

TABLE 66

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

(Dollars)

Occupation	All full-time employed		U.S. citizen						Non-U.S. citizen					
			Total		Native born		Naturalized		Total		Permanent resident		Temporary resident	
	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	120,000	500	113,000	1,500	135,000	500	110,000	2,500	115,000	1,500	92,000	2,500
Science occupations	106,000	1,500	108,000	1,000	103,000	1,500	122,000	3,500	100,000	500	110,000	3,500	86,000	3,500
Biological, agricultural, and other life scientist	100,000	500	105,000	1,500	102,000	2,000	119,000	500	76,000	2,500	88,000	3,000	60,000	500
Agricultural, food scientist	109,000	2,500	118,000	3,500	115,000	4,000	119,000	2,500	86,000	8,000	90,000	7,000	73,000	13,500
Biochemists, biophysicist	100,000	4,000	114,000	5,000	106,000	5,500	130,000	5,500	69,000	7,500	84,000	7,500	58,000	2,000
Biological scientist	90,000	2,000	95,000	2,500	93,000	3,000	102,000	7,500	64,000	4,000	75,000	8,500	53,000	1,500
Forestry, conservation scientist	98,000	5,500	99,000	2,500	99,000	2,500	93,000	9,000	58,000	4,000	S	S	S	S
Medical scientist	119,000	1,000	125,000	2,000	124,000	4,500	129,000	5,500	76,000	6,000	90,000	4,500	58,000	6,000
Postsecondary teachers, agricultural, other natural sciences	90,000	2,000	92,000	2,500	90,000	2,000	101,000	6,500	80,000	1,500	78,000	2,500	79,000	6,500
Postsecondary teachers, biological sciences	89,000	2,000	90,000	1,500	86,000	2,000	105,000	5,500	84,000	5,000	85,000	6,000	66,000	11,000
Other biological, agricultural, life scientist	109,000	2,500	115,000	3,500	111,000	3,500	125,000	4,000	85,000	6,500	101,000	10,500	70,000	8,000
Computer and information scientist	149,000	2,000	145,000	2,500	140,000	3,000	149,000	1,000	150,000	3,000	158,000	7,500	140,000	4,000
Computer and information scientist	153,000	2,500	150,000	1,500	149,000	1,000	155,000	5,000	159,000	1,500	162,000	8,500	148,000	5,500
Postsecondary teachers, computer science	101,000	3,500	105,000	2,500	103,000	4,500	107,000	4,500	91,000	4,000	96,000	5,500	81,000	4,000
Mathematical scientist	114,000	2,500	111,000	3,000	103,000	2,500	130,000	2,500	118,000	3,500	120,000	3,000	104,000	12,000
Mathematical scientist	140,000	3,500	145,000	3,500	134,000	4,500	159,000	3,500	139,000	4,000	139,000	3,500	130,000	8,500
Postsecondary teachers, mathematics, statistics	87,000	2,000	89,000	1,500	87,000	2,000	98,000	3,000	80,000	3,500	80,000	3,000	75,000	5,500
Physical scientist	102,000	2,500	108,000	2,000	105,000	1,500	118,000	4,000	82,000	3,000	90,000	1,500	66,000	3,000
Chemists, except biochemist	120,000	1,500	125,000	2,500	125,000	2,000	125,000	7,500	93,000	5,000	109,000	6,500	66,000	9,500

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			Total		Native born		Naturalized		Total		Permanent resident		Temporary resident	
	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	115,000	5,500	113,000	6,500	119,000	5,500	84,000	6,000	99,000	5,500	68,000	4,000
Physicists, astronomers	130,000	1,500	140,000	4,000	140,000	4,000	137,000	8,500	75,000	14,500	100,000	13,000	59,000	7,000
Postsecondary teachers, chemistry	80,000	2,000	80,000	1,000	80,000	1,500	85,000	5,000	70,000	4,000	72,000	4,500	58,000	8,000
Postsecondary teachers, physics	92,000	3,000	94,000	3,500	90,000	3,000	107,000	11,000	81,000	9,000	81,000	8,000	76,000	5,500
Postsecondary teachers, other physical science	90,000	1,500	92,000	4,500	90,000	4,500	99,000	9,000	80,000	5,500	83,000	4,000	73,000	13,000
Other physical scientist	125,000	4,000	126,000	6,000	124,000	5,500	149,000	15,000	100,000	12,000	102,000	15,000	D	D
Psychologist	100,000	500	100,000	500	100,000	500	99,000	4,500	90,000	3,500	95,000	2,000	73,000	5,000
Psychologist	103,000	1,500	104,000	1,500	104,000	1,500	105,000	7,500	94,000	6,000	95,000	3,000	73,000	7,000
Postsecondary teachers, psychology	85,000	1,000	85,000	1,000	85,000	1,500	79,000	7,500	89,000	3,000	91,000	6,500	D	D
Social scientist	99,000	1,500	99,000	2,000	98,000	1,500	104,000	3,000	100,000	1,500	100,000	3,500	104,000	20,500
Economist	149,000	4,000	149,000	4,000	148,000	7,000	152,000	5,000	147,000	13,500	143,000	14,000	155,000	30,000
Political scientist	134,000	10,500	135,000	8,500	135,000	9,500	103,000	23,500	D	D	D	D	D	D
Postsecondary teachers, economics	110,000	3,500	114,000	4,500	115,000	4,000	107,000	4,500	100,000	2,000	100,000	3,500	97,000	10,500
Postsecondary teachers, political science	88,000	4,500	90,000	3,500	90,000	4,000	96,000	12,000	76,000	3,500	77,000	3,500	D	D
Postsecondary teachers, sociology	83,000	2,500	85,000	2,500	83,000	2,500	86,000	3,500	71,000	5,500	76,000	7,000	S	S
Postsecondary teachers, other social sciences	84,000	2,000	85,000	2,000	84,000	2,000	92,000	4,000	79,000	2,000	80,000	2,500	74,000	7,500
Sociologist, anthropologist	89,000	6,000	89,000	6,500	88,000	6,000	82,000	26,000	D	D	D	D	D	D
Other social scientist	106,000	4,500	106,000	4,500	105,000	4,500	115,000	12,000	115,000	19,500	98,000	23,000	S	S
Engineering occupations	130,000	500	136,000	2,000	134,000	3,500	140,000	1,000	118,000	3,000	120,000	1,000	100,000	1,500
Aerospace, aeronautical, astronautical engineer	149,000	1,500	151,000	4,000	152,000	3,500	149,000	10,500	114,000	8,000	124,000	6,500	103,000	2,000
Chemical engineer	137,000	4,500	144,000	4,000	143,000	5,500	148,000	7,000	118,000	5,500	117,000	4,000	110,000	8,000

