

TABLE 52

Median annual salaries of U.S. residing full-time employed doctoral scientists and engineers, by field of doctorate and age: 2019

(Dollars)

Field of study	All full-time employed		Under 35		35–39		40–44		45–49		50–54		55–59		60–64		65–75	
	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	119,000	1,000	93,000	1,500	102,000	2,000	113,000	2,000	120,000	1,500	130,000	500	135,000	1,500	133,000	3,000	130,000	1,500
Science	110,000	500	86,000	1,500	95,000	1,000	105,000	1,000	113,000	3,000	121,000	3,000	130,000	1,500	127,000	4,000	128,000	3,000
Biological, agricultural, and environmental life sciences	110,000	1,500	74,000	2,500	88,000	2,500	105,000	2,500	115,000	3,500	124,000	3,500	133,000	5,000	132,000	4,500	148,000	4,000
Agricultural and food sciences	110,000	1,000	87,000	4,000	93,000	2,500	100,000	4,500	115,000	6,500	116,000	7,500	123,000	4,000	118,000	3,000	124,000	10,500
Biochemistry and biophysics	117,000	3,500	61,000	7,000	87,000	5,000	113,000	4,500	127,000	6,500	140,000	13,500	149,000	11,500	133,000	15,500	164,000	16,000
Cell, cellular biology, and molecular biology	111,000	4,500	70,000	5,500	90,000	6,000	105,000	7,000	120,000	14,000	119,000	5,500	146,000	6,500	129,000	9,000	149,000	22,000
Microbiological sciences and immunology	110,000	3,000	71,000	3,000	88,000	5,500	112,000	4,500	118,000	12,500	130,000	7,500	153,000	14,500	157,000	5,500	141,000	14,500
Natural resources and conservation	97,000	2,500	66,000	4,000	79,000	4,000	87,000	2,500	100,000	3,000	105,000	5,000	109,000	9,000	104,000	8,000	185,000	40,500
Zoology	96,000	4,500	55,000	4,500	67,000	3,500	84,000	3,500	98,000	8,500	97,000	11,500	104,000	5,000	116,000	8,500	129,000	13,000
Other biological sciences	107,000	2,500	75,000	3,000	89,000	3,000	104,000	3,500	115,000	5,500	125,000	4,500	126,000	5,500	145,000	7,500	149,000	2,000
Computer and information sciences	150,000	3,000	149,000	9,000	148,000	8,500	155,000	8,500	152,000	9,500	156,000	6,000	155,000	8,500	150,000	6,000	124,000	13,000
Mathematics and statistics	114,000	3,500	99,000	4,500	100,000	5,000	112,000	9,000	109,000	6,000	112,000	9,500	119,000	6,000	130,000	12,500	140,000	7,500
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	120,000	500	90,000	2,000	101,000	3,500	114,000	5,000	125,000	5,000	130,000	3,500	140,000	2,000	142,000	5,500	135,000	6,000
Astronomy and astrophysics	110,000	6,500	84,000	6,500	90,000	9,000	101,000	9,000	115,000	8,500	128,000	15,500	151,000	14,000	156,000	11,000	152,000	13,000
Chemistry, except biochemistry	119,000	2,000	89,000	3,500	102,000	4,500	110,000	4,000	127,000	6,000	130,000	1,500	140,000	3,000	135,000	8,000	136,000	4,500
Geosciences, atmospheric sciences, and ocean sciences	105,000	2,000	79,000	5,000	84,000	3,500	99,000	2,000	112,000	6,000	120,000	5,000	115,000	6,500	130,000	7,500	119,000	6,000
Physics	130,000	1,000	100,000	5,500	118,000	3,500	136,000	7,500	132,000	5,500	142,000	8,500	150,000	5,500	153,000	9,000	138,000	13,000
Psychology	101,000	1,500	84,000	2,500	91,000	2,500	100,000	500	103,000	3,000	109,000	3,000	114,000	4,500	110,000	2,000	119,000	3,500
Social sciences	101,000	2,000	94,000	2,500	88,000	2,500	88,000	2,500	100,000	2,500	110,000	4,000	115,000	6,000	110,000	4,500	114,000	5,500
Economics	135,000	4,000	129,000	6,500	132,000	6,500	119,000	7,500	130,000	17,000	169,000	8,500	149,000	11,500	139,000	12,500	133,000	8,000
Political science and government	103,000	4,000	89,000	7,500	83,000	7,500	79,000	4,500	107,000	3,000	107,000	6,000	116,000	10,000	118,000	11,000	110,000	9,000
Sociology, demography, and population studies	90,000	2,000	71,000	3,500	80,000	2,500	81,000	3,000	93,000	4,500	89,000	5,500	99,000	8,000	104,000	16,500	119,000	11,500
Other social sciences	90,000	500	74,000	2,500	75,000	2,000	80,000	1,500	88,000	5,000	100,000	2,000	99,000	2,500	100,000	2,500	100,000	4,000
Engineering	137,000	2,000	110,000	1,000	125,000	1,000	135,000	3,000	150,000	2,500	159,000	2,000	150,000	2,000	159,000	4,000	149,000	3,000
Aerospace, aeronautical, and astronautical engineering	137,000	4,500	110,000	2,500	122,000	6,000	124,000	4,000	150,000	11,000	152,000	8,000	165,000	9,500	200,000	25,500	154,000	3,000
Chemical engineering	139,000	4,000	109,000	4,000	127,000	6,500	131,000	8,500	158,000	6,000	161,000	9,500	150,000	12,000	173,000	21,000	149,000	11,500
Civil engineering	119,000	4,500	88,000	1,500	96,000	2,500	107,000	5,500	110,000	9,000	141,000	8,000	139,000	12,500	161,000	13,500	164,000	21,500
Electrical and computer engineering	150,000	2,000	134,000	4,500	140,000	2,500	159,000	7,000	167,000	9,000	166,000	5,000	166,000	6,500	160,000	6,500	140,000	9,500
Mechanical engineering	130,000	2,000	100,000	2,500	118,000	5,500	134,000	9,500	138,000	5,000	156,000	6,000	130,000	4,000	130,000	9,500	129,000	8,500

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Field of study	All full-time employed		Under 35		35–39		40–44		45–49		50–54		55–59		60–64		65–75	
	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
Industrial engineers	134,000	3,500	108,000	5,000	130,000	2,000	124,000	3,000	150,000	6,000	159,000	9,000	138,000	15,000	161,000	6,500	167,000	23,500
Other engineering	130,000	500	100,000	2,000	115,000	3,500	129,000	2,000	139,000	4,500	150,000	7,500	159,000	5,500	153,000	7,000	145,000	10,000
Health	110,000	2,000	84,000	4,500	96,000	3,500	109,000	4,000	120,000	3,000	114,000	5,500	125,000	6,000	118,000	8,000	132,000	4,500

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. Residence location is based on reported living location on 1 February 2019. Full time is based on working 35 or more hours per week.

Source(s):

National Center for Science and Engineering Statistics, Survey of Doctorate Recipients: 2019.