

TABLE 74

Median annual salaries of U.S. residing full-time employed doctoral scientists and engineers, by employer location and broad occupation: 2019

(Dollars)

Employer location	All full-time employed		Science occupations														Engineering occupations		S&E-related occupations		Non-S&E occupations	
			Total		Biological, agricultural, and other life scientist		Computer and information scientist		Mathematical scientist		Physical scientist		Psychologist		Social scientist							
	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 locations	119,000	1,000	106,000	1,500	100,000	500	149,000	2,000	114,000	2,500	102,000	2,500	100,000	500	99,000	1,500	130,000	500	130,000	500	138,000	3,500
New England	126,000	3,500	118,000	2,500	111,000	4,000	148,000	5,500	124,000	8,000	109,000	5,500	108,000	5,500	114,000	8,000	142,000	4,000	138,000	9,500	150,000	6,000
Connecticut	120,000	5,000	109,000	6,000	109,000	7,000	143,000	18,000	136,000	17,500	97,000	2,000	104,000	8,500	116,000	9,000	140,000	7,000	110,000	13,500	148,000	12,500
Maine	85,000	6,500	80,000	5,500	81,000	14,000	D	D	D	D	91,000	15,500	95,000	10,000	65,000	7,000	D	D	116,000	15,500	93,000	12,500
Massachusetts	133,000	3,000	124,000	3,500	117,000	3,500	149,000	2,000	129,000	7,000	117,000	6,000	112,000	7,000	124,000	6,500	146,000	5,500	146,000	5,500	160,000	7,500
New Hampshire	119,000	12,000	98,000	9,000	81,000	8,500	154,000	33,000	S	S	124,000	13,500	103,000	21,000	73,000	4,000	126,000	14,000	121,000	24,000	132,000	11,500
Rhode Island	106,000	4,000	104,000	3,500	96,000	13,500	D	D	102,000	14,000	105,000	8,000	106,000	10,500	112,000	24,000	126,000	23,000	109,000	12,500	119,000	18,000
Vermont	104,000	4,000	89,000	7,500	73,000	22,500	D	D	101,000	10,000	68,000	12,000	128,000	42,000	89,000	5,000	133,000	14,500	186,000	32,500	104,000	12,000
Middle Atlantic	122,000	3,000	115,000	2,500	109,000	2,500	149,000	3,000	138,000	6,500	108,000	6,000	100,000	1,500	103,000	4,000	125,000	1,500	138,000	5,500	149,000	2,000
New Jersey	136,000	4,500	130,000	4,500	132,000	9,500	149,000	5,500	144,000	14,000	129,000	9,500	99,000	10,500	105,000	12,000	137,000	8,500	145,000	14,000	156,000	7,000
New York	125,000	3,500	114,000	3,500	100,000	4,000	160,000	11,000	151,000	11,000	102,000	8,000	104,000	3,000	104,000	5,000	123,000	4,000	139,000	7,000	149,000	6,500
Pennsylvania	110,000	3,500	104,000	2,500	107,000	4,500	118,000	10,500	119,000	4,000	100,000	2,000	94,000	4,000	101,000	4,000	120,000	2,500	125,000	11,500	144,000	11,000
East North Central	105,000	1,500	98,000	2,000	95,000	2,000	122,000	4,000	97,000	5,000	94,000	3,000	98,000	3,000	90,000	4,500	119,000	1,500	119,000	3,000	125,000	4,000
