7,000
Temporary resident	5,000	500	500	13,000	3,500
Biological/agricultural/other life scientists	5,000	2,500	2,500	4,000	2,000
U.S. citizen	3,500	2,000	1,500	4,000	2,000
Native-born	1,000	4,500	2,000	4,000	1,500
Naturalized	4,000	4,500	4,000	16,500	6,500
Non-U.S. citizen	5,000	6,500	3,000	3,500	6,000
Permanent resident	4,000	4,000	3,500	3,500	7,500
Temporary resident	1,000	4,500	1,500	D	1,500
Agricultural/food scientists	4,000	7,000	2,500	D	6,000
U.S. citizen	4,000	6,500	1,500	D	6,000
Native-born	5,000	5,500	2,000	D	6,000
Naturalized	5,500	4,500	8,000	D	20,500
Non-U.S. citizen	13,500	9,500	S	D	D
Permanent resident	16,000	19,000	S	D	D
Temporary resident	6,500	1,000	3,000	D	D
Biological/medical scientists	1,000	2,500	1,000	D	1,500
U.S. citizen	1,500	6,500	2,000	D	1,500
Native-born	2,500	2,500	1,000	D	4,000
Naturalized	5,000	5,000	5,500	D	13,000
Non-U.S. citizen	3,000	3,000	3,000	D	6,000
Permanent resident	6,000	3,000	1,000	D	6,500
Temporary resident	2,500	8,000	1,500	D	1,500
Environmental life scientists	3,000	8,000	S	D	3,500
U.S. citizen	3,500	8,500	16,500	D	3,500
Native-born	5,000	12,000	16,500	D	3,500
Naturalized	D	D	D	D	D
Non-U.S. citizen	D	D	D	D	D
Permanent resident	D	D	D	D	D
Temporary resident	D	D	D	D	D

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Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/industry	4-year college/university	Other educational institution	Government
Postsecondary teachers-life/related sciences	4,500	D	4,500	4,000	3,500
U.S. citizen	3,000	8,500	4,500	4,000	3,500
Native-born	2,500	8,000	3,500	4,000	3,000
Naturalized	5,500	D	6,000	18,000	D
Non-U.S. citizen	4,500	D	5,000	3,500	D
Permanent resident	6,000	D	6,000	3,500	D
Temporary resident	19,000	D	19,000	D	D
Computer/mathematical scientists	500	1,000	1,500	1,500	2,000
U.S. citizen	1,500	1,000	1,500	1,500	2,000
Native-born	500	1,500	1,000	3,000	2,500
Naturalized	1,000	1,500	2,000	6,500	2,500
Non-U.S. citizen	2,500	500	8,500	16,500	6,000
Permanent resident	3,500	2,500	5,500	9,000	6,500
Temporary resident	1,000	2,500	7,000	D	20,000
Computer/information scientists	1,500	1,000	3,000	3,000	2,000
U.S. citizen	1,500	1,000	3,000	3,000	2,000
Native-born	500	1,500	1,000	1,500	3,500
Naturalized	3,500	1,500	2,000	5,500	2,500
Non-U.S. citizen	1,500	500	7,000	D	6,500
Permanent resident	2,500	2,500	19,000	D	7,000
Temporary resident	2,500	2,500	6,000	D	8,500
Mathematical scientists	6,500	4,000	11,000	13,000	8,000
U.S. citizen	6,500	4,500	17,000	9,000	8,000
Native-born	4,500	4,500	5,500	D	8,000
Naturalized	7,500	6,500	13,500	D	15,000
Non-U.S. citizen	6,000	3,000	8,000	D	4,000
Permanent resident	1,000	3,500	8,500	D	D
Temporary resident	5,500	2,500	1,500	D	D
Postsecondary teachers-computer/mathematical sciences	2,000	S	2,500	5,500	3,500
U.S. citizen	2,500	S	5,000	5,500	2,500
Native-born	3,500	S	4,500	9,000	2,500
Naturalized	4,000	D	5,000	2,000	D
Non-U.S. citizen	5,500	D	4,000	14,000	D
Permanent resident	7,500	D	8,000	6,500	D
Temporary resident	7,000	D	4,000	D	D
Physical/related scientists	2,000	4,500	5,500	5,500	2,500
U.S. citizen	1,500	2,500	1,500	5,500	3,000
Native-born	1,500	2,500	1,500	7,500	3,000
Naturalized	3,500	4,500	7,000	S	6,500
Non-U.S. citizen	5,500	4,000	2,000	7,000	6,000
Permanent resident	2,000	6,000	4,000	D	16,500
Temporary resident	2,000	6,000	2,000	D	2,500
Chemists, except biochemists	2,000	3,000	4,000	D	4,000
U.S. citizen	2,000	2,500	1,500	D	4,000
Native-born	4,000	3,000	1,000	D	5,500
Naturalized	3,000	4,500	1,000	D	5,000
Non-U.S. citizen	13,000	5,500	3,500	D	13,000
Permanent resident	8,500	6,500	14,500	D	D
Temporary resident	3,500	2,500	4,000	D	D

TABLE A-14. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2008

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/industry	4-year college/university	Other educational institution	Government
Earth/atmospheric/ocean scientists	3,000	3,500	4,500	D	500
U.S. citizen	3,500	4,000	2,500	D	500
Native-born	3,500	4,500	5,500	D	500
Naturalized	15,000	3,500	15,000	D	17,000
Non-U.S. citizen	5,500	11,000	8,500	D	1,500
Permanent resident	12,000	13,500	11,500	D	D
Temporary resident	12,000	24,000	S	D	D
Physicists/astronomers	3,000	4,000	4,000	D	3,000
U.S. citizen	2,000	5,500	3,000	D	2,500
Native-born	3,500	8,500	13,500	D	2,500
Naturalized	14,000	17,500	16,500	D	11,500
Non-U.S. citizen	8,500	9,000	S	D	17,000
Permanent resident	6,500	4,500	26,000	D	D
Temporary resident	3,000	D	3,000	D	D
Postsecondary teachers-physical/related sciences	3,500	D	5,500	5,500	D
U.S. citizen	3,000	D	4,000	6,000	D
Native-born	3,000	D	2,500	8,000	D
Naturalized	5,000	D	6,000	1,000	D
Non-U.S. citizen	5,500	D	5,500	7,000	D
Permanent resident	6,500	D	6,500	D	D
Temporary resident	1,500	D	1,000	D	D
Other physical/related scientists	3,000	7,000	5,500	D	3,000
U.S. citizen	2,500	6,000	7,000	D	3,000
Native-born	2,500	7,000	6,500	D	4,000
Naturalized	6,500	D	D	D	6,000
Non-U.S. citizen	7,000	8,500	24,000	D	D
Permanent resident	D	D	D	D	D
Temporary resident	27,000	5,000	D	D	D
Social/related scientists	500	4,500	4,000	2,000	4,000
U.S. citizen	500	8,500	1,500	2,000	4,000
Native-born	500	3,500	1,500	1,500	4,000
Naturalized	7,500	8,000	3,500	5,500	20,000
Non-U.S. citizen	9,500	9,500	5,500	22,000	20,000
Permanent resident	4,500	8,500	7,500	11,500	26,000
Temporary resident	6,500	7,000	1,500	D	D
Economists	9,000	22,000	S	D	13,500
U.S. citizen	11,500	20,500	S	D	15,000
Native-born	11,500	27,500	S	D	16,000
Naturalized	23,000	23,000	S	D	9,000
Non-U.S. citizen	14,000	19,500	S	D	D
Permanent resident	13,500	17,000	50,000	D	D
Temporary resident	27,000	38,000	3,500	D	D
Political/related scientists	17,500	5,500	9,000	D	14,500
U.S. citizen	13,000	7,000	S	D	14,500
Native-born	29,000	13,500	S	D	15,000
Naturalized	6,000	D	D	D	D
Non-U.S. citizen	S	D	1,000	D	D
Permanent resident	D	D	D	D	D
Temporary resident	D	D	1,000	D	D

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Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/industry	4-year college/university	Other educational institution	Government
Postsecondary teachers-social/related sciences	2,500	8,000	3,000	13,000	9,000
U.S. citizen	3,000	9,000	2,500	13,000	9,000
Native-born	2,500	D	3,500	14,500	3,000
Naturalized	3,000	D	2,500	12,500	D
Non-U.S. citizen	21,500	D	21,500	S	D
Permanent resident	3,000	D	3,500	D	D
Temporary resident	2,500	D	2,500	D	D
Psychologists	2,000	1,000	3,000	2,500	4,500
U.S. citizen	1,500	1,000	3,500	2,500	4,500
Native-born	1,500	500	1,000	3,000	5,000
Naturalized	5,500	3,500	1,000	11,500	5,500
Non-U.S. citizen	22,500	5,000	S	D	D
Permanent resident	14,000	17,500	D	D	D
Temporary resident	S	D	D	D	D
Sociologists/anthropologists	3,000	21,000	500	S	4,000
U.S. citizen	3,000	S	500	S	4,000
Native-born	3,000	25,500	500	S	2,500
Naturalized	S	D	14,500	D	D
Non-U.S. citizen	S	D	11,000	D	D
Permanent resident	S	D	S	D	D
Temporary resident	D	D	16,500	D	D
Other social/related scientists	4,500	4,000	7,000	11,000	3,500
U.S. citizen	7,000	4,500	4,500	11,000	4,000
Native-born	5,500	5,000	5,000	21,000	3,500
Naturalized	16,500	8,500	13,500	D	D
Non-U.S. citizen	12,500	8,000	8,000	D	D
Permanent resident	12,000	18,000	11,500	D	D
Temporary resident	3,000	16,000	4,000	D	D
Engineering occupations	1,000	1,000	2,500	6,000	1,500
U.S. citizen	2,000	1,500	7,000	6,000	1,000
Native-born	500	1,000	3,500	6,500	1,000
Naturalized	2,000	2,500	6,500	D	2,500
Non-U.S. citizen	2,000	2,000	6,000	D	4,500
Permanent resident	3,500	2,500	7,000	D	5,000
Temporary resident	500	1,000	500	D	7,500
Aerospace/aeronautical/astronautical engineers	2,500	3,000	4,500	D	5,500
U.S. citizen	2,500	3,000	11,500	D	5,500
Native-born	2,000	3,000	4,500	D	6,500
Naturalized	5,000	5,000	21,000	D	S
Non-U.S. citizen	9,500	12,500	4,500	D	D
Permanent resident	9,500	5,000	17,000	D	D
Temporary resident	S	2,000	2,000	D	D
Chemical engineers	2,500	2,500	4,000	D	8,000
U.S. citizen	2,500	2,500	4,000	D	7,000
Native-born	2,500	2,500	5,000	D	5,500
Naturalized	4,000	3,500	S	D	S
Non-U.S. citizen	14,500	9,000	1,500	D	D
Permanent resident	6,000	3,000	S	D	D
Temporary resident	31,500	3,000	1,500	D	D

