TABLE 59

Median annual salaries of U.S. residing full-time employed doctoral scientists and engineers in 4-year educational institutions, by field of doctorate, sex, and faculty rank: 2021

(Dollars)

Field of study and sex	All full-time employed		Full professor		Associate professor		Assistant professor		Instructor or lecturer		All other faculty		Rank not applicable	
	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE
All fields	99,000	1,000	135,000	1,500	98,000	1,000	88,000	1,000	67,000	2,000	68,000	5,000	70,000	500
Male	102,000	1,500	140,000	1,500	100,000	500	90,000	500	68,000	3,000	70,000	13,500	70,000	1,000
Female	90,000	500	125,000	4,000	95,000	1,000	84,000	1,000	67,000	2,000	64,000	6,000	70,000	1,500
Science	95,000	1,000	130,000	500	95,000	1,500	85,000	1,000	66,000	1,500	68,000	7,000	70,000	1,000
Male	100,000	500	135,000	3,000	96,000	2,500	88,000	1,500	66,000	2,500	70,000	19,000	70,000	1,000
Female	89,000	1,000	120,000	3,000	91,000	1,500	81,000	2,000	65,000	2,000	63,000	6,000	70,000	2,000
Biological, agricultural, and environmental life sciences	94,000	2,000	149,000	3,500	101,000	3,500	90,000	1,000	65,000	2,000	55,000	6,000	64,000	2,000
Male	100,000	1,500	152,000	5,000	105,000	4,500	95,000	2,500	66,000	2,500	52,000	8,500	63,000	2,000
Female	85,000	1,500	138,000	5,000	97,000	2,000	84,000	3,500	60,000	4,000	55,000	12,000	64,000	1,500
Agricultural and food sciences	95,000	4,000	125,000	5,500	96,000	6,000	78,000	4,000	58,000	12,500	D	D	62,000	5,000
Male	103,000	3,500	127,000	6,500	99,000	7,000	80,000	5,000	S	S	D	D	66,000	8,000
Female	78,000	4,000	120,000	4,000	96,000	12,500	75,000	3,500	62,000	11,000	D	D	59,000	4,000
Biochemistry and biophysics	95,000	4,000	156,000	9,000	105,000	6,000	80,000	5,000	57,000	2,500	D	D	61,000	2,000
Male	101,000	5,000	166,000	12,500	112,000	7,500	95,000	14,000	58,000	3,000	D	D	61,000	3,500
Female	79,000	3,500	145,000	14,500	99,000	3,000	78,000	3,500	D	D	D	D	60,000	4,000
Cell, cellular biology, and molecular biology	91,000	4,500	168,000	15,000	100,000	7,000	94,000	7,000	63,000	4,500	D	D	66,000	3,000
Male	100,000	4,500	174,000	14,500	118,000	12,500	97,000	7,000	62,000	4,500	D	D	68,000	4,000
Female	80,000	4,500	154,000	17,000	92,000	6,500	82,000	13,000	64,000	17,500	D	D	64,000	4,000
Microbiological sciences and immunology	95,000	4,500	151,000	25,000	113,000	8,000	92,000	5,500	64,000	14,000	D	D	65,000	2,500
Male	107,000	9,000	185,000	16,500	119,000	21,500	98,000	4,000	S	S	D	D	67,000	5,000
Female	82,000	5,000	110,000	17,500	97,000	9,500	81,000	10,500	60,000	20,000	D	D	65,000	3,500
Natural resources and conservation	83,000	3,500	110,000	11,000	85,000	2,500	78,000	4,000	72,000	5,500	D	D	57,000	4,000
Male	86,000	6,000	119,000	10,000	89,000	4,000	78,000	4,500	72,000	1,500	D	D	57,000	5,000
Female	80,000	3,500	96,000	6,500	83,000	2,000	78,000	6,500	61,000	7,000	D	D	59,000	7,000
Zoology	94,000	6,000	124,000	10,000	87,000	5,500	81,000	8,000	65,000	10,500	D	D	59,000	1,500
Male	103,000	4,000	129,000	6,000	88,000	6,500	82,000	18,000	S	S	D	D	62,000	8,000
Female	75,000	5,500	100,000	7,500	81,000	8,500	79,000	8,000	D	D	D	D	59,000	5,500
Other biological sciences	94,000	2,500	155,000	4,500	106,000	4,500	91,000	3,000	65,000	2,500	59,000	6,000	63,000	2,000
Male	100,000	1,500	155,000	6,000	108,000	5,000	97,000	2,500	66,000	2,500	D	D	60,000	2,500
Female	88,000	2,000	149,000	5,500	102,000	6,500	86,000	3,000	60,000	5,500	D	D	65,000	1,000
Computer and information sciences	110,000	2,500	145,000	6,000	107,000	8,000	99,000	2,500	82,000	15,500	D	D	95,000	7,000
Male	110,000	4,000	150,000	10,000	108,000	7,500	99,000	1,500	80,000	6,500	D	D	99,000	10,000
Female	100,000	3,000	116,000	8,500	100,000	9,500	95,000	4,500	66,000	10,500	D	D	90,000	9,500

