

TABLE 67

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

(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	122,000	1,500	98,000	1,500	109,000	500	120,000	1,000	129,000	2,000	140,000	500	140,000	1,500	135,000	3,000	140,000	3,000
Science occupations	110,000	1,000	92,000	2,000	103,000	1,500	108,000	2,500	115,000	2,000	120,000	500	127,000	2,500	120,000	3,000	130,000	2,000
Biological, agricultural, and other life scientists	105,000	500	70,000	2,500	90,000	2,500	101,000	4,000	110,000	2,500	125,000	4,500	125,000	5,000	120,000	2,500	150,000	3,000
Agricultural, food scientists	116,000	5,000	85,000	5,000	100,000	5,500	102,000	11,500	119,000	8,500	128,000	4,000	138,000	7,500	127,000	13,000	130,000	11,500
Biochemists, biophysicists	100,000	2,500	74,000	5,500	89,000	8,500	113,000	12,000	132,000	7,500	142,000	9,500	164,000	19,500	117,000	32,000	170,000	13,000
Biological scientists	97,000	4,000	62,000	2,000	77,000	4,000	98,000	5,000	109,000	6,500	122,000	4,500	129,000	19,500	129,000	12,000	136,000	15,000
Forestry, conservation scientists	93,000	5,500	68,000	7,000	70,000	9,500	83,000	10,000	90,000	3,000	134,000	40,500	110,000	19,500	119,000	11,000	150,000	34,500
Medical scientists	125,000	2,000	77,000	6,000	107,000	4,500	125,000	5,500	139,000	5,000	154,000	8,000	154,000	10,000	154,000	7,500	193,000	15,000
Postsecondary teachers, agricultural, other natural sciences	100,000	3,500	79,000	5,500	87,000	8,000	83,000	4,500	93,000	7,500	90,000	4,000	110,000	3,500	110,000	9,000	118,000	9,000
Postsecondary teachers, biological sciences	90,000	2,000	61,000	3,000	75,000	3,000	85,000	3,000	90,000	4,500	95,000	5,000	99,000	2,000	100,000	7,500	135,000	9,000
Other biological, agricultural, life scientists	115,000	4,500	80,000	5,000	103,000	7,000	118,000	7,000	128,000	19,500	144,000	6,000	135,000	17,500	128,000	13,000	172,000	25,500
Computer and information scientists	150,000	500	150,000	1,500	155,000	5,000	160,000	4,500	157,000	5,000	150,000	5,000	148,000	2,500	141,000	6,500	147,000	3,000
Computer and information scientists	160,000	500	152,000	5,000	159,000	2,000	170,000	8,500	164,000	6,000	170,000	8,500	149,000	1,000	155,000	8,000	149,000	7,000
Postsecondary teachers, computer science	101,000	3,500	98,000	4,000	97,000	3,500	90,000	3,500	100,000	6,500	113,000	9,000	130,000	15,000	110,000	2,500	119,000	12,500
Mathematical scientists	120,000	1,500	109,000	5,000	130,000	5,500	115,000	6,500	116,000	8,000	125,000	7,500	116,000	6,000	109,000	11,500	121,000	7,000
Mathematical scientists	150,000	1,000	129,000	1,500	150,000	5,500	150,000	8,000	154,000	8,000	172,000	8,000	159,000	13,000	176,000	9,500	149,000	15,500
Postsecondary teachers, mathematics, statistics	90,000	500	69,000	2,500	84,000	5,000	85,000	4,000	95,000	1,500	99,000	5,000	92,000	6,500	99,000	4,000	105,000	8,000
Physical scientists	108,000	2,500	85,000	1,500	94,000	3,000	101,000	4,500	111,000	6,500	114,000	7,500	134,000	6,000	130,000	7,500	130,000	9,500
Chemists, except biochemists	124,000	4,000	97,000	4,000	111,000	5,500	123,000	9,500	125,000	5,000	142,000	9,500	150,000	3,500	150,000	11,500	145,000	12,000
Earth, atmospheric, ocean scientists	116,000	4,500	80,000	6,500	91,000	6,000	119,000	6,500	120,000	7,500	137,000	8,000	143,000	10,000	142,000	10,000	153,000	6,500
Physicists, astronomers	138,000	5,000	82,000	8,000	119,000	7,000	139,000	6,500	138,000	4,500	156,000	7,500	159,000	3,000	168,000	6,000	167,000	5,000
Postsecondary teachers, chemistry	80,000	2,000	70,000	6,000	70,000	3,500	71,000	5,000	85,000	4,000	77,000	4,000	94,000	9,000	92,000	7,500	95,000	7,000
Postsecondary teachers, physics	96,000	3,500	79,000	10,500	85,000	2,000	91,000	4,500	94,000	5,000	102,000	6,500	112,000	15,500	106,000	12,000	105,000	11,500
Postsecondary teachers, other physical science	91,000	3,000	72,000	5,000	75,000	4,500	84,000	5,000	92,000	7,000	95,000	5,000	108,000	11,500	106,000	4,500	120,000	7,500
Other physical scientists	131,000	4,000	98,000	14,000	114,000	12,500	130,000	6,000	120,000	19,000	156,000	12,000	144,000	6,000	165,000	13,500	162,000	12,500
Psychologists	101,000	1,500	88,000	3,000	96,000	3,000	101,000	4,000	101,000	3,000	104,000	2,000	107,000	4,500	110,000	2,500	118,000	5,000