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Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/industry	4-year college/university	Other educational institution	Government
Civil/architectural/sanitary engineers	1,000	500	S	D	1,000
U.S. citizen	500	500	S	D	1,500
Native-born	500	500	8,000	D	2,500
Naturalized	2,500	4,500	13,500	D	3,500
Non-U.S. citizen	2,500	2,000	10,500	D	5,500
Permanent resident	9,500	8,500	D	D	D
Temporary resident	1,500	2,000	15,500	D	D
Electrical/computer hardware engineers	1,500	1,500	15,000	15,500	3,000
U.S. citizen	1,500	1,500	15,000	15,500	3,000
Native-born	1,500	1,500	12,000	D	4,000
Naturalized	500	1,500	5,000	D	2,500
Non-U.S. citizen	1,000	1,500	14,500	D	D
Permanent resident	4,000	5,000	2,000	D	D
Temporary resident	1,500	1,500	500	D	D
Industrial engineers	3,000	3,500	S	D	500
U.S. citizen	3,000	2,500	S	D	500
Native-born	2,000	3,000	S	D	500
Naturalized	4,500	3,500	D	D	D
Non-U.S. citizen	2,500	3,000	1,000	D	D
Permanent resident	39,000	39,000	D	D	D
Temporary resident	3,000	3,000	1,000	D	D
Mechanical engineers	1,000	1,000	20,500	D	3,000
U.S. citizen	1,000	1,000	16,500	D	3,500
Native-born	1,500	1,500	16,000	D	4,500
Naturalized	1,000	1,500	S	D	2,500
Non-U.S. citizen	2,000	1,500	4,500	D	D
Permanent resident	5,000	5,000	D	D	D
Temporary resident	1,500	7,000	5,000	D	D
Postsecondary teachers-engineering	5,000	D	1,500	7,000	25,500
U.S. citizen	4,000	D	6,000	7,000	25,500
Native-born	1,500	D	5,500	6,500	D
Naturalized	5,500	D	4,500	D	D
Non-U.S. citizen	4,000	D	3,500	D	D
Permanent resident	3,500	D	4,000	D	D
Temporary resident	S	D	S	D	D
Other engineers	2,500	500	13,500	D	2,500
U.S. citizen	1,500	1,500	3,500	D	2,500
Native-born	2,500	500	7,000	D	4,000
Naturalized	5,000	4,000	S	D	5,000
Non-U.S. citizen	6,500	1,500	1,500	D	11,000
Permanent resident	3,500	7,000	2,000	D	5,000
Temporary resident	3,500	7,500	9,500	D	D
S&E-related occupations	1,000	2,000	3,000	1,000	2,000
U.S. citizen	1,000	2,000	3,500	1,000	2,500
Native-born	500	1,000	1,000	1,000	2,500
Naturalized	500	2,500	7,000	3,500	3,000
Non-U.S. citizen	4,500	2,000	20,500	6,500	13,500
Permanent resident	5,000	5,000	6,500	5,000	13,500
Temporary resident	12,500	1,000	7,500	1,000	D

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Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/industry	4-year college/university	Other educational institution	Government
Health occupations	1,000	1,500	10,000	2,500	2,500
U.S. citizen	1,000	1,500	8,500	2,500	2,500
Native-born	1,500	2,500	1,000	2,500	4,500
Naturalized	1,000	3,000	5,500	10,500	4,000
Non-U.S. citizen	10,000	10,500	14,000	S	25,500
Permanent resident	9,500	9,000	15,000	S	22,500
Temporary resident	S	9,000	2,500	D	D
S&E managers, including health	1,000	3,000	4,500	15,500	2,000
U.S. citizen	1,000	3,000	4,000	15,500	2,000
Native-born	2,000	3,500	5,000	20,500	2,000
Naturalized	3,000	2,500	13,000	D	5,000
Non-U.S. citizen	11,500	11,500	2,500	D	D
Permanent resident	11,500	14,500	2,000	D	D
Temporary resident	9,000	8,500	D	D	D
S&E precollege teachers	1,000	D	S	1,500	14,000
U.S. citizen	1,500	D	S	1,500	14,000
Native-born	1,500	D	S	2,000	15,000
Naturalized	2,000	D	D	2,000	D
Non-U.S. citizen	4,500	D	D	4,500	D
Permanent resident	8,000	D	D	8,000	D
Temporary resident	1,000	D	D	1,000	D
S&E technicians/technologists	2,500	2,000	2,000	S	1,500
U.S. citizen	2,500	2,500	2,000	S	1,500
Native-born	2,000	3,000	1,000	S	2,000
Naturalized	3,500	4,000	3,000	D	8,500
Non-U.S. citizen	9,500	3,500	7,500	D	D
Permanent resident	5,500	7,500	5,500	D	D
Temporary resident	5,500	1,500	3,500	D	D
Other S&E-related occupations	1,000	1,000	7,500	D	6,000
U.S. citizen	1,000	1,000	D	D	6,000
Native-born	1,500	1,000	D	D	11,500
Naturalized	5,000	4,500	D	D	6,000
Non-U.S. citizen	9,500	9,500	D	D	D
Permanent resident	11,000	10,500	D	D	D
Temporary resident	S	S	D	D	D
Non-S&E occupations	1,500	500	1,500	1,000	1,500
U.S. citizen	1,000	500	1,000	1,500	2,500
Native-born	1,500	500	2,500	1,000	1,500
Naturalized	2,000	1,000	2,500	2,500	2,500
Non-U.S. citizen	4,000	5,500	1,500	S	2,000
Permanent resident	4,000	5,500	4,000	S	2,000
Temporary resident	5,500	11,000	2,000	500	D
Arts/humanities/related occupations	7,000	4,000	2,000	S	4,000
U.S. citizen	4,000	4,000	2,500	S	4,000
Native-born	3,000	8,000	2,000	S	3,500
Naturalized	7,000	8,500	D	D	13,000
Non-U.S. citizen	11,500	15,000	D	D	D
Permanent resident	S	S	D	D	D
Temporary resident	3,000	3,000	D	D	D

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		Business/industry	4-year college/university	Other educational institution	Government
Management-related occupations	2,000	500	5,500	6,500	2,500
U.S. citizen	2,000	500	5,500	6,500	2,500
Native-born	2,000	500	5,000	6,500	2,000
Naturalized	4,500	6,500	5,000	D	5,500
Non-U.S. citizen	4,000	4,000	3,500	D	S
Permanent resident	6,000	7,500	1,000	D	S
Temporary resident	1,000	5,500	D	D	D
Non-S&E managers	2,000	2,500	4,500	2,000	4,500
U.S. citizen	2,000	2,000	4,500	2,000	4,500
Native-born	1,500	1,500	3,500	2,000	5,000
Naturalized	3,500	6,500	21,500	20,000	2,500
Non-U.S. citizen	11,000	10,500	24,500	D	D
Permanent resident	12,000	11,500	12,500	D	D
Temporary resident	39,000	D	D	D	D
Non-S&E postsecondary teachers	3,500	13,000	1,500	7,000	1,000
U.S. citizen	3,500	10,000	1,500	6,500	1,000
Native-born	4,500	7,500	1,500	7,000	1,000
Naturalized	10,000	D	10,000	S	D
Non-U.S. citizen	16,000	D	13,500	D	D
Permanent resident	15,000	D	10,500	D	D
Temporary resident	12,000	D	12,000	D	D
Non-S&E precollege/other teachers	1,000	5,000	6,500	1,000	14,000
U.S. citizen	1,500	5,000	6,500	1,000	17,500
Native-born	1,500	5,000	6,500	1,500	S
Naturalized	3,500	S	D	3,500	D
Non-U.S. citizen	S	D	D	S	D
Permanent resident	S	D	D	S	D
Temporary resident	8,000	D	D	D	D
Sales/marketing occupations	3,000	3,000	D	8,500	23,000
U.S. citizen	4,000	3,000	D	8,500	25,000
Native-born	3,000	3,000	D	8,500	27,500
Naturalized	8,000	8,500	D	D	D
Non-U.S. citizen	16,500	16,500	D	D	D
Permanent resident	16,000	16,000	D	D	D
Temporary resident	S	S	D	D	D
Social services/related occupations	1,000	500	2,000	2,000	3,000
U.S. citizen	1,000	1,000	2,500	2,000	3,000
Native-born	1,000	1,000	2,500	2,000	3,000
Naturalized	2,000	2,500	12,000	10,000	6,000
Non-U.S. citizen	13,000	6,500	D	D	7,000
Permanent resident	12,000	9,500	D	D	7,000
Temporary resident	D	D	D	D	D
Other non-S&E occupations	1,500	1,500	2,000	3,000	1,500
U.S. citizen	5,500	2,000	2,000	3,000	2,500
Native-born	1,500	2,000	1,500	4,000	2,000
Naturalized	3,000	2,000	6,500	7,000	4,000
Non-U.S. citizen	6,000	5,000	5,000	S	1,500
Permanent resident	9,000	5,000	1,000	S	1,500
Temporary resident	8,000	D	1,000	D	D

