TABLE 56

Median annual salaries of U.S. residing full-time employed doctoral scientists and engineers, by sector of employment, broad field of doctorate, ethnicity, and race: 2021

(Dollars)

Employment sector and field of study	All full-time employed		Hispanic or Latino[a]		Not Hispanic or Latino[b]									
					American Indian or Alaska Native		Asian		Black or African American		White		Other race[c]	
	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE
All sectors	122,000	1,500	108,000	3,000	107,000	11,000	132,000	3,000	103,000	2,500	120,000	500	119,000	2,000
Science	117,000	1,500	102,000	2,500	102,000	11,500	125,000	1,000	100,000	500	116,000	1,500	110,000	5,000
Biological, agricultural, and environmental life sciences	115,000	1,000	101,000	3,000	117,000	18,500	120,000	2,000	102,000	4,500	115,000	1,500	110,000	6,000
Computer and information sciences	160,000	1,000	149,000	9,000	D	D	169,000	5,500	115,000	18,000	155,000	4,500	198,000	31,000
Mathematics and statistics	113,000	4,000	96,000	5,000	*	*	129,000	4,000	92,000	10,000	109,000	2,500	107,000	28,500
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	125,000	500	109,000	5,000	116,000	15,000	125,000	4,000	100,000	6,000	125,000	2,000	117,000	9,500
Psychology	106,000	1,500	98,000	3,000	100,000	14,000	109,000	5,500	100,000	2,000	108,000	1,500	106,000	9,500
Social sciences	109,000	2,000	102,000	5,500	90,000	10,500	119,000	5,000	99,000	3,500	110,000	1,500	93,000	5,000
Engineering	145,000	1,000	125,000	3,500	149,000	11,000	145,000	2,000	120,000	1,500	150,000	2,500	149,000	7,500
Health	115,000	2,000	100,000	6,000	100,000	15,500	125,000	5,500	100,000	2,500	115,000	2,500	130,000	17,000
4-year educational institution[d]	99,000	1,000	91,000	1,500	92,000	6,000	100,000	2,000	91,000	2,000	100,000	1,000	95,000	4,500
Science	95,000	1,000	89,000	1,000	88,000	4,500	95,000	2,000	90,000	1,000	97,000	1,000	93,000	4,500
Biological, agricultural, and environmental life sciences	94,000	2,000	85,000	4,000	89,000	25,000	90,000	3,000	90,000	3,500	96,000	2,000	89,000	8,500
Computer and information sciences	110,000	2,500	104,000	16,000	D	D	100,000	6,500	95,000	5,000	113,000	4,500	198,000	49,000
Mathematics and statistics	92,000	2,500	86,000	3,500	D	D	92,000	5,000	80,000	9,000	94,000	2,500	83,000	15,000
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	91,000	2,000	84,000	2,500	D	D	88,000	5,000	73,000	7,500	93,000	2,000	95,000	12,000
Psychology	95,000	2,000	89,000	3,500	D	D	95,000	4,000	92,000	6,000	97,000	2,000	92,000	5,500
Social sciences	98,000	2,000	95,000	1,500	84,000	10,500	100,000	2,000	92,000	3,000	99,000	2,000	86,000	5,000
Engineering	109,000	1,500	99,000	2,500	D	D	105,000	3,500	103,000	4,000	112,000	3,000	114,000	13,000
Health	100,000	1,000	86,000	5,000	D	D	98,000	9,000	90,000	4,000	100,000	3,000	101,000	18,000
Other educational institution[e]	79,000	500	77,000	5,500	65,000	26,000	79,000	6,000	88,000	5,500	79,000	1,000	75,000	7,500

TABLE 56

Median annual salaries of U.S. residing full-time employed doctoral scientists and engineers, by sector of employment, broad field of doctorate, ethnicity, and race: 2021

(Dollars)

