

TABLE 71

**Median annual salaries of U.S. residing full-time employed doctoral scientists and engineers, by sector of employment, broad occupation, and sex: 2019**

(Dollars)

Employment sector and occupation	All full-time employed		Male		Female	
	Median salary	SE	Median salary	SE	Median salary	SE
All sectors	119,000	1,000	127,000	1,500	100,000	500
Science occupations	106,000	1,500	116,000	1,500	96,000	1,000
Biological, agricultural, and other life scientist	100,000	500	108,000	2,500	93,000	2,000
Computer and information scientist	149,000	2,000	149,000	500	130,000	5,500
Mathematical scientist	114,000	2,500	115,000	2,500	104,000	4,500
Physical scientist	102,000	2,500	108,000	2,000	92,000	2,500
Psychologist	100,000	500	105,000	3,500	95,000	2,500
Social scientist	99,000	1,500	105,000	1,000	90,000	1,500
Engineering occupations	130,000	500	132,000	3,000	119,000	1,000
S&E-related occupations	130,000	500	154,000	5,000	105,000	1,000
Non-S&E occupations	138,000	3,500	156,000	4,500	114,000	3,000
4-year educational institution <sup>a</sup>	95,000	500	100,000	500	86,000	1,500
Science occupations	89,000	1,000	93,000	1,500	80,000	1,000
Biological, agricultural, and other life scientist	82,000	1,500	90,000	500	73,000	2,000
Computer and information scientist	104,000	2,500	107,000	3,000	97,000	3,500
Mathematical scientist	89,000	1,000	90,000	2,500	81,000	3,000
Physical scientist	85,000	1,500	88,000	3,500	79,000	2,000
Psychologist	88,000	1,500	93,000	2,500	85,000	1,500
Social scientist	93,000	1,500	100,000	1,500	85,000	1,000
Engineering occupations	108,000	2,000	108,000	1,500	100,000	2,000
S&E-related occupations	106,000	2,500	125,000	6,500	94,000	2,500
Non-S&E occupations	120,000	2,500	140,000	5,500	100,000	3,500
Other educational institution <sup>b</sup>	76,000	1,500	76,000	2,000	76,000	2,000
Science occupations	76,000	2,000	77,000	2,000	76,000	2,500
Biological, agricultural, and other life scientist	73,000	2,500	75,000	3,500	71,000	2,500
Computer and information scientist	78,000	9,500	74,000	10,500	79,000	7,000
Mathematical scientist	79,000	4,000	77,000	16,500	81,000	3,000
Physical scientist	70,000	3,000	73,000	5,000	70,000	2,500
Psychologist	84,000	5,000	83,000	7,000	84,000	5,000
Social scientist	76,000	2,500	76,000	3,000	75,000	3,000
Engineering occupations	73,000	11,500	75,000	25,500	D	D
S&E-related occupations	65,000	3,500	66,000	5,500	65,000	4,000
Non-S&E occupations	94,000	4,000	112,000	6,000	87,000	4,000
Private, for profit <sup>c</sup>	150,000	500	150,000	2,000	130,000	1,000
Science occupations	140,000	2,000	150,000	500	126,000	2,500
Biological, agricultural, and other life scientist	127,000	2,500	130,000	3,500	120,000	1,500
Computer and information scientist	160,000	2,000	165,000	4,000	149,000	1,500
Mathematical scientist	150,000	4,500	159,000	1,500	139,000	3,500
Physical scientist	133,000	2,000	135,000	2,500	120,000	3,500
Psychologist	117,000	4,500	120,000	4,000	108,000	5,000
Social scientist	154,000	6,500	159,000	15,000	143,000	14,500
Engineering occupations	140,000	2,000	144,000	1,500	125,000	2,500
S&E-related occupations	169,000	4,000	180,000	3,500	138,000	5,500
Non-S&E occupations	164,000	4,500	180,000	4,000	134,000	3,500
Private, nonprofit	119,000	500	130,000	3,500	105,000	3,500
Science occupations	110,000	2,500	120,000	4,000	103,000	1,500
Biological, agricultural, and other life scientist	100,000	2,500	108,000	6,500	89,000	8,500
Computer and information scientist	137,000	13,000	144,000	10,500	118,000	8,500

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(Dollars)