TABLE A-14. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2008

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Bachelor's degrees, all occupations	500	1,000	1,000	500	500
U.S. citizen	500	1,500	1,500	500	500
Native-born	1,000	1,000	2,000	500	500
Naturalized	1,500	3,000	4,000	1,500	2,000
Non-U.S. citizen	5,000	5,000	2,000	8,000	4,000
Permanent resident	6,000	3,500	8,500	14,000	3,500
Temporary resident	3,500	6,500	1,000	D	D
S&E occupations	500	500	1,500	2,500	500
U.S. citizen	500	500	2,500	2,500	500
Native-born	500	500	3,500	4,500	500
Naturalized	1,500	3,000	8,000	14,500	3,000
Non-U.S. citizen	2,000	1,500	1,500	D	7,000
Permanent resident	1,500	4,000	5,000	D	8,000
Temporary resident	4,500	2,500	2,000	D	D
Science occupations	500	500	2,000	4,500	2,000
U.S. citizen	1,500	2,000	1,000	4,500	2,000
Native-born	500	3,000	2,000	6,500	2,000
Naturalized	3,500	4,500	9,500	15,500	6,000
Non-U.S. citizen	2,500	4,500	1,500	D	4,500
Permanent resident	3,000	5,000	4,000	D	5,000
Temporary resident	8,500	6,500	2,000	D	D
Biological/agricultural/other life scientists	2,500	3,500	500	S	3,500
U.S. citizen	1,000	4,500	500	S	3,500
Native-born	2,000	3,500	500	S	3,000
Naturalized	8,500	2,000	12,000	D	10,000
Non-U.S. citizen	4,000	19,000	3,000	D	D
Permanent resident	6,500	S	5,500	D	D
Temporary resident	1,000	D	D	D	D
Agricultural/food scientists	2,500	3,500	2,500	D	14,000
U.S. citizen	3,000	3,500	6,500	D	14,000
Native-born	3,000	3,500	6,500	D	14,000
Naturalized	D	D	D	D	D
Non-U.S. citizen	D	D	D	D	D
Permanent resident	D	D	D	D	D
Temporary resident	D	D	D	D	D
Biological/medical scientists	1,500	1,500	1,000	D	2,500
U.S. citizen	2,000	1,500	1,000	D	2,500
Native-born	2,000	2,500	1,500	D	4,500
Naturalized	2,500	2,000	7,000	D	4,500
Non-U.S. citizen	2,500	S	2,500	D	D
Permanent resident	7,500	15,500	D	D	D
Temporary resident	1,000	D	D	D	D
Environmental life scientists	6,000	7,500	D	D	4,500
U.S. citizen	5,500	D	D	D	4,500
Native-born	4,500	D	D	D	3,000
Naturalized	D	D	D	D	D
Non-U.S. citizen	D	D	D	D	D
Permanent resident	D	D	D	D	D
Temporary resident	D	D	D	D	D

TABLE A-14. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2008

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/industry	4-year college/university	Other educational institution	Government
Postsecondary teachers-life/related sciences	4,500	D	1,500	S	D
U.S. citizen	3,000	D	1,500	S	D
Native-born	8,500	D	1,500	S	D
Naturalized	D	D	D	D	D
Non-U.S. citizen	D	D	D	D	D
Permanent resident	D	D	D	D	D
Temporary resident	D	D	D	D	D
Computer/mathematical scientists	1,000	1,500	2,000	2,500	2,500
U.S. citizen	1,500	1,500	1,000	2,500	2,500
Native-born	1,000	500	1,500	2,000	3,000
Naturalized	4,000	2,000	16,500	15,000	2,500
Non-U.S. citizen	4,500	3,000	6,500	D	4,000
Permanent resident	5,500	4,500	26,000	D	4,500
Temporary resident	3,000	5,500	3,500	D	D
Computer/information scientists	500	1,000	1,000	6,500	2,500
U.S. citizen	500	1,500	1,000	6,500	2,500
Native-born	2,500	1,000	500	3,500	3,500
Naturalized	2,500	2,500	3,500	D	3,000
Non-U.S. citizen	4,000	3,000	S	D	4,000
Permanent resident	5,500	4,500	D	D	4,500
Temporary resident	6,000	6,000	D	D	D
Mathematical scientists	7,500	5,000	1,500	D	4,000
U.S. citizen	10,000	5,500	4,500	D	4,000
Native-born	8,000	8,000	5,000	D	5,000
Naturalized	8,000	10,000	D	D	D
Non-U.S. citizen	D	D	D	D	D
Permanent resident	D	D	D	D	D
Temporary resident	D	D	D	D	D
Postsecondary teachers-computer/mathematical sciences	1,500	D	2,500	9,000	D
U.S. citizen	2,500	D	4,500	9,000	D
Native-born	5,500	D	2,500	9,000	D
Naturalized	1,500	D	1,500	D	D
Non-U.S. citizen	3,000	D	3,000	D	D
Permanent resident	D	D	D	D	D
Temporary resident	3,000	D	3,000	D	D
Physical/related scientists	1,000	2,500	1,000	D	4,500
U.S. citizen	1,000	2,500	500	D	4,000
Native-born	2,000	3,500	1,000	D	4,500
Naturalized	6,500	3,500	11,000	D	3,000
Non-U.S. citizen	11,000	14,500	2,000	D	D
Permanent resident	13,000	17,000	D	D	D
Temporary resident	1,000	D	1,000	D	D
Chemists, except biochemists	1,500	2,500	2,500	D	8,500
U.S. citizen	2,500	2,500	500	D	8,500
Native-born	1,500	3,500	1,000	D	8,500
Naturalized	6,500	4,000	D	D	5,500
Non-U.S. citizen	8,000	12,500	D	D	D
Permanent resident	6,500	9,500	D	D	D
Temporary resident	1,500	D	D	D	D

TABLE A-14. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2008

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/industry	4-year college/university	Other educational institution	Government
Earth/atmospheric/ocean scientists	6,000	7,000	6,000	D	4,000
U.S. citizen	6,500	7,500	6,000	D	4,000
Native-born	6,500	20,500	6,000	D	4,000
Naturalized	19,000	19,000	D	D	D
Non-U.S. citizen	D	D	D	D	D
Permanent resident	D	D	D	D	D
Temporary resident	D	D	D	D	D
Physicists/astronomers	S	D	1,500	D	13,000
U.S. citizen	11,500	9,000	4,000	D	13,000
Native-born	6,000	17,000	7,000	D	13,000
Naturalized	D	D	D	D	D
Non-U.S. citizen	D	D	D	D	D
Permanent resident	D	D	D	D	D
Temporary resident	D	D	D	D	D
Postsecondary teachers-physical/related sciences	2,500	D	2,500	D	D
U.S. citizen	2,000	D	3,500	D	D
Native-born	1,500	D	2,000	D	D
Naturalized	D	D	D	D	D
Non-U.S. citizen	D	D	D	D	D
Permanent resident	D	D	D	D	D
Temporary resident	D	D	D	D	D
Other physical/related scientists	5,500	13,000	D	D	9,000
U.S. citizen	5,500	13,000	D	D	9,000
Native-born	5,500	13,000	D	D	8,500
Naturalized	D	D	D	D	D
Non-U.S. citizen	D	D	D	D	D
Permanent resident	D	D	D	D	D
Temporary resident	D	D	D	D	D
Social/related scientists	4,000	4,500	1,000	8,000	5,500
U.S. citizen	4,500	4,000	1,000	7,000	5,500
Native-born	4,000	7,000	1,000	4,000	8,000
Naturalized	5,500	11,000	6,000	D	13,500
Non-U.S. citizen	1,500	D	1,500	D	D
Permanent resident	S	D	D	D	D
Temporary resident	D	D	D	D	D
Economists	8,500	5,000	D	D	16,500
U.S. citizen	8,500	5,000	D	D	16,500
Native-born	11,500	5,000	D	D	21,500
Naturalized	D	D	D	D	D
Non-U.S. citizen	D	D	D	D	D
Permanent resident	D	D	D	D	D
Temporary resident	D	D	D	D	D
Political/related scientists	1,500	4,500	1,500	D	3,500
U.S. citizen	3,000	4,500	2,000	D	3,500
Native-born	1,000	D	2,000	D	3,500
Naturalized	D	D	D	D	D
Non-U.S. citizen	D	D	D	D	D
Permanent resident	D	D	D	D	D
Temporary resident	D	D	D	D	D

TABLE A-14. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2008

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/industry	4-year college/university	Other educational institution	Government
Postsecondary teachers-social/related sciences	1,000	D	500	4,000	D
U.S. citizen	2,500	D	1,000	4,000	D
Native-born	2,000	D	500	4,000	D
Naturalized	D	D	D	D	D
Non-U.S. citizen	2,000	D	2,000	D	D
Permanent resident	D	D	D	D	D
Temporary resident	D	D	D	D	D
Psychologists	2,000	1,000	5,500	S	D
U.S. citizen	2,000	1,000	6,000	S	D
Native-born	4,500	1,500	2,500	D	D
Naturalized	2,500	D	5,500	D	D
Non-U.S. citizen	D	D	D	D	D
Permanent resident	D	D	D	D	D
Temporary resident	D	D	D	D	D
Sociologists/anthropologists	2,000	10,000	D	D	D
U.S. citizen	2,000	10,000	D	D	D
Native-born	2,500	5,000	D	D	D
Naturalized	D	D	D	D	D
Non-U.S. citizen	D	D	D	D	D
Permanent resident	D	D	D	D	D
Temporary resident	D	D	D	D	D
Other social/related scientists	4,000	11,500	9,000	D	10,000
U.S. citizen	3,500	13,500	D	D	10,000
Native-born	3,500	11,000	D	D	11,500
Naturalized	19,500	20,000	D	D	D
Non-U.S. citizen	7,500	D	D	D	D
Permanent resident	7,500	D	D	D	D
Temporary resident	D	D	D	D	D
Engineering occupations	2,000	1,000	2,000	8,000	2,500
U.S. citizen	1,500	1,000	4,000	8,000	4,500
Native-born	1,500	1,000	3,000	8,500	3,000
Naturalized	1,000	3,000	1,500	D	4,000
Non-U.S. citizen	7,000	5,500	5,500	D	13,500
Permanent resident	6,500	6,000	D	D	9,500
Temporary resident	5,500	7,500	7,000	D	D
Aerospace/aeronautical/astronautical engineers	4,500	5,000	3,000	D	6,000
U.S. citizen	4,500	4,500	3,000	D	6,000
Native-born	3,500	5,500	2,000	D	6,500
Naturalized	7,500	8,500	D	D	D
Non-U.S. citizen	21,000	21,000	D	D	D
Permanent resident	21,500	21,500	D	D	D
Temporary resident	D	D	D	D	D
Chemical engineers	3,500	3,500	3,500	D	13,500
U.S. citizen	3,500	3,500	D	D	13,500
Native-born	3,000	5,000	D	D	8,000
Naturalized	11,500	13,500	D	D	D
Non-U.S. citizen	24,000	27,000	D	D	D
Permanent resident	24,500	D	D	D	D
Temporary resident	8,000	D	D	D	D

