TABLE 50

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

(Dollars)

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]					
	Total		Male		Female		Total		Male		Female		Total		Male		Female		Total		Male		Female		Total		Male		Female		Total		Male		Female		Total		Male		Female	
	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	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	122,000	1,500	132,000	2,000	108,000	1,000	108,000	3,000	117,000	4,000	98,000	2,500	107,000	11,000	127,000	6,500	91,000	6,500	132,000	3,000	140,000	500	120,000	500	103,000	2,500	106,000	3,000	100,000	1,000	120,000	500	132,000	2,500	105,000	1,500	119,000	2,000	128,000	4,500	103,000	4,500
Science	117,000	1,500	125,000	500	105,000	1,000	102,000	2,500	111,000	3,500	95,000	2,500	102,000	11,500	123,000	11,000	88,000	5,000	125,000	1,000	130,000	2,500	120,000	4,500	100,000	500	103,000	3,000	100,000	3,000	116,000	1,500	125,000	1,500	103,000	1,500	110,000	5,000	120,000	4,500	100,000	2,000
Biological, agricultural, and environmental life sciences	115,000	1,000	120,000	1,500	106,000	2,000	101,000	3,000	110,000	4,500	95,000	4,000	117,000	18,500	127,000	9,500	82,000	14,500	120,000	2,000	119,000	1,000	115,000	6,500	102,000	4,500	109,000	5,500	98,000	3,500	115,000	1,500	124,000	2,000	105,000	1,500	110,000	6,000	109,000	7,000	113,000	8,000
Agricultural and food sciences	109,000	2,000	113,000	6,000	98,000	2,500	108,000	6,500	119,000	10,000	90,000	7,500	D	D	D	D	D	D	96,000	5,000	99,000	3,500	93,000	1,500	95,000	5,000	95,000	3,500	104,000	16,500	114,000	5,500	120,000	4,000	101,000	3,500	108,000	7,000	104,000	4,500	89,000	21,500
Biochemistry and biophysics	122,000	4,000	127,000	5,000	114,000	6,500	111,000	9,000	119,000	15,500	100,000	16,500	D	D	D	D	D	D	124,000	6,500	120,000	5,000	129,000	9,000	104,000	21,000	106,000	19,000	97,000	48,500	123,000	5,000	133,000	7,000	106,000	4,500	135,000	15,000	135,000	13,000	130,000	29,000
Cell, cellular biology, and molecular biology	120,000	4,500	126,000	6,000	112,000	3,500	115,000	10,500	124,000	5,500	98,000	5,000	D	D	D	D	D	D	111,000	6,000	109,000	10,000	111,000	8,000	117,000	11,500	115,000	23,500	113,000	18,000	124,000	6,000	138,000	8,000	112,000	4,500	120,000	8,500	127,000	27,000	118,000	5,500
Microbiological sciences and immunology	124,000	4,000	139,000	5,500	112,000	5,000	112,000	11,500	123,000	17,000	100,000	10,000	D	D	D	D	D	D	129,000	8,000	142,000	8,500	118,000	10,000	114,000	6,500	132,000	18,500	98,000	13,500	124,000	4,500	139,000	6,000	112,000	6,500	113,000	13,500	108,000	28,000	112,000	7,000
Natural resources and conservation	96,000	2,500	100,000	3,500	88,000	2,000	90,000	6,500	94,000	7,500	85,000	9,000	93,000	18,000	*	*	*	*	91,000	4,500	96,000	5,500	88,000	4,500	87,000	7,500	87,000	11,000	84,000	10,000	100,000	2,500	104,000	2,500	88,000	2,500	98,000	4,500	99,000	15,500	68,000	13,000
Zoology	98,000	4,500	104,000	4,000	80,000	5,000	88,000	11,000	80,000	17,500	93,000	11,500	D	D	D	D	D	D	90,000	14,000	107,000	15,000	64,000	11,500	100,000	9,000	111,000	13,000	D	D	99,000	4,000	104,000	4,000	80,000	4,000	60,000	5,000	D	D	D	D
Other biological sciences	114,000	2,000	120,000	2,500	105,000	1,500	95,000	3,500	100,000	5,000	90,000	2,500	128,000	23,000	D	D	S	S	120,000	3,500	124,000	6,500	120,000	1,500	98,000	4,000	106,000	11,500	97,000	5,500	113,000	2,500	121,000	4,000	105,000	2,000	100,000	12,000	102,000	15,500	100,000	15,000
Computer and information sciences	160,000	1,000	165,000	4,500	130,000	10,500	149,000	9,000	149,000	11,500	146,000	18,500	D	D	D	D	D	D	169,000	5,500	180,000	5,000	138,000	15,500	115,000	18,000	113,000	29,000	116,000	13,500	155,000	4,500	159,000	2,500	129,000	10,000	198,000	31,000	199,000	22,500	92,000	10,500
Mathematics and statistics	113,000	4,000	116,000	5,500	105,000	4,500	96,000	5,000	97,000	6,000	92,000	13,500	*	*	D	D	D	D	129,000	4,000	129,000	6,500	128,000	12,500	92,000	10,000	85,000	15,500	96,000	8,500	109,000	2,500	113,000	5,000	97,000	4,000	107,000	28,500	107,000	34,500	113,000	35,000
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	125,000	500	130,000	1,500	108,000	2,000	109,000	5,000	120,000	4,000	87,000	3,500	116,000	15,000	115,000	21,000	*	*	125,000	4,000	132,000	5,500	119,000	4,000	100,000	6,000	103,000	9,500	100,000	4,500	125,000	2,000	131,000	3,000	106,000	2,500	117,000	9,500	131,000	16,000	99,000	3,500
Astronomy and astrophysics	120,000	3,500	120,000	6,500	99,000	3,500	127,000	15,000	123,000	6,500	92,000	13,000	D	D	D	D	D	D	112,000	9,500	118,000	13,500	79,000	11,500	101,000	36,000	*	*	D	D	120,000	5,500	121,000	7,500	100,000	16,500	118,000	21,000	118,000	14,500	D	D
Chemistry, except biochemistry	123,000	3,000	129,000	1,500	108,000	2,500	107,000	4,500	117,000	7,000	87,000	5,500	D	D	S	S	D	D	120,000	4,000	129,000	4,500	111,000	7,500	97,000	4,500	93,000	6,000	99,000	4,500	125,000	4,000	131,000	4,000	110,000	3,500	111,000	15,500	149,000	20,500	96,000	4,000

