TABLE 54

Median annual salaries of U.S. residing full-time employed doctoral scientists and engineers, by field of doctorate and sector of employment: 2021

(Dollars)

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	122,000	1,500	99,000	1,000	79,000	500	156,000	1,500	125,000	2,000	131,000	2,500	105,000	3,000	109,000	9,500	140,000	7,000
Science	117,000	1,500	95,000	1,000	79,000	1,000	154,000	2,500	120,000	1,500	130,000	500	100,000	4,000	118,000	10,000	130,000	8,500
Biological, agricultural, and environmental life sciences	115,000	1,000	94,000	2,000	73,000	3,000	150,000	500	118,000	5,500	125,000	2,000	95,000	4,500	88,000	13,500	98,000	14,000
Agricultural and food sciences	109,000	2,000	95,000	4,000	77,000	9,000	132,000	4,000	99,000	6,000	129,000	6,000	96,000	15,000	98,000	9,500	227,000	67,500
Biochemistry and biophysics	122,000	4,000	95,000	4,000	69,000	8,000	149,000	3,500	156,000	18,500	124,000	8,500	111,000	12,500	136,000	53,000	D	D
Cell, cellular biology, and molecular biology	120,000	4,500	91,000	4,500	70,000	9,000	154,000	6,500	111,000	6,500	137,000	14,000	109,000	16,000	S	S	D	D
Microbiological sciences and immunology	124,000	4,000	95,000	4,500	62,000	3,500	149,000	4,500	138,000	16,500	129,000	3,000	93,000	7,000	114,000	49,000	S	S
Natural resources and conservation	96,000	2,500	83,000	3,500	86,000	11,500	124,000	6,000	106,000	5,500	120,000	5,000	84,000	6,000	85,000	5,500	115,000	13,500
Zoology	98,000	4,500	94,000	6,000	59,000	3,500	150,000	23,000	82,000	9,500	100,000	5,000	78,000	14,500	D	D	S	S
Other biological sciences	114,000	2,000	94,000	2,500	74,000	4,000	150,000	1,500	110,000	8,000	124,000	3,500	99,000	7,000	77,000	18,000	87,000	25,000
Computer and information sciences	160,000	1,000	110,000	2,500	78,000	3,500	190,000	3,000	125,000	8,500	150,000	10,000	147,000	10,000	S	S	S	S
Mathematics and statistics	113,000	4,000	92,000	2,500	79,000	3,500	170,000	5,500	147,000	24,500	135,000	8,000	111,000	11,500	143,000	32,000	155,000	62,500
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	125,000	500	91,000	2,000	72,000	3,500	150,000	500	138,000	5,500	142,000	5,000	106,000	8,500	94,000	33,500	121,000	8,000
Astronomy and astrophysics	120,000	3,500	89,000	5,500	86,000	12,000	165,000	9,000	132,000	13,000	133,000	12,500	144,000	13,500	D	D	D	D
Chemistry, except biochemistry	123,000	3,000	85,000	3,000	72,000	3,500	145,000	3,500	107,000	16,000	139,000	10,000	89,000	3,500	146,000	26,500	112,000	14,000
Geosciences, atmospheric sciences, and ocean sciences	107,000	3,000	90,000	2,000	74,000	5,500	134,000	5,500	106,000	5,000	129,000	3,000	90,000	5,500	73,000	29,000	126,000	22,000
Physics	140,000	1,500	101,000	4,500	72,000	6,000	159,000	2,000	160,000	6,500	151,000	6,000	145,000	6,000	S	S	122,000	50,000
Psychology	106,000	1,500	95,000	2,000	90,000	1,500	125,000	4,000	109,000	1,000	118,000	3,000	104,000	3,000	121,000	5,000	96,000	19,500
Social sciences	109,000	2,000	98,000	2,000	85,000	5,000	171,000	4,500	131,000	4,500	143,000	4,500	94,000	4,000	79,000	18,000	175,000	22,500
Economics	149,000	3,000	124,000	5,000	85,000	8,500	199,000	3,500	174,000	15,000	160,000	3,000	103,000	9,000	109,000	20,500	198,000	15,000
Political science and government	108,000	3,000	98,000	4,000	97,000	15,000	178,000	12,500	127,000	8,000	149,000	10,500	108,000	14,000	S	S	S	S
Sociology, demography, and population studies	96,000	3,500	90,000	1,000	81,000	9,000	139,000	10,500	130,000	13,500	128,000	14,000	90,000	6,500	133,000	17,000	176,000	49,500
Other social sciences	92,000	1,500	89,000	1,500	79,000	3,500	130,000	3,000	92,000	7,000	118,000	8,000	86,000	4,500	56,000	22,500	144,000	46,000
Engineering	145,000	1,000	109,000	1,500	70,000	13,000	160,000	500	142,000	4,500	139,000	2,000	110,000	10,500	96,000	4,500	148,000	5,500
Aerospace, aeronautical, and astronautical engineering	149,000	1,000	114,000	11,500	D	D	160,000	6,000	143,000	13,500	138,000	10,000	149,000	20,000	D	D	D	D
Chemical engineering	141,000	5,000	118,000	9,500	58,000	2,000	150,000	4,500	135,000	10,500	133,000	10,500	135,000	20,500	116,000	27,000	124,000	10,500
Civil engineering	120,000	1,000	103,000	3,000	115,000	19,500	139,000	7,500	125,000	16,000	127,000	10,500	100,000	5,500	83,000	9,000	142,000	31,000
Electrical and computer engineering	160,000	2,000	119,000	4,500	S	S	174,000	2,500	156,000	11,000	148,000	7,000	150,000	60,000	89,000	26,500	153,000	9,500
Mechanical engineering	132,000	4,500	100,000	2,000	D	D	149,000	2,500	127,000	9,000	146,000	7,000	149,000	11,500	92,000	3,500	D	D
Metallurgical and materials engineering	144,000	3,500	100,000	5,000	S	S	150,000	2,500	150,000	11,500	130,000	8,000	S	S	91,000	20,000	138,000	10,000
Other engineering	138,000	3,500	111,000	3,500	95,000	12,000	155,000	5,000	134,000	6,500	139,000	4,500	128,000	12,500	87,000	34,000	111,000	25,000
Health	115,000	2,000	100,000	1,000	103,000	9,000	150,000	6,000	137,000	8,500	139,000	5,500	115,000	8,500	93,000	24,000	115,000	12,500

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 2021.

Source(s):
National Center for Science and Engineering Statistics, Survey of Doctorate Recipients, 2021.