

TABLE 55

Median annual salary of U.S. residing full-time employed doctoral scientists and engineers, by sector of employment, broad field of doctorate, and sex: 2023

(Dollars and SE)

Employment sector and field of study	All full-time employed		Male		Female	
	Median salary	SE	Median salary	SE	Median salary	SE
All sectors	137,000	1,500	150,000	1,000	120,000	500
Science	130,000	500	140,000	500	117,000	1,500
Biological, agricultural, and environmental life sciences	129,000	2,000	135,000	3,000	120,000	500
Computer and information sciences	185,000	5,000	194,000	6,500	150,000	7,500
Mathematics and statistics	130,000	3,500	133,000	5,500	114,000	6,000
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	140,000	500	147,000	3,000	120,000	3,000
Psychology	117,000	2,500	125,000	2,500	110,000	2,000
Social sciences	116,000	2,000	123,000	3,500	107,000	2,500
Engineering	160,000	500	164,000	2,500	145,000	2,000
Health	125,000	2,500	136,000	5,000	120,000	1,500
4-year educational institution ^a	105,000	1,000	110,000	500	99,000	1,500
Science	100,000	1,500	109,000	2,000	95,000	1,500
Biological, agricultural, and environmental life sciences	100,000	1,000	110,000	1,000	93,000	2,000
Computer and information sciences	119,000	2,500	121,000	3,000	107,000	6,000
Mathematics and statistics	99,000	1,000	100,000	2,000	90,000	2,000
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	100,000	1,500	102,000	3,500	90,000	1,500
Psychology	100,000	1,500	105,000	3,000	100,000	1,000
Social sciences	102,000	2,000	110,000	1,500	98,000	2,000
Engineering	120,000	500	120,000	500	114,000	5,500
Health	107,000	2,500	109,000	5,000	105,000	2,500
Other educational institution ^b	87,000	2,000	88,000	2,000	85,000	1,500
Science	87,000	2,500	90,000	4,500	85,000	1,500
Biological, agricultural, and environmental life sciences	80,000	3,500	88,000	10,000	77,000	4,000
Computer and information sciences	79,000	9,000	79,000	11,500	93,000	26,500
Mathematics and statistics	85,000	4,500	85,000	8,000	86,000	11,000
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	79,000	2,000	80,000	3,500	74,000	2,500
Psychology	99,000	2,500	103,000	8,000	97,000	3,500
Social sciences	90,000	6,500	99,000	4,000	85,000	3,500
Engineering	75,000	14,000	77,000	14,000	71,000	18,000
Health	85,000	15,500	75,000	8,000	98,000	18,000
Private, for profit ^c	175,000	500	180,000	500	159,000	2,500
Science	170,000	1,500	179,000	1,000	157,000	3,500
Biological, agricultural, and environmental life sciences	168,000	4,000	170,000	2,500	160,000	4,500
Computer and information sciences	212,000	4,000	219,000	4,500	200,000	1,500
Mathematics and statistics	189,000	7,000	198,000	7,000	170,000	9,500

TABLE 55

Median annual salary of U.S. residing full-time employed doctoral scientists and engineers, by sector of employment, broad field of doctorate, and sex: 2023

(Dollars and SE)

