

TABLE 57-1

**Median annual salary of U.S. residing full-time employed doctoral scientists and engineers, by field of doctorate and primary or secondary work activity: 2023**

(Dollars and SE)

Field of study	All full-time employed		Computer applications		Design		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	Median salary	SE
All fields	137,000	1,500	160,000	500	158,000	3,500	150,000	500	140,000	1,500	140,000	1,000	100,000	500	120,000	500
Science	130,000	500	152,000	4,500	150,000	1,000	146,000	1,500	137,000	3,500	130,000	500	96,000	1,500	110,000	2,000
Biological, agricultural, and environmental life sciences	129,000	2,000	129,000	3,000	131,000	4,500	145,000	3,000	175,000	8,500	127,000	2,500	97,000	2,000	115,000	3,500
Agricultural and food sciences	119,000	1,500	123,000	7,000	149,000	12,500	135,000	6,500	127,000	4,500	119,000	2,000	100,000	4,000	109,000	10,500
Biochemistry and biophysics	140,000	3,500	164,000	16,500	130,000	9,000	150,000	4,500	183,000	21,500	140,000	4,000	95,000	6,500	123,000	9,500
Cell, cellular biology, and molecular biology	134,000	5,500	138,000	12,000	154,000	12,000	156,000	6,000	185,000	23,500	130,000	4,500	100,000	3,000	125,000	7,500
Microbiological sciences and immunology	139,000	3,500	106,000	10,500	131,000	5,000	149,000	2,000	224,000	32,000	139,000	4,000	92,000	8,000	116,000	9,000
Natural resources and conservation	105,000	3,000	109,000	3,500	120,000	3,000	116,000	4,000	109,000	8,000	102,000	3,000	87,000	2,500	100,000	8,000
Zoology	98,000	3,000	139,000	23,500	114,000	26,500	96,000	7,000	107,000	32,500	100,000	2,500	85,000	3,000	100,000	6,000
Other biological sciences	130,000	3,000	128,000	4,000	129,000	4,500	142,000	3,500	174,000	14,500	127,000	3,000	100,000	3,000	113,000	6,500
Computer and information sciences	185,000	5,000	199,000	500	200,000	1,000	203,000	4,500	177,000	43,500	185,000	5,500	110,000	3,000	184,000	15,500
Mathematics and statistics	130,000	3,500	156,000	9,000	177,000	10,000	154,000	7,500	172,000	24,500	136,000	4,500	90,000	2,000	90,000	7,000
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	140,000	500	150,000	1,500	150,000	2,500	160,000	3,000	171,000	11,500	140,000	500	90,000	2,500	120,000	3,500
Astronomy and astrophysics	130,000	5,500	128,000	9,500	182,000	16,500	156,000	10,500	191,000	28,500	125,000	6,000	90,000	7,500	123,000	9,000
Chemistry, except biochemistry	135,000	3,000	149,000	3,500	149,000	8,500	157,000	4,000	167,000	13,500	139,000	3,000	84,000	2,500	119,000	7,500
Geosciences, atmospheric sciences, and ocean sciences	118,000	4,000	128,000	6,000	129,000	9,000	129,000	4,000	124,000	6,500	116,000	4,000	93,000	2,500	116,000	6,500
Physics	156,000	4,000	164,000	5,000	154,000	7,500	180,000	4,000	197,000	8,500	155,000	4,000	104,000	6,000	127,000	5,500
Psychology	117,000	2,500	129,000	6,500	137,000	9,000	125,000	2,000	120,000	500	120,000	2,000	97,000	2,000	99,000	2,500
Social sciences	116,000	2,000	146,000	8,500	148,000	4,000	136,000	4,500	149,000	4,500	120,000	500	96,000	1,500	100,000	1,000
Economics	160,000	4,500	151,000	9,000	148,000	6,000	184,000	7,000	200,000	19,000	161,000	5,500	120,000	4,000	136,000	25,500
Political science and government	116,000	4,000	148,000	17,000	149,000	9,500	140,000	7,000	123,000	26,000	111,000	4,500	94,000	3,000	107,000	5,500
Sociology, demography, and population studies	101,000	3,500	137,000	18,500	131,000	27,000	126,000	7,000	105,000	12,000	108,000	3,000	88,000	3,000	100,000	1,500
Other social sciences	100,000	2,500	110,000	9,000	128,000	18,000	109,000	2,000	114,000	4,500	100,000	1,000	89,000	2,000	90,000	3,000
Engineering	160,000	500	167,000	4,000	165,000	2,000	180,000	3,000	163,000	9,500	156,000	2,000	116,000	3,500	150,000	2,000
Aerospace, aeronautical, and astronautical engineering	171,000	3,000	165,000	9,000	167,000	8,500	183,000	5,500	163,000	16,500	171,000	5,000	121,000	9,500	169,000	26,500
Chemical engineering	159,000	4,500	165,000	7,000	149,000	7,000	180,000	5,500	139,000	12,500	150,000	3,000	115,000	16,500	150,000	8,000
Civil engineering	130,000	2,000	135,000	7,500	130,000	8,000	149,000	6,000	128,000	9,500	121,000	7,000	107,000	7,500	122,000	11,500
Electrical and computer engineering	181,000	3,500	189,000	5,000	189,000	3,000	200,000	500	199,000	7,500	180,000	1,000	117,000	4,500	157,000	7,000
Mechanical engineering	150,000	3,000	149,000	2,500	157,000	8,500	166,000	7,000	184,000	19,000	146,000	4,500	117,000	8,000	144,000	12,000
Metallurgical and materials engineering	154,000	4,000	157,000	3,000	154,000	4,500	176,000	8,000	145,000	20,500	150,000	2,500	124,000	22,000	149,000	1,000
Other engineering	150,000	3,000	150,000	2,000	150,000	8,500	174,000	5,000	185,000	12,500	150,000	500	115,000	5,000	142,000	7,000
Health	125,000	2,500	119,000	5,500	148,000	9,500	145,000	4,500	134,000	7,500	128,000	4,000	99,000	1,000	121,000	7,000

SE = standard error.

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

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

<sup>c</sup> Other work activities include production, operations, maintenance, and other activities not broken out separately.

**Note(s):**

Median annual salary 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?" If respondent reported more than one category of activity as primary or secondary work activity, respondent's salary appears in both categories. Residence location is based on reported living location on 1 February 2023.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Doctorate Recipients, 2023.