

TABLE 67

Median annual salary of U.S. residing full-time employed doctoral scientists and engineers, by occupation and age: 2023

(Dollars and SE)

Occupation	All full-time employed		Under 35		35–39		40–44		45–49		50–54		55–59		60–64		65–75	
	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	137,000	1,500	112,000	2,500	125,000	1,000	130,000	3,000	140,000	500	150,000	500	155,000	3,000	150,000	1,000	150,000	500
Science occupations	125,000	1,500	110,000	1,500	120,000	500	121,000	2,500	126,000	3,000	133,000	4,000	139,000	2,500	140,000	2,500	150,000	3,000
Biological, agricultural, and other life scientists	120,000	500	90,000	1,500	109,000	2,000	115,000	2,500	120,000	2,500	131,000	5,500	136,000	4,500	143,000	6,000	156,000	5,000
Agricultural, food scientists	124,000	2,500	98,000	2,500	102,000	7,000	123,000	4,500	120,000	9,000	134,000	6,500	136,000	3,500	150,000	7,000	147,000	12,500
Biochemists, biophysicists	122,000	4,500	85,000	6,500	117,000	3,500	116,000	7,500	134,000	14,000	169,000	14,000	151,000	8,500	148,000	11,500	180,000	13,000
Biological scientists	116,000	3,500	71,000	3,000	106,000	4,000	115,000	5,000	121,000	5,000	126,000	5,500	147,000	8,000	123,000	7,500	149,000	8,000
Forestry, conservation scientists	104,000	6,500	75,000	7,000	79,000	7,500	87,000	6,500	99,000	15,000	142,000	13,500	106,000	17,000	145,000	14,000	143,000	19,500
Medical scientists	143,000	3,500	99,000	3,500	125,000	5,000	145,000	7,000	149,000	2,500	170,000	6,500	166,000	15,000	184,000	11,500	194,000	11,000
Postsecondary teachers, agricultural, other natural sciences	110,000	2,500	86,000	4,000	91,000	4,500	103,000	8,500	107,000	4,000	105,000	8,000	108,000	2,000	125,000	11,000	139,000	10,500
Postsecondary teachers, biological sciences	95,000	1,500	71,000	6,000	86,000	3,500	81,000	4,500	89,000	2,000	97,000	3,000	98,000	6,500	106,000	4,500	137,000	10,500
Other biological, agricultural, life scientists	129,000	4,000	108,000	6,000	119,000	5,000	137,000	8,500	128,000	5,000	160,000	11,500	157,000	10,000	132,000	8,500	163,000	17,000
Computer and information scientists	176,000	3,000	175,000	3,500	180,000	3,000	189,000	8,000	179,000	4,000	177,000	6,000	169,000	8,500	158,000	4,500	170,000	7,500
Computer and information scientists	185,000	2,500	179,000	2,000	190,000	6,000	199,000	1,500	199,000	11,500	198,000	9,500	174,000	6,500	165,000	10,000	179,000	5,000
Postsecondary teachers, computer science	112,000	3,000	108,000	7,500	107,000	4,500	106,000	5,500	101,000	9,000	117,000	7,000	136,000	10,500	118,000	10,000	112,000	15,000
Mathematical scientists	136,000	2,500	134,000	4,000	141,000	6,500	139,000	4,000	130,000	8,500	138,000	8,500	136,000	8,000	130,000	6,500	127,000	9,500
Mathematical scientists	160,000	2,500	149,000	5,000	160,000	5,000	164,000	10,000	171,000	8,500	172,000	16,500	182,000	9,000	186,000	10,500	148,000	10,000