TABLE A-14. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2008

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/industry	4-year college/university	Other educational institution	Government
Civil/architectural/sanitary engineers	2,000	1,500	500	D	4,000
U.S. citizen	2,000	1,500	500	D	3,500
Native-born	2,000	2,500	500	D	3,500
Naturalized	4,500	6,000	D	D	3,500
Non-U.S. citizen	12,000	15,000	D	D	D
Permanent resident	11,000	8,500	D	D	D
Temporary resident	12,500	5,500	D	D	D
Electrical/computer hardware engineers	1,500	2,000	18,000	D	3,500
U.S. citizen	1,500	3,500	22,500	D	3,500
Native-born	1,500	4,000	23,000	D	4,500
Naturalized	3,500	3,500	D	D	7,500
Non-U.S. citizen	10,500	12,500	D	D	D
Permanent resident	9,000	7,000	D	D	D
Temporary resident	3,000	3,000	D	D	D
Industrial engineers	2,000	2,000	D	D	1,000
U.S. citizen	2,000	2,500	D	D	1,000
Native-born	3,000	2,500	D	D	1,500
Naturalized	2,500	2,500	D	D	D
Non-U.S. citizen	2,000	2,000	D	D	D
Permanent resident	15,500	15,500	D	D	D
Temporary resident	D	D	D	D	D
Mechanical engineers	2,000	2,500	S	D	3,500
U.S. citizen	2,500	2,500	S	D	3,500
Native-born	2,000	2,500	20,500	D	4,500
Naturalized	4,500	5,500	D	D	5,500
Non-U.S. citizen	10,000	10,000	D	D	D
Permanent resident	13,500	17,500	D	D	D
Temporary resident	S	14,000	D	D	D
Postsecondary teachers-engineering	S	D	2,000	5,500	D
U.S. citizen	21,000	D	6,500	5,500	D
Native-born	5,000	D	S	5,500	D
Naturalized	500	D	D	D	D
Non-U.S. citizen	D	D	D	D	D
Permanent resident	D	D	D	D	D
Temporary resident	D	D	D	D	D
Other engineers	1,000	4,500	2,000	D	3,500
U.S. citizen	1,500	2,500	1,000	D	4,000
Native-born	1,500	3,000	1,500	D	5,500
Naturalized	2,000	3,500	D	D	12,500
Non-U.S. citizen	7,500	17,500	D	D	D
Permanent resident	8,500	16,500	D	D	D
Temporary resident	S	S	D	D	D
S&E-related occupations	1,000	500	1,000	1,500	500
U.S. citizen	1,000	500	1,000	1,500	500
Native-born	2,000	500	2,500	2,000	1,000
Naturalized	3,000	1,000	7,000	3,000	1,500
Non-U.S. citizen	3,500	3,500	10,500	13,500	17,000
Permanent resident	5,500	5,000	8,000	17,000	17,000
Temporary resident	5,500	S	D	D	D

TABLE A-14. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2008

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/industry	4-year college/university	Other educational institution	Government
Health occupations	1,500	1,500	1,000	1,500	2,000
U.S. citizen	1,000	1,500	1,000	1,500	2,500
Native-born	500	1,500	2,000	2,000	1,500
Naturalized	2,500	2,000	10,000	D	1,500
Non-U.S. citizen	9,500	9,500	S	D	D
Permanent resident	12,500	12,500	D	D	D
Temporary resident	D	3,500	D	D	D
S&E managers, including health	2,000	4,000	11,000	3,000	4,500
U.S. citizen	2,500	4,000	11,000	3,000	5,000
Native-born	3,000	4,500	12,000	4,000	4,500
Naturalized	3,500	6,500	D	D	24,500
Non-U.S. citizen	18,000	20,500	D	D	D
Permanent resident	19,500	22,000	D	D	D
Temporary resident	D	D	D	D	D
S&E precollege teachers	1,500	D	D	1,500	D
U.S. citizen	1,500	D	D	1,500	D
Native-born	1,500	D	D	2,000	D
Naturalized	2,000	D	D	2,000	D
Non-U.S. citizen	6,000	D	D	6,000	D
Permanent resident	11,000	D	D	11,000	D
Temporary resident	D	D	D	D	D
S&E technicians/technologists	2,500	3,500	2,500	31,000	3,000
U.S. citizen	2,500	2,500	2,000	31,000	3,000
Native-born	2,500	2,500	3,000	24,500	4,500
Naturalized	5,000	4,500	2,500	D	9,000
Non-U.S. citizen	13,500	11,500	12,000	D	D
Permanent resident	23,000	23,000	D	D	D
Temporary resident	4,500	4,500	D	D	D
Other S&E-related occupations	3,000	2,500	8,500	D	10,500
U.S. citizen	3,000	2,500	D	D	10,500
Native-born	4,500	4,000	D	D	21,500
Naturalized	3,500	4,500	D	D	D
Non-U.S. citizen	28,000	28,000	D	D	D
Permanent resident	22,000	23,000	D	D	D
Temporary resident	D	D	D	D	D
Non-S&E occupations	1,000	1,500	2,500	2,000	1,500
U.S. citizen	500	1,500	2,500	2,000	2,000
Native-born	500	1,500	2,000	2,000	2,000
Naturalized	2,500	1,000	6,000	3,500	3,000
Non-U.S. citizen	2,500	9,000	3,500	S	1,500
Permanent resident	3,000	9,500	2,000	S	1,500
Temporary resident	7,000	11,500	D	D	D
Arts/humanities/related occupations	2,500	5,000	11,000	4,000	17,000
U.S. citizen	2,500	5,000	10,500	5,500	17,500
Native-born	2,500	5,000	10,500	2,500	14,500
Naturalized	13,500	15,000	D	D	D
Non-U.S. citizen	S	D	D	D	D
Permanent resident	S	D	D	D	D
Temporary resident	D	D	D	D	D

TABLE A-14. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2008

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Management-related occupations	3,000	1,500	3,000	14,000	3,500
U.S. citizen	4,500	1,500	3,000	14,000	3,500
Native-born	2,000	2,500	2,500	12,500	3,500
Naturalized	2,000	1,500	9,500	D	4,000
Non-U.S. citizen	15,000	17,500	D	D	D
Permanent resident	20,500	18,500	D	D	D
Temporary resident	3,500	3,500	D	D	D
Non-S&E managers	3,500	3,500	24,000	2,500	4,500
U.S. citizen	3,500	4,000	24,500	3,000	4,500
Native-born	3,500	3,500	20,500	3,000	6,000
Naturalized	4,000	6,000	4,500	D	7,500
Non-U.S. citizen	14,500	16,000	D	D	D
Permanent resident	14,000	16,000	D	D	D
Temporary resident	D	D	D	D	D
Non-S&E postsecondary teachers	4,000	S	2,500	8,500	D
U.S. citizen	3,500	S	3,000	8,500	D
Native-born	4,500	S	4,000	6,500	D
Naturalized	D	D	D	D	D
Non-U.S. citizen	D	D	D	D	D
Permanent resident	D	D	D	D	D
Temporary resident	D	D	D	D	D
Non-S&E precollege/other teachers	2,000	4,500	D	2,000	D
U.S. citizen	2,000	4,500	D	3,000	D
Native-born	3,000	4,500	D	2,000	D
Naturalized	5,000	D	D	5,000	D
Non-U.S. citizen	S	D	D	S	D
Permanent resident	S	D	D	S	D
Temporary resident	D	D	D	D	D
Sales/marketing occupations	2,000	1,500	12,500	8,500	22,000
U.S. citizen	2,500	2,500	12,500	8,500	22,000
Native-born	1,500	1,000	11,500	8,500	21,000
Naturalized	1,000	2,000	D	D	D
Non-U.S. citizen	15,500	15,500	D	D	D
Permanent resident	14,500	14,500	D	D	D
Temporary resident	D	D	D	D	D
Social services/related occupations	1,000	1,000	5,000	5,000	1,500
U.S. citizen	1,000	1,000	5,000	4,000	2,000
Native-born	500	1,000	7,000	1,000	2,500
Naturalized	3,500	8,000	D	D	6,500
Non-U.S. citizen	S	9,000	D	D	D
Permanent resident	S	9,000	D	D	D
Temporary resident	D	D	D	D	D
Other non-S&E occupations	500	1,500	4,500	5,000	1,500
U.S. citizen	500	1,500	3,000	4,500	1,000
Native-born	1,000	1,000	2,500	5,000	1,000
Naturalized	500	2,000	S	S	3,000
Non-U.S. citizen	5,000	4,500	6,500	D	1,500
Permanent resident	8,500	4,500	9,000	D	1,500
Temporary resident	D	D	D	D	D

