

TABLE 68

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

(Dollars)

Occupation	All full-time employed		≤ 5		6–10		11–15		16–20		21–25		> 25	
	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	90,000	1,500	105,000	2,000	117,000	2,000	129,000	2,500	139,000	3,000	148,000	3,500
Science occupations	106,000	1,500	83,000	1,500	97,000	1,500	105,000	1,000	114,000	2,000	120,000	2,000	131,000	2,500
Biological, agricultural, and other life scientist	100,000	500	65,000	500	90,000	1,000	100,000	3,500	115,000	4,000	125,000	4,000	140,000	2,000
Agricultural, food scientist	109,000	2,500	75,000	5,000	96,000	3,000	115,000	7,500	119,000	4,500	130,000	10,000	137,000	5,500
Biochemists, biophysicist	100,000	4,000	59,000	3,000	94,000	10,000	107,000	10,500	128,000	6,000	141,000	12,500	158,000	6,500
Biological scientist	90,000	2,000	60,000	500	80,000	4,000	100,000	4,500	103,000	3,500	121,000	7,000	123,000	7,000
Forestry, conservation scientist	98,000	5,500	61,000	3,500	86,000	6,000	99,000	5,500	113,000	8,000	130,000	32,000	136,000	12,500
Medical scientist	119,000	1,000	67,000	3,500	103,000	4,000	119,000	3,500	140,000	9,500	146,000	3,000	176,000	6,000
Postsecondary teachers, agricultural, other natural sciences	90,000	2,000	71,000	4,500	80,000	3,000	84,000	5,500	99,000	3,500	100,000	6,000	117,000	6,500
Postsecondary teachers, biological sciences	89,000	2,000	60,000	3,500	70,000	1,500	83,000	2,500	91,000	4,500	99,000	1,500	110,000	4,500
Other biological, agricultural, life scientist	109,000	2,500	76,000	4,000	102,000	6,000	123,000	4,500	138,000	6,000	150,000	4,500	145,000	6,000
Computer and information scientist	149,000	2,000	140,000	3,000	144,000	5,500	150,000	4,500	148,000	3,000	149,000	1,000	150,000	4,500
Computer and information scientist	153,000	2,500	148,000	4,000	154,000	5,500	164,000	7,500	157,000	5,000	149,000	1,000	158,000	5,000
Postsecondary teachers, computer science	101,000	3,500	85,000	3,000	94,000	3,000	99,000	3,500	103,000	5,000	124,000	7,000	127,000	5,000
Mathematical scientist	114,000	2,500	103,000	4,000	105,000	5,500	114,000	6,000	110,000	5,500	119,000	5,500	130,000	5,000
Mathematical scientist	140,000	3,500	125,000	5,000	137,000	4,500	149,000	7,500	160,000	9,000	158,000	11,000	162,000	6,500
Postsecondary teachers, mathematics, statistics	87,000	2,000	65,000	2,500	74,000	2,500	83,000	3,500	91,000	3,500	90,000	6,500	112,000	4,500
Physical scientist	102,000	2,500	75,000	2,000	92,000	2,000	100,000	3,000	115,000	5,000	119,000	6,000	133,000	4,000
Chemists, except biochemist	120,000	1,500	85,000	3,500	111,000	2,500	128,000	4,500	135,000	7,500	139,000	3,500	142,000	4,000

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(Dollars)

Occupation	All full-time employed		≤ 5		6–10		11–15		16–20		21–25		> 25	
	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE
Earth, atmospheric, ocean scientist	110,000	1,500	74,000	2,500	96,000	3,000	110,000	7,500	129,000	5,500	121,000	14,000	150,000	5,500
Physicists, astronomers	130,000	1,500	70,000	3,000	119,000	5,500	135,000	9,000	139,000	5,000	157,000	7,000	165,000	1,500
Postsecondary teachers, chemistry	80,000	2,000	61,000	2,000	67,000	3,000	75,000	5,500	80,000	2,500	84,000	3,500	99,000	5,500
Postsecondary teachers, physics	92,000	3,000	75,000	6,500	77,000	4,000	80,000	6,500	99,000	8,500	98,000	11,500	110,000	4,500
Postsecondary teachers, other physical science	90,000	1,500	71,000	3,000	76,000	2,000	85,000	7,500	95,000	7,500	100,000	6,000	115,000	8,500
Other physical scientist	125,000	4,000	81,000	7,500	106,000	8,500	119,000	3,000	125,000	12,500	137,000	5,000	161,000	8,000
Psychologist	100,000	500	85,000	2,500	88,000	3,500	100,000	1,000	103,000	4,000	102,000	4,500	117,000	4,500
Psychologist	103,000	1,500	91,000	2,000	99,000	1,500	105,000	1,500	110,000	3,000	110,000	5,500	119,000	1,500
Postsecondary teachers, psychology	85,000	1,000	67,000	2,500	76,000	2,500	85,000	4,000	89,000	2,500	92,000	7,000	106,000	5,500
Social scientist	99,000	1,500	80,000	1,500	84,000	2,000	94,000	3,000	103,000	2,000	109,000	4,000	120,000	2,000
Economist	149,000	4,000	120,000	7,500	144,000	4,000	152,000	8,000	158,000	8,000	153,000	18,500	173,000	13,000
Political scientist	134,000	10,500	93,000	12,000	131,000	14,500	133,000	9,000	142,000	41,500	D	D	140,000	10,000
Postsecondary teachers, economics	110,000	3,500	103,000	7,000	103,000	6,500	105,000	7,000	108,000	3,500	109,000	4,500	124,000	8,000
Postsecondary teachers, political science	88,000	4,500	70,000	2,500	71,000	4,000	79,000	3,500	100,000	4,500	105,000	7,500	105,000	8,500
Postsecondary teachers, sociology	83,000	2,500	64,000	3,000	70,000	2,500	80,000	5,500	86,000	3,000	99,000	11,500	118,000	12,000
Postsecondary teachers, other social sciences	84,000	2,000	70,000	1,500	74,000	1,500	88,000	4,000	94,000	3,500	100,000	6,000	105,000	5,500
Sociologist, anthropologist	89,000	6,000	70,000	2,500	71,000	8,500	110,000	12,500	116,000	10,500	96,000	27,000	91,000	8,000
Other social scientist	106,000	4,500	86,000	5,000	99,000	4,500	103,000	4,500	143,000	8,500	129,000	15,000	155,000	14,500
Engineering occupations	130,000	500	105,000	2,000	120,000	1,000	134,000	5,500	150,000	2,000	149,000	3,000	151,000	3,500
Aerospace, aeronautical, astronautical engineer	149,000	1,500	110,000	1,500	129,000	7,500	150,000	7,000	151,000	6,000	155,000	4,500	165,000	6,500
Chemical engineer	137,000	4,500	115,000	5,500	111,000	6,500	132,000	4,500	159,000	9,000	180,000	9,500	160,000	9,500