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(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
Psychologists	109,000	1,000	94,000	3,500	104,000	3,000	112,000	4,000	110,000	5,000	110,000	5,500	116,000	8,000	117,000	7,500	117,000	6,500
Postsecondary teachers, psychology	88,000	1,500	69,000	5,500	78,000	4,500	78,000	4,000	89,000	3,000	98,000	3,000	90,000	3,500	98,000	3,500	119,000	7,500
Social scientists	100,000	2,000	92,000	3,000	94,000	2,500	94,000	3,000	103,000	6,000	105,000	4,500	114,000	7,500	110,000	3,500	119,000	5,000
Economists	154,000	7,500	137,000	5,500	140,000	10,500	151,000	9,500	164,000	9,500	184,000	12,000	160,000	8,500	176,000	29,500	147,000	23,500
Political scientists	129,000	16,000	91,000	11,500	122,000	46,500	120,000	6,500	123,000	17,500	S	S	167,000	38,000	D	D	D	D
Postsecondary teachers, economics	118,000	2,500	102,000	3,500	119,000	5,500	106,000	5,000	129,000	9,000	122,000	7,000	127,000	15,500	129,000	12,000	129,000	13,000
Postsecondary teachers, political science	92,000	2,500	71,000	9,500	77,000	5,500	82,000	4,000	78,000	8,500	98,000	6,000	118,000	8,000	94,000	4,500	117,000	12,000
Postsecondary teachers, sociology	83,000	3,500	74,000	2,500	69,000	5,500	80,000	3,500	91,000	6,000	82,000	4,500	96,000	6,500	87,000	8,500	115,000	18,500
Postsecondary teachers, other social sciences	87,000	1,500	72,000	2,500	80,000	2,000	80,000	4,000	84,000	4,000	92,000	3,000	95,000	7,500	99,000	3,000	100,000	10,000
Sociologists, anthropologists	98,000	3,500	88,000	4,000	80,000	9,000	93,000	7,500	116,000	4,000	105,000	17,000	108,000	16,000	103,000	22,500	95,000	39,500
Other social scientists	110,000	3,000	92,000	5,000	104,000	7,500	104,000	6,500	117,000	3,500	112,000	5,000	123,000	15,000	135,000	12,000	119,000	7,500
Engineering occupations	137,000	2,500	115,000	3,000	120,000	3,500	135,000	4,500	144,000	5,500	160,000	5,000	160,000	4,500	148,000	6,500	158,000	6,500
Aerospace, aeronautical, astronautical engineers	155,000	5,500	112,000	3,500	135,000	5,500	139,000	8,500	167,000	6,500	168,000	7,500	179,000	10,000	174,000	7,500	179,000	4,000
Chemical engineers	139,000	4,500	117,000	8,000	119,000	5,500	139,000	11,000	144,000	7,500	183,000	13,000	163,000	18,000	187,000	5,500	159,000	12,000
Civil, architectural, sanitary engineers	115,000	6,000	87,000	3,000	94,000	3,500	100,000	2,500	101,000	12,500	137,000	10,500	162,000	18,000	127,000	9,000	156,000	10,500
Electrical engineers	159,000	2,000	138,000	5,000	149,000	3,000	156,000	7,000	166,000	5,500	175,000	6,000	168,000	4,000	172,000	7,500	181,000	11,500
Industrial engineers	125,000	11,000	124,000	8,500	104,000	16,500	109,000	6,500	S	S	143,000	12,000	D	D	D	D	D	D
Mechanical engineers	132,000	5,000	109,000	5,000	113,000	8,000	138,000	12,500	144,000	9,500	168,000	8,000	173,000	17,000	144,000	13,000	147,000	4,000
Postsecondary teachers, engineering	110,000	2,000	90,000	2,000	96,000	2,000	105,000	4,000	114,000	6,500	124,000	5,500	139,000	5,000	113,000	5,500	149,000	9,000
Other engineers	135,000	3,000	120,000	4,500	123,000	4,500	138,000	4,500	142,000	8,500	165,000	5,000	160,000	6,500	150,000	7,500	140,000	7,500
S&E-related occupations	140,000	1,000	84,000	4,500	117,000	4,500	150,000	6,000	164,000	5,500	159,000	7,500	154,000	6,500	150,000	9,000	145,000	9,000
Health occupations, except postsecondary teachers and managers	140,000	4,000	69,000	1,500	108,000	12,500	166,000	11,000	171,000	15,500	195,000	6,000	161,000	26,000	159,000	16,000	144,000	7,000
Postsecondary teachers, health and related science	109,000	2,000	70,000	3,500	92,000	4,000	110,000	4,500	119,000	8,500	118,000	3,500	108,000	9,000	111,000	7,500	120,000	6,000
S&E managers, including health	175,000	4,000	114,000	6,000	148,000	9,000	169,000	4,000	185,000	10,500	190,000	10,000	186,000	8,000	183,000	9,000	198,000	17,000
S&E precollege teachers	69,000	1,500	61,000	5,500	59,000	4,000	66,000	4,500	67,000	1,000	71,000	3,000	71,000	4,500	78,000	6,000	83,000	14,000
S&E technicians/ technologists	140,000	3,000	115,000	4,000	136,000	9,000	153,000	18,000	164,000	20,000	148,000	15,500	156,000	17,000	126,000	14,500	178,000	38,000
Other S&E-related occupations	139,000	18,500	D	D	131,000	24,000	D	D	D	D	D	D	133,000	23,500	S	S	S	S

