TABLE 72

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

(Dollars)

Employment sector and occupation	All full-time employed		Hispanic or Latino[a]		Not Hispanic or Latino[b]									
					American Indian or Alaska Native		Asian		Black or African American		White		Other race[c]	
	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE
All sectors	122,000	1,500	108,000	3,000	107,000	11,000	132,000	3,000	103,000	2,500	120,000	500	119,000	2,000
Science occupations	110,000	1,000	100,000	500	98,000	9,000	120,000	3,000	98,000	2,500	110,000	500	109,000	4,500
Biological, agricultural, and other life scientists	105,000	500	95,000	4,000	89,000	20,500	105,000	4,000	97,000	4,000	106,000	2,000	113,000	8,000
Computer and information scientists	150,000	500	149,000	5,500	D	D	150,000	4,500	129,000	8,500	150,000	500	159,000	12,500
Mathematical scientists	120,000	1,500	119,000	9,000	*	*	130,000	2,500	107,000	7,000	112,000	4,500	127,000	7,000
Physical scientists	108,000	2,500	97,000	5,500	154,000	44,000	110,000	2,500	91,000	4,500	109,000	2,000	100,000	6,500
Psychologists	101,000	1,500	95,000	2,500	103,000	14,500	104,000	4,500	95,000	4,500	103,000	2,500	95,000	3,500
Social scientists	100,000	2,000	100,000	5,000	82,000	8,000	109,000	3,000	95,000	4,000	100,000	2,000	97,000	6,000
Engineering occupations	137,000	2,500	120,000	2,500	142,000	32,000	137,000	2,500	121,000	6,000	140,000	1,500	136,000	10,500
S&E-related occupations	140,000	1,000	120,000	8,000	S	S	157,000	7,000	109,000	7,000	137,000	4,000	130,000	9,500
Non-S&E occupations	150,000	500	119,000	2,500	125,000	18,500	164,000	6,000	112,000	7,000	150,000	500	131,000	15,000
4-year educational institution[d]	99,000	1,000	91,000	1,500	92,000	6,000	100,000	2,000	91,000	2,000	100,000	1,000	95,000	4,500
Science occupations	90,000	500	87,000	2,500	88,000	6,500	90,000	2,000	85,000	2,000	91,000	1,500	89,000	2,000
Biological, agricultural, and other life scientists	85,000	1,000	80,000	4,500	87,000	11,500	75,000	4,000	82,000	4,000	89,000	2,500	81,000	5,000
Computer and information scientists	104,000	4,500	99,000	2,000	D	D	102,000	8,000	98,000	3,500	105,000	5,000	198,000	55,500
Mathematical scientists	92,000	1,500	87,000	4,000	D	D	92,000	4,500	84,000	9,000	93,000	2,500	87,000	18,500
Physical scientists	87,000	2,000	81,000	7,500	S	S	88,000	4,500	67,000	4,000	89,000	2,500	90,000	8,500
Psychologists	90,000	1,500	88,000	3,000	D	D	95,000	5,500	82,000	3,000	90,000	2,000	89,000	3,000
Social scientists	95,000	1,500	95,000	2,000	81,000	5,500	100,000	3,000	90,000	2,500	94,000	1,500	89,000	4,500
Engineering occupations	109,000	1,500	101,000	2,500	D	D	104,000	4,000	105,000	6,500	112,000	3,500	110,000	19,500
S&E-related occupations	113,000	2,000	95,000	5,000	127,000	51,000	119,000	4,500	97,000	6,000	114,000	2,000	108,000	10,000
Non-S&E occupations	125,000	3,500	100,000	7,000	110,000	32,500	138,000	7,500	114,000	9,000	128,000	3,500	117,000	17,500

TABLE 72

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

(Dollars)