Illinois	115,000	4,500	101,000	4,000	105,000	5,000	125,000	6,500	104,000	11,500	96,000	7,500	96,000	4,500	94,000	3,500	124,000	3,500	130,000	16,500	141,000	9,000
Indiana	99,000	3,000	91,000	2,500	96,000	8,000	100,000	6,000	92,000	3,000	88,000	11,500	80,000	6,000	83,000	4,500	105,000	10,000	110,000	8,000	123,000	12,500
Michigan	109,000	2,500	100,000	1,500	90,000	6,500	124,000	4,500	100,000	16,500	100,000	6,500	100,000	5,000	90,000	4,500	119,000	1,500	113,000	5,000	122,000	9,500
Ohio	105,000	3,000	98,000	3,500	95,000	5,500	123,000	19,000	98,000	9,000	95,000	4,500	98,000	3,000	86,000	9,500	119,000	5,000	129,000	7,000	105,000	6,000
Wisconsin	97,000	3,500	90,000	4,000	89,000	5,500	114,000	12,500	71,000	20,500	88,000	7,000	97,000	13,500	74,000	4,000	109,000	5,000	99,000	8,500	120,000	12,500
West North Central	100,000	1,000	92,000	2,000	90,000	3,500	110,000	5,000	93,000	4,500	83,000	3,500	93,000	3,500	85,000	4,500	118,000	7,000	120,000	6,000	109,000	9,500
Iowa	92,000	4,000	86,000	5,000	90,000	5,000	111,000	6,500	92,000	9,000	68,000	13,500	89,000	4,500	81,000	3,000	127,000	18,000	115,000	10,000	94,000	10,500
Kansas	97,000	2,500	88,000	7,500	94,000	8,000	99,000	17,000	82,000	26,500	79,000	1,500	85,000	9,000	82,000	8,500	98,000	2,000	118,000	18,000	105,000	17,000
Minnesota	110,000	3,000	100,000	2,500	95,000	5,500	129,000	13,500	97,000	6,500	106,000	10,500	101,000	5,000	90,000	3,000	120,000	5,500	123,000	15,500	125,000	14,000
Missouri	98,000	3,500	91,000	4,000	93,000	8,000	104,000	4,000	93,000	15,500	82,000	8,000	85,000	6,500	81,000	7,000	111,000	19,500	106,000	17,500	110,000	15,000
Nebraska	96,000	3,500	85,000	4,500	82,000	7,500	D	D	69,000	7,500	85,000	4,000	90,000	4,500	79,000	14,000	98,000	2,000	140,000	20,500	95,000	7,000
North Dakota	83,000	7,000	77,000	3,500	75,000	6,500	D	D	D	D	69,000	12,000	D	D	87,000	13,000	89,000	33,500	91,000	17,000	128,000	13,500
South Dakota	85,000	6,000	84,000	6,000	86,000	9,500	D	D	D	D	59,000	12,500	D	D	D	D	84,000	1,000	102,000	49,000	95,000	26,000
South Atlantic	115,000	2,000	106,000	2,000	103,000	2,000	124,000	4,000	114,000	4,500	102,000	3,000	95,000	1,500	109,000	2,500	120,000	1,000	120,000	3,000	135,000	4,500
Delaware	131,000	4,000	123,000	6,500	120,000	7,000	D	D	159,000	12,500	136,000	5,500	93,000	1,500	94,000	11,000	135,000	4,000	109,000	29,500	153,000	9,500
District of Columbia	139,000	2,500	134,000	3,500	119,000	3,500	134,000	12,000	130,000	13,500	121,000	10,000	100,000	6,500	145,000	6,000	125,000	5,000	120,000	14,500	159,000	3,500