Employment sector and occupation	All full-time employed		Male		Female	
	Median salary	SE	Median salary	SE	Median salary	SE
Mathematical scientist	130,000	3,000	130,000	3,000	128,000	12,000
Physical scientist	128,000	4,500	133,000	7,000	108,000	9,500
Psychologist	104,000	2,000	105,000	4,000	103,000	1,500
Social scientist	120,000	9,000	132,000	8,500	114,000	7,500
Engineering occupations	137,000	7,000	142,000	7,500	128,000	6,500
S&E-related occupations	149,000	8,000	200,000	9,000	123,000	10,000
Non-S&E occupations	112,000	7,000	128,000	17,000	104,000	6,000
Federal government	126,000	1,500	130,000	1,500	118,000	2,500
Science occupations	121,000	2,500	129,000	3,000	112,000	2,500
Biological, agricultural, and other life scientist	120,000	1,500	125,000	3,000	108,000	4,000
Computer and information scientist	134,000	5,500	139,000	7,000	117,000	14,000
Mathematical scientist	136,000	6,500	140,000	7,500	129,000	7,500
Physical scientist	130,000	1,500	131,000	4,500	119,000	3,500
Psychologist	110,000	2,500	115,000	3,500	106,000	3,000
Social scientist	139,000	5,000	145,000	6,000	132,000	5,500
Engineering occupations	130,000	2,000	131,000	5,000	124,000	6,500
S&E-related occupations	145,000	7,000	148,000	7,000	135,000	7,500
Non-S&E occupations	139,000	3,500	138,000	5,000	139,000	6,500
State or local government	98,000	2,500	100,000	2,000	95,000	2,500
Science occupations	90,000	2,500	91,000	4,000	90,000	3,000
Biological, agricultural, and other life scientist	75,000	3,500	77,000	3,500	75,000	3,000
Computer and information scientist	97,000	13,000	105,000	15,500	83,000	14,500
Mathematical scientist	97,000	23,000	97,000	22,000	92,000	16,500
Physical scientist	100,000	6,000	100,000	7,000	100,000	13,500
Psychologist	95,000	5,000	92,000	4,500	99,000	6,500
Social scientist	91,000	2,000	92,000	9,000	89,000	3,500
Engineering occupations	102,000	7,000	107,000	7,000	96,000	8,000
S&E-related occupations	121,000	9,500	120,000	11,000	121,000	14,000
Non-S&E occupations	100,000	9,000	114,000	9,000	95,000	7,000
Self-employed <sup>d</sup>	100,000	500	108,000	12,500	99,000	2,000
Science occupations	101,000	9,000	118,000	7,000	99,000	1,000
Biological, agricultural, and other life scientist	78,000	6,500	75,000	9,000	79,000	12,500
Computer and information scientist	90,000	21,500	90,000	22,000	D	D
Mathematical scientist	181,000	37,000	D	D	D	D
Physical scientist	133,000	23,000	138,000	13,500	D	D
Psychologist	108,000	7,000	133,000	15,500	100,000	1,500
Social scientist	90,000	12,000	99,000	16,000	75,000	9,000
Engineering occupations	99,000	12,000	98,000	12,000	134,000	13,000
S&E-related occupations	172,000	29,000	250,000	65,000	80,000	16,000
Non-S&E occupations	80,000	7,500	84,000	6,500	64,000	17,000
Other sector <sup>e</sup>	132,000	5,500	140,000	10,500	110,000	10,500
Science occupations	130,000	3,000	137,000	9,000	118,000	13,000
Biological, agricultural, and other life scientist	105,000	20,500	90,000	12,000	123,000	20,000
Computer and information scientist	139,000	15,000	140,000	16,500	129,000	46,000
Mathematical scientist	147,000	20,500	D	D	D	D
Physical scientist	121,000	7,000	123,000	6,000	94,000	9,500
Psychologist	111,000	15,000	D	D	D	D
Social scientist	159,000	24,000	197,000	29,500	116,000	25,500

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(Dollars)

Employment sector and occupation	All full-time employed		Male		Female	
	Median salary	SE	Median salary	SE	Median salary	SE
Engineering occupations	139,000	6,000	145,000	9,500	102,000	9,000
S&E-related occupations	116,000	13,500	168,000	19,000	107,000	8,000
Non-S&E occupations	139,000	8,500	139,000	18,500	129,000	14,000

D = suppressed to avoid disclosure of confidential information.

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

<sup>a</sup> Includes 4-year colleges or universities, medical schools (including university-affiliated hospitals or medical centers), and university-affiliated research institutes.

<sup>b</sup> Includes 2-year colleges, community colleges, technical institutes, and other precollege institutions.

<sup>c</sup> Includes those self-employed in an incorporated business.

<sup>d</sup> Self-employed or business owner in a nonincorporated business.

<sup>e</sup> Includes employers not broken out separately.

**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.