TABLE 59

Median annual salaries of U.S. residing full-time employed doctoral scientists and engineers in 4-year educational institutions, by field of doctorate, sex, and faculty rank: 2021

(Dollars)

Field of study and sex	All full-time employed		Full professor		Associate professor		Assistant professor		Instructor or lecturer		All other faculty		Rank not applicable	
	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE
Mathematics and statistics	92,000	2,500	113,000	5,500	86,000	3,500	77,000	4,500	60,000	3,000	D	D	77,000	6,000
Male	95,000	2,500	119,000	4,500	85,000	5,000	77,000	4,000	60,000	3,500	D	D	74,000	7,500
Female	87,000	3,500	99,000	2,500	87,000	4,000	77,000	7,500	69,000	2,000	D	D	80,000	5,500
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	91,000	2,000	125,000	3,000	89,000	2,500	80,000	2,000	62,000	3,500	D	D	70,000	2,000
Male	96,000	2,500	125,000	4,500	89,000	2,500	83,000	3,500	65,000	4,000	D	D	70,000	2,500
Female	82,000	1,500	120,000	7,500	85,000	4,000	75,000	2,500	60,000	2,500	D	D	67,000	3,500
Astronomy and astrophysics	89,000	5,500	123,000	16,000	97,000	9,000	84,000	7,000	S	S	D	D	69,000	4,000
Male	90,000	7,500	128,000	24,500	94,000	10,000	77,000	11,500	D	D	D	D	67,000	8,500
Female	83,000	5,500	113,000	10,000	103,000	17,500	87,000	7,000	D	D	D	D	69,000	3,000
Chemistry, except biochemistry	85,000	3,000	118,000	4,000	80,000	2,000	75,000	4,500	60,000	6,000	D	D	65,000	4,000
Male	91,000	3,000	121,000	4,500	79,000	4,500	76,000	5,000	64,000	6,000	D	D	69,000	5,500
Female	79,000	4,000	107,000	5,500	80,000	2,000	70,000	5,500	59,000	3,500	D	D	59,000	2,500
Geosciences, atmospheric sciences, and ocean sciences	90,000	2,000	124,000	5,000	92,000	4,000	73,000	2,000	65,000	5,500	D	D	76,000	3,500
Male	96,000	3,500	120,000	7,000	94,000	5,000	74,000	3,500	74,000	7,000	D	D	80,000	4,000
Female	82,000	3,000	124,000	2,500	89,000	5,500	73,000	3,000	61,000	1,500	D	D	73,000	4,500
Physics	101,000	4,500	138,000	8,500	99,000	7,500	94,000	5,500	62,000	6,000	D	D	73,000	5,500
Male	104,000	5,500	137,000	9,500	97,000	8,500	98,000	5,500	64,000	7,000	D	D	70,000	3,500
Female	95,000	6,000	151,000	29,500	105,000	7,500	79,000	4,000	S	S	D	D	84,000	15,500
Psychology	95,000	2,000	119,000	2,000	90,000	2,000	82,000	2,000	65,000	3,500	D	D	85,000	4,000
Male	100,000	500	122,000	6,000	95,000	5,000	79,000	6,500	73,000	16,000	D	D	79,000	4,000
Female	92,000	2,000	118,000	5,500	88,000	3,000	84,000	2,000	65,000	3,000	D	D	87,000	3,000
Social sciences	98,000	2,000	128,000	3,500	92,000	2,000	80,000	2,000	70,000	1,000	D	D	85,000	3,000
Male	105,000	2,000	132,000	5,500	93,000	3,000	83,000	3,000	70,000	4,000	S	S	95,000	8,000
Female	90,000	1,500	120,000	4,000	90,000	1,500	77,000	2,500	70,000	2,000	D	D	78,000	4,000
Economics	124,000	5,000	157,000	8,500	114,000	4,500	104,000	5,000	85,000	16,500	D	D	117,000	18,000
Male	129,000	6,000	155,000	7,500	116,000	5,500	105,000	6,000	D	D	D	D	131,000	9,000
Female	113,000	5,500	169,000	21,000	111,000	7,500	102,000	8,000	75,000	13,500	D	D	66,000	13,500
Political science and government	98,000	4,000	130,000	7,000	90,000	4,000	80,000	3,000	56,000	2,500	D	D	91,000	10,000
Male	100,000	3,500	127,000	7,500	89,000	7,500	79,000	4,500	54,000	3,500	D	D	105,000	9,500
Female	94,000	3,500	141,000	7,000	89,000	3,500	81,000	4,500	68,000	11,000	D	D	82,000	3,500
Sociology, demography, and population studies	90,000	1,000	124,000	6,000	81,000	2,500	73,000	3,500	71,000	4,500	D	D	74,000	10,500
Male	90,000	5,500	130,000	12,500	77,000	4,500	72,000	3,500	D	D	D	D	73,000	10,000
Female	90,000	2,000	110,000	8,500	84,000	4,500	73,000	4,000	68,000	7,000	D	D	75,000	21,000