Employment sector and occupation	All full-time employed		Hispanic or Latino[a]		Not Hispanic or Latino[b]									
					American Indian or Alaska Native		Asian		Black or African American		White		Other race[c]	
	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE
Other educational institution[e]	79,000	500	77,000	5,500	65,000	26,000	79,000	6,000	88,000	5,500	79,000	1,000	75,000	7,500
Science occupations	80,000	2,000	79,000	4,500	S	S	84,000	9,000	80,000	5,500	79,000	1,500	75,000	8,000
Biological, agricultural, and other life scientists	78,000	5,000	67,000	10,500	D	D	81,000	17,500	70,000	5,500	77,000	5,000	D	D
Computer and information scientists	91,000	29,000	D	D	D	D	S	S	D	D	81,000	4,500	D	D
Mathematical scientists	75,000	6,000	84,000	13,500	D	D	D	D	D	D	74,000	6,500	D	D
Physical scientists	72,000	4,500	71,000	13,000	D	D	70,000	8,000	68,000	4,000	74,000	5,000	D	D
Psychologists	89,000	1,000	90,000	9,500	D	D	D	D	89,000	4,000	89,000	2,000	D	D
Social scientists	80,000	3,500	79,000	5,500	D	D	D	D	86,000	7,000	80,000	3,000	S	S
Engineering occupations	59,000	3,500	*	*	D	D	S	S	D	D	60,000	10,000	D	D
S&E-related occupations	70,000	1,500	62,000	6,000	D	D	65,000	7,500	78,000	12,500	70,000	2,000	72,000	18,500
Non-S&E occupations	98,000	4,000	96,000	7,000	D	D	80,000	15,000	115,000	8,500	98,000	6,500	76,000	13,500
Private, for profit[f]	156,000	1,500	142,000	5,000	122,000	29,000	155,000	2,000	129,000	4,000	160,000	1,000	150,000	3,500
Science occupations	150,000	500	134,000	6,500	120,000	30,500	150,000	1,000	128,000	4,000	150,000	500	140,000	11,000
Biological, agricultural, and other life scientists	136,000	3,500	124,000	6,000	D	D	134,000	3,000	124,000	6,500	140,000	1,500	146,000	9,000
Computer and information scientists	165,000	5,000	164,000	3,500	D	D	170,000	6,000	161,000	10,000	165,000	4,500	159,000	13,500
Mathematical scientists	164,000	5,500	159,000	12,000	D	D	165,000	6,000	126,000	8,500	162,000	6,000	158,000	24,000
Physical scientists	135,000	2,000	125,000	6,500	D	D	130,000	5,000	125,000	2,500	139,000	3,500	106,000	17,500
Psychologists	119,000	5,000	100,000	12,500	D	D	127,000	7,500	101,000	12,500	119,000	3,500	90,000	5,500
Social scientists	150,000	9,500	160,000	24,000	D	D	144,000	13,500	160,000	27,500	157,000	11,500	164,000	34,500
Engineering occupations	150,000	500	141,000	4,500	*	*	149,000	2,500	135,000	7,500	154,000	4,500	150,000	13,500
S&E-related occupations	179,000	5,000	163,000	17,000	S	S	179,000	6,500	137,000	24,000	180,000	5,000	167,000	17,500
Non-S&E occupations	185,000	5,000	170,000	16,500	D	D	187,000	7,500	119,000	7,000	187,000	5,000	160,000	27,500

TABLE 72

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

(Dollars)