Postsecondary teachers, mathematics, statistics	95,000	2,000	75,000	2,500	80,000	8,500	85,000	4,500	99,000	3,500	100,000	6,000	102,000	5,000	105,000	4,500	119,000	5,500
Physical scientists	120,000	500	94,000	2,000	106,000	3,500	115,000	4,000	125,000	4,000	129,000	4,500	137,000	7,000	146,000	7,000	149,000	3,000
Chemists, except biochemists	130,000	2,000	101,000	4,500	123,000	4,000	130,000	3,000	140,000	9,000	147,000	11,000	159,000	7,000	168,000	12,000	172,000	13,000
Earth, atmospheric, ocean scientists	125,000	4,500	87,000	3,500	104,000	4,500	128,000	12,000	132,000	12,500	130,000	16,000	150,000	8,000	157,000	13,000	172,000	12,000
Physicists, astronomers	150,000	3,500	106,000	9,000	123,000	12,500	150,000	10,500	149,000	14,500	163,000	12,500	179,000	12,500	180,000	7,500	185,000	7,500
Postsecondary teachers, chemistry	84,000	2,000	71,000	2,500	78,000	2,000	79,000	4,500	86,000	10,000	83,000	7,500	90,000	6,000	95,000	5,000	97,000	6,500
Postsecondary teachers, physics	100,000	5,000	72,000	14,500	99,000	5,500	81,000	7,500	98,000	4,500	106,000	15,000	109,000	17,000	117,000	22,000	139,000	10,000
Postsecondary teachers, other physical science	98,000	2,500	74,000	3,000	85,000	4,500	85,000	5,500	109,000	6,500	99,000	10,000	98,000	3,500	109,000	11,000	130,000	10,500
Other physical scientists	148,000	4,500	125,000	13,000	120,000	14,500	152,000	5,500	126,000	21,000	160,000	29,500	164,000	23,500	179,000	11,000	159,000	6,000
Psychologists	108,000	3,000	98,000	3,500	100,000	5,000	100,000	4,500	110,000	5,500	109,000	3,000	120,000	10,500	106,000	5,000	132,000	9,500
Psychologists	127,000	4,000	114,000	6,500	115,000	4,500	125,000	6,000	133,000	6,500	141,000	15,000	160,000	14,000	118,000	22,500	150,000	8,000
Postsecondary teachers, psychology	92,000	3,000	71,000	2,000	77,000	2,500	83,000	3,500	88,000	7,000	100,000	3,000	104,000	5,500	102,000	5,500	116,000	8,000
Social scientists	110,000	1,000	98,000	4,000	103,000	3,000	100,000	3,500	105,000	4,500	114,000	6,000	125,000	5,500	115,000	7,000	120,000	5,500
Economists	170,000	5,500	147,000	8,500	159,000	6,000	180,000	19,500	155,000	18,000	249,000	11,500	165,000	15,000	169,000	15,000	175,000	24,000
Political scientists	139,000	11,500	106,000	19,500	101,000	7,000	136,000	22,500	133,000	25,000	163,000	27,500	176,000	51,500	D	D	141,000	26,000
Postsecondary teachers, economics	124,000	3,000	118,000	9,000	119,000	4,500	122,000	6,500	128,000	9,000	144,000	29,000	130,000	21,000	128,000	16,500	122,000	13,000
Postsecondary teachers, political science	93,000	4,000	81,000	7,500	75,000	5,500	81,000	5,500	83,000	3,000	99,000	7,000	116,000	13,000	111,000	16,000	127,000	5,000
Postsecondary teachers, sociology	89,000	2,500	82,000	17,000	78,000	6,500	82,000	4,500	82,000	8,500	89,000	8,500	98,000	4,500	90,000	5,500	108,000	18,500
Postsecondary teachers, other social sciences	92,000	2,000	78,000	4,500	81,000	3,000	89,000	2,500	90,000	4,500	98,000	5,500	100,000	9,500	99,000	2,500	95,000	6,500