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(Dollars)

Occupation	All full-time employed		≤ 5		6–10		11–15		16–20		21–25		> 25	
	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE
Civil, architectural, sanitary engineer	109,000	5,000	84,000	3,500	106,000	6,000	107,000	11,000	129,000	4,500	133,000	15,000	156,000	12,000
Electrical engineer	149,000	1,000	125,000	4,000	140,000	2,000	165,000	7,500	173,000	5,500	174,000	9,500	161,000	5,000
Industrial engineers	119,000	3,500	112,000	9,500	114,000	14,500	133,000	30,500	121,000	25,000	S	S	119,000	19,000
Mechanical engineer	129,000	3,500	100,000	2,500	120,000	4,500	130,000	6,500	150,000	16,000	150,000	17,500	150,000	5,500
Postsecondary teacher, engineering	108,000	2,500	81,000	2,000	95,000	1,500	105,000	4,000	119,000	8,500	114,000	6,500	139,000	8,000
Other engineer	130,000	500	100,000	3,000	125,000	2,500	130,000	7,000	148,000	5,000	153,000	6,500	151,000	4,500
S&E-related occupations	130,000	500	81,000	3,000	104,000	3,000	135,000	5,500	143,000	5,500	160,000	7,500	180,000	7,000
Health occupations, except postsecondary teachers and managers	139,000	3,500	74,000	2,000	99,000	4,000	152,000	12,000	174,000	16,000	199,000	8,000	217,000	13,500
Postsecondary teacher, health and related science	105,000	2,500	80,000	3,500	90,000	3,000	109,000	3,000	110,000	7,000	116,000	5,000	154,000	8,500
S&E managers, including health	164,000	4,000	119,000	5,500	130,000	2,000	150,000	1,500	170,000	6,500	178,000	3,500	200,000	500
S&E precollege teachers	63,000	2,500	54,000	4,500	60,000	6,000	66,000	8,000	67,000	8,500	69,000	5,500	68,000	7,500
S&E technicians/technologists	129,000	3,500	100,000	9,000	131,000	7,500	131,000	13,500	133,000	8,500	137,000	14,500	168,000	25,000
Other S&E-related occupation	132,000	8,500	S	S	126,000	30,000	D	D	S	S	113,000	25,500	155,000	6,000
Non-S&E occupations	138,000	3,500	91,000	2,000	110,000	4,500	126,000	3,500	150,000	2,000	167,000	5,000	170,000	4,000
Arts, humanities-related occupation	93,000	3,500	85,000	7,000	100,000	5,500	100,000	13,000	98,000	5,500	99,000	12,500	91,000	17,500
Management-related occupation	140,000	5,500	109,000	6,000	125,000	7,000	130,000	8,000	152,000	3,500	167,000	9,500	156,000	8,000
Non-S&E managers	179,000	3,500	111,000	11,500	130,000	4,500	143,000	6,000	180,000	7,000	200,000	2,500	200,000	7,000
Non-S&E postsecondary teachers	100,000	2,000	78,000	3,500	82,000	2,500	90,000	2,000	103,000	6,000	112,000	9,000	144,000	12,000
Non-S&E precollege/other teachers	68,000	4,000	72,000	6,000	66,000	9,500	72,000	5,000	86,000	15,000	50,000	24,000	50,000	15,000

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Occupation	All full-time employed		≤ 5		6–10		11–15		16–20		21–25		> 25	
	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE
Sales, marketing occupation	120,000	5,000	95,000	6,000	116,000	13,500	127,000	7,000	156,000	11,500	146,000	8,500	99,000	11,000
Social service-related occupation	74,000	5,000	62,000	4,500	59,000	10,500	70,000	5,000	77,000	12,500	62,000	15,500	92,000	5,500
Other non-S&E occupation	125,000	6,000	79,000	7,000	98,000	14,500	138,000	8,500	163,000	43,000	125,000	20,000	145,000	13,500

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.