TABLE A-14. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2008

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/industry	4-year college/university	Other educational institution	Government
Master's degrees, all occupations	500	1,500	2,000	1,000	1,500
U.S. citizen	500	1,500	1,000	1,000	1,500
Native-born	1,000	500	2,000	1,500	1,500
Naturalized	1,000	2,000	3,500	3,500	2,500
Non-U.S. citizen	500	2,000	500	14,000	6,500
Permanent resident	3,000	6,000	5,000	9,000	7,500
Temporary resident	1,000	3,000	1,500	8,000	2,500
S&E occupations	1,000	1,500	3,500	2,000	2,500
U.S. citizen	1,000	1,500	1,500	3,000	3,000
Native-born	1,000	1,500	3,000	2,000	2,500
Naturalized	1,500	2,000	6,000	9,000	4,000
Non-U.S. citizen	5,000	500	500	4,000	5,500
Permanent resident	3,000	3,000	7,000	15,500	11,000
Temporary resident	500	1,500	3,000	11,500	2,500
Science occupations	1,500	500	2,000	1,500	3,500
U.S. citizen	1,500	1,000	1,500	2,000	4,000
Native-born	1,500	2,000	3,000	1,500	2,500
Naturalized	1,000	2,500	6,000	8,500	2,000
Non-U.S. citizen	1,000	3,500	1,500	4,000	13,000
Permanent resident	3,000	3,000	5,000	15,500	13,000
Temporary resident	1,000	2,000	2,000	11,500	2,000
Biological/agricultural/other life scientists	4,500	4,000	3,000	4,000	1,500
U.S. citizen	4,500	4,000	3,000	4,000	1,500
Native-born	3,000	3,500	3,000	4,500	2,000
Naturalized	10,500	3,500	3,500	D	3,500
Non-U.S. citizen	1,000	4,000	14,500	D	D
Permanent resident	3,500	4,500	6,500	D	D
Temporary resident	7,500	5,500	1,000	D	D
Agricultural/food scientists	9,000	11,000	4,500	D	10,500
U.S. citizen	13,000	10,000	5,000	D	10,500
Native-born	9,000	17,500	5,000	D	10,500
Naturalized	D	D	D	D	D
Non-U.S. citizen	11,500	2,000	D	D	D
Permanent resident	D	D	D	D	D
Temporary resident	4,500	D	D	D	D
Biological/medical scientists	2,500	4,000	5,000	D	3,000
U.S. citizen	2,000	4,000	6,000	D	4,000
Native-born	3,500	5,000	5,500	D	4,000
Naturalized	6,500	3,000	4,500	D	3,500
Non-U.S. citizen	1,500	6,000	8,000	D	D
Permanent resident	3,000	9,500	6,000	D	D
Temporary resident	3,000	11,000	D	D	D
Environmental life scientists	4,500	6,500	2,000	D	5,500
U.S. citizen	6,000	6,500	D	D	5,500
Native-born	7,500	6,000	D	D	6,000
Naturalized	D	D	D	D	D
Non-U.S. citizen	D	D	D	D	D
Permanent resident	D	D	D	D	D
Temporary resident	D	D	D	D	D

TABLE A-14. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2008

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/industry	4-year college/university	Other educational institution	Government
Postsecondary teachers-life/related sciences	2,000	D	7,500	4,000	D
U.S. citizen	3,000	D	5,500	4,000	D
Native-born	3,500	D	4,000	4,000	D
Naturalized	S	D	5,500	D	D
Non-U.S. citizen	2,500	D	D	D	D
Permanent resident	D	D	D	D	D
Temporary resident	D	D	D	D	D
Computer/mathematical scientists	1,500	2,000	2,500	2,500	4,000
U.S. citizen	1,500	2,000	2,500	2,000	4,500
Native-born	1,500	2,500	3,500	2,500	8,000
Naturalized	2,500	1,000	16,000	13,000	2,500
Non-U.S. citizen	2,500	1,000	4,500	15,500	29,000
Permanent resident	3,000	3,000	9,500	9,500	20,500
Temporary resident	4,500	6,500	3,500	D	2,000
Computer/information scientists	2,000	1,500	3,000	3,500	3,500
U.S. citizen	2,000	2,500	2,500	3,500	3,500
Native-born	2,000	2,000	4,000	1,500	8,000
Naturalized	1,500	500	5,000	17,500	2,000
Non-U.S. citizen	2,000	1,000	4,500	D	10,000
Permanent resident	2,500	3,000	8,000	D	13,000
Temporary resident	2,000	5,000	10,000	D	9,000
Mathematical scientists	2,500	3,000	1,500	D	2,500
U.S. citizen	3,000	5,500	7,000	D	2,500
Native-born	3,000	12,500	3,000	D	3,000
Naturalized	11,500	12,000	22,500	D	8,000
Non-U.S. citizen	6,000	4,000	3,000	D	D
Permanent resident	2,000	1,500	D	D	D
Temporary resident	8,500	5,500	2,000	D	D
Postsecondary teachers-computer/mathematical sciences	3,500	D	3,000	6,500	D
U.S. citizen	4,000	D	3,000	7,000	D
Native-born	5,000	D	4,500	9,000	D
Naturalized	6,000	D	9,000	2,500	D
Non-U.S. citizen	11,000	D	S	D	D
Permanent resident	14,000	D	14,000	D	D
Temporary resident	1,000	D	2,000	D	D
Physical/related scientists	2,000	2,500	1,000	12,500	6,500
U.S. citizen	3,500	4,000	1,500	12,500	5,500
Native-born	4,000	5,000	2,000	5,000	5,000
Naturalized	4,000	6,000	S	D	10,000
Non-U.S. citizen	2,500	16,500	500	D	12,000
Permanent resident	7,500	19,000	13,500	D	D
Temporary resident	500	4,000	2,500	D	D
Chemists, except biochemists	4,500	5,000	1,500	D	14,000
U.S. citizen	5,000	2,500	500	D	14,500
Native-born	10,000	6,500	500	D	19,500
Naturalized	4,500	4,500	D	D	8,500
Non-U.S. citizen	2,000	15,500	5,000	D	D
Permanent resident	9,500	D	10,000	D	D
Temporary resident	4,500	1,000	D	D	D

TABLE A-14. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2008

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/industry	4-year college/university	Other educational institution	Government
Earth/atmospheric/ocean scientists	5,000	6,500	6,500	D	13,500
U.S. citizen	4,000	6,500	12,000	D	9,000
Native-born	4,500	7,000	12,000	D	9,000
Naturalized	12,500	20,000	D	D	5,500
Non-U.S. citizen	10,500	S	13,000	D	D
Permanent resident	6,500	D	D	D	D
Temporary resident	15,000	D	D	D	D
Physicists/astronomers	21,500	11,500	2,000	D	21,500
U.S. citizen	5,500	16,500	3,500	D	21,000
Native-born	6,000	16,500	4,500	D	14,000
Naturalized	D	D	D	D	D
Non-U.S. citizen	500	D	2,500	D	D
Permanent resident	33,500	D	D	D	D
Temporary resident	3,000	D	1,500	D	D
Postsecondary teachers-physical/related sciences	7,500	D	2,000	12,500	D
U.S. citizen	S	D	7,000	12,500	D
Native-born	S	D	4,000	5,000	D
Naturalized	S	D	D	D	D
Non-U.S. citizen	1,000	D	1,000	D	D
Permanent resident	D	D	D	D	D
Temporary resident	1,000	D	D	D	D
Other physical/related scientists	7,000	6,000	13,500	D	5,500
U.S. citizen	7,500	7,000	8,000	D	5,500
Native-born	7,000	6,000	8,000	D	5,500
Naturalized	D	D	D	D	D
Non-U.S. citizen	D	D	D	D	D
Permanent resident	D	D	D	D	D
Temporary resident	D	D	D	D	D
Social/related scientists	2,500	4,500	2,000	2,000	7,000
U.S. citizen	1,500	5,500	3,000	2,000	7,000
Native-born	2,500	6,500	5,000	2,500	9,000
Naturalized	6,500	9,500	3,000	7,500	D
Non-U.S. citizen	13,500	5,000	1,000	D	17,000
Permanent resident	9,000	12,000	D	D	D
Temporary resident	1,500	4,000	1,500	D	D
Economists	15,500	25,000	D	D	23,000
U.S. citizen	18,000	18,500	D	D	23,500
Native-born	18,000	17,500	D	D	23,500
Naturalized	12,000	12,000	D	D	D
Non-U.S. citizen	24,500	36,500	D	D	D
Permanent resident	D	D	D	D	D
Temporary resident	S	S	D	D	D
Political/related scientists	11,500	9,500	D	D	D
U.S. citizen	11,500	15,500	D	D	D
Native-born	13,000	16,000	D	D	D
Naturalized	D	D	D	D	D
Non-U.S. citizen	S	D	D	D	D
Permanent resident	D	D	D	D	D
Temporary resident	D	D	D	D	D

TABLE A-14. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2008

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/industry	4-year college/university	Other educational institution	Government
Postsecondary teachers-social/related sciences	7,000	D	1,500	15,500	D
U.S. citizen	S	D	6,500	18,500	D
Native-born	S	D	6,000	16,500	D
Naturalized	14,500	D	10,500	D	D
Non-U.S. citizen	1,000	D	1,500	D	D
Permanent resident	D	D	D	D	D
Temporary resident	1,000	D	1,000	D	D
Psychologists	2,000	2,000	3,500	2,000	10,500
U.S. citizen	2,000	2,000	6,500	2,000	11,000
Native-born	2,500	2,500	S	2,500	10,000
Naturalized	5,500	12,500	7,000	6,500	D
Non-U.S. citizen	10,000	16,500	D	D	D
Permanent resident	S	D	D	D	D
Temporary resident	6,000	D	D	D	D
Sociologists/anthropologists	9,000	4,500	500	D	1,000
U.S. citizen	9,500	5,000	500	D	1,000
Native-born	8,000	4,500	500	D	1,000
Naturalized	D	D	D	D	D
Non-U.S. citizen	D	D	D	D	D
Permanent resident	D	D	D	D	D
Temporary resident	D	D	D	D	D
Other social/related scientists	6,500	4,000	4,500	D	8,500
U.S. citizen	9,000	3,500	20,500	D	8,000
Native-born	8,000	3,500	18,500	D	11,000
Naturalized	8,500	15,500	D	D	D
Non-U.S. citizen	13,500	11,500	3,000	D	D
Permanent resident	13,000	24,500	D	D	D
Temporary resident	3,000	D	4,000	D	D
Engineering occupations	2,000	500	4,500	8,000	2,500
U.S. citizen	500	1,500	8,500	8,000	2,500
Native-born	1,500	2,000	9,000	7,000	2,500
Naturalized	2,000	1,000	S	D	4,500
Non-U.S. citizen	6,500	500	1,000	D	3,500
Permanent resident	5,000	4,500	2,000	D	6,000
Temporary resident	2,500	2,000	2,500	D	7,500
Aerospace/aeronautical/astronautical engineers	4,500	5,000	3,500	D	8,500
U.S. citizen	3,500	4,500	D	D	9,000
Native-born	3,500	4,500	D	D	13,500
Naturalized	10,000	6,000	D	D	S
Non-U.S. citizen	15,500	15,000	1,000	D	D
Permanent resident	18,000	13,000	D	D	D
Temporary resident	1,500	5,500	1,000	D	D
Chemical engineers	5,000	4,500	500	D	12,000
U.S. citizen	6,500	5,500	D	D	10,500
Native-born	7,000	7,000	D	D	D
Naturalized	5,000	4,500	D	D	D
Non-U.S. citizen	22,000	16,000	D	D	D
Permanent resident	13,500	12,000	D	D	D
Temporary resident	18,000	12,000	D	D	D