Employment sector and field of study	All full-time employed		Hispanic or Latino[a]		Not Hispanic or Latino[b]									
					American Indian or Alaska Native		Asian		Black or African American		White		Other race[c]	
	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE
Science	79,000	1,000	77,000	5,500	65,000	26,000	79,000	6,500	89,000	5,500	79,000	1,000	73,000	3,000
Biological, agricultural, and environmental life sciences	73,000	3,000	65,000	7,000	D	D	76,000	21,000	68,000	6,000	73,000	3,500	85,000	8,500
Computer and information sciences	78,000	3,500	D	D	D	D	D	D	S	S	78,000	5,500	D	D
Mathematics and statistics	79,000	3,500	74,000	13,500	D	D	89,000	8,000	D	D	76,000	3,500	D	D
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	72,000	3,500	64,000	12,500	D	D	67,000	7,000	98,000	24,000	74,000	3,500	D	D
Psychology	90,000	1,500	93,000	6,500	S	S	84,000	22,500	92,000	8,000	89,000	2,500	D	D
Social sciences	85,000	5,000	77,000	9,500	D	D	100,000	7,000	89,000	3,500	80,000	4,500	73,000	4,500
Engineering	70,000	13,000	86,000	18,000	D	D	84,000	40,500	71,000	8,000	66,000	5,000	D	D
Health	103,000	9,000	68,000	12,000	D	D	D	D	77,000	11,000	111,000	12,000	D	D
Private, for profit[f]	156,000	1,500	142,000	5,000	122,000	29,000	155,000	2,000	129,000	4,000	160,000	1,000	150,000	3,500
Science	154,000	2,500	139,000	5,500	120,000	17,500	155,000	4,000	129,000	5,000	155,000	1,500	139,000	9,000
Biological, agricultural, and environmental life sciences	150,000	500	128,000	5,000	D	D	149,000	3,500	126,000	7,500	150,000	4,000	139,000	5,500
Computer and information sciences	190,000	3,000	186,000	22,500	D	D	193,000	6,500	186,000	13,500	189,000	8,000	224,000	69,000
Mathematics and statistics	170,000	5,500	154,000	9,000	D	D	166,000	7,000	132,000	4,500	174,000	5,500	S	S
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	150,000	500	139,000	8,500	121,000	18,000	149,000	5,500	129,000	7,000	153,000	4,000	149,000	17,000
Psychology	125,000	4,000	113,000	11,000	D	D	140,000	12,000	100,000	9,000	126,000	4,500	101,000	16,500
Social sciences	171,000	4,500	181,000	13,500	D	D	164,000	16,500	132,000	23,000	174,000	6,500	146,000	35,000
Engineering	160,000	500	149,000	3,000	188,000	69,500	155,000	3,000	132,000	7,000	165,000	1,500	160,000	6,500
Health	150,000	6,000	134,000	31,000	D	D	153,000	8,000	114,000	7,000	150,000	5,500	156,000	13,000
Private, nonprofit	125,000	2,000	100,000	5,000	127,000	20,000	120,000	3,500	122,000	9,500	129,000	3,000	118,000	17,000
Science	120,000	1,500	96,000	3,000	S	S	109,000	6,500	122,000	14,000	124,000	4,000	119,000	14,500

TABLE 56

Median annual salaries of U.S. residing full-time employed doctoral scientists and engineers, by sector of employment, broad field of doctorate, ethnicity, and race: 2021

(Dollars)

Employment sector and field of study	All full-time employed		Hispanic or Latino[a]		Not Hispanic or Latino[b]									
					American Indian or Alaska Native		Asian		Black or African American		White		Other race[c]	
	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE
Biological, agricultural, and environmental life sciences	118,000	5,500	91,000	8,500	D	D	98,000	10,500	145,000	30,500	122,000	4,500	100,000	30,500
Computer and information sciences	125,000	8,500	*	*	D	D	103,000	9,000	D	D	131,000	5,500	D	D
Mathematics and statistics	147,000	24,500	D	D	D	D	87,000	32,500	S	S	173,000	22,500	S	S
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	138,000	5,500	95,000	33,000	D	D	116,000	17,000	135,000	37,000	143,000	6,500	104,000	27,500
Psychology	109,000	1,000	95,000	5,000	D	D	103,000	9,500	101,000	17,500	110,000	3,000	115,000	21,500
Social sciences	131,000	4,500	97,000	4,000	D	D	187,000	21,500	116,000	15,000	131,000	5,000	120,000	13,500
Engineering	142,000	4,500	134,000	4,500	S	S	140,000	5,000	128,000	2,500	148,000	7,000	84,000	29,500
Health	137,000	8,500	140,000	27,000	D	D	112,000	17,500	102,000	23,500	144,000	4,500	D	D
Federal government	131,000	2,500	119,000	1,500	131,000	10,500	135,000	5,500	120,000	3,500	134,000	2,000	120,000	7,000
Science	130,000	500	119,000	2,000	118,000	13,500	135,000	7,000	114,000	4,500	130,000	2,500	114,000	7,500
Biological, agricultural, and environmental life sciences	125,000	2,000	114,000	9,500	*	*	125,000	7,000	114,000	6,000	128,000	3,500	108,000	10,500
Computer and information sciences	150,000	10,000	D	D	D	D	173,000	24,000	141,000	9,000	147,000	15,500	D	D
Mathematics and statistics	135,000	8,000	S	S	D	D	S	S	D	D	139,000	8,500	D	D
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	142,000	5,000	113,000	10,000	D	D	151,000	11,500	116,000	10,500	144,000	5,000	111,000	12,000
Psychology	118,000	3,000	112,000	6,000	D	D	141,000	14,000	103,000	3,500	116,000	3,000	124,000	10,500
Social sciences	143,000	4,500	129,000	15,000	D	D	148,000	19,000	115,000	20,000	144,000	4,500	S	S
Engineering	139,000	2,000	124,000	3,500	D	D	135,000	9,000	142,000	4,000	140,000	2,500	135,000	8,000
Health	139,000	5,500	93,000	23,000	D	D	131,000	16,500	128,000	14,500	139,000	5,500	D	D
State or local government	105,000	3,000	93,000	5,000	S	S	105,000	5,500	93,000	7,000	105,000	2,000	111,000	20,000
Science	100,000	4,000	89,000	6,000	D	D	104,000	8,500	91,000	5,500	104,000	4,000	92,000	16,000

