

TABLE 51

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

(Dollars)

Field	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	119,000	1,000	120,000	500	113,000	1,500	135,000	500	110,000	2,500	115,000	1,500	92,000	2,500
Science	110,000	500	111,000	1,500	109,000	1,500	125,000	2,000	100,000	500	105,000	2,000	84,000	4,000
Biological, agricultural, and environmental life sciences	110,000	1,500	113,000	2,000	109,000	2,000	125,000	3,000	83,000	3,000	92,000	4,000	60,000	2,000
Agricultural and food sciences	110,000	1,000	114,000	2,000	112,000	3,000	119,000	3,000	84,000	4,000	87,000	7,500	79,000	2,500
Biochemistry and biophysics	117,000	3,500	120,000	5,000	116,000	4,000	140,000	5,500	78,000	6,000	80,000	6,500	59,000	8,500
Cell, cellular biology, and molecular biology	111,000	4,500	119,000	4,500	114,000	5,500	120,000	1,500	79,000	8,500	89,000	7,000	54,000	6,500
Microbiological sciences and immunology	110,000	3,000	115,000	4,000	109,000	2,500	130,000	9,000	80,000	9,000	100,000	9,500	63,000	7,000
Natural resources and conservation	97,000	2,500	100,000	2,500	98,000	3,500	100,000	3,500	75,000	6,000	96,000	6,000	59,000	2,000
Zoology	96,000	4,500	99,000	2,500	98,000	3,500	110,000	7,500	66,000	3,000	67,000	8,000	D	D
Other biological sciences	107,000	2,500	110,000	1,000	105,000	2,500	126,000	4,000	89,000	3,500	100,000	3,500	62,000	3,500
Computer and information sciences	150,000	3,000	150,000	1,500	150,000	3,000	159,000	5,500	155,000	9,000	159,000	8,000	138,000	5,000
Mathematics and statistics	114,000	3,500	111,000	3,000	105,000	4,000	129,000	6,000	118,000	4,000	120,000	4,500	116,000	11,000
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	120,000	500	124,000	2,500	120,000	500	130,000	4,500	99,000	1,500	109,000	4,500	75,000	2,500
Astronomy and astrophysics	110,000	6,500	118,000	6,500	109,000	5,000	147,000	11,500	89,000	14,000	92,000	19,500	69,000	12,500
Chemistry, except biochemistry	119,000	2,000	122,000	3,000	121,000	2,000	126,000	5,000	95,000	4,500	100,000	4,500	67,000	6,000
Geosciences, atmospheric sciences, and ocean sciences	105,000	2,000	108,000	2,500	106,000	2,000	119,000	6,000	96,000	4,500	101,000	5,500	71,000	5,500
Physics	130,000	1,000	137,000	5,000	130,000	4,000	148,000	5,500	110,000	9,000	119,000	3,500	81,000	9,000
Psychology	101,000	1,500	102,000	1,500	101,000	1,500	105,000	5,000	89,000	1,500	93,000	4,000	74,000	6,000
Social sciences	101,000	2,000	101,000	2,500	100,000	500	110,000	2,000	100,000	2,500	100,000	2,500	98,000	9,000
Economics	135,000	4,000	140,000	3,500	140,000	4,000	138,000	11,000	129,000	4,000	129,000	4,000	126,000	8,500

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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	103,000	4,000	105,000	3,000	105,000	3,500	103,000	5,000	84,000	8,000	85,000	8,500	76,000	12,000
Sociology, demography, and population studies	90,000	2,000	90,000	3,500	92,000	3,500	89,000	3,500	83,000	3,000	83,000	3,500	72,000	20,000
Other social sciences	90,000	500	90,000	1,000	90,000	1,000	100,000	5,000	82,000	2,500	84,000	5,000	73,000	7,500
Engineering	137,000	2,000	143,000	2,500	139,000	2,500	150,000	1,000	120,000	2,500	129,000	500	102,000	4,500
Aerospace, aeronautical, and astronautical engineering	137,000	4,500	146,000	5,000	149,000	6,500	144,000	9,000	112,000	6,500	122,000	7,500	102,000	4,500
Chemical engineering	139,000	4,000	144,000	3,500	139,000	4,000	153,000	5,500	117,000	3,500	126,000	8,500	105,000	4,500
Civil engineering	119,000	4,500	126,000	4,000	120,000	2,500	138,000	9,000	94,000	4,000	99,000	1,500	83,000	3,000
Electrical and computer engineering	150,000	2,000	159,000	2,500	153,000	5,500	160,000	3,500	140,000	3,500	149,000	1,500	129,000	4,000
Mechanical engineering	130,000	2,000	131,000	3,500	130,000	3,500	132,000	3,500	115,000	5,000	119,000	3,500	98,000	4,000
Industrial engineers	134,000	3,500	142,000	3,500	139,000	3,500	149,000	4,500	114,000	5,500	123,000	7,500	91,000	13,000
Other engineering	130,000	500	136,000	3,500	130,000	2,500	147,000	4,500	110,000	4,000	122,000	6,000	95,000	2,500
Health	110,000	1,500	115,000	2,500	110,000	2,500	125,000	9,000	93,000	4,500	97,000	5,000	90,000	8,500

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. Full time is based on working 35 or more hours per week. Standard errors are rounded up to the nearest \$500. Residence location is based on reported living location on 1 February 2019.

**Source(s):**

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