TABLE 71

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

(Dollars)

Employment sector and occupation	All full-time employed		Male		Female	
	Median salary	SE	Median salary	SE	Median salary	SE
All sectors	122,000	1,500	132,000	2,000	108,000	1,000
Science occupations	110,000	1,000	120,000	500	100,000	500
Biological, agricultural, and other life scientists	105,000	500	109,000	1,000	100,000	500
Computer and information scientists	150,000	500	155,000	2,500	135,000	6,000
Mathematical scientists	120,000	1,500	120,000	2,500	119,000	3,000
Physical scientists	108,000	2,500	113,000	3,500	97,000	2,500
Psychologists	101,000	1,500	105,000	3,000	100,000	500
Social scientists	100,000	2,000	108,000	3,000	96,000	2,000
Engineering occupations	137,000	2,500	140,000	500	125,000	3,000
S&E-related occupations	140,000	1,000	165,000	6,000	115,000	2,500
Non-S&E occupations	150,000	500	169,000	3,000	123,000	4,000
4-year educational institution[a]	99,000	1,000	102,000	1,500	90,000	500
Science occupations	90,000	500	96,000	1,500	85,000	500
Biological, agricultural, and other life scientists	85,000	1,000	92,000	2,500	76,000	2,000
Computer and information scientists	104,000	4,500	109,000	2,500	96,000	4,500
Mathematical scientists	92,000	1,500	94,000	2,000	87,000	3,000
Physical scientists	87,000	2,000	90,000	2,000	81,000	1,500
Psychologists	90,000	1,500	94,000	4,000	89,000	1,500
Social scientists	95,000	1,500	100,000	500	90,000	1,000
Engineering occupations	109,000	1,500	110,000	2,000	102,000	3,000
S&E-related occupations	113,000	2,000	129,000	6,500	100,000	3,000
Non-S&E occupations	125,000	3,500	140,000	4,500	109,000	3,000
Other educational institution[b]	79,000	500	80,000	2,000	79,000	1,000
Science occupations	80,000	2,000	81,000	4,500	79,000	1,500
Biological, agricultural, and other life scientists	78,000	5,000	79,000	6,000	74,000	4,000
Computer and information scientists	91,000	29,000	110,000	36,500	84,000	12,500
Mathematical scientists	75,000	6,000	75,000	6,000	81,000	8,500
Physical scientists	72,000	4,500	80,000	7,500	69,000	2,000
Psychologists	89,000	1,000	89,000	7,000	89,000	2,500
Social scientists	80,000	3,500	80,000	8,000	80,000	2,000
Engineering occupations	59,000	3,500	58,000	1,000	75,000	11,500
S&E-related occupations	70,000	1,500	70,000	4,000	70,000	2,500
Non-S&E occupations	98,000	4,000	104,000	11,000	96,000	8,500
Private, for profit[c]	156,000	1,500	161,000	2,500	140,000	1,000
Science occupations	150,000	500	155,000	1,500	135,000	1,500
Biological, agricultural, and other life scientists	136,000	3,500	141,000	4,000	130,000	1,500
Computer and information scientists	165,000	5,000	171,000	4,000	150,000	2,500
Mathematical scientists	164,000	5,500	170,000	6,500	154,000	7,000
Physical scientists	135,000	2,000	138,000	4,000	130,000	3,500
Psychologists	119,000	5,000	123,000	7,000	111,000	7,500
Social scientists	150,000	9,500	164,000	13,000	148,000	6,000
Engineering occupations	150,000	500	150,000	3,000	134,000	4,500
S&E-related occupations	179,000	5,000	190,000	4,500	150,000	9,000
Non-S&E occupations	185,000	5,000	200,000	500	150,000	500
Private, nonprofit	125,000	2,000	137,000	3,500	110,000	3,000
Science occupations	117,000	3,000	130,000	3,500	107,000	2,500
Biological, agricultural, and other life scientists	99,000	5,000	103,000	9,500	98,000	4,000
Computer and information scientists	131,000	4,000	134,000	7,500	122,000	11,500
Mathematical scientists	141,000	11,000	149,000	15,500	139,000	12,000

TABLE 71

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

(Dollars)

