

**TABLE 56**  
**Median annual salary of U.S. residing full-time employed doctoral scientists and engineers, by sector of employment, broad field of doctorate, ethnicity, and race: 2023**

(Dollars and SE)

Employment sector and field of study	All full-time employed		Hispanic or Latino <sup>a</sup>		Not Hispanic or Latino <sup>b</sup>									
					American Indian or Alaska Native		Asian		Black or African American		White		Other race <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 sectors	137,000	1,500	120,000	2,500	110,000	11,500	150,000	500	120,000	1,000	134,000	1,500	125,000	3,500
Science	130,000	500	115,000	3,500	99,000	12,000	142,000	4,000	116,000	3,500	127,000	1,500	119,000	2,500
Biological, agricultural, and environmental life sciences	129,000	2,000	112,000	4,000	85,000	17,000	135,000	5,000	120,000	4,500	128,000	2,500	120,000	4,500
Computer and information sciences	185,000	5,000	171,000	11,500	D	D	200,000	2,000	161,000	21,500	179,000	3,500	196,000	30,000
Mathematics and statistics	130,000	3,500	113,000	7,500	D	D	150,000	6,000	107,000	11,000	120,000	2,500	105,000	14,500
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	140,000	500	124,000	5,000	126,000	11,000	146,000	3,000	112,000	6,000	139,000	1,000	124,000	5,000
Psychology	117,000	2,500	104,000	2,500	120,000	10,500	109,000	2,500	119,000	5,500	120,000	1,000	110,000	3,000
Social sciences	116,000	2,000	114,000	3,500	90,000	10,000	126,000	3,500	105,000	5,000	115,000	2,500	110,000	8,000
Engineering	160,000	500	138,000	3,000	179,000	10,500	160,000	500	146,000	6,000	160,000	1,000	161,000	6,500
Health	125,000	2,500	115,000	5,500	109,000	32,000	130,000	3,000	111,000	7,000	127,000	4,500	140,000	22,000
4-year educational institution <sup>d</sup>	105,000	1,000	97,000	2,500	96,000	4,000	104,000	3,000	100,000	1,500	106,000	1,500	98,000	3,000
Science	100,000	1,500	95,000	2,500	85,000	8,000	100,000	2,000	99,000	2,500	103,000	1,500	97,000	3,500
Biological, agricultural, and environmental life sciences	100,000	1,000	89,000	2,500	85,000	12,500	100,000	5,000	93,000	7,500	103,000	2,000	89,000	4,000
Computer and information sciences	119,000	2,500	102,000	15,500	D	D	112,000	5,000	128,000	29,500	122,000	3,500	S	S
Mathematics and statistics	99,000	1,000	98,000	4,000	D	D	99,000	500	88,000	6,500	99,000	2,000	74,000	10,000
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	100,000	1,500	82,000	4,000	*	*	92,000	4,000	82,000	9,000	101,000	2,500	99,000	6,500
Psychology	100,000	1,500	99,000	5,000	82,000	17,000	97,000	6,500	106,000	5,500	100,000	2,500	95,000	8,000
Social sciences	102,000	2,000	103,000	4,000	85,000	15,000	107,000	3,500	100,000	2,000	101,000	2,000	99,000	10,500
Engineering	120,000	500	109,000	2,500	S	S	110,000	3,000	111,000	7,500	127,000	4,000	120,000	10,000
Health	107,000	2,500	106,000	5,000	S	S	107,000	8,000	98,000	4,000	108,000	3,000	86,000	12,500
Other educational institution <sup>e</sup>	87,000	2,000	82,000	3,500	71,000	17,000	94,000	13,500	94,000	4,000	86,000	2,500	76,000	17,000
Science	87,000	2,500	82,000	3,500	68,000	16,500	93,000	13,000	95,000	5,500	86,000	3,000	87,000	8,500
Biological, agricultural, and environmental life sciences	80,000	3,500	72,000	10,500	D	D	105,000	25,500	72,000	6,000	80,000	4,000	106,000	27,000
Computer and information sciences	79,000	9,000	D	D	D	D	S	S	S	S	84,000	15,500	D	D
Mathematics and statistics	85,000	4,500	D	D	D	D	104,000	16,500	D	D	80,000	8,500	D	D
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	79,000	2,000	78,000	4,000	D	D	76,000	4,000	92,000	14,000	78,000	3,000	S	S
Psychology	99,000	2,500	89,000	12,000	D	D	D	D	99,000	12,500	100,000	2,500	D	D
Social sciences	90,000	6,500	85,000	11,500	D	D	84,000	25,500	99,000	8,500	90,000	6,000	86,000	4,000
Engineering	75,000	14,000	75,000	11,500	D	D	113,000	29,000	75,000	16,000	73,000	15,500	D	D
Health	85,000	15,500	D	D	D	D	D	D	66,000	19,000	93,000	20,500	D	D
Private, for profit <sup>f</sup>	175,000	500	150,000	3,500	180,000	14,000	179,000	3,000	150,000	1,500	175,000	500	167,000	6,500
Science	170,000	1,500	150,000	4,000	174,000	20,500	176,000	3,000	140,000	8,000	172,000	3,000	159,000	9,500
Biological, agricultural, and environmental life sciences	168,000	4,000	149,000	3,500	D	D	165,000	5,500	145,000	8,500	170,000	2,500	168,000	9,000