TABLE A-14. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2008

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/industry	4-year college/university	Other educational institution	Government
Civil/architectural/sanitary engineers	2,500	2,000	S	D	2,500
U.S. citizen	1,500	2,000	S	D	2,500
Native-born	2,500	3,500	D	D	3,000
Naturalized	3,000	1,500	D	D	4,000
Non-U.S. citizen	2,500	2,500	D	D	6,000
Permanent resident	12,500	10,000	D	D	8,000
Temporary resident	2,000	2,000	D	D	D
Electrical/computer hardware engineers	1,000	500	4,500	D	8,500
U.S. citizen	4,500	3,500	S	D	11,500
Native-born	500	1,000	S	D	9,500
Naturalized	2,000	2,500	D	D	5,000
Non-U.S. citizen	2,500	1,500	500	D	D
Permanent resident	7,000	7,500	D	D	D
Temporary resident	1,500	3,500	1,000	D	D
Industrial engineers	3,000	3,000	1,500	D	D
U.S. citizen	3,500	3,500	D	D	D
Native-born	3,000	3,000	D	D	D
Naturalized	7,000	7,000	D	D	D
Non-U.S. citizen	9,000	14,500	1,000	D	D
Permanent resident	28,000	28,000	D	D	D
Temporary resident	6,000	11,500	1,000	D	D
Mechanical engineers	2,500	2,500	1,000	D	4,000
U.S. citizen	2,000	2,000	4,000	D	4,000
Native-born	3,500	3,500	5,000	D	9,000
Naturalized	2,500	1,500	D	D	4,500
Non-U.S. citizen	3,000	3,000	4,000	D	D
Permanent resident	11,500	11,500	D	D	D
Temporary resident	7,000	2,000	3,500	D	D
Postsecondary teachers-engineering	3,500	D	23,000	7,000	D
U.S. citizen	3,000	D	3,000	7,000	D
Native-born	3,000	D	3,000	7,000	D
Naturalized	D	D	D	D	D
Non-U.S. citizen	2,000	D	2,000	D	D
Permanent resident	D	D	D	D	D
Temporary resident	3,000	D	3,000	D	D
Other engineers	3,500	4,000	3,000	D	3,500
U.S. citizen	4,500	3,500	10,500	D	3,500
Native-born	4,500	4,500	9,000	D	5,000
Naturalized	5,500	2,000	S	D	5,000
Non-U.S. citizen	5,000	6,000	1,500	D	D
Permanent resident	7,500	19,500	D	D	D
Temporary resident	10,000	4,500	1,000	D	D
S&E-related occupations	2,000	2,500	2,500	1,000	3,000
U.S. citizen	3,000	2,500	2,500	1,000	3,500
Native-born	500	1,000	6,000	1,000	4,000
Naturalized	2,500	3,000	3,500	2,000	5,000
Non-U.S. citizen	2,500	4,000	4,500	3,000	D
Permanent resident	8,500	7,000	12,500	3,500	D
Temporary resident	4,000	5,500	7,500	D	D

TABLE A-14. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2008

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/ industry	4-year college/ university	Other educational institution	Government
Health occupations	2,000	2,500	3,000	2,000	1,000
U.S. citizen	1,500	3,000	3,500	2,000	1,000
Native-born	2,000	3,500	1,000	2,000	1,500
Naturalized	2,000	5,000	10,500	6,000	3,000
Non-U.S. citizen	8,000	8,500	S	D	D
Permanent resident	9,000	11,000	19,000	D	D
Temporary resident	7,000	S	3,500	D	D
S&E managers, including health	4,000	1,500	4,500	D	4,000
U.S. citizen	3,500	2,000	4,000	D	4,000
Native-born	3,500	2,000	7,000	D	4,000
Naturalized	3,500	3,000	4,500	D	5,000
Non-U.S. citizen	20,500	21,000	D	D	D
Permanent resident	20,500	19,500	D	D	D
Temporary resident	D	D	D	D	D
S&E precollege teachers	3,000	D	D	2,000	D
U.S. citizen	1,500	D	D	2,000	D
Native-born	1,500	D	D	1,500	D
Naturalized	2,000	D	D	2,000	D
Non-U.S. citizen	3,000	D	D	3,000	D
Permanent resident	3,500	D	D	3,500	D
Temporary resident	D	D	D	D	D
S&E technicians/technologists	4,500	3,000	3,000	6,500	1,000
U.S. citizen	4,500	3,500	3,500	6,500	1,000
Native-born	5,500	3,500	500	6,500	1,500
Naturalized	5,000	6,000	9,000	D	2,500
Non-U.S. citizen	9,500	3,500	3,000	D	D
Permanent resident	5,500	7,500	D	D	D
Temporary resident	15,000	4,500	7,000	D	D
Other S&E-related occupations	4,500	4,500	D	D	8,500
U.S. citizen	4,500	4,000	D	D	8,500
Native-born	5,500	4,500	D	D	9,500
Naturalized	6,000	5,500	D	D	D
Non-U.S. citizen	6,000	6,000	D	D	D
Permanent resident	9,000	9,000	D	D	D
Temporary resident	9,500	9,500	D	D	D
Non-S&E occupations	1,500	1,500	3,000	1,500	3,000
U.S. citizen	1,000	1,500	2,500	2,000	3,000
Native-born	1,000	3,500	3,500	2,000	3,000
Naturalized	3,500	5,000	3,000	3,500	2,500
Non-U.S. citizen	5,000	13,500	1,500	S	S
Permanent resident	5,000	9,500	7,500	S	S
Temporary resident	6,500	4,500	2,500	D	D
Arts/humanities/related occupations	2,000	2,000	7,000	S	6,000
U.S. citizen	2,500	1,500	7,500	S	6,500
Native-born	2,500	3,000	12,500	S	4,000
Naturalized	12,000	13,000	D	D	D
Non-U.S. citizen	10,000	10,500	D	D	D
Permanent resident	S	S	D	D	D
Temporary resident	3,000	3,000	D	D	D

TABLE A-14. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2008

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/industry	4-year college/university	Other educational institution	Government
Management-related occupations	1,500	2,500	1,500	8,500	3,500
U.S. citizen	2,000	2,500	1,500	8,500	3,500
Native-born	2,500	4,000	1,000	8,500	4,500
Naturalized	5,000	5,500	15,500	D	8,000
Non-U.S. citizen	9,500	10,500	D	D	D
Permanent resident	25,000	22,000	D	D	D
Temporary resident	7,500	6,000	D	D	D
Non-S&E managers	3,000	5,000	3,000	2,000	5,000
U.S. citizen	3,000	4,500	2,500	2,000	4,000
Native-born	2,500	5,000	3,000	2,000	4,000
Naturalized	6,000	7,000	D	21,000	6,500
Non-U.S. citizen	20,000	20,500	D	D	D
Permanent resident	17,000	21,000	D	D	D
Temporary resident	D	D	D	D	D
Non-S&E postsecondary teachers	6,500	S	8,000	10,000	2,500
U.S. citizen	5,500	S	7,000	10,000	2,500
Native-born	3,500	D	7,500	9,500	1,500
Naturalized	S	D	S	S	D
Non-U.S. citizen	2,000	D	3,500	D	D
Permanent resident	S	D	S	D	D
Temporary resident	4,000	D	4,000	D	D
Non-S&E precollege/other teachers	1,000	S	D	1,500	D
U.S. citizen	1,000	S	D	1,000	D
Native-born	1,000	S	D	1,000	D
Naturalized	2,500	D	D	2,500	D
Non-U.S. citizen	S	D	D	S	D
Permanent resident	S	D	D	S	D
Temporary resident	D	D	D	D	D
Sales/marketing occupations	5,000	4,500	D	D	D
U.S. citizen	5,000	4,500	D	D	D
Native-born	5,000	5,000	D	D	D
Naturalized	9,500	9,500	D	D	D
Non-U.S. citizen	14,000	14,500	D	D	D
Permanent resident	19,000	19,500	D	D	D
Temporary resident	D	D	D	D	D
Social services/related occupations	1,500	2,000	3,000	2,000	2,500
U.S. citizen	1,000	2,500	3,000	2,000	2,500
Native-born	1,000	2,500	3,000	2,000	2,000
Naturalized	5,000	3,500	5,500	6,500	9,000
Non-U.S. citizen	3,000	2,500	D	D	D
Permanent resident	9,000	7,000	D	D	D
Temporary resident	D	D	D	D	D
Other non-S&E occupations	2,000	1,500	5,000	4,000	3,000
U.S. citizen	2,500	1,500	4,500	4,500	3,500
Native-born	2,500	2,500	4,500	6,000	4,000
Naturalized	2,000	2,500	12,500	4,500	10,500
Non-U.S. citizen	S	S	3,000	D	D
Permanent resident	11,000	S	4,500	D	D
Temporary resident	16,000	11,500	2,000	D	D