Employment sector and occupation	All full-time employed		Hispanic or Latino[a]		Not Hispanic or Latino[b]									
					American Indian or Alaska Native		Asian		Black or African American		White		Other race[c]	
	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE
Private, nonprofit	125,000	2,000	100,000	5,000	127,000	20,000	120,000	3,500	122,000	9,500	129,000	3,000	118,000	17,000
Science occupations	117,000	3,000	96,000	2,500	S	S	106,000	6,000	114,000	13,000	120,000	4,500	117,000	15,500
Biological, agricultural, and other life scientists	99,000	5,000	68,000	6,500	D	D	77,000	6,500	113,000	22,500	111,000	5,500	134,000	45,000
Computer and information scientists	131,000	4,000	85,000	27,500	D	D	118,000	9,000	*	*	138,000	15,000	S	S
Mathematical scientists	141,000	11,000	147,000	28,000	D	D	115,000	12,500	149,000	18,500	146,000	11,500	D	D
Physical scientists	137,000	4,500	90,000	18,500	D	D	126,000	22,000	98,000	12,500	141,000	6,000	S	S
Psychologists	109,000	4,000	95,000	7,500	D	D	109,000	16,000	100,000	10,500	110,000	2,000	D	D
Social scientists	131,000	7,500	98,000	16,500	D	D	159,000	35,500	118,000	19,000	135,000	7,000	S	S
Engineering occupations	143,000	5,500	138,000	7,500	D	D	137,000	7,000	123,000	18,500	150,000	9,000	87,000	43,000
S&E-related occupations	149,000	7,000	137,000	9,500	D	D	140,000	26,500	183,000	30,000	149,000	9,000	149,000	23,000
Non-S&E occupations	120,000	4,000	95,000	14,500	S	S	125,000	36,500	98,000	13,500	124,000	5,000	85,000	14,500
Federal government	131,000	2,500	119,000	1,500	131,000	10,500	135,000	5,500	120,000	3,500	134,000	2,000	120,000	7,000
Science occupations	128,000	2,500	118,000	5,000	D	D	133,000	6,500	113,000	5,500	129,000	2,000	119,000	7,500
Biological, agricultural, and other life scientists	124,000	3,000	109,000	8,000	D	D	129,000	6,000	109,000	6,500	124,000	3,000	111,000	8,500
Computer and information scientists	138,000	5,000	117,000	9,500	D	D	138,000	15,000	135,000	9,000	138,000	9,000	*	*
Mathematical scientists	135,000	5,500	156,000	13,000	D	D	134,000	10,000	120,000	4,500	135,000	8,500	*	*
Physical scientists	135,000	4,000	110,000	11,500	D	D	125,000	17,000	114,000	9,000	139,000	3,500	109,000	6,000
Psychologists	115,000	2,000	109,000	5,500	D	D	121,000	13,000	102,000	4,000	115,000	2,000	120,000	11,000
Social scientists	137,000	3,500	122,000	16,000	D	D	163,000	5,000	113,000	11,500	137,000	3,500	D	D
Engineering occupations	140,000	3,000	124,000	4,500	D	D	141,000	12,000	144,000	4,000	141,000	4,000	129,000	18,000
S&E-related occupations	150,000	4,500	137,000	21,000	D	D	130,000	22,500	149,000	4,500	154,000	6,500	133,000	38,000
Non-S&E occupations	144,000	3,500	121,000	4,000	D	D	138,000	16,000	138,000	22,500	146,000	4,000	*	*
State or local government	105,000	3,000	93,000	5,000	S	S	105,000	5,500	93,000	7,000	105,000	2,000	111,000	20,000

TABLE 72

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

(Dollars)

