

TABLE 54

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

(Dollars and SE)

Field of study	All full-time employed		4-year educational institution ^a		Other educational institution ^b		Private, for profit ^c		Private, nonprofit		Federal government		State or local government		Self-employed ^d		Other ^e	
	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE
All fields	137,000	1,500	105,000	1,000	87,000	2,000	175,000	500	140,000	2,000	145,000	1,000	110,000	1,500	119,000	2,500	147,000	22,000
Science	130,000	500	100,000	1,500	87,000	2,500	170,000	1,500	135,000	5,000	144,000	2,000	107,000	2,500	119,000	6,500	148,000	28,000
Biological, agricultural, and environmental life sciences	129,000	2,000	100,000	1,000	80,000	3,500	168,000	4,000	129,000	6,000	139,000	1,500	99,000	2,000	116,000	9,000	90,000	30,000
Agricultural and food sciences	119,000	1,500	103,000	3,500	79,000	14,000	149,000	3,000	100,000	5,500	144,000	9,500	86,000	10,000	S	S	D	D
Biochemistry and biophysics	140,000	3,500	109,000	6,000	79,000	8,500	169,000	6,500	151,000	16,000	139,000	8,500	66,000	12,500	S	S	D	D
Cell, cellular biology, and molecular biology	134,000	5,500	100,000	5,000	96,000	6,000	169,000	5,000	150,000	12,000	167,000	6,000	D	D	D	D	D	D
Microbiological sciences and immunology	139,000	3,500	100,000	3,500	69,000	8,500	173,000	3,500	139,000	22,500	140,000	5,500	94,000	8,000	107,000	49,000	D	D
Natural resources and conservation	105,000	3,000	90,000	3,000	79,000	14,000	125,000	7,000	107,000	10,000	125,000	3,000	95,000	3,500	96,000	10,500	122,000	22,500
Zoology	98,000	3,000	92,000	4,000	65,000	6,500	120,000	15,500	106,000	14,500	119,000	9,000	82,000	7,000	D	D	D	D
Other biological sciences	130,000	3,000	100,000	2,500	80,000	6,000	170,000	2,000	121,000	6,000	136,000	3,000	110,000	4,500	115,000	28,500	D	D
Computer and information sciences	185,000	5,000	119,000	2,500	79,000	9,000	212,000	4,000	159,000	5,500	175,000	11,000	130,000	41,500	195,000	26,500	D	D
Mathematics and statistics	130,000	3,500	99,000	1,000	85,000	4,500	189,000	7,000	150,000	15,500	155,000	8,500	109,000	22,000	S	S	D	D
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	140,000	500	100,000	1,500	79,000	2,000	165,000	2,000	155,000	3,500	149,000	2,000	114,000	9,500	99,000	16,500	S	S
Astronomy and astrophysics	130,000	5,500	100,000	4,000	65,000	14,000	193,000	13,000	156,000	9,000	127,000	20,500	156,000	12,000	D	D	D	D
Chemistry, except biochemistry	135,000	3,000	89,000	2,000	79,000	2,000	157,000	3,500	141,000	15,500	155,000	8,000	101,000	12,000	91,000	23,500	D	D
Geosciences, atmospheric sciences, and ocean sciences	118,000	4,000	100,000	2,000	84,000	5,500	150,000	1,000	117,000	4,500	136,000	5,500	104,000	7,500	61,000	15,000	D	D
Physics	156,000	4,000	115,000	6,500	77,000	2,500	180,000	2,000	178,000	8,000	154,000	7,000	151,000	27,500	134,000	19,000	D	D
Psychology	117,000	2,500	100,000	1,500	99,000	2,500	140,000	4,500	122,000	4,500	137,000	5,000	119,000	6,500	118,000	8,000	S	S
Social sciences	116,000	2,000	102,000	2,000	90,000	6,500	175,000	5,000	149,000	6,500	155,000	6,000	104,000	5,500	98,000	7,500	186,000	25,000
Economics	160,000	4,500	130,000	4,000	62,000	16,500	204,000	10,000	180,000	12,000	169,000	5,500	112,000	12,500	109,000	20,000	196,000	31,500
Political science and government	116,000	4,000	101,000	4,000	103,000	9,000	174,000	19,000	159,000	15,500	156,000	10,500	106,000	14,000	S	S	S	S
Sociology, demography, and population studies	101,000	3,500	98,000	2,500	96,000	8,000	154,000	7,000	145,000	5,500	148,000	17,000	90,000	11,500	134,000	54,000	221,000	108,500
Other social sciences	100,000	2,500	93,000	2,000	90,000	4,500	140,000	9,000	100,000	5,000	129,000	9,500	94,000	7,500	S	S	59,000	25,500
Engineering	160,000	500	120,000	500	75,000	14,000	180,000	2,000	160,000	3,500	150,000	1,000	129,000	9,000	131,000	22,500	D	D
Aerospace, aeronautical, and astronautical engineering	171,000	3,000	126,000	8,500	D	D	189,000	6,500	177,000	11,000	153,000	9,500	*	*	D	D	D	D
Chemical engineering	159,000	4,500	110,000	6,000	D	D	169,000	5,000	150,000	15,500	147,000	6,500	141,000	30,500	S	S	D	D
Civil engineering	130,000	2,000	115,000	5,000	82,000	27,500	149,000	4,000	145,000	23,500	128,000	9,500	112,000	8,000	S	S	D	D
Electrical and computer engineering	181,000	3,500	125,000	4,000	85,000	10,000	200,000	500	169,000	10,500	152,000	7,000	183,000	36,500	146,000	27,500	D	D
Mechanical engineering	150,000	3,000	119,000	1,000	D	D	164,000	6,000	138,000	17,500	155,000	7,000	D	D	S	S	D	D
Metallurgical and materials engineering	154,000	4,000	97,000	12,000	S	S	160,000	5,000	168,000	6,000	148,000	5,500	S	S	122,000	21,500	D	D
Other engineering	150,000	3,000	120,000	1,500	70,000	18,500	175,000	3,000	149,000	9,000	148,000	5,000	137,000	15,000	129,000	51,000	D	D
Health	125,000	2,500	107,000	2,500	85,000	15,500	172,000	5,500	147,000	7,500	150,000	6,500	105,000	12,500	133,000	22,000	S	S

* = suppressed when population estimate < 25. 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.