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Occupation	All full-time employed		Under 35		35–39		40–44		45–49		50–54		55–59		60–64		65–75	
	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
Sociologists, anthropologists	110,000	7,500	79,000	9,500	93,000	4,500	105,000	28,500	132,000	19,500	128,000	11,000	112,000	45,500	82,000	22,000	120,000	51,500
Other social scientists	125,000	4,000	93,000	7,500	116,000	10,000	118,000	3,500	145,000	17,000	150,000	6,500	130,000	14,500	125,000	11,000	133,000	29,000
Engineering occupations	150,000	500	124,000	2,000	140,000	2,000	146,000	5,000	160,000	4,500	179,000	4,500	175,000	4,000	169,000	4,000	156,000	8,000
Aerospace, aeronautical, astronautical engineers	170,000	2,500	134,000	5,000	150,000	2,500	158,000	11,000	164,000	16,000	191,000	5,500	196,000	7,000	178,000	7,000	202,000	15,500
Chemical engineers	149,000	3,500	128,000	3,000	143,000	7,000	150,000	9,000	147,000	14,000	195,000	19,000	180,000	17,500	190,000	10,000	182,000	13,000
Civil, architectural, sanitary engineers	128,000	4,000	89,000	4,500	109,000	3,500	120,000	10,500	129,000	18,500	138,000	10,000	166,000	5,500	150,000	24,500	169,000	40,500
Electrical engineers	180,000	500	149,000	6,500	177,000	4,000	175,000	7,500	193,000	7,000	200,000	6,000	194,000	7,500	184,000	12,000	195,000	8,500
Industrial engineers	129,000	14,500	137,000	6,000	109,000	10,500	114,000	2,000	165,000	49,000	149,000	9,500	D	D	D	D	D	D
Mechanical engineers	150,000	1,000	119,000	3,000	136,000	5,000	150,000	7,000	164,000	19,500	177,000	6,500	167,000	12,000	170,000	17,500	150,000	12,000
Postsecondary teachers, engineering	120,000	500	103,000	3,500	101,000	3,000	109,000	4,000	119,000	3,500	144,000	14,000	135,000	5,500	148,000	16,000	127,000	8,000
Other engineers	150,000	1,000	122,000	4,000	138,000	5,000	157,000	7,000	167,000	11,500	179,000	5,000	184,000	7,000	165,000	6,000	164,000	11,000
S&E-related occupations	145,000	2,500	100,000	1,500	125,000	3,500	149,000	4,500	150,000	4,000	164,000	6,500	166,000	6,500	159,000	6,500	144,000	6,500
Health occupations, except postsecondary teachers and managers	130,000	1,000	89,000	3,000	114,000	4,500	130,000	9,000	133,000	6,000	152,000	8,000	153,000	6,000	146,000	5,500	140,000	5,500
Postsecondary teachers, health and related science	120,000	3,000	97,000	4,000	90,000	5,500	111,000	6,000	121,000	9,500	131,000	8,500	119,000	6,000	141,000	14,500	126,000	5,000
S&E managers, including health	194,000	5,000	139,000	4,500	169,000	7,000	194,000	6,000	199,000	6,000	205,000	7,000	211,000	15,000	199,000	3,500	205,000	11,500
S&E precollege teachers	74,000	3,000	64,000	7,500	65,000	7,000	74,000	4,000	74,000	3,500	66,000	12,000	86,000	3,500	79,000	4,000	63,000	28,000
S&E technicians and technologists	159,000	3,000	138,000	11,500	168,000	10,000	170,000	21,500	143,000	10,000	138,000	52,500	166,000	31,500	129,000	52,500	105,000	47,000
Other S&E-related occupations	166,000	23,500	D	D	D	D	141,000	9,000	D	D	D	D	176,000	18,000	D	D	D	D
Non-S&E occupations	154,000	3,500	116,000	4,500	123,000	5,000	150,000	4,500	150,000	3,000	177,000	6,000	176,000	5,000	170,000	5,500	160,000	9,500
Arts, humanities-related occupations	99,000	2,000	88,000	4,500	103,000	4,500	109,000	9,000	99,000	7,000	132,000	11,500	79,000	21,500	82,000	24,000	75,000	22,000
Management-related occupations	160,000	4,000	134,000	4,000	140,000	10,000	161,000	6,500	154,000	11,500	170,000	9,000	178,000	8,500	178,000	6,500	154,000	11,500
Non-S&E managers	200,000	500	130,000	15,000	180,000	16,500	191,000	11,500	194,000	10,500	209,000	11,000	220,000	11,000	220,000	12,500	209,000	14,000
Non-S&E postsecondary teachers	101,000	3,000	88,000	10,500	90,000	5,000	86,000	4,000	99,000	3,000	100,000	1,000	111,000	13,000	119,000	8,000	114,000	5,500
Non-S&E precollege and other teachers	74,000	5,000	68,000	21,000	63,000	6,500	68,000	10,500	86,000	25,000	86,000	12,500	79,000	13,000	81,000	11,500	61,000	9,000
Sales, marketing occupations	150,000	2,500	117,000	11,000	140,000	14,000	161,000	10,000	146,000	12,000	175,000	15,000	148,000	10,000	141,000	25,000	163,000	59,000
Social service-related occupations	82,000	4,500	82,000	9,500	82,000	7,500	80,000	10,500	83,000	10,000	80,000	13,000	80,000	9,500	96,000	6,000	65,000	8,500
Other non-S&E occupations	139,000	8,500	129,000	14,500	111,000	13,000	128,000	12,500	171,000	14,000	172,000	41,000	149,000	27,500	123,000	2,500	134,000	40,000

D = suppressed to avoid disclosure of confidential information.

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

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.