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(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
Non-S&E occupations	150,000	500	104,000	5,000	120,000	3,000	134,000	5,500	150,000	1,000	163,000	5,000	165,000	5,500	170,000	5,000	150,000	1,000
Arts, humanities-related occupations	100,000	5,000	84,000	5,000	105,000	6,500	105,000	4,500	111,000	15,500	116,000	14,500	95,000	18,000	109,000	14,000	71,000	18,000
Management-related occupations	147,000	4,000	115,000	6,500	134,000	4,500	149,000	7,500	146,000	6,500	149,000	7,000	149,000	7,500	166,000	16,500	150,000	4,500
Non-S&E managers	190,000	3,500	128,000	11,500	149,000	12,000	162,000	5,500	185,000	9,500	200,000	2,500	200,000	1,000	200,000	5,000	198,000	14,000
Non-S&E postsecondary teachers	100,000	1,500	79,000	7,500	90,000	9,000	90,000	7,000	98,000	5,500	100,000	4,500	108,000	7,000	103,000	7,500	111,000	7,500
Non-S&E precollege/ other teachers	69,000	7,000	52,000	9,000	56,000	13,000	91,000	18,500	70,000	12,000	83,000	11,000	70,000	8,000	69,000	7,000	43,000	17,500
Sales, marketing occupations	144,000	4,000	108,000	16,500	121,000	4,000	145,000	8,500	147,000	5,000	154,000	11,000	143,000	10,000	144,000	18,500	152,000	20,500
Social service-related occupations	71,000	4,500	55,000	18,500	66,000	4,000	64,000	12,500	73,000	3,500	75,000	11,000	90,000	4,500	66,000	19,500	57,000	5,500
Other non-S&E occupations	137,000	10,500	106,000	16,500	109,000	10,000	134,000	24,500	152,000	7,500	149,000	16,500	128,000	28,000	131,000	41,500	104,000	29,000

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.

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.