TABLE A-14. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2008

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/industry	4-year college/university	Other educational institution	Government
Doctoral degrees, all occupations	1,500	2,000	1,000	2,000	2,000
U.S. citizen	500	1,500	2,000	2,000	3,000
Native-born	1,000	500	500	2,000	3,000
Naturalized	500	3,500	3,000	11,000	3,500
Non-U.S. citizen	1,500	500	1,000	3,000	7,500
Permanent resident	1,000	3,500	2,000	6,500	11,000
Temporary resident	1,000	1,000	4,000	8,000	10,000
S&E occupations	1,000	500	1,500	2,000	3,000
U.S. citizen	1,500	2,000	500	2,000	2,000
Native-born	3,000	500	1,500	2,000	2,500
Naturalized	500	1,500	2,500	6,500	3,000
Non-U.S. citizen	500	1,000	2,500	3,000	7,500
Permanent resident	1,500	500	3,000	10,500	7,500
Temporary resident	1,500	2,500	4,500	6,500	8,500
Science occupations	2,000	500	500	1,500	1,500
U.S. citizen	500	500	500	2,500	3,000
Native-born	500	2,000	1,000	2,000	3,000
Naturalized	2,500	5,000	1,000	7,500	5,000
Non-U.S. citizen	3,500	3,500	2,000	5,000	5,500
Permanent resident	2,500	1,000	1,000	14,000	6,500
Temporary resident	6,000	5,000	500	6,500	10,000
Biological/agricultural/other life scientists	2,000	3,500	3,000	1,000	2,000
U.S. citizen	2,000	1,000	2,500	1,000	4,500
Native-born	3,000	3,000	500	1,000	4,500
Naturalized	4,000	7,000	6,000	4,500	7,000
Non-U.S. citizen	5,000	3,000	1,000	D	4,500
Permanent resident	6,500	7,000	6,000	D	5,000
Temporary resident	3,000	6,500	2,500	D	1,500
Agricultural/food scientists	2,000	5,000	2,000	D	5,000
U.S. citizen	2,000	500	5,500	D	6,500
Native-born	3,500	4,000	5,500	D	5,500
Naturalized	500	5,000	8,000	D	7,000
Non-U.S. citizen	11,500	10,500	3,500	D	D
Permanent resident	17,500	1,000	3,000	D	D
Temporary resident	6,000	17,500	2,000	D	D
Biological/medical scientists	4,000	1,000	500	25,000	2,000
U.S. citizen	4,000	3,000	4,000	25,000	5,000
Native-born	3,000	500	6,500	26,500	5,500
Naturalized	4,500	6,500	5,000	D	8,000
Non-U.S. citizen	1,000	4,000	3,000	D	5,000
Permanent resident	9,500	7,500	3,000	D	6,500
Temporary resident	1,000	8,000	500	D	1,500
Environmental life scientists	3,500	15,500	8,500	D	6,500
U.S. citizen	5,000	13,000	10,500	D	6,500
Native-born	4,500	18,000	10,500	D	6,500
Naturalized	18,000	D	D	D	D
Non-U.S. citizen	16,000	D	D	D	D
Permanent resident	18,000	D	D	D	D
Temporary resident	D	D	D	D	D

TABLE A-14. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2008

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/industry	4-year college/university	Other educational institution	Government
Postsecondary teachers-life/related sciences	500	D	2,500	1,000	D
U.S. citizen	500	8,500	2,500	1,000	D
Native-born	500	8,000	1,500	1,000	D
Naturalized	13,500	D	16,500	4,500	D
Non-U.S. citizen	3,500	D	3,000	D	D
Permanent resident	6,500	D	6,000	D	D
Temporary resident	7,500	D	7,500	D	D
Computer/mathematical scientists	2,000	1,500	2,500	8,000	7,500
U.S. citizen	2,500	4,500	1,500	8,500	8,500
Native-born	1,500	2,000	1,500	11,500	12,000
Naturalized	3,500	5,500	4,500	14,500	10,000
Non-U.S. citizen	1,000	2,000	4,500	17,000	S
Permanent resident	6,500	5,500	3,000	12,500	10,500
Temporary resident	500	4,500	500	D	D
Computer/information scientists	2,500	1,000	3,000	D	16,500
U.S. citizen	5,500	4,500	8,000	D	D
Native-born	5,500	4,000	4,000	D	D
Naturalized	4,500	6,000	5,000	D	13,000
Non-U.S. citizen	1,500	4,500	1,500	D	D
Permanent resident	8,000	5,500	10,000	D	D
Temporary resident	7,000	7,500	1,500	D	D
Mathematical scientists	1,500	10,000	5,500	1,000	6,000
U.S. citizen	4,500	3,500	5,000	1,000	7,000
Native-born	3,500	7,000	5,500	D	6,500
Naturalized	15,500	4,500	7,500	D	5,500
Non-U.S. citizen	2,500	3,500	14,000	D	D
Permanent resident	3,000	2,000	25,000	D	D
Temporary resident	6,500	11,000	7,500	D	D
Postsecondary teachers-computer/mathematical sciences	2,500	D	3,000	10,500	D
U.S. citizen	3,000	D	3,000	8,000	D
Native-born	4,000	D	1,500	S	D
Naturalized	4,000	D	5,000	12,000	D
Non-U.S. citizen	5,000	D	5,500	19,500	D
Permanent resident	4,500	D	4,500	13,000	D
Temporary resident	4,000	D	4,000	D	D
Physical/related scientists	2,000	1,500	3,000	3,500	3,000
U.S. citizen	500	1,500	2,000	3,500	2,500
Native-born	2,000	3,000	2,000	3,000	3,000
Naturalized	5,500	2,000	4,500	D	12,000
Non-U.S. citizen	4,500	5,500	4,500	13,000	2,500
Permanent resident	4,000	3,500	6,500	D	10,500
Temporary resident	5,000	2,500	4,000	D	8,000
Chemists, except biochemists	500	2,500	5,000	D	10,000
U.S. citizen	1,000	2,000	5,500	D	10,000
Native-born	4,000	2,000	8,500	D	17,000
Naturalized	1,500	3,000	8,000	D	12,000
Non-U.S. citizen	4,000	1,500	4,000	D	D
Permanent resident	3,000	4,500	14,000	D	D
Temporary resident	16,500	4,000	2,000	D	D

TABLE A-14. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2008

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/industry	4-year college/university	Other educational institution	Government
Earth/atmospheric/ocean scientists	2,000	3,500	4,000	D	8,500
U.S. citizen	6,500	5,500	3,500	D	9,500
Native-born	5,500	7,500	4,000	D	7,000
Naturalized	12,500	7,000	9,000	D	32,000
Non-U.S. citizen	5,000	5,000	8,500	D	3,000
Permanent resident	6,500	5,500	9,500	D	D
Temporary resident	2,000	6,500	4,500	D	D
Physicists/astronomers	2,500	3,500	8,500	D	8,000
U.S. citizen	3,500	8,500	5,500	D	8,000
Native-born	1,500	3,000	10,500	D	10,000
Naturalized	13,000	26,500	10,000	D	14,500
Non-U.S. citizen	4,500	10,000	1,500	D	18,500
Permanent resident	9,000	7,500	20,000	D	D
Temporary resident	1,500	16,000	2,500	D	D
Postsecondary teachers-physical/related sciences	3,000	D	2,000	4,000	D
U.S. citizen	1,500	D	2,000	3,500	D
Native-born	1,500	D	2,000	3,500	D
Naturalized	5,500	D	5,000	D	D
Non-U.S. citizen	6,000	D	6,500	13,000	D
Permanent resident	8,500	D	7,500	D	D
Temporary resident	2,500	D	4,000	D	D
Other physical/related scientists	3,000	1,500	16,000	D	1,000
U.S. citizen	6,000	1,500	13,000	D	500
Native-born	6,500	4,500	10,000	D	500
Naturalized	D	D	D	D	D
Non-U.S. citizen	11,500	9,000	D	D	D
Permanent resident	D	D	D	D	D
Temporary resident	13,000	5,000	D	D	D
Social/related scientists	2,000	500	500	3,500	3,000
U.S. citizen	1,500	1,000	500	3,500	3,000
Native-born	1,500	4,000	500	4,000	3,000
Naturalized	6,500	8,500	3,500	S	8,000
Non-U.S. citizen	5,000	3,500	2,500	4,000	14,500
Permanent resident	5,000	17,500	5,500	8,000	D
Temporary resident	13,500	22,500	1,000	D	D
Economists	5,000	7,500	6,500	D	7,500
U.S. citizen	5,500	8,000	5,000	D	6,500
Native-born	7,500	10,500	5,000	D	8,000
Naturalized	5,500	25,000	16,000	D	2,000
Non-U.S. citizen	25,000	17,500	22,000	D	D
Permanent resident	30,000	37,500	50,000	D	D
Temporary resident	32,000	17,000	D	D	D
Political/related scientists	8,500	27,000	11,000	D	12,000
U.S. citizen	8,500	29,500	11,000	D	12,000
Native-born	9,000	29,500	15,000	D	14,000
Naturalized	D	D	D	D	D
Non-U.S. citizen	42,500	D	29,500	D	D
Permanent resident	D	D	D	D	D
Temporary resident	D	D	D	D	D

TABLE A-14. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2008

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/industry	4-year college/university	Other educational institution	Government
Postsecondary teachers-social/related sciences	500	12,000	500	8,000	D
U.S. citizen	1,500	12,000	500	9,000	D
Native-born	2,000	12,000	500	10,500	D
Naturalized	3,000	D	3,000	14,500	D
Non-U.S. citizen	2,500	D	3,000	4,500	D
Permanent resident	4,000	D	4,500	8,000	D
Temporary resident	7,000	D	4,000	D	D
Psychologists	1,000	1,000	3,500	3,500	2,500
U.S. citizen	1,000	1,000	3,500	3,500	2,500
Native-born	500	1,500	3,000	3,500	2,000
Naturalized	18,500	20,000	S	25,000	5,500
Non-U.S. citizen	18,000	S	11,500	D	D
Permanent resident	14,000	S	6,500	D	D
Temporary resident	D	D	D	D	D
Sociologists/anthropologists	7,500	7,500	5,000	D	7,000
U.S. citizen	4,500	6,500	5,500	D	7,000
Native-born	4,500	7,000	5,000	D	9,000
Naturalized	12,500	D	19,500	D	17,000
Non-U.S. citizen	D	D	3,500	D	D
Permanent resident	S	D	S	D	D
Temporary resident	D	D	9,500	D	D
Other social/related scientists	3,000	7,000	8,500	D	3,500
U.S. citizen	4,000	5,500	10,500	D	4,000
Native-born	3,500	5,500	11,000	11,000	5,000
Naturalized	14,000	39,000	6,000	D	D
Non-U.S. citizen	11,500	8,000	12,500	D	D
Permanent resident	10,500	9,500	14,000	D	D
Temporary resident	D	D	D	D	D
Engineering occupations	1,500	3,500	2,000	5,500	3,000
U.S. citizen	500	1,500	500	D	4,000
Native-born	4,000	2,500	1,500	D	1,500
Naturalized	3,500	4,000	3,000	D	6,000
Non-U.S. citizen	2,500	500	3,000	D	2,000
Permanent resident	3,000	1,000	3,500	D	11,000
Temporary resident	4,000	2,500	15,000	D	6,500
Aerospace/aeronautical/astronautical engineers	6,500	8,500	19,500	D	3,500
U.S. citizen	3,000	6,500	13,000	D	3,500
Native-born	3,500	7,000	D	D	7,000
Naturalized	11,000	10,500	D	D	10,000
Non-U.S. citizen	17,000	9,500	9,500	D	D
Permanent resident	17,500	4,500	D	D	D
Temporary resident	9,500	D	D	D	D
Chemical engineers	3,000	4,500	15,500	D	7,500
U.S. citizen	2,000	3,000	34,000	D	6,000
Native-born	5,000	4,000	S	D	6,000
Naturalized	6,500	6,000	D	D	D
Non-U.S. citizen	8,000	10,500	29,000	D	D
Permanent resident	10,000	11,500	D	D	D
Temporary resident	3,500	20,500	D	D	D

