

TABLE 51

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

(Dollars)

Field of study	All full-time employed		U.S. citizen						Non-U.S. citizen					
			All		Native-born		Naturalized		All		Permanent resident		Temporary resident	
	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	125,000	500	120,000	500	142,000	3,000	115,000	1,500	120,000	2,000	97,000	4,000
Science	117,000	1,500	120,000	1,500	114,000	1,500	132,000	3,500	105,000	3,000	115,000	4,000	87,000	3,000
Biological, agricultural, and environmental life sciences	115,000	1,000	120,000	500	115,000	1,500	133,000	4,000	88,000	3,500	100,000	500	64,000	1,500
Agricultural and food sciences	109,000	2,000	115,000	5,000	111,000	2,500	123,000	5,000	85,000	5,500	92,000	2,500	74,000	6,000
Biochemistry and biophysics	122,000	4,000	130,000	4,000	123,000	5,000	145,000	9,000	100,000	8,500	114,000	5,000	59,000	2,500
Cell, cellular biology, and molecular biology	120,000	4,500	124,000	4,500	122,000	4,000	136,000	12,500	80,000	9,500	97,000	10,500	61,000	3,500
Microbiological sciences and immunology	124,000	4,000	127,000	3,000	123,000	4,000	144,000	5,500	98,000	8,000	99,000	2,500	69,000	14,500
Natural resources and conservation	96,000	2,500	99,000	3,000	99,000	3,500	100,000	4,000	83,000	4,000	88,000	9,000	70,000	11,000
Zoology	98,000	4,500	99,000	3,500	98,000	5,500	105,000	12,000	83,000	16,500	84,000	20,000	D	D
Other biological sciences	114,000	2,000	119,000	3,000	113,000	2,000	130,000	6,000	89,000	3,500	99,000	2,500	64,000	1,500
Computer and information sciences	160,000	1,000	160,000	1,500	154,000	5,500	170,000	8,000	159,000	3,500	171,000	10,000	145,000	8,000
Mathematics and statistics	113,000	4,000	110,000	3,000	105,000	3,000	124,000	4,500	121,000	8,000	130,000	13,500	109,000	12,500
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	125,000	500	130,000	1,500	125,000	1,500	140,000	2,500	109,000	2,500	120,000	2,000	84,000	7,000
Astronomy and astrophysics	120,000	3,500	120,000	5,500	119,000	5,000	146,000	4,000	75,000	8,000	97,000	12,000	65,000	6,500
Chemistry, except biochemistry	123,000	3,000	127,000	4,000	125,000	3,000	133,000	6,500	100,000	8,000	119,000	6,500	84,000	9,500
Geosciences, atmospheric sciences, and ocean sciences	107,000	3,000	109,000	2,500	105,000	2,500	116,000	4,000	94,000	10,000	112,000	10,500	67,000	9,500
Physics	140,000	1,500	148,000	3,500	142,000	5,000	150,000	2,000	119,000	2,000	119,000	3,000	113,000	13,000
Psychology	106,000	1,500	106,000	1,500	105,000	1,500	110,000	3,500	95,000	2,500	100,000	9,000	75,000	22,500
Social sciences	109,000	2,000	110,000	2,000	106,000	2,500	119,000	3,000	105,000	5,000	105,000	4,500	100,000	13,000
Economics	149,000	3,000	150,000	4,000	149,000	4,000	158,000	10,000	140,000	10,000	132,000	15,000	140,000	13,000

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	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE
Political science and government	108,000	3,000	109,000	2,000	110,000	3,000	100,000	9,500	90,000	5,500	94,000	5,000	74,000	4,500
Sociology, demography, and population studies	96,000	3,500	98,000	3,500	96,000	3,500	103,000	17,000	88,000	8,500	87,000	10,000	81,000	13,000
Other social sciences	92,000	1,500	94,000	2,000	92,000	1,500	99,000	2,500	80,000	3,000	80,000	3,500	74,000	2,500
Engineering	145,000	1,000	150,000	500	148,000	3,000	155,000	3,000	125,000	1,000	130,000	2,500	109,000	3,500
Aerospace, aeronautical, and astronautical engineering	149,000	1,000	155,000	6,500	152,000	5,500	160,000	7,000	133,000	12,000	140,000	8,500	96,000	10,000
Chemical engineering	141,000	5,000	150,000	1,000	150,000	2,000	149,000	3,000	120,000	2,500	130,000	4,500	99,000	9,000
Civil engineering	120,000	1,000	128,000	5,000	124,000	6,000	136,000	10,000	99,000	4,500	100,000	2,000	90,000	4,000
Electrical and computer engineering	160,000	2,000	168,000	3,500	165,000	4,000	169,000	1,500	150,000	1,000	154,000	5,500	135,000	9,000
Mechanical engineering	132,000	4,500	142,000	4,500	144,000	7,000	140,000	5,500	114,000	5,000	120,000	4,500	100,000	2,000
Metallurgical and materials engineering	144,000	3,500	150,000	1,500	144,000	3,500	160,000	4,500	125,000	3,000	129,000	3,000	107,000	16,500
Other engineering	138,000	3,500	145,000	3,000	140,000	2,500	150,000	2,500	112,000	5,000	118,000	6,500	105,000	5,000
Health	115,000	2,000	117,000	2,500	110,000	2,500	137,000	7,000	108,000	3,000	118,000	8,500	83,000	5,500

D = suppressed to avoid disclosure of confidential information.

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. 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.