TABLE 69

Median annual salaries of U.S. residing full-time employed doctoral scientists and engineers, by occupation and sector of employment: 2021

(Dollars)

Occupation	All full-time employed		4-year educational institution[a]		Other educational institution[b]		Private, for profit[c]		Private, nonprofit		Federal government		State or local government		Self-employed[d]		Other[e]	
	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE
All occupations	122,000	1,500	99,000	1,000	79,000	500	156,000	1,500	125,000	2,000	131,000	2,500	105,000	3,000	109,000	9,500	140,000	7,000
Science occupations	110,000	1,000	90,000	500	80,000	2,000	150,000	500	117,000	3,000	128,000	2,500	100,000	1,500	118,000	6,500	129,000	10,000
Biological, agricultural, and other life scientists	105,000	500	85,000	1,000	78,000	5,000	136,000	3,500	99,000	5,000	124,000	3,000	89,000	4,000	97,000	30,000	84,000	6,000
Agricultural, food scientists	116,000	5,000	92,000	4,000	D	D	130,000	3,500	106,000	4,000	123,000	6,000	82,000	13,500	58,000	14,500	*	*
Biochemists, biophysicists	100,000	2,500	60,000	1,500	D	D	130,000	4,000	92,000	15,500	121,000	11,500	D	D	D	D	S	S
Biological scientists	97,000	4,000	70,000	2,000	102,000	10,000	125,000	4,500	84,000	10,500	115,000	3,500	83,000	6,000	S	S	73,000	15,000
Forestry, conservation scientists	93,000	5,500	79,000	11,000	D	D	87,000	23,500	99,000	17,500	117,000	4,500	68,000	4,500	D	D	D	D
Medical scientists	125,000	2,000	90,000	5,500	D	D	151,000	5,000	113,000	9,000	135,000	5,500	91,000	3,000	156,000	47,500	120,000	17,000
Postsecondary teachers, agricultural, other natural sciences	100,000	3,500	100,000	2,000	66,000	16,500	D	D	D	D	D	D	D	D	D	D	D	D
Postsecondary teachers, biological sciences	90,000	2,000	92,000	2,500	75,000	4,500	D	D	D	D	D	D	D	D	D	D	D	D
Other biological, agricultural, life scientists	115,000	4,500	65,000	3,000	D	D	135,000	4,000	95,000	7,000	128,000	5,500	91,000	11,000	S	S	84,000	11,500
Computer and information scientists	150,000	500	104,000	4,500	91,000	29,000	165,000	5,000	131,000	4,000	138,000	5,000	112,000	21,000	104,000	32,000	170,000	37,000
Computer and information scientists	160,000	500	109,000	5,000	S	S	165,000	5,000	131,000	4,000	139,000	5,000	112,000	21,000	104,000	32,000	170,000	37,000
Postsecondary teachers, computer science	101,000	3,500	101,000	4,500	85,000	14,000	D	D	D	D	D	D	D	D	D	D	D	D
Mathematical scientists	120,000	1,500	92,000	1,500	75,000	6,000	164,000	5,500	141,000	11,000	135,000	5,500	78,000	7,500	97,000	39,500	S	S
Mathematical scientists	150,000	1,000	100,000	3,500	D	D	164,000	5,500	142,000	10,500	135,000	5,500	78,000	7,500	97,000	39,500	S	S
Postsecondary teachers, mathematics, statistics	90,000	500	90,000	1,500	78,000	6,500	D	D	D	D	D	D	D	D	D	D	D	D
Physical scientists	108,000	2,500	87,000	2,000	72,000	4,500	135,000	2,000	137,000	4,500	135,000	4,000	116,000	16,000	57,000	22,000	123,000	10,500
Chemists, except biochemists	124,000	4,000	69,000	3,000	D	D	130,000	1,500	110,000	27,000	119,000	4,000	95,000	13,500	S	S	97,000	11,500
Earth, atmospheric, ocean scientists	116,000	4,500	88,000	4,500	D	D	143,000	10,500	109,000	7,500	134,000	6,000	96,000	7,500	99,000	35,000	142,000	21,500
Physicists, astronomers	138,000	5,000	74,000	7,000	D	D	145,000	7,000	150,000	7,500	149,000	9,000	145,000	7,000	S	S	130,000	31,500
Postsecondary teachers, chemistry	80,000	2,000	82,000	2,500	68,000	2,000	D	D	D	D	D	D	D	D	D	D	D	D
Postsecondary teachers, physics	96,000	3,500	99,000	3,000	80,000	7,000	D	D	D	D	D	D	D	D	D	D	D	D
Postsecondary teachers, other physical science	91,000	3,000	91,000	3,500	72,000	3,500	D	D	D	D	D	D	D	D	D	D	D	D
Other physical scientists	131,000	4,000	96,000	12,000	D	D	148,000	16,500	134,000	11,500	133,000	4,000	91,000	13,000	D	D	D	D
Psychologists	101,000	1,500	90,000	1,500	89,000	1,000	119,000	5,000	109,000	4,000	115,000	2,000	103,000	2,500	120,000	5,000	80,000	14,000
Psychologists	109,000	1,000	97,000	4,000	92,000	3,500	119,000	5,000	109,000	4,000	115,000	2,000	103,000	2,500	120,000	5,000	80,000	14,000
Postsecondary teachers, psychology	88,000	1,500	89,000	1,500	85,000	4,500	D	D	D	D	D	D	D	D	D	D	D	D