TABLE 50

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

(Dollars)

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					
	Total		Male		Female		Total		Male		Female		Total		Male		Female		Total		Male		Female		Total		Male		Female		Total		Male		Female	
	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE
Geosciences, atmospheric sciences, and ocean sciences	107,000	3,000	112,000	4,000	95,000	3,500	90,000	5,000	99,000	4,000	76,000	4,000	*	*	*	*	D	D	120,000	4,000	120,000	8,500	110,000	13,000	91,000	4,500	95,000	7,000	64,000	19,000	107,000	2,500	110,000	4,000	94,000	3,500	96,000	7,000	107,000	3,500	82,000	9,000
Physics	140,000	1,500	143,000	4,500	125,000	6,000	130,000	13,500	130,000	12,500	147,000	66,000	D	D	D	D	D	D	140,000	3,000	139,000	3,000	141,000	10,500	128,000	16,000	140,000	16,500	109,000	5,500	140,000	4,000	146,000	5,000	109,000	7,500	141,000	17,500	134,000	31,500	142,000	21,500
Psychology	106,000	1,500	114,000	2,500	101,000	1,500	98,000	3,000	96,000	3,000	100,000	2,500	100,000	14,000	D	D	98,000	18,500	109,000	5,500	104,000	3,500	110,000	3,500	100,000	2,000	124,000	17,500	95,000	5,500	108,000	1,500	116,000	2,500	103,000	2,500	106,000	9,500	117,000	18,500	101,000	7,000
Social sciences	109,000	2,000	119,000	2,000	100,000	1,000	102,000	5,500	120,000	7,500	95,000	1,000	90,000	10,500	119,000	37,000	82,000	7,000	119,000	5,000	120,000	5,000	114,000	8,000	99,000	3,500	99,000	4,500	99,000	4,500	110,000	1,500	119,000	1,500	98,000	3,000	93,000	5,000	105,000	11,000	88,000	5,000
Economics	149,000	3,000	151,000	6,000	140,000	5,500	149,000	11,500	169,000	19,000	119,000	4,000	D	D	D	D	D	D	148,000	7,000	148,000	14,000	145,000	9,000	108,000	12,000	104,000	8,000	130,000	13,500	150,000	4,000	159,000	7,000	135,000	7,000	124,000	29,000	119,000	9,500	160,000	4,500
Political science and government	108,000	3,000	110,000	4,500	105,000	5,000	103,000	10,000	130,000	31,000	95,000	3,500	D	D	D	D	D	D	100,000	8,000	97,000	11,500	106,000	11,500	100,000	3,000	99,000	4,500	100,000	6,500	109,000	2,500	110,000	6,000	109,000	2,500	107,000	15,500	130,000	54,500	93,000	5,000
Sociology, demography, and population studies	96,000	3,500	100,000	6,000	95,000	2,000	103,000	7,500	102,000	6,500	96,000	6,500	D	D	D	D	D	D	90,000	7,500	90,000	28,000	90,000	7,500	90,000	5,500	89,000	8,000	90,000	12,500	98,000	3,500	104,000	7,000	95,000	2,500	78,000	4,500	D	D	83,000	6,500
Other social sciences	92,000	1,500	97,000	2,000	90,000	2,000	80,000	3,000	85,000	5,000	78,000	3,500	75,000	8,000	D	D	81,000	6,000	99,000	2,500	96,000	3,500	99,000	1,000	91,000	4,000	90,000	5,000	93,000	5,500	93,000	2,000	100,000	2,500	89,000	2,000	80,000	2,500	80,000	5,500	81,000	2,500