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			Total		Native born		Naturalized		Total		Permanent resident		Temporary resident	
	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	121,000	4,500	119,000	10,000	128,000	7,000	88,000	4,000	96,000	7,500	82,000	3,500
Electrical engineer	149,000	1,000	158,000	6,000	150,000	3,500	159,000	2,500	140,000	3,000	149,000	7,500	121,000	5,000
Industrial engineers	119,000	3,500	119,000	7,000	120,000	11,000	116,000	9,000	112,000	20,000	112,000	17,500	D	D
Mechanical engineer	129,000	3,500	132,000	4,000	128,000	4,000	134,000	4,000	115,000	4,500	119,000	2,000	98,000	5,500
Postsecondary teacher, engineering	108,000	2,500	113,000	3,000	110,000	2,000	119,000	3,500	91,000	4,000	97,000	2,500	79,000	3,500
Other engineer	130,000	500	138,000	3,500	134,000	4,000	149,000	6,500	115,000	4,500	119,000	2,000	96,000	5,000
S&E-related occupations	130,000	500	132,000	3,000	125,000	3,000	150,000	5,000	109,000	4,000	120,000	6,000	90,000	13,500
Health occupations, except postsecondary teachers and managers	139,000	3,500	145,000	5,500	139,000	3,500	174,000	19,000	103,000	5,500	105,000	13,000	76,000	18,000
Postsecondary teacher, health and related science	105,000	2,500	106,000	2,500	104,000	2,500	117,000	6,500	94,000	5,000	95,000	4,500	83,000	11,000
S&E managers, including health	164,000	4,000	165,000	4,000	160,000	5,000	179,000	7,000	138,000	10,000	138,000	9,500	127,000	20,500
S&E precollege teachers	63,000	2,500	64,000	3,500	65,000	4,500	59,000	8,000	34,000	5,500	D	D	D	D
S&E technicians/technologists	129,000	3,500	133,000	5,000	129,000	5,500	133,000	6,000	110,000	13,500	134,000	3,500	95,000	37,500
Other S&E-related occupation	132,000	8,500	141,000	8,500	153,000	21,500	138,000	9,000	121,000	12,000	122,000	12,000	D	D
Non-S&E occupations	138,000	3,500	139,000	3,500	130,000	2,000	154,000	5,000	130,000	7,500	139,000	10,000	118,000	7,000
Arts, humanities-related occupation	93,000	3,500	95,000	3,000	94,000	3,000	114,000	10,000	82,000	6,500	86,000	7,000	75,000	24,500
Management-related occupation	140,000	5,500	139,000	3,500	130,000	2,000	150,000	2,500	155,000	9,000	181,000	23,500	137,000	15,500
Non-S&E managers	179,000	3,500	180,000	2,000	175,000	5,000	198,000	2,000	150,000	17,500	150,000	20,500	143,000	25,000
Non-S&E postsecondary teachers	100,000	2,000	100,000	2,000	99,000	2,500	107,000	6,500	95,000	5,500	99,000	6,500	79,000	12,000
Non-S&E precollege/other teachers	68,000	4,000	69,000	3,500	68,000	7,500	74,000	9,500	S	S	S	S	D	D

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	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	120,000	6,500	119,000	6,500	143,000	14,500	106,000	20,000	113,000	21,500	D	D
Social service-related occupation	74,000	5,000	75,000	4,500	74,000	5,000	76,000	19,000	D	D	D	D	D	D
Other non-S&E occupation	125,000	6,000	125,000	5,500	117,000	9,000	135,000	17,500	125,000	24,000	124,000	24,500	S	S

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.