

TABLE 67

Median annual salaries of U.S. residing full-time employed doctoral scientists and engineers, by occupation and age: 2019

(Dollars)

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	119,000	1,000	93,000	1,500	102,000	2,000	113,000	2,000	120,000	1,500	130,000	500	135,000	1,500	133,000	3,000	130,000	1,500
Science occupations	106,000	1,500	87,000	2,000	95,000	500	102,000	2,500	110,000	2,000	119,000	3,000	122,000	4,000	120,000	2,500	125,000	3,000
Biological, agricultural, and other life scientist	100,000	500	70,000	3,000	84,000	2,000	97,000	3,500	108,000	4,000	119,000	2,500	123,000	3,500	125,000	3,500	140,000	7,000
Agricultural, food scientist	109,000	2,500	85,000	5,000	97,000	4,500	100,000	4,500	117,000	9,000	119,000	6,500	126,000	4,500	126,000	9,000	139,000	14,500
Biochemists, biophysicist	100,000	4,000	60,000	9,000	83,000	7,500	109,000	9,000	126,000	8,000	132,000	14,500	146,000	10,000	133,000	29,000	143,000	38,500
Biological scientist	90,000	2,000	60,000	2,000	73,000	3,000	88,000	3,000	100,000	4,500	110,000	8,500	116,000	5,000	121,000	7,000	115,000	15,000
Forestry, conservation scientist	98,000	5,500	63,000	19,000	64,000	3,000	87,000	6,000	87,000	10,000	82,000	23,000	114,000	9,500	100,000	7,000	151,000	23,500
Medical scientist	119,000	1,000	71,000	4,500	92,000	4,500	110,000	4,500	143,000	9,500	138,000	9,000	149,000	1,000	162,000	7,500	178,000	10,500
Postsecondary teachers, agricultural, other natural sciences	90,000	2,000	79,000	4,500	73,000	6,500	86,000	9,000	93,000	8,000	90,000	5,000	93,000	6,000	101,000	10,000	128,000	21,500
Postsecondary teachers, biological sciences	89,000	2,000	65,000	2,000	72,000	3,000	81,000	3,500	88,000	2,500	100,000	4,500	95,000	4,500	103,000	4,000	118,000	8,000
Other biological, agricultural, life scientist	109,000	2,500	78,000	2,500	95,000	3,500	119,000	2,500	135,000	11,500	134,000	5,500	134,000	13,000	143,000	15,000	127,000	25,000
Computer and information scientist	149,000	2,000	146,000	4,000	148,000	4,500	150,000	2,500	146,000	5,000	148,000	3,500	150,000	2,000	143,000	7,000	136,000	6,000
Computer and information scientist	153,000	2,500	149,000	1,500	159,000	4,500	159,000	4,500	162,000	7,500	150,000	2,000	152,000	9,500	149,000	4,000	139,000	5,000
Postsecondary teachers, computer science	101,000	3,500	85,000	4,000	95,000	4,500	100,000	5,500	103,000	4,000	106,000	14,000	111,000	12,000	108,000	9,500	120,000	6,500
Mathematical scientist	114,000	2,500	100,000	4,000	112,000	6,500	114,000	5,500	111,000	6,500	109,000	4,500	118,000	5,500	120,000	10,500	126,000	7,000
Mathematical scientist	140,000	3,500	130,000	4,000	137,000	4,000	149,000	8,000	139,000	9,500	149,000	6,500	157,000	13,500	160,000	8,000	156,000	11,500
Postsecondary teachers, mathematics, statistics	87,000	2,000	68,000	4,000	70,000	4,000	84,000	4,500	90,000	3,500	85,000	4,500	100,000	1,500	99,000	5,500	116,000	6,500