TABLE 56

Median annual salaries of U.S. residing full-time employed doctoral scientists and engineers, by sector of employment, broad field of doctorate, ethnicity, and race: 2021

(Dollars)

Employment sector and field of study	All full-time employed		Hispanic or Latino[a]		Not Hispanic or Latino[b]									
					American Indian or Alaska Native		Asian		Black or African American		White		Other race[c]	
	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE
Biological, agricultural, and environmental life sciences	95,000	4,500	87,000	10,000	D	D	95,000	11,500	106,000	19,000	94,000	5,000	81,000	20,500
Computer and information sciences	147,000	10,000	D	D	D	D	S	S	D	D	S	S	D	D
Mathematics and statistics	111,000	11,500	D	D	D	D	D	D	D	D	D	D	D	D
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	106,000	8,500	85,000	5,000	D	D	97,000	4,500	103,000	10,000	115,000	15,500	90,000	31,500
Psychology	104,000	3,000	96,000	11,000	D	D	105,000	10,500	87,000	9,500	105,000	4,000	D	D
Social sciences	94,000	4,000	95,000	20,000	D	D	103,000	10,000	88,000	8,000	94,000	5,000	D	D
Engineering	110,000	10,500	115,000	29,500	D	D	100,000	9,000	99,000	17,500	136,000	19,500	D	D
Health	115,000	8,500	D	D	D	D	135,000	17,500	109,000	20,000	110,000	9,500	D	D
Self-employed[g]	109,000	9,500	79,000	11,000	D	D	118,000	19,500	89,000	26,500	115,000	7,000	113,000	17,500
Science	118,000	10,000	74,000	11,500	D	D	129,000	18,500	93,000	27,000	116,000	5,500	110,000	17,500
Biological, agricultural, and environmental life sciences	88,000	13,500	55,000	13,000	D	D	S	S	S	S	89,000	12,500	S	S
Computer and information sciences	S	S	D	D	D	D	D	D	D	D	S	S	D	D
Mathematics and statistics	143,000	32,000	D	D	D	D	S	S	D	D	S	S	D	D
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	94,000	33,500	110,000	34,500	D	D	126,000	14,000	D	D	S	S	D	D
Psychology	121,000	5,000	90,000	12,000	D	D	D	D	100,000	32,000	123,000	5,500	D	D
Social sciences	79,000	18,000	S	S	D	D	S	S	S	S	95,000	19,000	D	D
Engineering	96,000	4,500	139,000	40,500	D	D	100,000	18,500	D	D	93,000	5,500	D	D
Health	93,000	24,000	D	D	D	D	D	D	S	S	108,000	44,500	D	D
Other sector[h]	140,000	7,000	159,000	18,500	D	D	135,000	11,500	120,000	25,500	140,000	7,500	159,000	47,500
Science	130,000	8,500	167,000	29,000	D	D	129,000	9,000	116,000	29,500	128,000	11,000	158,000	50,500

TABLE 56

Median annual salaries of U.S. residing full-time employed doctoral scientists and engineers, by sector of employment, broad field of doctorate, ethnicity, and race: 2021

(Dollars)

Employment sector and field of study	All full-time employed		Hispanic or Latino[a]		Not Hispanic or Latino[b]									
					American Indian or Alaska Native		Asian		Black or African American		White		Other race[c]	
	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE
Biological, agricultural, and environmental life sciences	98,000	14,000	D	D	D	D	122,000	25,500	77,000	15,000	91,000	14,000	S	S
Computer and information sciences	S	S	D	D	D	D	S	S	D	D	D	D	D	D
Mathematics and statistics	155,000	62,500	D	D	D	D	D	D	D	D	D	D	D	D
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	121,000	8,000	*	*	D	D	88,000	24,500	D	D	123,000	26,500	D	D
Psychology	96,000	19,500	D	D	D	D	D	D	D	D	77,000	17,500	D	D
Social sciences	175,000	22,500	195,000	8,500	D	D	145,000	46,000	D	D	188,000	29,500	D	D
Engineering	148,000	5,500	146,000	17,000	D	D	144,000	9,500	S	S	149,000	5,000	D	D
Health	115,000	12,500	D	D	D	D	D	D	S	S	109,000	19,000	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.

[a] Hispanic or Latino may be of any race.

[b] American Indian or Alaska Native, Asian, Black or African American, and White are single race.

[c] Other race includes Native Hawaiian or Other Pacific Islander and persons reporting more than one race who are not of Hispanic or Latino ethnicity.

[d] Includes 4-year colleges or universities, medical schools (including university-affiliated hospitals or medical centers), and university-affiliated research institutes.

[e] Includes 2-year colleges, community colleges, or technical institutes, and other precollege institutions.

[f] Includes those self-employed in an incorporated business.

[g] Self-employed or business owner in a nonincorporated business.

[h] Includes employers 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. Residence location is based on reported living location on 1 February 2021.

Source(s):
National Center for Science and Engineering Statistics, Survey of Doctorate Recipients, 2021.