

TABLE 72

Median annual salary of U.S. residing full-time employed doctoral scientists and engineers, by sector of employment, broad occupation, ethnicity, and race: 2023

(Dollars and SE)

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	137,000	1,500	120,000	2,500	110,000	11,500	150,000	500	120,000	1,000	134,000	1,500	125,000	3,500
Science occupations	125,000	1,500	112,000	3,500	95,000	7,000	140,000	1,000	110,000	3,000	121,000	2,000	119,000	3,500
Biological, agricultural, and other life scientists	120,000	500	106,000	4,500	85,000	17,000	123,000	3,500	118,000	5,500	120,000	1,000	120,000	7,000
Computer and information scientists	176,000	3,000	155,000	8,500	S	S	184,000	6,000	159,000	13,000	171,000	3,000	176,000	18,500
Mathematical scientists	136,000	2,500	124,000	9,500	D	D	150,000	3,000	114,000	8,500	129,000	2,000	121,000	17,000
Physical scientists	120,000	500	112,000	6,000	129,000	10,000	120,000	1,500	102,000	5,000	120,000	1,000	110,000	7,500
Psychologists	108,000	3,000	103,000	4,000	70,000	24,500	110,000	11,000	93,000	11,000	109,000	1,500	86,000	8,500
Social scientists	110,000	1,000	115,000	4,000	93,000	4,500	118,000	3,500	100,000	1,500	108,000	2,500	110,000	10,500
Engineering occupations	150,000	500	130,000	3,500	176,000	7,500	150,000	500	130,000	7,000	153,000	2,500	147,000	16,000
S&E-related occupations	145,000	2,500	118,000	5,000	140,000	8,500	169,000	4,000	124,000	3,000	143,000	3,500	123,000	8,000
Non-S&E occupations	154,000	3,500	133,000	6,000	114,000	11,000	175,000	5,500	130,000	7,500	150,000	4,500	140,000	9,000
4-year educational institution ^d	105,000	1,000	97,000	2,500	96,000	4,000	104,000	3,000	100,000	1,500	106,000	1,500	98,000	3,000
Science occupations	100,000	1,500	91,000	2,000	92,000	6,000	100,000	500	90,000	3,000	100,000	1,000	94,000	5,000
Biological, agricultural, and other life scientists	95,000	1,500	81,000	3,500	85,000	14,000	97,000	4,500	89,000	3,000	95,000	2,000	91,000	8,000
Computer and information scientists	118,000	3,500	106,000	9,500	D	D	113,000	3,500	127,000	18,000	119,000	3,000	211,000	69,500
Mathematical scientists	99,000	2,500	98,000	5,500	D	D	100,000	2,500	82,000	6,000	99,000	3,000	85,000	9,500
Physical scientists	93,000	1,500	81,000	2,500	*	*	90,000	3,000	75,000	6,500	95,000	3,000	89,000	6,000
Psychologists	98,000	2,000	97,000	3,000	88,000	21,500	95,000	6,000	88,000	7,500	99,000	2,000	85,000	3,500
Social scientists	100,000	500	100,000	4,000	92,000	5,500	106,000	5,500	97,000	4,000	100,000	500	97,000	5,500
Engineering occupations	120,000	500	110,000	3,000	D	D	110,000	4,000	105,000	6,000	125,000	3,500	125,000	6,500
S&E-related occupations	120,000	1,500	108,000	2,500	S	S	120,000	3,000	105,000	6,000	120,000	2,500	100,000	13,000
Non-S&E occupations	123,000	3,500	110,000	6,500	75,000	33,000	115,000	5,500	123,000	8,000	127,000	3,500	112,000	19,000
Other educational institution ^e	87,000	2,000	82,000	3,500	71,000	17,000	94,000	13,500	94,000	4,000	86,000	2,500	76,000	17,000
Science occupations	85,000	2,500	82,000	4,000	S	S	101,000	13,000	88,000	5,000	85,000	2,000	100,000	19,000
Biological, agricultural, and other life scientists	84,000	6,500	68,000	7,000	D	D	119,000	29,000	71,000	7,500	80,000	4,000	S	S
Computer and information scientists	87,000	19,500	D	D	D	D	D	D	*	*	81,000	15,500	D	D
Mathematical scientists	89,000	12,500	78,000	6,000	D	D	D	D	D	D	87,000	21,500	D	D
Physical scientists	81,000	3,000	82,000	12,000	D	D	77,000	6,000	75,000	6,500	83,000	4,000	D	D
Psychologists	89,000	8,000	D	D	D	D	D	D	D	D	95,000	9,000	D	D
Social scientists	88,000	4,000	86,000	8,500	D	D	D	D	96,000	6,500	85,000	4,500	D	D
Engineering occupations	89,000	8,000	D	D	D	D	D	D	D	D	D	D	D	D
S&E-related occupations	80,000	2,500	78,000	3,500	D	D	78,000	7,500	89,000	7,000	80,000	3,000	S	S
Non-S&E occupations	98,000	4,500	92,000	9,500	D	D	72,000	20,500	118,000	19,000	97,000	5,000	79,000	15,500