TABLE 69

Median annual salaries of U.S. residing full-time employed doctoral scientists and engineers, by occupation and sector of employment: 2021

(Dollars)

Occupation	All full-time employed		4-year educational institution[a]		Other educational institution[b]		Private, for profit[c]		Private, nonprofit		Federal government		State or local government		Self-employed[d]		Other[e]	
	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE
Social scientists	100,000	2,000	95,000	1,500	80,000	3,500	150,000	9,500	131,000	7,500	137,000	3,500	100,000	4,000	111,000	14,500	174,000	22,500
Economists	154,000	7,500	114,000	11,500	D	D	171,000	14,000	163,000	14,500	150,000	12,000	104,000	5,000	101,000	11,000	193,000	23,000
Political scientists	129,000	16,000	135,000	31,000	D	D	106,000	36,500	108,000	25,500	133,000	20,000	S	S	D	D	D	D
Postsecondary teachers, economics	118,000	2,500	118,000	2,000	D	D	D	D	D	D	D	D	D	D	D	D	D	D
Postsecondary teachers, political science	92,000	2,500	92,000	2,500	94,000	22,000	D	D	D	D	D	D	D	D	D	D	D	D
Postsecondary teachers, sociology	83,000	3,500	84,000	3,500	77,000	4,500	D	D	D	D	D	D	D	D	D	D	D	D
Postsecondary teachers, other social sciences	87,000	1,500	88,000	1,500	78,000	3,500	D	D	D	D	D	D	D	D	D	D	D	D
Sociologists, anthropologists	98,000	3,500	80,000	10,000	D	D	115,000	10,500	128,000	10,500	100,000	17,000	83,000	8,500	S	S	D	D
Other social scientists	110,000	3,000	87,000	4,500	89,000	6,500	134,000	9,500	111,000	5,500	123,000	9,000	99,000	3,000	136,000	15,500	S	S
Engineering occupations	137,000	2,500	109,000	1,500	59,000	3,500	150,000	500	143,000	5,500	140,000	3,000	110,000	11,000	94,000	4,500	140,000	6,500
Aerospace, aeronautical, astronautical engineers	155,000	5,500	95,000	4,500	D	D	160,000	4,000	160,000	15,000	160,000	17,000	167,000	20,500	D	D	D	D
Chemical engineers	139,000	4,500	114,000	13,000	D	D	143,000	5,000	142,000	21,500	131,000	7,500	D	D	S	S	D	D
Civil, architectural, sanitary engineers	115,000	6,000	100,000	4,000	D	D	125,000	5,000	136,000	31,000	114,000	8,500	96,000	10,500	D	D	S	S
Electrical engineers	159,000	2,000	128,000	4,500	D	D	164,000	4,500	145,000	5,000	140,000	6,500	155,000	64,500	D	D	149,000	4,000
Industrial engineers	125,000	11,000	100,000	8,500	D	D	132,000	11,000	D	D	D	D	D	D	D	D	D	D
Mechanical engineers	132,000	5,000	100,000	5,500	D	D	136,000	5,000	127,000	6,500	147,000	6,500	D	D	D	D	D	D
Postsecondary teachers, engineering	110,000	2,000	110,000	2,500	59,000	3,000	D	D	D	D	D	D	D	D	D	D	D	D
Other engineers	135,000	3,000	90,000	1,500	D	D	143,000	3,000	138,000	11,500	139,000	6,000	112,000	13,000	91,000	9,500	129,000	3,500
S&E-related occupations	140,000	1,000	113,000	2,000	70,000	1,500	179,000	5,000	149,000	7,000	150,000	4,500	119,000	4,500	123,000	36,000	190,000	36,500
Health occupations, except postsecondary teachers and managers	140,000	4,000	120,000	8,000	S	S	163,000	13,000	150,000	15,500	133,000	5,000	110,000	11,500	136,000	59,000	93,000	26,000
Postsecondary teachers, health and related science	109,000	2,000	109,000	2,000	89,000	23,000	D	D	D	D	D	D	D	D	D	D	D	D
S&E managers, including health	175,000	4,000	147,000	7,000	D	D	192,000	6,500	145,000	16,000	160,000	4,500	121,000	6,500	D	D	196,000	8,500
S&E precollege teachers	69,000	1,500	D	D	69,000	1,500	D	D	D	D	D	D	D	D	D	D	D	D
S&E technicians/ technologists	140,000	3,000	80,000	9,000	D	D	149,000	4,500	117,000	10,000	127,000	5,500	97,000	20,500	S	S	S	S
Other S&E-related occupations	139,000	18,500	D	D	D	D	139,000	16,000	S	S	D	D	D	D	D	D	D	D
Non-S&E occupations	150,000	500	125,000	3,500	98,000	4,000	185,000	5,000	120,000	4,000	144,000	3,500	105,000	5,500	90,000	11,500	147,000	27,500
Arts, humanities-related occupations	100,000	5,000	86,000	13,500	D	D	108,000	5,000	104,000	10,000	108,000	9,000	D	D	31,000	6,000	D	D
Management-related occupations	147,000	4,000	100,000	3,500	80,000	10,000	169,000	5,000	105,000	10,500	141,000	5,500	104,000	10,000	119,000	24,500	164,000	31,500
Non-S&E managers	190,000	3,500	167,000	4,500	126,000	10,000	219,000	7,000	163,000	5,000	168,000	6,000	124,000	8,000	131,000	27,500	186,000	39,500