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**Median annual salary of U.S. residing full-time employed doctoral scientists and engineers, by sector of employment, broad field of doctorate, ethnicity, and race: 2023**

(Dollars and SE)

Employment sector and field of study	All full-time employed		Hispanic or Latino <sup>a</sup>		Not Hispanic or Latino <sup>b</sup>									
					American Indian or Alaska Native		Asian		Black or African American		White		Other race <sup>c</sup>	
	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE
Computer and information sciences	212,000	4,000	197,000	6,500	D	D	217,000	6,500	209,000	18,000	207,000	7,000	189,000	22,500
Mathematics and statistics	189,000	7,000	185,000	16,000	D	D	198,000	5,000	151,000	8,500	183,000	7,000	149,000	21,500
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	165,000	2,000	150,000	9,500	D	D	159,000	2,500	139,000	12,000	170,000	2,000	149,000	13,500
Psychology	140,000	4,500	118,000	9,000	D	D	147,000	10,500	122,000	8,500	144,000	5,500	118,000	24,000
Social sciences	175,000	5,000	183,000	22,500	D	D	178,000	8,500	127,000	21,500	178,000	5,000	S	S
Engineering	180,000	2,000	153,000	5,500	S	S	180,000	1,000	164,000	5,500	180,000	1,000	173,000	20,500
Health	172,000	5,500	136,000	10,500	D	D	166,000	15,000	178,000	46,500	174,000	5,500	247,000	63,000
Private, nonprofit	140,000	2,000	116,000	3,000	101,000	31,500	139,000	7,500	138,000	9,000	144,000	4,000	135,000	10,500
Science	135,000	5,000	115,000	3,000	S	S	128,000	5,500	130,000	9,000	138,000	4,500	127,000	10,000
Biological, agricultural, and environmental life sciences	129,000	6,000	109,000	11,500	D	D	113,000	10,000	127,000	20,000	140,000	6,000	127,000	26,500
Computer and information sciences	159,000	5,500	D	D	D	D	156,000	21,000	D	D	169,000	12,500	D	D
Mathematics and statistics	150,000	15,500	113,000	5,500	D	D	150,000	37,000	S	S	159,000	14,000	S	S
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	155,000	3,500	147,000	19,000	D	D	149,000	5,500	144,000	24,500	159,000	5,000	162,000	54,500
Psychology	122,000	4,500	100,000	5,000	D	D	123,000	12,000	140,000	14,500	123,000	5,000	111,000	19,500
Social sciences	149,000	6,500	116,000	10,500	D	D	150,000	16,000	128,000	7,500	150,000	3,500	126,000	13,500
Engineering	160,000	3,500	135,000	13,500	D	D	154,000	12,000	169,000	35,000	162,000	3,500	149,000	39,000
Health	147,000	7,500	128,000	19,500	D	D	113,000	12,500	147,000	30,000	149,000	3,500	154,000	22,000
Federal government	145,000	1,000	136,000	5,000	140,000	10,000	150,000	2,500	135,000	4,000	147,000	2,500	130,000	5,500
Science	144,000	2,000	139,000	5,000	137,000	13,000	149,000	3,500	131,000	4,500	145,000	2,000	128,000	3,000
Biological, agricultural, and environmental life sciences	139,000	1,500	129,000	6,500	D	D	144,000	8,500	134,000	5,500	140,000	1,500	118,000	5,500
Computer and information sciences	175,000	11,000	S	S	D	D	185,000	25,500	187,000	35,500	179,000	5,500	S	S
Mathematics and statistics	155,000	8,500	S	S	D	D	164,000	24,000	D	D	154,000	9,500	D	D
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	149,000	2,000	142,000	6,000	D	D	156,000	10,000	123,000	7,500	150,000	1,500	128,000	12,000
Psychology	137,000	5,000	139,000	11,000	D	D	120,000	18,000	129,000	13,500	139,000	6,000	132,000	12,500
Social sciences	155,000	6,000	144,000	12,500	D	D	164,000	13,000	130,000	8,500	156,000	5,500	D	D
Engineering	150,000	1,000	132,000	5,500	D	D	149,000	7,500	158,000	9,500	150,000	1,500	161,000	22,500
Health	150,000	6,500	108,000	25,000	D	D	163,000	19,000	155,000	23,000	149,000	5,500	D	D
State or local government	110,000	1,500	99,000	3,000	S	S	112,000	5,500	106,000	6,500	110,000	3,000	110,000	16,000
Science	107,000	2,500	99,000	4,000	S	S	109,000	3,500	111,000	11,000	105,000	3,000	106,000	13,000
Biological, agricultural, and environmental life sciences	99,000	2,000	96,000	4,000	D	D	105,000	7,500	118,000	17,500	98,000	4,000	98,000	14,500
Computer and information sciences	130,000	41,500	D	D	D	D	D	D	D	D	D	D	D	D
Mathematics and statistics	109,000	22,000	D	D	D	D	S	S	D	D	D	D	D	D
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	114,000	9,500	93,000	8,000	D	D	110,000	14,500	D	D	120,000	12,000	D	D
Psychology	119,000	6,500	106,000	21,500	D	D	116,000	5,500	119,000	21,000	119,000	11,500	D	D