TABLE 72

Median annual salary of U.S. residing full-time employed doctoral scientists and engineers, by sector of employment, broad occupation, ethnicity, and race: 2023

(Dollars and SE)

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, for profit ^f	175,000	500	150,000	3,500	180,000	14,000	180,000	3,500	150,000	1,500	175,000	500	168,000	6,500
Science occupations	170,000	500	149,000	1,500	178,000	21,500	175,000	3,500	150,000	3,500	169,000	1,500	163,000	7,000
Biological, agricultural, and other life scientists	150,000	2,000	139,000	4,000	D	D	149,000	1,500	150,000	10,000	157,000	4,000	165,000	9,000
Computer and information scientists	200,000	6,000	179,000	8,500	D	D	200,000	500	180,000	8,500	190,000	3,000	180,000	17,000
Mathematical scientists	175,000	4,500	168,000	7,000	D	D	179,000	2,500	140,000	12,500	174,000	5,500	139,000	8,000
Physical scientists	148,000	2,500	139,000	10,000	D	D	139,000	4,000	124,000	9,500	149,000	1,000	137,000	24,500
Psychologists	157,000	10,000	143,000	17,000	D	D	171,000	22,500	143,000	17,500	150,000	12,000	S	S
Social scientists	170,000	12,000	157,000	21,500	D	D	159,000	21,500	161,000	32,500	170,000	14,000	197,000	21,000
Engineering occupations	166,000	2,500	149,000	3,000	D	D	165,000	2,500	148,000	6,000	170,000	1,000	159,000	13,500
S&E-related occupations	190,000	3,000	148,000	13,000	S	S	199,000	1,000	151,000	7,500	189,000	5,500	196,000	30,000
Non-S&E occupations	200,000	500	177,000	12,000	S	S	200,000	3,000	149,000	12,000	200,000	500	184,000	30,500
Private, nonprofit	140,000	2,000	116,000	3,000	101,000	31,500	139,000	7,500	138,000	9,000	144,000	4,000	135,000	10,500
Science occupations	135,000	4,500	115,000	3,000	S	S	126,000	5,500	125,000	10,000	142,000	4,500	136,000	12,000
Biological, agricultural, and other life scientists	110,000	6,000	93,000	7,000	D	D	97,000	5,000	78,000	20,500	121,000	6,500	128,000	14,500
Computer and information scientists	155,000	4,500	110,000	38,500	D	D	155,000	17,500	D	D	153,000	5,000	D	D
Mathematical scientists	150,000	6,500	111,000	9,000	D	D	149,000	24,500	141,000	17,000	150,000	7,500	D	D
Physical scientists	155,000	3,500	146,000	19,000	D	D	149,000	5,500	126,000	15,500	160,000	3,500	102,000	23,500
Psychologists	128,000	4,000	D	D	D	D	133,000	15,500	D	D	127,000	5,000	D	D
Social scientists	149,000	3,500	118,000	13,000	D	D	149,000	17,500	139,000	16,000	150,000	4,000	135,000	29,000
Engineering occupations	169,000	5,000	147,000	33,500	D	D	167,000	15,500	154,000	27,500	170,000	4,500	D	D
S&E-related occupations	147,000	5,000	137,000	23,500	D	D	153,000	17,500	141,000	11,500	148,000	4,500	118,000	34,000
Non-S&E occupations	128,000	5,500	103,000	11,500	S	S	123,000	19,000	146,000	22,500	128,000	6,500	121,000	18,000
Federal government	145,000	1,000	136,000	5,000	140,000	10,000	150,000	2,500	135,000	4,000	147,000	2,500	130,000	5,500
Science occupations	140,000	1,000	140,000	5,500	D	D	144,000	6,000	126,000	4,500	141,000	2,500	129,000	12,500
Biological, agricultural, and other life scientists	130,000	3,000	124,000	7,500	S	S	130,000	7,000	122,000	5,000	132,000	3,500	120,000	7,000
Computer and information scientists	160,000	8,500	149,000	30,000	D	D	157,000	6,500	153,000	18,000	169,000	6,500	D	D
Mathematical scientists	144,000	5,500	124,000	21,500	D	D	147,000	6,500	132,000	18,000	144,000	9,000	D	D
Physical scientists	140,000	3,000	142,000	2,000	D	D	135,000	11,500	115,000	6,500	144,000	5,500	141,000	7,000
Psychologists	140,000	3,500	D	D	D	D	D	D	142,000	22,500	141,000	6,500	D	D
Social scientists	153,000	5,000	145,000	18,500	D	D	173,000	13,000	133,000	9,000	150,000	5,000	D	D
Engineering occupations	150,000	1,500	128,000	6,000	D	D	149,000	10,000	152,000	11,500	150,000	1,500	130,000	11,500
S&E-related occupations	152,000	3,500	139,000	8,500	D	D	192,000	13,000	142,000	7,000	152,000	4,000	130,000	14,500
Non-S&E occupations	150,000	6,500	125,000	9,500	S	S	165,000	11,000	148,000	11,000	154,000	6,500	113,000	16,000
State or local government	110,000	1,500	99,000	3,000	S	S	112,000	5,500	106,000	6,500	110,000	3,000	110,000	16,000