Engineering	145,000	1,000	150,000	500	130,000	500	125,000	3,500	125,000	4,000	125,000	4,500	149,000	11,000	149,000	6,500	D	D	145,000	2,000	149,000	1,500	130,000	1,500	120,000	1,500	120,000	4,000	120,000	7,500	150,000	2,500	150,000	500	130,000	3,000	149,000	7,500	150,000	9,500	126,000	11,500
Aerospace, aeronautical, and astronautical engineering	149,000	1,000	149,000	2,500	145,000	8,000	139,000	9,500	142,000	14,000	121,000	12,000	D	D	D	D	D	D	148,000	9,500	148,000	9,500	141,000	34,500	104,000	11,000	97,000	39,000	104,000	4,000	150,000	4,500	150,000	6,500	149,000	5,000	152,000	43,500	159,000	40,000	D	D
Chemical engineering	141,000	5,000	149,000	6,000	132,000	5,500	129,000	6,500	123,000	6,500	146,000	11,500	D	D	D	D	D	D	139,000	2,000	140,000	9,500	120,000	7,000	128,000	8,000	128,000	10,500	113,000	36,500	150,000	4,000	154,000	6,000	138,000	6,000	101,000	34,000	101,000	42,500	D	D
Civil engineering	120,000	1,000	121,000	4,500	105,000	5,500	111,000	11,500	110,000	12,500	113,000	17,000	D	D	D	D	D	D	119,000	5,500	123,000	5,000	100,000	2,000	105,000	6,500	105,000	7,000	102,000	14,000	120,000	5,000	125,000	5,000	109,000	6,500	113,000	22,500	126,000	24,000	S	S
Electrical and computer engineering	160,000	2,000	163,000	4,000	150,000	3,500	147,000	5,500	148,000	5,500	130,000	32,000	D	D	D	D	D	D	160,000	4,500	164,000	5,000	150,000	4,000	142,000	12,500	147,000	11,000	126,000	8,000	160,000	3,500	161,000	5,000	150,000	8,500	160,000	9,500	159,000	13,000	S	S
Mechanical engineering	132,000	4,500	135,000	4,000	120,000	4,000	117,000	8,000	111,000	7,000	130,000	13,000	D	D	D	D	D	D	130,000	4,000	132,000	4,500	123,000	13,500	108,000	6,500	104,000	8,000	D	D	137,000	7,500	143,000	7,000	119,000	5,500	176,000	34,500	184,000	22,000	D	D
Metallurgical and materials engineering	144,000	3,500	149,000	4,000	128,000	4,000	118,000	12,500	112,000	15,500	129,000	12,000	D	D	D	D	D	D	148,000	8,000	149,000	2,000	125,000	7,500	127,000	15,500	130,000	15,000	114,000	27,500	145,000	4,000	148,000	3,500	129,000	7,500	131,000	9,500	136,000	5,000	114,000	25,500
Other engineering	138,000	3,500	142,000	4,000	125,000	5,000	123,000	5,500	124,000	5,500	115,000	8,500	142,000	27,000	D	D	D	D	135,000	4,000	139,000	3,000	129,000	5,000	118,000	5,000	119,000	7,000	115,000	11,500	143,000	4,500	149,000	3,500	128,000	8,000	134,000	12,000	145,000	13,500	119,000	26,500
Health	115,000	2,000	129,000	3,500	110,000	1,000	100,000	6,000	108,000	12,000	96,000	4,500	100,000	15,500	D	D	D	D	125,000	5,500	130,000	10,500	119,000	4,500	100,000	2,500	91,000	8,500	102,000	2,500	115,000	2,500	129,000	4,000	109,000	2,000	130,000	17,000	125,000	24,000	135,000	22,000

* = 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.

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.