Employment sector and field of study	All full-time employed		Male		Female	
	Median salary	SE	Median salary	SE	Median salary	SE
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	165,000	2,000	170,000	1,500	150,000	500
Psychology	140,000	4,500	149,000	4,500	130,000	4,000
Social sciences	175,000	5,000	199,000	9,500	155,000	7,500
Engineering	180,000	2,000	180,000	500	160,000	2,500
Health	172,000	5,500	180,000	10,500	165,000	6,000
Private, nonprofit	140,000	2,000	155,000	4,000	120,000	3,000
Science	135,000	5,000	150,000	1,500	120,000	1,000
Biological, agricultural, and environmental life sciences	129,000	6,000	149,000	6,000	113,000	5,500
Computer and information sciences	159,000	5,500	160,000	13,500	157,000	18,500
Mathematics and statistics	150,000	15,500	150,000	22,000	144,000	22,000
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	155,000	3,500	159,000	3,000	129,000	11,500
Psychology	122,000	4,500	130,000	3,500	116,000	4,000
Social sciences	149,000	6,500	150,000	5,500	144,000	8,500
Engineering	160,000	3,500	164,000	4,500	133,000	13,000
Health	147,000	7,500	164,000	24,500	131,000	12,500
Federal government	145,000	1,000	150,000	500	140,000	500
Science	144,000	2,000	149,000	1,500	139,000	3,500
Biological, agricultural, and environmental life sciences	139,000	1,500	141,000	3,000	135,000	3,000
Computer and information sciences	175,000	11,000	174,000	13,000	183,000	18,000
Mathematics and statistics	155,000	8,500	156,000	8,000	149,000	15,000
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	149,000	2,000	150,000	4,000	139,000	4,500
Psychology	137,000	5,000	140,000	7,000	134,000	5,500
Social sciences	155,000	6,000	158,000	4,000	149,000	3,500
Engineering	150,000	1,000	150,000	1,500	141,000	6,000
Health	150,000	6,500	149,000	14,500	150,000	8,500
State or local government	110,000	1,500	118,000	5,000	104,000	3,500
Science	107,000	2,500	110,000	5,000	102,000	4,000
Biological, agricultural, and environmental life sciences	99,000	2,000	106,000	5,500	96,000	3,500
Computer and information sciences	130,000	41,500	D	D	D	D
Mathematics and statistics	109,000	22,000	109,000	21,000	S	S
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	114,000	9,500	119,000	14,000	107,000	8,000
Psychology	119,000	6,500	112,000	8,500	120,000	6,500
Social sciences	104,000	5,500	111,000	8,000	90,000	6,500
Engineering	129,000	9,000	131,000	10,500	119,000	9,500
Health	105,000	12,500	115,000	26,500	100,000	12,000

TABLE 55

Median annual salary of U.S. residing full-time employed doctoral scientists and engineers, by sector of employment, broad field of doctorate, and sex: 2023

(Dollars and SE)

Employment sector and field of study	All full-time employed		Male		Female	
	Median salary	SE	Median salary	SE	Median salary	SE
Self-employed ^d	119,000	2,500	133,000	18,000	102,000	11,000
Science	119,000	6,500	128,000	18,500	100,000	9,000
Biological, agricultural, and environmental life sciences	116,000	9,000	117,000	16,000	107,000	17,500
Computer and information sciences	195,000	26,500	198,000	28,500	D	D
Mathematics and statistics	S	S	S	S	D	D
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	99,000	16,500	84,000	34,000	99,000	20,500
Psychology	118,000	8,000	149,000	3,000	101,000	11,500
Social sciences	98,000	7,500	102,000	8,500	86,000	31,000
Engineering	131,000	22,500	144,000	17,000	112,000	13,500
Health	133,000	22,000	121,000	41,500	133,000	35,000
Other sector ^e	147,000	22,000	179,000	36,500	129,000	19,000
Science	148,000	28,000	194,000	35,000	128,000	10,000
Biological, agricultural, and environmental life sciences	90,000	30,000	88,000	30,000	121,000	53,000
Computer and information sciences	D	D	D	D	D	D
Mathematics and statistics	D	D	D	D	D	D
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	S	S	D	D	D	D
Psychology	S	S	D	D	S	S
Social sciences	186,000	25,000	220,000	33,000	144,000	31,500
Engineering	D	D	D	D	D	D
Health	S	S	D	D	D	D

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

SE = standard error.

^a Four-year educational institution includes 4-year colleges or universities, medical schools (including university-affiliated hospitals or medical centers), and university-affiliated research institutes.^b Other educational institution includes 2-year colleges, community colleges, technical institutes, precollege institutions, and other educational institutions.^c Private, for profit includes those self-employed in an incorporated business.^d Self-employed or business owner in a nonincorporated business.^e Other sector includes employers not broken out separately.**Note(s):**

Median annual salary 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 2023.

Source(s):

National Center for Science and Engineering Statistics, Survey of Doctorate Recipients, 2023.