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(Dollars and SE)

Employment sector and field of study	All full-time employed		Hispanic or Latino <sup>a</sup>		Not Hispanic or Latino <sup>b</sup>										
	Median salary	SE	Median salary	SE	American Indian or Alaska Native		Asian		Black or African American		White		Other race <sup>c</sup>		
					Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	
Social sciences	104,000	5,500	105,000	18,000		D	D	106,000	10,500	91,000	25,500	102,000	5,000	99,000	23,500
Engineering	129,000	9,000	109,000	33,500		D	D	120,000	13,000	103,000	9,500	146,000	8,500	D	D
Health	105,000	12,500	D	D		D	D	106,000	20,000	79,000	21,500	130,000	23,500	D	D
Self-employed <sup>d</sup>	119,000	2,500	81,000	13,500		D	D	138,000	26,500	120,000	32,000	120,000	3,500	S	S
Science	119,000	6,500	87,000	16,000		D	D	141,000	26,500	92,000	12,500	119,000	4,000	69,000	26,500
Biological, agricultural, and environmental life sciences	116,000	9,000	S	S		D	D	156,000	28,500	S	S	110,000	14,000	D	D
Computer and information sciences	195,000	26,500	D	D		D	D	S	S	D	D	S	S	D	D
Mathematics and statistics	S	S	D	D		D	D	D	D	D	D	S	S	D	D
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	99,000	16,500	S	S		D	D	100,000	36,500	D	D	69,000	13,000	D	D
Psychology	118,000	8,000	90,000	8,500		D	D	D	D	87,000	24,000	124,000	12,000	D	D
Social sciences	98,000	7,500	S	S		D	D	S	S	D	D	109,000	11,000	D	D
Engineering	131,000	22,500	66,000	22,500		D	D	127,000	25,500	D	D	131,000	31,500	D	D
Health	133,000	22,000	D	D		D	D	D	D	S	S	148,000	31,500	D	D
Other sector <sup>h</sup>	147,000	22,000	202,000	32,500		D	D	S	S	D	D	128,000	10,500	D	D
Science	148,000	28,000	195,000	22,000		D	D	S	S	D	D	128,000	14,000	D	D
Biological, agricultural, and environmental life sciences	90,000	30,000	*	*		D	D	D	D	D	D	108,000	24,000	D	D
Computer and information sciences	D	D	D	D		D	D	D	D	D	D	D	D	D	D
Mathematics and statistics	D	D	D	D		D	D	D	D	D	D	D	D	D	D
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	S	S	D	D		D	D	D	D	D	D	S	S	D	D
Psychology	S	S	D	D		D	D	D	D	D	D	S	S	D	D
Social sciences	186,000	25,000	209,000	42,500		D	D	S	S	D	D	183,000	53,000	D	D
Engineering	D	D	D	D		D	D	D	D	D	D	D	D	D	D
Health	S	S	D	D		D	D	D	D	D	D	D	D	D	D

\* = suppressed when population estimate < 25. D = suppressed to avoid disclosure of confidential information. S = suppressed for reliability; coefficient of variation exceeds publication standards.

SE = standard error.

<sup>a</sup> Hispanic or Latino may be of any race.

<sup>b</sup> American Indian or Alaska Native, Asian, Black or African American, and White are single race.

<sup>c</sup> Other race includes individuals who reported being Native Hawaiian or Other Pacific Islander, single race, and those who reported being more than one race.

<sup>d</sup> Four-year educational institution includes 4-year colleges or universities, medical schools (including university-affiliated hospitals or medical centers), and university-affiliated research institutes.

<sup>e</sup> Other educational institution includes 2-year colleges, community colleges, technical institutes, precollege institutions, and other educational institutions.

<sup>f</sup> Private, for profit includes those self-employed in an incorporated business.

<sup>g</sup> Self-employed or business owner in a nonincorporated business.

<sup>h</sup> Other sector includes employers 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. 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.