TABLE 55

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

(Dollars)

Employment sector and field of study	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	110,000	500	120,000	500	99,000	1,500
Biological, agricultural, and environmental life sciences	110,000	1,500	120,000	1,000	99,000	2,000
Computer and information sciences	150,000	3,000	158,000	4,500	125,000	6,000
Mathematics and statistics	114,000	3,500	117,000	3,500	101,000	4,000
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	120,000	500	125,000	1,500	103,000	2,500
Psychology	101,000	1,500	115,000	3,000	98,000	1,000
Social sciences	101,000	2,000	110,000	1,500	92,000	2,500
Engineering	137,000	2,000	140,000	500	120,000	2,000
Health	110,000	1,500	125,000	4,000	103,000	2,500
4-year educational institution[a]	95,000	500	100,000	500	86,000	1,500
Science	92,000	1,000	100,000	1,000	84,000	1,500
Biological, agricultural, and environmental life sciences	90,000	500	100,000	1,500	80,000	500
Computer and information sciences	109,000	3,500	110,000	2,000	100,000	2,000
Mathematics and statistics	90,000	1,000	92,000	2,500	80,000	1,000
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	90,000	500	93,000	2,500	80,000	1,000
Psychology	92,000	2,000	100,000	1,500	88,000	1,500
Social sciences	95,000	500	100,000	2,000	86,000	2,000
Engineering	108,000	2,000	109,000	1,500	97,000	3,000
Health	97,000	3,000	100,000	6,000	94,000	3,000
Other educational institution[b]	76,000	1,500	76,000	2,000	76,000	2,000
Science	77,000	1,500	77,000	3,000	76,000	2,000
Biological, agricultural, and environmental life sciences	73,000	3,000	75,000	5,000	69,000	2,000
Computer and information sciences	72,000	7,500	68,000	9,000	93,000	25,500
Mathematics and statistics	76,000	4,500	73,000	7,000	78,000	5,000
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	70,000	2,500	72,000	2,500	70,000	2,000
Psychology	88,000	3,000	97,000	8,500	86,000	3,000
Social sciences	77,000	2,000	80,000	8,500	75,000	2,500
Engineering	63,000	8,000	59,000	4,500	72,000	7,500
Health	80,000	8,000	59,000	25,000	83,000	8,000
Private, for profit[c]	150,000	500	150,000	2,000	130,000	1,000
Science	145,000	1,000	150,000	2,000	128,000	3,000
Biological, agricultural, and environmental life sciences	137,000	3,000	150,000	3,000	128,000	3,000
Computer and information sciences	180,000	2,000	181,000	4,000	160,000	8,000
Mathematics and statistics	159,000	3,000	160,000	5,000	144,000	7,500
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	143,000	3,500	148,000	4,000	125,000	4,000
Psychology	120,000	5,000	139,000	4,500	110,000	5,500
Social sciences	150,000	5,500	170,000	8,000	128,000	2,500
Engineering	150,000	500	151,000	2,500	134,000	3,000
Health	148,000	5,500	156,000	10,500	126,000	6,500
Private, nonprofit	119,000	500	130,000	3,500	105,000	3,500
Science	115,000	2,500	128,000	4,000	104,000	2,000
Biological, agricultural, and environmental life sciences	111,000	4,500	123,000	7,500	100,000	5,500
Computer and information sciences	137,000	13,500	137,000	17,500	123,000	15,500

TABLE 55

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

(Dollars)

Employment sector and field of study	All full-time employed		Male		Female	
	Median salary	SE	Median salary	SE	Median salary	SE
Mathematics and statistics	149,000	5,500	148,000	6,000	160,000	20,500
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	127,000	5,500	134,000	8,000	107,000	7,500
Psychology	105,000	1,500	115,000	6,500	103,000	1,500
Social sciences	119,000	6,000	131,000	10,000	109,000	6,500
Engineering	134,000	5,500	138,000	5,500	120,000	3,000
Health	135,000	9,500	165,000	6,500	124,000	13,000
Federal government	126,000	1,500	130,000	1,500	118,000	2,500
Science	125,000	500	130,000	1,500	116,000	2,000
Biological, agricultural, and environmental life sciences	120,000	2,500	125,000	1,500	111,000	4,000
Computer and information sciences	135,000	7,000	139,000	9,500	120,000	25,000
Mathematics and statistics	142,000	8,000	139,000	4,500	150,000	13,500
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	134,000	4,500	139,000	4,500	123,000	4,500
Psychology	114,000	2,000	119,000	4,000	109,000	2,000
Social sciences	143,000	5,500	149,000	6,000	138,000	5,000
Engineering	130,000	2,500	134,000	4,500	124,000	4,000
Health	124,000	4,500	123,000	5,000	123,000	7,500
State or local government	98,000	2,500	100,000	2,000	95,000	2,500
Science	94,000	2,500	94,000	3,500	93,000	2,500
Biological, agricultural, and environmental life sciences	85,000	4,500	84,000	5,000	89,000	8,500
Computer and information sciences	108,000	15,500	114,000	15,000	80,000	15,000
Mathematics and statistics	S	S	S	S	D	D
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	99,000	6,000	101,000	8,500	93,000	10,000
Psychology	98,000	3,000	96,000	5,500	98,000	3,000
Social sciences	90,000	5,000	91,000	7,500	82,000	5,500
Engineering	114,000	7,500	119,000	7,000	105,000	12,500
Health	123,000	24,000	100,000	29,000	136,000	19,500
Self-employed[d]	100,000	500	108,000	12,500	99,000	2,000
Science	100,000	1,500	116,000	8,500	99,000	2,000
Biological, agricultural, and environmental life sciences	96,000	9,500	120,000	40,500	68,000	10,500
Computer and information sciences	88,000	21,500	89,000	20,500	D	D
Mathematics and statistics	167,000	81,000	S	S	D	D
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	82,000	16,000	74,000	19,000	84,000	17,500
Psychology	107,000	6,000	125,000	15,000	100,000	1,500
Social sciences	98,000	6,500	101,000	14,000	75,000	7,500
Engineering	98,000	9,000	91,000	7,500	127,000	22,500
Health	80,000	29,500	121,000	53,500	68,000	20,000
Other sector[e]	132,000	5,500	140,000	10,500	110,000	10,500
Science	128,000	4,000	146,000	11,000	108,000	10,000
Biological, agricultural, and environmental life sciences	109,000	9,500	120,000	19,000	107,000	12,000
Computer and information sciences	157,000	22,500	177,000	23,000	D	D
Mathematics and statistics	157,000	18,500	D	D	D	D
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	124,000	8,000	127,000	6,500	101,000	16,000
Psychology	116,000	10,000	143,000	22,000	91,000	18,500

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

(Dollars)

Employment sector and field of study	All full-time employed		Male		Female	
	Median salary	SE	Median salary	SE	Median salary	SE
Social sciences	156,000	25,000	196,000	24,500	121,000	19,000
Engineering	139,000	4,500	139,000	8,000	119,000	23,500
Health	135,000	15,000	139,000	9,500	123,000	17,000

D = suppressed to avoid disclosure of confidential information. S = suppressed for reliability; coefficient of variation exceeds publication standards.

SE = standard error.

[a] Includes 4-year colleges or universities, medical schools (including university-affiliated hospitals or medical centers), and university-affiliated research institutes.

[b] Includes 2-year colleges, community colleges, or technical institutes, and other precollege institutions.

[c] Includes those self-employed in an incorporated business.

[d] Self-employed or business owner in a nonincorporated business.

[e] 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.