

TABLE 57-2

Median annual salary of U.S. residing full-time employed doctoral scientists and engineers, by field of doctorate and primary 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	170,000	3,500	157,000	4,000	170,000	3,000	140,000	2,500	140,000	500	89,000	1,000	125,000	3,000
Science	130,000	500	165,000	4,500	156,000	6,000	160,000	500	135,000	4,000	135,000	1,000	85,000	500	120,000	2,000
Biological, agricultural, and environmental life sciences	129,000	2,000	134,000	6,500	137,000	6,500	155,000	3,000	198,000	9,000	126,000	2,500	84,000	1,500	120,000	2,000
Agricultural and food sciences	119,000	1,500	132,000	11,000	155,000	9,500	157,000	6,000	129,000	24,500	115,000	3,000	90,000	5,000	100,000	12,500
Biochemistry and biophysics	140,000	3,500	168,000	15,000	137,000	43,500	168,000	10,500	207,000	25,500	139,000	4,500	80,000	5,500	126,000	15,500
Cell, cellular biology, and molecular biology	134,000	5,500	146,000	24,500	160,000	10,500	158,000	4,000	197,000	19,500	128,000	5,500	85,000	4,500	127,000	11,000
Microbiological sciences and immunology	139,000	3,500	97,000	9,000	132,000	17,000	151,000	7,000	239,000	25,500	139,000	3,500	79,000	2,500	113,000	8,500
Natural resources and conservation	105,000	3,000	107,000	6,000	118,000	8,000	120,000	4,500	109,000	8,000	103,000	3,000	83,000	3,500	111,000	12,000
Zoology	98,000	3,000	D	D	D	D	109,000	8,500	90,000	44,500	102,000	5,500	83,000	2,500	98,000	5,500
Other biological sciences	130,000	3,000	130,000	7,500	132,000	7,000	158,000	4,500	198,000	12,500	126,000	2,500	84,000	2,000	119,000	2,000
Computer and information sciences	185,000	5,000	200,000	2,500	198,000	9,000	216,000	6,000	243,000	43,000	189,000	6,000	100,000	2,500	186,000	20,000
Mathematics and statistics	130,000	3,500	162,000	9,000	173,000	16,500	184,000	11,000	203,000	21,500	150,000	2,500	84,000	1,500	128,000	11,500
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	140,000	500	157,000	7,000	151,000	7,500	170,000	3,000	190,000	14,500	142,000	3,000	81,000	1,500	124,000	5,000
Astronomy and astrophysics	130,000	5,500	131,000	13,500	181,000	56,500	184,000	6,500	D	D	119,000	10,000	75,000	2,500	129,000	12,500
Chemistry, except biochemistry	135,000	3,000	149,000	5,500	144,000	14,000	167,000	4,000	184,000	18,000	140,000	1,500	78,000	1,500	124,000	7,500
Geosciences, atmospheric sciences, and ocean sciences	118,000	4,000	138,000	7,000	115,000	7,500	140,000	2,500	122,000	12,500	120,000	3,000	87,000	4,000	107,000	11,000
Physics	156,000	4,000	170,000	9,500	163,000	11,500	200,000	5,500	219,000	14,500	154,000	5,000	86,000	4,000	129,000	6,500
Psychology	117,000	2,500	138,000	17,000	149,000	16,500	140,000	4,000	120,000	1,000	123,000	4,000	84,000	1,500	102,000	5,000
Social sciences	116,000	2,000	148,000	9,500	149,000	16,500	150,000	3,000	147,000	8,000	135,000	3,500	88,000	1,500	108,000	4,500
Economics	160,000	4,500	162,000	16,000	152,000	37,000	204,000	10,500	198,000	19,500	164,000	7,500	106,000	4,000	165,000	17,500
Political science and government	116,000	4,000	155,000	65,500	148,000	27,000	153,000	6,500	128,000	38,500	123,000	6,500	88,000	3,000	125,000	13,000
Sociology, demography, and population studies	101,000	3,500	127,000	42,000	D	D	140,000	11,500	102,000	6,000	127,000	8,500	81,000	2,500	109,000	12,500
Other social sciences	100,000	2,500	114,000	8,500	137,000	43,500	120,000	4,500	113,000	7,000	109,000	2,500	83,000	2,500	93,000	6,500
Engineering	160,000	500	173,000	4,000	159,000	4,500	186,000	4,500	166,000	10,500	155,000	2,000	105,000	2,500	149,000	4,000
Aerospace, aeronautical, and astronautical engineering	171,000	3,000	182,000	10,000	155,000	10,500	180,000	4,000	D	D	166,000	10,000	124,000	19,000	195,000	71,500
Chemical engineering	159,000	4,500	164,000	11,000	153,000	10,000	189,000	8,500	137,000	13,000	149,000	5,000	97,000	6,000	146,000	10,500
Civil engineering	130,000	2,000	145,000	6,000	130,000	7,000	159,000	10,000	140,000	14,500	119,000	2,000	101,000	6,500	117,000	21,500
Electrical and computer engineering	181,000	3,500	186,000	7,500	180,000	6,500	205,000	12,000	196,000	10,000	181,000	4,000	109,000	3,500	162,000	19,000
Mechanical engineering	150,000	3,000	150,000	8,000	153,000	10,000	180,000	5,500	163,000	49,500	148,000	5,000	102,000	5,000	144,000	20,500
Metallurgical and materials engineering	154,000	4,000	160,000	13,000	150,000	5,000	190,000	7,500	144,000	16,000	148,000	1,500	82,000	13,000	149,000	1,500
Other engineering	150,000	3,000	158,000	6,500	150,000	10,500	182,000	4,500	189,000	17,000	150,000	4,000	105,000	5,500	147,000	7,000
Health	125,000	2,500	140,000	17,500	143,000	23,000	160,000	8,000	139,000	7,500	128,000	3,500	94,000	4,000	128,000	11,500

D = suppressed to avoid disclosure of confidential information.

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?" 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.