TABLE 59

Median annual salaries of U.S. residing full-time employed doctoral scientists and engineers in 4-year educational institutions, by field of doctorate, sex, and faculty rank: 2021

(Dollars)

Field of study and sex	All full-time employed		Full professor		Associate professor		Assistant professor		Instructor or lecturer		All other faculty		Rank not applicable	
	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE
Other social sciences	89,000	1,500	119,000	3,500	89,000	2,000	72,000	1,500	68,000	3,500	D	D	79,000	2,000
Male	93,000	3,500	120,000	3,500	88,000	2,500	73,000	3,500	65,000	4,000	D	D	86,000	10,000
Female	85,000	2,500	110,000	5,500	90,000	3,000	70,000	2,500	69,000	2,000	D	D	71,000	8,000
Engineering	109,000	1,500	150,000	5,500	106,000	3,000	96,000	1,000	75,000	3,000	S	S	70,000	3,000
Male	110,000	1,500	150,000	3,500	106,000	3,000	96,000	1,500	75,000	3,500	D	D	72,000	6,000
Female	103,000	3,000	164,000	9,500	108,000	4,500	96,000	2,000	75,000	4,500	D	D	67,000	4,000
Aerospace, aeronautical, and astronautical engineering	114,000	11,500	174,000	12,500	104,000	14,500	93,000	3,500	D	D	D	D	85,000	7,500
Male	110,000	12,500	174,000	10,500	99,000	14,500	93,000	3,500	D	D	D	D	83,000	8,500
Female	129,000	10,000	141,000	30,500	116,000	18,000	*	*	D	D	D	D	127,000	47,000
Chemical engineering	118,000	9,500	157,000	10,500	105,000	11,500	104,000	7,500	D	D	D	D	57,000	4,000
Male	122,000	10,500	156,000	11,000	101,000	12,500	102,000	8,500	D	D	D	D	58,000	5,000
Female	104,000	13,500	174,000	38,000	D	D	105,000	13,500	D	D	D	D	54,000	9,000
Civil engineering	103,000	3,000	149,000	2,000	100,000	2,500	91,000	4,500	68,000	8,000	D	D	66,000	8,500
Male	105,000	4,000	148,000	4,000	100,000	5,000	90,000	6,500	S	S	D	D	62,000	10,000
Female	100,000	3,000	149,000	5,500	100,000	5,000	93,000	4,000	73,000	6,000	D	D	75,000	7,500
Electrical and computer engineering	119,000	4,500	152,000	5,500	106,000	4,000	100,000	3,500	84,000	10,000	D	D	88,000	4,500
Male	117,000	5,500	149,000	4,500	106,000	4,000	100,000	3,500	84,000	19,000	D	D	86,000	6,500
Female	129,000	7,500	172,000	16,000	106,000	14,500	96,000	6,500	D	D	D	D	118,000	35,500
Mechanical engineering	100,000	2,000	130,000	13,500	103,000	6,500	90,000	1,500	71,000	3,500	D	D	65,000	7,000
Male	101,000	5,500	129,000	13,500	104,000	6,000	90,000	1,000	71,000	5,500	D	D	67,000	7,000
Female	94,000	2,500	143,000	44,000	99,000	12,000	91,000	3,000	D	D	D	D	61,000	10,500
Metallurgical and materials engineering	100,000	5,000	149,000	21,500	100,000	7,500	96,000	10,000	S	S	D	D	73,000	8,500
Male	99,000	5,500	148,000	16,500	102,000	17,500	87,000	13,000	D	D	D	D	73,000	13,500
Female	90,000	16,000	175,000	29,000	92,000	14,000	D	D	D	D	D	D	71,000	4,000
Other engineering	111,000	3,500	159,000	3,000	117,000	6,000	98,000	3,000	75,000	3,500	D	D	67,000	4,000
Male	117,000	5,500	159,000	4,000	115,000	6,500	96,000	2,500	74,000	3,500	D	D	78,000	9,000
Female	100,000	4,500	163,000	8,500	119,000	8,500	100,000	4,000	85,000	13,500	D	D	64,000	2,000
Health	100,000	1,000	139,000	8,500	105,000	6,000	85,000	1,500	61,000	8,500	D	D	66,000	4,000
Male	104,000	6,000	149,000	8,000	107,000	5,500	80,000	4,000	54,000	9,000	D	D	60,000	2,500
Female	98,000	3,000	130,000	7,000	101,000	5,000	85,000	2,000	69,000	4,500	D	D	70,000	7,500

* = 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.

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. Four-year educational institutions include 4-year colleges or universities, medical schools (including university-affiliated hospitals or medical centers), and university-affiliated research institutes. 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.