Employment sector and occupation	All full-time employed		Hispanic or Latino[a]		Not Hispanic or Latino[b]									
					American Indian or Alaska Native		Asian		Black or African American		White		Other race[c]	
	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE
Science occupations	100,000	1,500	87,000	3,500	D	D	99,000	6,000	87,000	8,500	100,000	4,000	90,000	19,500
Biological, agricultural, and other life scientists	89,000	4,000	86,000	5,000	D	D	95,000	20,000	88,000	16,000	89,000	5,500	70,000	31,000
Computer and information scientists	112,000	21,000	D	D	D	D	98,000	7,000	S	S	127,000	14,000	D	D
Mathematical scientists	78,000	7,500	D	D	D	D	108,000	20,000	D	D	75,000	3,500	D	D
Physical scientists	116,000	16,000	90,000	18,500	D	D	97,000	4,000	118,000	37,000	138,000	13,000	D	D
Psychologists	103,000	2,500	D	D	D	D	D	D	81,000	9,000	104,000	3,500	D	D
Social scientists	100,000	4,000	83,000	10,500	D	D	105,000	12,000	93,000	8,000	100,000	4,500	D	D
Engineering occupations	110,000	11,000	108,000	28,000	D	D	96,000	5,000	103,000	11,500	144,000	25,000	D	D
S&E-related occupations	119,000	4,500	89,000	8,000	D	D	120,000	21,000	135,000	49,500	114,000	6,500	S	S
Non-S&E occupations	105,000	5,500	106,000	18,000	D	D	134,000	17,000	89,000	13,000	104,000	7,500	117,000	23,500
Self-employed[g]	109,000	9,500	79,000	11,000	D	D	118,000	19,500	89,000	26,500	115,000	7,000	113,000	17,500
Science occupations	118,000	6,500	76,000	22,000	D	D	96,000	7,500	93,000	37,000	119,000	4,000	120,000	9,000
Biological, agricultural, and other life scientists	97,000	30,000	S	S	D	D	D	D	S	S	108,000	32,500	D	D
Computer and information scientists	104,000	32,000	D	D	D	D	S	S	D	D	155,000	45,500	D	D
Mathematical scientists	97,000	39,500	D	D	D	D	D	D	D	D	96,000	46,500	D	D
Physical scientists	57,000	22,000	D	D	D	D	D	D	D	D	45,000	14,000	D	D
Psychologists	120,000	5,000	89,000	13,500	D	D	D	D	99,000	23,500	122,000	5,000	D	D
Social scientists	111,000	14,500	D	D	D	D	S	S	D	D	111,000	12,500	D	D
Engineering occupations	94,000	4,500	D	D	D	D	117,000	32,500	D	D	92,000	8,500	D	D
S&E-related occupations	123,000	36,000	D	D	D	D	305,000	99,000	D	D	90,000	27,500	D	D
Non-S&E occupations	90,000	11,500	70,000	10,000	D	D	118,000	25,500	71,000	21,500	86,000	11,500	D	D
Other sector[h]	140,000	7,000	159,000	18,500	D	D	135,000	11,500	120,000	25,500	140,000	7,500	159,000	47,500
Science occupations	129,000	10,000	188,000	30,500	D	D	142,000	29,500	121,000	19,000	122,000	7,500	118,000	22,500

TABLE 72

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

(Dollars)

Employment sector and occupation	All full-time employed		Hispanic or Latino[a]		Not Hispanic or Latino[b]									
					American Indian or Alaska Native		Asian		Black or African American		White		Other race[c]	
	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE
Biological, agricultural, and other life scientists	84,000	6,000	D	D	D	D	S	S	D	D	88,000	19,000	D	D
Computer and information scientists	170,000	37,000	D	D	D	D	202,000	57,000	D	D	D	D	D	D
Mathematical scientists	S	S	D	D	D	D	S	S	D	D	S	S	D	D
Physical scientists	123,000	10,500	D	D	D	D	92,000	26,000	D	D	127,000	9,000	D	D
Psychologists	80,000	14,000	D	D	D	D	D	D	D	D	79,000	15,000	D	D
Social scientists	174,000	22,500	195,000	9,500	D	D	S	S	D	D	170,000	25,500	D	D
Engineering occupations	140,000	6,500	D	D	D	D	130,000	4,500	D	D	153,000	4,500	D	D
S&E-related occupations	190,000	36,500	D	D	D	D	S	S	D	D	168,000	68,500	D	D
Non-S&E occupations	147,000	27,500	141,000	40,500	D	D	131,000	17,500	D	D	136,000	39,500	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] Hispanic or Latino may be of any race.

[b] American Indian or Alaska Native, Asian, Black or African American, and White are single race.

[c] Other race includes Native Hawaiian or Other Pacific Islander and persons reporting more than one race who are not of Hispanic or Latino ethnicity.

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

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

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

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

[h] 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.