Physical scientist	102,000	2,500	80,000	2,500	86,000	3,500	99,000	1,500	110,000	4,000	113,000	5,500	128,000	3,500	129,000	7,000	127,000	4,000
Chemists, except biochemist	120,000	1,500	89,000	2,500	103,000	7,000	121,000	4,000	135,000	8,000	132,000	8,500	139,000	3,000	140,000	6,000	135,000	4,500
Earth, atmospheric, ocean scientist	110,000	1,500	73,000	3,000	90,000	4,000	104,000	7,000	112,000	12,000	126,000	8,500	144,000	3,500	145,000	8,000	136,000	19,500
Physicists, astronomers	130,000	1,500	70,000	6,000	114,000	13,500	137,000	6,000	133,000	7,000	148,000	7,500	164,000	6,000	165,000	3,500	148,000	12,500
Postsecondary teachers, chemistry	80,000	2,000	62,000	2,500	70,000	2,000	73,000	6,000	79,000	4,000	80,000	3,500	90,000	6,500	82,000	9,500	111,000	22,000
Postsecondary teachers, physics	92,000	3,000	77,000	11,000	76,000	3,000	80,000	4,500	92,000	10,000	97,000	10,000	110,000	6,000	98,000	5,000	110,000	13,500
Postsecondary teachers, other physical science	90,000	1,500	75,000	6,500	75,000	4,500	84,000	2,500	85,000	4,000	99,000	12,000	99,000	2,500	105,000	10,500	112,000	14,500
Other physical scientist	125,000	4,000	99,000	11,000	107,000	9,500	105,000	10,500	110,000	10,500	159,000	8,000	139,000	5,000	157,000	9,000	157,000	30,500
Psychologist	100,000	500	86,000	3,000	89,000	2,500	100,000	1,500	98,000	3,000	105,000	2,000	103,000	3,000	110,000	6,000	112,000	6,000
Psychologist	103,000	1,500	92,000	2,500	97,000	3,000	104,000	3,000	100,000	6,000	110,000	5,000	110,000	6,000	110,000	3,500	114,000	7,500
Postsecondary teachers, psychology	85,000	1,000	70,000	2,000	74,000	3,500	82,000	2,000	90,000	4,000	90,000	4,000	85,000	3,500	100,000	6,000	110,000	5,500
Social scientist	99,000	1,500	93,000	3,500	85,000	2,500	88,000	3,000	100,000	2,000	106,000	3,000	104,000	5,000	105,000	2,500	110,000	6,000
Economist	149,000	4,000	128,000	3,500	144,000	6,500	141,000	10,500	160,000	5,000	173,000	22,000	161,000	12,000	160,000	18,500	143,000	22,500
Political scientist	134,000	10,500	93,000	10,500	105,000	18,000	134,000	8,500	127,000	28,500	144,000	47,500	D	D	D	D	D	D
Postsecondary teachers, economics	110,000	3,500	117,000	11,000	109,000	6,000	100,000	2,000	116,000	5,000	120,000	19,500	116,000	14,000	106,000	2,500	116,000	4,500
Postsecondary teachers, political science	88,000	4,500	71,000	3,500	74,000	3,500	71,000	4,000	94,000	10,000	99,000	4,000	100,000	7,500	91,000	9,500	104,000	7,500
Postsecondary teachers, sociology	83,000	2,500	64,000	5,000	72,000	4,500	73,000	3,500	85,000	4,000	87,000	5,500	89,000	5,500	107,000	20,500	94,000	18,500
Postsecondary teachers, other social sciences	84,000	2,000	70,000	3,500	75,000	5,000	76,000	2,500	85,000	5,500	94,000	2,000	97,000	4,500	94,000	7,500	98,000	8,500