TABLE A-14. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2008

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/industry	4-year college/university	Other educational institution	Government
Civil/architectural/sanitary engineers	6,000	6,500	14,500	D	11,500
U.S. citizen	1,500	3,500	7,500	D	6,000
Native-born	14,500	17,500	35,000	D	8,000
Naturalized	4,500	10,000	10,500	D	8,000
Non-U.S. citizen	2,500	4,500	18,500	D	3,500
Permanent resident	10,500	10,500	D	D	4,500
Temporary resident	4,500	5,000	21,000	D	D
Electrical/computer hardware engineers	3,500	3,000	8,000	D	8,500
U.S. citizen	3,000	1,500	10,000	D	11,500
Native-born	5,000	4,000	8,500	D	10,000
Naturalized	4,500	6,000	20,000	D	9,500
Non-U.S. citizen	500	1,000	2,500	D	D
Permanent resident	5,500	5,500	17,000	D	D
Temporary resident	4,000	1,000	7,000	D	D
Industrial engineers	14,500	15,000	D	D	D
U.S. citizen	18,500	21,000	D	D	D
Native-born	12,000	8,000	D	D	D
Naturalized	21,500	16,500	D	D	D
Non-U.S. citizen	13,000	19,000	D	D	D
Permanent resident	D	D	D	D	D
Temporary resident	D	D	D	D	D
Mechanical engineers	500	1,000	9,000	D	3,000
U.S. citizen	5,000	4,000	3,000	D	9,500
Native-born	6,000	5,500	15,000	D	9,500
Naturalized	5,000	7,000	16,000	D	D
Non-U.S. citizen	2,500	6,000	19,500	D	D
Permanent resident	3,000	4,500	D	D	D
Temporary resident	3,500	4,000	19,500	D	D
Postsecondary teachers-engineering	3,000	D	3,000	D	19,500
U.S. citizen	1,500	D	500	D	19,500
Native-born	3,000	D	3,000	D	12,500
Naturalized	500	D	1,000	D	D
Non-U.S. citizen	2,000	D	2,000	D	D
Permanent resident	5,500	D	5,500	D	D
Temporary resident	7,000	D	7,000	D	D
Other engineers	500	6,000	21,500	D	6,000
U.S. citizen	5,000	1,500	8,500	D	6,000
Native-born	5,000	7,500	4,500	D	3,500
Naturalized	1,500	1,000	19,000	D	7,500
Non-U.S. citizen	1,500	5,500	2,000	D	500
Permanent resident	3,500	5,000	7,000	D	31,000
Temporary resident	3,000	2,000	4,000	D	D
S&E-related occupations	2,500	6,500	3,000	9,000	7,500
U.S. citizen	3,000	8,500	3,000	9,000	7,000
Native-born	5,500	4,500	3,000	11,000	7,500
Naturalized	9,500	5,500	7,000	13,000	7,000
Non-U.S. citizen	7,000	3,500	7,000	8,500	S
Permanent resident	12,500	4,000	8,000	8,500	S
Temporary resident	12,000	16,000	13,500	D	D

TABLE A-14. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2008

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/industry	4-year college/university	Other educational institution	Government
Health occupations	2,500	12,500	2,500	20,500	8,500
U.S. citizen	3,500	16,500	2,500	21,500	6,000
Native-born	4,500	19,000	3,500	20,500	6,000
Naturalized	11,500	42,000	7,500	D	47,000
Non-U.S. citizen	7,000	D	11,500	D	S
Permanent resident	8,000	D	11,000	D	S
Temporary resident	27,500	D	15,000	D	D
S&E managers, including health	4,000	5,500	7,500	D	5,000
U.S. citizen	500	1,000	1,500	D	5,500
Native-born	4,500	1,500	6,500	D	8,000
Naturalized	8,500	4,500	11,500	D	7,500
Non-U.S. citizen	14,000	9,500	7,000	D	D
Permanent resident	11,500	6,500	9,000	D	D
Temporary resident	13,000	19,500	D	D	D
S&E precollege teachers	8,500	D	D	9,000	D
U.S. citizen	9,000	D	D	9,500	D
Native-born	11,000	D	D	11,500	D
Naturalized	13,500	D	D	13,000	D
Non-U.S. citizen	8,000	D	D	8,000	D
Permanent resident	7,000	D	D	7,000	D
Temporary resident	D	D	D	D	D
S&E technicians/technologists	7,500	2,500	8,500	D	S
U.S. citizen	9,000	7,500	2,500	D	S
Native-born	19,500	15,500	9,000	D	D
Naturalized	11,000	11,000	D	D	D
Non-U.S. citizen	9,000	15,000	D	D	D
Permanent resident	15,500	14,000	D	D	D
Temporary resident	6,000	9,500	D	D	D
Other S&E-related occupations	12,000	9,000	D	D	D
U.S. citizen	15,500	15,500	D	D	D
Native-born	12,000	13,000	D	D	D
Naturalized	20,000	D	D	D	D
Non-U.S. citizen	29,000	29,000	D	D	D
Permanent resident	D	D	D	D	D
Temporary resident	D	D	D	D	D
Non-S&E occupations	3,500	6,000	2,000	5,000	7,000
U.S. citizen	3,500	6,500	2,000	5,500	7,000
Native-born	3,000	6,500	2,500	6,500	10,500
Naturalized	6,000	10,000	6,000	9,000	11,000
Non-U.S. citizen	10,500	5,500	11,500	35,000	D
Permanent resident	13,000	6,500	14,500	11,000	D
Temporary resident	3,500	1,500	34,500	D	D
Arts/humanities/related occupations	8,000	10,500	14,000	D	D
U.S. citizen	9,500	8,500	1,500	D	D
Native-born	9,000	8,000	1,500	D	9,000
Naturalized	32,000	13,500	D	D	D
Non-U.S. citizen	19,000	22,000	D	D	D
Permanent resident	18,500	21,000	D	D	D
Temporary resident	D	D	D	D	D

TABLE A-14. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2008

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/industry	4-year college/university	Other educational institution	Government
Management-related occupations	4,500	9,000	6,000	4,000	14,500
U.S. citizen	5,000	15,000	5,500	4,000	14,000
Native-born	6,000	17,000	6,500	7,500	31,500
Naturalized	9,000	20,000	15,000	D	1,000
Non-U.S. citizen	7,500	9,500	17,000	D	21,500
Permanent resident	5,500	4,500	17,000	D	D
Temporary resident	1,000	1,000	D	D	D
Non-S&E managers	6,500	6,500	8,000	12,500	12,500
U.S. citizen	6,500	7,500	8,500	12,500	12,500
Native-born	9,000	7,500	6,000	12,500	15,000
Naturalized	7,000	19,000	14,500	21,000	10,000
Non-U.S. citizen	22,000	26,000	4,000	D	D
Permanent resident	25,000	28,000	13,000	D	D
Temporary resident	18,000	17,500	D	D	D
Non-S&E postsecondary teachers	2,000	D	2,500	12,000	D
U.S. citizen	2,000	D	2,000	S	D
Native-born	4,500	D	4,000	21,500	D
Naturalized	10,500	D	8,000	5,000	D
Non-U.S. citizen	13,000	D	17,000	D	D
Permanent resident	16,000	D	14,000	D	D
Temporary resident	38,000	D	38,000	D	D
Non-S&E precollege/other teachers	9,500	8,500	D	13,500	27,500
U.S. citizen	10,500	8,500	D	15,500	D
Native-born	12,500	8,500	D	7,000	D
Naturalized	2,000	D	D	10,000	D
Non-U.S. citizen	3,000	D	D	3,000	D
Permanent resident	D	D	D	D	D
Temporary resident	D	D	D	D	D
Sales/marketing occupations	10,000	9,500	D	D	D
U.S. citizen	21,000	21,000	D	D	D
Native-born	20,000	21,000	D	D	D
Naturalized	25,000	26,000	D	D	D
Non-U.S. citizen	16,500	16,500	D	D	D
Permanent resident	20,000	20,000	D	D	D
Temporary resident	10,000	10,000	D	D	D
Social services/related occupations	11,000	16,000	12,000	3,500	2,500
U.S. citizen	11,000	15,500	13,000	3,500	500
Native-born	11,000	10,000	14,000	2,500	2,500
Naturalized	15,500	14,000	D	D	D
Non-U.S. citizen	D	D	D	D	D
Permanent resident	D	D	D	D	D
Temporary resident	D	D	D	D	D
Other non-S&E occupations	5,500	7,500	5,500	2,000	500
U.S. citizen	8,000	8,500	5,500	2,000	1,000
Native-born	9,000	13,500	6,000	2,000	2,000
Naturalized	11,000	23,000	D	D	10,000

TABLE A-14. Standard errors of median annual salaries of employed U.S. scientists and engineers, by level of highest degree, occupation, citizenship status, and employment sector: 2008

Level of highest degree, occupation, and citizenship status	Employed scientists and engineers	Sector of employment			
		Business/industry	4-year college/university	Other educational institution	Government
Non-U.S. citizen	11,000	11,000	D	D	D
Permanent resident	8,000	8,500	D	D	D
Temporary resident	D	D	D	D	D

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. Business/industry includes self-employed individuals, nonprofit organizations, and other unspecified types of employers. Four-year college/university includes medical schools and university-affiliated research institutes. Other educational institution includes 2-year colleges, precollege institutions, and other educational institutions. Government includes federal (civilian), military, state, and local employers. 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.