

TABLE 57-2

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

(Dollars)

Field of study	All full-time employed		Computer applications		Management, sales, or administration <sup>a</sup>		Professional services		Any R&D <sup>b</sup>		Teaching		Other <sup>c</sup>	
	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	142,000	4,000	145,000	2,500	119,000	500	120,000	500	81,000	1,500	111,000	3,000
Science	110,000	500	140,000	1,500	140,000	2,000	116,000	3,000	118,000	1,500	80,000	500	104,000	2,000
Biological, agricultural, and environmental life sciences	110,000	1,500	117,000	5,000	132,000	3,000	159,000	8,500	108,000	2,500	75,000	1,500	103,000	4,000
Agricultural and food sciences	110,000	1,000	107,000	8,500	139,000	5,000	94,000	13,500	107,000	4,000	82,000	3,000	99,000	7,500
Biochemistry and biophysics	117,000	3,500	122,000	12,000	140,000	9,000	176,000	16,500	114,000	5,000	72,000	4,500	117,000	11,000
Cell, cellular biology, and molecular biology	111,000	4,500	125,000	10,500	134,000	3,500	180,000	18,000	106,000	5,500	75,000	5,000	94,000	12,000
Microbiological sciences and immunology	110,000	3,000	69,000	4,500	129,000	5,000	157,000	12,500	109,000	2,500	77,000	6,000	94,000	9,000
Natural resources and conservation	97,000	2,500	89,000	6,500	119,000	9,500	105,000	16,500	98,000	3,000	70,000	1,000	91,000	5,000
Zoology	96,000	4,500	116,000	28,500	120,000	5,500	75,000	6,500	99,000	6,500	76,000	3,000	89,000	16,500
Other biological sciences	107,000	2,500	118,000	6,500	130,000	2,500	160,000	13,000	107,000	3,000	75,000	2,000	110,000	5,500
Computer and information sciences	150,000	3,000	162,000	5,500	185,000	9,000	152,000	46,000	158,000	8,000	96,000	3,500	108,000	19,000
Mathematics and statistics	114,000	3,500	148,000	5,500	164,000	7,500	142,000	7,000	133,000	3,500	80,000	1,500	129,000	12,500
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	120,000	500	131,000	5,500	154,000	3,000	149,000	14,000	120,000	2,500	75,000	1,000	110,000	7,000
Astronomy and astrophysics	110,000	6,500	121,000	14,500	155,000	11,000	203,000	40,000	110,000	9,500	77,000	6,000	101,000	10,500
Chemistry, except biochemistry	119,000	2,000	119,000	6,500	149,000	2,000	154,000	17,500	120,000	1,500	70,000	1,500	118,000	9,000
Geosciences, atmospheric sciences, and ocean sciences	105,000	2,000	115,000	9,500	139,000	6,000	109,000	11,000	110,000	2,500	80,000	2,000	100,000	6,500
Physics	130,000	1,000	144,000	5,500	170,000	4,500	158,000	22,000	130,000	2,000	80,000	1,500	117,000	11,500
Psychology	101,000	1,500	138,000	11,000	120,000	2,000	101,000	1,500	110,000	3,500	79,000	2,000	102,000	5,500
Social sciences	101,000	2,000	115,000	7,500	135,000	4,000	130,000	10,000	120,000	2,000	81,000	2,000	99,000	2,500
Economics	135,000	4,000	114,000	19,500	176,000	9,500	180,000	14,000	149,000	3,000	97,000	2,500	120,000	25,500
Political science and government	103,000	4,000	125,000	16,000	138,000	8,000	116,000	26,000	110,000	6,000	82,000	3,000	98,000	6,500
Sociology, demography, and population studies	90,000	2,000	D	D	121,000	6,000	92,000	10,500	103,000	8,000	79,000	2,500	98,000	3,500
Other social sciences	90,000	500	109,000	7,500	107,000	4,500	108,000	10,500	96,000	2,500	78,000	1,500	90,000	4,000
Engineering	137,000	2,000	149,000	2,500	160,000	2,500	149,000	4,000	135,000	1,000	95,000	2,500	137,000	4,500
Aerospace, aeronautical, and astronautical engineering	137,000	4,500	136,000	9,000	170,000	17,500	S	S	131,000	6,000	90,000	11,500	133,000	40,500
Chemical engineering	139,000	4,000	125,000	25,000	154,000	4,500	137,000	10,000	135,000	3,500	85,000	6,500	134,000	9,000
Civil engineering	119,000	4,500	128,000	7,500	149,000	4,000	109,000	17,500	109,000	2,500	97,000	4,500	117,000	16,500
Electrical and computer engineering	150,000	2,000	160,000	4,000	190,000	7,500	184,000	4,000	150,000	500	99,000	3,000	139,000	7,000
Mechanical engineering	130,000	2,000	130,000	4,500	158,000	5,500	152,000	43,000	130,000	2,500	93,000	6,500	155,000	10,500

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

(Dollars)

Field of study	All full-time employed		Computer applications		Management, sales, or administration <sup>a</sup>		Professional services		Any R&D <sup>b</sup>		Teaching		Other <sup>c</sup>	
	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	145,000	16,500	154,000	6,500	188,000	30,000	130,000	3,000	82,000	8,000	117,000	3,500
Other engineering	130,000	500	138,000	5,000	155,000	7,000	154,000	10,000	125,000	3,500	94,000	4,500	144,000	5,500
Health	110,000	1,500	119,000	17,000	139,000	8,000	122,000	5,000	118,000	3,000	86,000	3,000	110,000	11,500

D = suppressed to avoid disclosure of confidential information. S = suppressed for reliability; coefficient of variation exceeds publication standards.

SE = standard error.

<sup>a</sup> Administration includes accounting, finance, contracts, and human resources.

<sup>b</sup> R&D includes applied and basic research, design, and development.

<sup>c</sup> Includes production, operations, maintenance, and other activities 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. Primary and secondary work activities were self-defined by respondent in response to the question: "On which two activities...did you work the most hours during a typical week on this job?" 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.