TABLE 69

Median annual salaries of U.S. residing full-time employed doctoral scientists and engineers, by occupation and sector of employment: 2021

(Dollars)

Occupation	All full-time employed		4-year educational institution[a]		Other educational institution[b]		Private, for profit[c]		Private, nonprofit		Federal government		State or local government		Self-employed[d]		Other[e]	
	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE
Non-S&E postsecondary teachers	100,000	1,500	100,000	1,500	84,000	6,000	D	D	D	D	D	D	D	D	D	D	D	D
Non-S&E precollege/ other teachers	69,000	7,000	*	*	65,000	4,500	63,000	17,000	S	S	D	D	D	D	S	S	D	D
Sales, marketing occupations	144,000	4,000	D	D	D	D	145,000	4,000	103,000	18,000	D	D	D	D	138,000	26,000	S	S
Social service-related occupations	71,000	4,500	68,000	5,500	75,000	4,500	90,000	18,000	61,000	7,500	102,000	9,000	55,000	5,500	73,000	20,000	D	D
Other non-S&E occupations	137,000	10,500	88,000	5,000	D	D	170,000	15,000	77,000	5,000	135,000	12,000	76,000	15,000	S	S	D	D

* = suppressed when population estimate < 25. D = suppressed to avoid disclosure of confidential information. S = suppressed for reliability; coefficient of variation exceeds publication standards.

S&E = science and engineering; SE = standard error.

[a] Includes 4-year colleges or universities, medical schools (including university-affiliated hospitals or medical centers), and university-affiliated research institutes.

[b] Includes 2-year colleges, community colleges, or technical institutes, and other precollege institutions.

[c] Includes those self-employed in an incorporated business.

[d] Self-employed or business owner in a nonincorporated business.

[e] Includes employers not broken out separately.

Note(s):
Median annual salaries are for principal job and are rounded to nearest $1,000. Standard errors are rounded up to the nearest $500. Full time is based on working 35 or more hours per week. Residence location is based on reported living location on 1 February 2021.

Source(s):
National Center for Science and Engineering Statistics, Survey of Doctorate Recipients, 2021.