Employment sector and occupation	All full-time employed		Male		Female	
	Median salary	SE	Median salary	SE	Median salary	SE
Physical scientists	137,000	4,500	142,000	5,000	107,000	4,500
Psychologists	109,000	4,000	116,000	12,000	105,000	5,000
Social scientists	131,000	7,500	146,000	11,500	120,000	6,500
Engineering occupations	143,000	5,500	146,000	6,000	138,000	4,000
S&E-related occupations	149,000	7,000	179,000	21,500	135,000	7,000
Non-S&E occupations	120,000	4,000	130,000	9,000	109,000	5,000
Federal government	131,000	2,500	138,000	3,000	122,000	3,000
Science occupations	128,000	2,500	130,000	3,000	119,000	500
Biological, agricultural, and other life scientists	124,000	3,000	128,000	3,500	119,000	3,000
Computer and information scientists	138,000	5,000	138,000	5,000	142,000	16,500
Mathematical scientists	135,000	5,500	138,000	6,000	129,000	8,000
Physical scientists	135,000	4,000	140,000	4,000	120,000	3,500
Psychologists	115,000	2,000	119,000	3,000	114,000	5,500
Social scientists	137,000	3,500	139,000	6,500	135,000	4,500
Engineering occupations	140,000	3,000	142,000	4,000	134,000	8,000
S&E-related occupations	150,000	4,500	159,000	6,000	135,000	7,000
Non-S&E occupations	144,000	3,500	146,000	6,000	141,000	4,000
State or local government	105,000	3,000	107,000	4,000	99,000	1,500
Science occupations	100,000	1,500	104,000	5,000	96,000	3,500
Biological, agricultural, and other life scientists	89,000	4,000	89,000	4,500	88,000	9,500
Computer and information scientists	112,000	21,000	114,000	28,500	99,000	12,500
Mathematical scientists	78,000	7,500	75,000	24,500	79,000	4,500
Physical scientists	116,000	16,000	140,000	11,000	85,000	6,500
Psychologists	103,000	2,500	102,000	6,000	108,000	6,000
Social scientists	100,000	4,000	99,000	6,500	102,000	4,000
Engineering occupations	110,000	11,000	118,000	16,500	97,000	6,500
S&E-related occupations	119,000	4,500	119,000	4,000	108,000	8,000
Non-S&E occupations	105,000	5,500	91,000	14,500	108,000	5,000
Self-employed[d]	109,000	9,500	116,000	8,000	100,000	11,500
Science occupations	118,000	6,500	117,000	7,000	118,000	11,500
Biological, agricultural, and other life scientists	97,000	30,000	74,000	29,500	S	S
Computer and information scientists	104,000	32,000	104,000	31,500	D	D
Mathematical scientists	97,000	39,500	S	S	D	D
Physical scientists	57,000	22,000	46,000	22,000	D	D
Psychologists	120,000	5,000	135,000	11,000	116,000	9,500
Social scientists	111,000	14,500	99,000	7,500	121,000	28,500
Engineering occupations	94,000	4,500	94,000	5,000	D	D
S&E-related occupations	123,000	36,000	179,000	86,000	80,000	29,000
Non-S&E occupations	90,000	11,500	101,000	17,000	78,000	11,000
Other sector[e]	140,000	7,000	145,000	6,000	123,000	7,500
Science occupations	129,000	10,000	140,000	10,500	118,000	16,500
Biological, agricultural, and other life scientists	84,000	6,000	73,000	25,000	90,000	12,500
Computer and information scientists	170,000	37,000	170,000	59,000	157,000	35,500
Mathematical scientists	S	S	S	S	133,000	59,000
Physical scientists	123,000	10,500	127,000	11,000	101,000	23,000
Psychologists	80,000	14,000	D	D	D	D
Social scientists	174,000	22,500	197,000	28,500	154,000	12,500
Engineering occupations	140,000	6,500	146,000	6,000	127,000	7,500
S&E-related occupations	190,000	36,500	190,000	35,000	181,000	83,500

TABLE 71

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

(Dollars)

Employment sector and occupation	All full-time employed		Male		Female	
	Median salary	SE	Median salary	SE	Median salary	SE
Non-S&E occupations	147,000	27,500	139,000	28,000	155,000	44,000

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, 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.