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					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	104,000	3,000	99,000	6,000	D	D	110,000	4,500	89,000	5,500	103,000	3,500	118,000	18,000
Biological, agricultural, and other life scientists	86,000	4,500	95,000	11,500	D	D	80,000	7,000	74,000	11,000	87,000	6,500	96,000	25,000
Computer and information scientists	109,000	10,000	*	*	D	D	107,000	10,000	D	D	124,000	33,000	D	D
Mathematical scientists	102,000	6,000	*	*	D	D	115,000	10,500	D	D	97,000	6,000	D	D
Physical scientists	125,000	10,000	84,000	5,000	D	D	127,000	27,500	D	D	122,000	11,500	S	S
Psychologists	110,000	5,500	D	D	D	D	D	D	D	D	115,000	10,500	D	D
Social scientists	100,000	6,000	D	D	D	D	112,000	11,000	76,000	33,000	100,000	4,000	*	*
Engineering occupations	120,000	6,500	113,000	30,500	D	D	114,000	7,000	105,000	15,000	141,000	14,000	D	D
S&E-related occupations	118,000	7,500	96,000	3,500	D	D	122,000	14,000	100,000	20,000	120,000	9,000	104,000	28,500
Non-S&E occupations	116,000	9,500	94,000	13,000	D	D	86,000	14,000	143,000	32,500	116,000	12,000	91,000	28,000
Self-employed ^g	120,000	2,000	83,000	11,000	D	D	141,000	25,000	98,000	21,000	120,000	3,500	70,000	30,000
Science occupations	119,000	10,000	153,000	25,500	D	D	121,000	29,000	93,000	31,500	119,000	18,500	S	S
Biological, agricultural, and other life scientists	117,000	20,500	D	D	D	D	D	D	D	D	116,000	26,500	D	D
Computer and information scientists	143,000	54,000	D	D	D	D	S	S	D	D	126,000	41,000	D	D
Mathematical scientists	S	S	D	D	D	D	D	D	D	D	S	S	D	D
Physical scientists	95,000	39,000	D	D	D	D	D	D	D	D	S	S	D	D
Psychologists	128,000	9,000	D	D	D	D	D	D	D	D	117,000	18,000	D	D
Social scientists	102,000	19,500	D	D	D	D	D	D	D	D	100,000	35,000	D	D
Engineering occupations	110,000	10,000	S	S	D	D	S	S	D	D	111,000	8,500	D	D
S&E-related occupations	139,000	7,500	84,000	10,500	D	D	S	S	D	D	139,000	7,000	D	D
Non-S&E occupations	99,000	7,000	49,000	23,500	D	D	113,000	30,000	93,000	8,000	98,000	10,500	D	D
Other sector ^h	147,000	22,000	202,000	32,500	D	D	S	S	D	D	128,000	10,500	D	D
Science occupations	171,000	25,500	197,000	26,000	D	D	S	S	S	S	147,000	37,500	D	D
Biological, agricultural, and other life scientists	81,000	8,000	D	D	D	D	D	D	D	D	S	S	D	D
Computer and information scientists	D	D	D	D	D	D	D	D	D	D	D	D	D	D
Mathematical scientists	S	S	D	D	D	D	D	D	D	D	D	D	D	D
Physical scientists	D	D	D	D	D	D	D	D	D	D	D	D	D	D
Psychologists	D	D	D	D	D	D	D	D	D	D	D	D	D	D
Social scientists	187,000	25,500	203,000	32,500	D	D	S	S	D	D	188,000	55,500	D	D
Engineering occupations	S	S	D	D	D	D	D	D	D	D	D	D	D	D
S&E-related occupations	S	S	D	D	D	D	D	D	D	D	D	D	D	D
Non-S&E occupations	107,000	23,500	D	D	D	D	D	D	D	D	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 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 individuals who reported being Native Hawaiian or Other Pacific Islander, single race, and those who reported being more than one race.

^d Four-year educational institution includes 4-year colleges or universities, medical schools (including university-affiliated hospitals or medical centers), and university-affiliated research institutes.

^e Other educational institution includes 2-year colleges, community colleges, technical institutes, precollege institutions, and other educational institutions.

^f Private, for profit includes those self-employed in an incorporated business.

^g Self-employed or business owner in a nonincorporated business.

^h Other sector includes employers not broken out separately.

Note(s):

Median annual salary 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 2023.

Source(s):

National Center for Science and Engineering Statistics, Survey of Doctorate Recipients, 2023.