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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
Sociologist, anthropologist	89,000	6,000	70,000	6,500	72,000	6,500	79,000	13,000	94,000	7,000	80,000	22,000	103,000	9,500	97,000	28,000	88,000	7,500
Other social scientist	106,000	4,500	87,000	5,500	89,000	3,500	102,000	4,500	117,000	6,500	139,000	7,000	120,000	13,000	118,000	16,500	152,000	39,500
Engineering occupations	130,000	500	108,000	2,500	120,000	1,000	129,000	2,000	140,000	2,000	152,000	3,500	144,000	5,000	150,000	5,500	149,000	7,000
Aerospace, aeronautical, astronautical engineer	149,000	1,500	112,000	1,500	126,000	7,500	147,000	4,000	153,000	9,000	157,000	4,500	154,000	7,000	186,000	11,500	160,000	5,500
Chemical engineer	137,000	4,500	108,000	4,500	125,000	7,500	120,000	8,000	157,000	4,000	188,000	13,500	155,000	8,500	149,000	8,500	160,000	19,000
Civil, architectural, sanitary engineer	109,000	5,000	85,000	3,000	95,000	4,000	101,000	4,500	108,000	7,000	136,000	12,000	131,000	12,500	163,000	26,000	141,000	16,000
Electrical engineer	149,000	1,000	129,000	4,000	136,000	5,000	159,000	9,500	170,000	6,000	168,000	4,500	160,000	2,500	149,000	13,500	148,000	9,500
Industrial engineers	119,000	3,500	110,000	16,500	120,000	10,500	112,000	21,500	131,000	25,500	120,000	13,500	140,000	48,000	110,000	9,500	S	S
Mechanical engineer	129,000	3,500	100,000	3,000	116,000	4,000	130,000	6,500	133,000	14,500	150,000	18,500	143,000	9,500	130,000	9,000	154,000	19,500
Postsecondary teacher, engineering	108,000	2,500	84,000	2,500	95,000	2,000	103,000	4,000	110,000	3,500	120,000	4,000	115,000	3,500	126,000	9,500	125,000	10,000
Other engineer	130,000	500	105,000	3,000	120,000	4,000	125,000	3,500	141,000	7,000	149,000	5,500	149,000	10,500	155,000	7,500	152,000	13,000
S&E-related occupations	130,000	500	82,000	3,000	104,000	4,000	130,000	5,000	139,000	2,000	149,000	5,000	146,000	6,000	142,000	8,500	153,000	9,000
Health occupations, except postsecondary teachers and managers	139,000	3,500	68,000	3,500	98,000	5,500	139,000	8,000	169,000	31,500	193,000	19,500	181,000	8,500	169,000	18,000	188,000	17,500
Postsecondary teacher, health and related science	105,000	2,500	79,000	4,000	90,000	2,000	109,000	2,500	109,000	7,500	108,000	6,500	115,000	5,000	105,000	4,500	117,000	6,000
S&E managers, including health	164,000	4,000	116,000	5,000	130,000	4,500	149,000	5,000	168,000	8,000	175,000	4,500	178,000	7,000	191,000	9,000	197,000	2,500
S&E precollege teachers	63,000	2,500	53,000	7,000	55,000	3,500	60,000	4,000	66,000	10,000	74,000	6,500	64,000	6,000	60,000	11,000	49,000	7,000
S&E technicians/ technologists	129,000	3,500	109,000	5,500	125,000	13,500	131,000	11,500	131,000	6,500	147,000	12,500	134,000	23,500	146,000	22,000	94,000	25,500
Other S&E-related occupation	132,000	8,500	S	S	142,000	15,000	D	D	D	D	125,000	29,500	D	D	D	D	D	D
Non-S&E occupations	138,000	3,500	99,000	3,000	115,000	5,000	129,000	1,500	145,000	5,000	150,000	2,500	165,000	4,500	150,000	6,500	137,000	6,500
Arts, humanities-related occupation	93,000	3,500	90,000	4,000	93,000	2,500	89,000	6,500	93,000	6,000	116,000	17,000	121,000	12,500	90,000	9,000	50,000	19,500
Management-related occupation	140,000	5,500	113,000	4,500	125,000	6,000	148,000	6,000	145,000	6,500	152,000	7,000	159,000	9,000	148,000	7,000	129,000	15,000
Non-S&E managers	179,000	3,500	118,000	15,500	125,000	6,000	149,000	6,000	190,000	8,000	185,000	7,000	199,000	3,500	199,000	8,500	179,000	9,000
Non-S&E postsecondary teachers	100,000	2,000	80,000	7,000	83,000	6,500	88,000	6,000	98,000	7,500	99,000	3,500	109,000	9,500	104,000	8,500	113,000	8,000
Non-S&E precollege/ other teachers	68,000	4,000	60,000	11,500	60,000	16,500	71,000	20,000	70,000	12,500	78,000	5,500	68,000	2,500	70,000	26,500	S	S
Sales, marketing occupation	120,000	5,000	102,000	8,500	119,000	7,000	130,000	8,500	149,000	8,500	146,000	18,000	112,000	23,500	131,000	25,000	76,000	12,000
Social service-related occupation	74,000	5,000	68,000	14,500	61,000	7,000	57,000	13,000	70,000	13,500	61,000	14,500	83,000	8,500	73,000	6,500	88,000	9,500
Other non-S&E occupation	125,000	6,000	86,000	12,500	121,000	14,000	126,000	10,000	148,000	29,500	141,000	30,500	115,000	27,000	127,000	11,500	100,000	19,500

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.

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 2019.

Source(s):

National Center for Science and Engineering Statistics, Survey of Doctorate Recipients: 2019.