TABLE 74

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(Dollars)

Employer location	All full-time employed		Science occupations														Engineering occupations		S&E-related occupations		Non-S&E occupations	
			Total		Biological, agricultural, and other life scientist		Computer and information scientist		Mathematical scientist		Physical scientist		Psychologist		Social scientist							
	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
Florida	100,000	1,500	90,000	2,500	82,000	3,000	108,000	15,500	93,000	8,000	85,000	5,500	97,000	5,000	100,000	8,000	109,000	2,000	105,000	5,000	110,000	11,000
Georgia	101,000	2,000	94,000	2,500	94,000	6,500	118,000	8,500	93,000	6,500	89,000	7,500	95,000	6,500	81,000	6,500	112,000	9,000	113,000	5,500	121,000	10,500
Maryland	125,000	1,000	120,000	500	120,000	3,000	129,000	7,000	130,000	3,500	125,000	4,500	108,000	8,500	112,000	9,500	134,000	4,000	132,000	6,000	139,000	8,500
North Carolina	109,000	2,500	100,000	1,500	104,000	7,000	128,000	6,500	110,000	6,000	80,000	5,500	93,000	5,500	94,000	6,500	119,000	2,000	138,000	13,500	126,000	3,500
South Carolina	94,000	3,500	86,000	5,500	83,000	7,000	101,000	3,500	95,000	10,000	93,000	6,500	72,000	3,500	80,000	5,000	100,000	7,500	108,000	16,500	121,000	21,500
Virginia	120,000	2,500	110,000	4,500	99,000	10,500	129,000	7,000	134,000	8,500	100,000	3,500	94,000	5,000	104,000	4,500	120,000	8,500	110,000	11,500	139,000	7,000
West Virginia	87,000	10,500	80,000	5,500	81,000	14,500	D	D	D	D	S	S	D	D	81,000	12,000	91,000	11,500	123,000	30,000	S	S
East South Central	98,000	2,500	88,000	3,000	89,000	4,000	99,000	7,500	79,000	6,500	96,000	6,500	88,000	7,500	71,000	3,000	116,000	5,000	110,000	9,500	119,000	4,000
Alabama	101,000	5,000	90,000	3,500	88,000	5,500	109,000	17,000	69,000	5,000	107,000	12,000	79,000	13,000	70,000	5,500	109,000	14,000	109,000	13,000	137,000	11,500
Kentucky	94,000	5,000	80,000	5,500	91,000	15,000	105,000	26,500	76,000	10,000	68,000	16,000	87,000	9,500	69,000	5,000	102,000	5,000	113,000	16,500	110,000	7,000
Mississippi	91,000	4,500	83,000	7,000	90,000	14,000	68,000	33,500	D	D	93,000	9,000	64,000	7,500	75,000	12,500	125,000	21,500	89,000	10,500	92,000	7,000
Tennessee	100,000	1,000	90,000	3,000	87,000	5,500	89,000	10,000	80,000	9,500	99,000	5,500	98,000	2,500	76,000	8,500	128,000	10,000	120,000	14,000	117,000	13,000
West South Central	109,000	2,500	95,000	1,000	84,000	2,500	128,000	6,500	96,000	2,500	101,000	6,000	97,000	4,000	82,000	4,500	130,000	4,500	118,000	6,000	123,000	5,000
Arkansas	88,000	5,000	79,000	4,500	79,000	4,500	D	D	D	D	68,000	11,000	88,000	32,500	68,000	9,000	104,000	23,000	125,000	33,000	108,000	37,000
Louisiana	85,000	3,500	83,000	4,000	88,000	8,000	109,000	6,000	83,000	17,000	80,000	4,000	86,000	14,500	75,000	4,500	89,000	15,000	81,000	25,500	95,000	17,000
Oklahoma	100,000	3,500	87,000	5,500	84,000	5,500	S	S	63,000	22,000	92,000	14,500	96,000	13,000	74,000	4,000	115,000	7,500	101,000	9,500	108,000	29,500
Texas	115,000	2,000	100,000	1,000	84,000	5,000	129,000	6,000	97,000	2,500	117,000	7,500	99,000	2,500	89,000	4,500	139,000	4,500	122,000	7,000	125,000	5,500
Mountain	107,000	2,000	98,000	3,000	88,000	2,500	127,000	6,500	91,000	4,000	105,000	4,000	95,000	6,500	91,000	4,000	130,000	2,500	130,000	7,000	110,000	9,000
Arizona	113,000	5,500	100,000	5,000	103,000	12,500	117,000	14,000	106,000	17,000	85,000	6,500	97,000	10,000	97,000	8,000	130,000	3,500	133,000	7,000	111,000	13,000
Colorado	110,000	4,000	100,000	3,000	90,000	6,500	150,000	10,500	92,000	6,500	106,000	5,500	91,000	4,000	86,000	8,000	134,000	4,500	138,000	14,000	124,000	15,000
Idaho	99,000	5,000	89,000	8,000	88,000	11,000	78,000	13,500	73,000	11,500	92,000	7,000	103,000	34,000	73,000	10,500	104,000	9,500	95,000	14,500	119,000	18,500
Montana	85,000	5,000	81,000	8,000	83,000	9,500	D	D	D	D	69,000	3,000	S	S	75,000	6,500	87,000	9,000	87,000	14,000	75,000	10,500
Nevada	101,000	5,500	99,000	4,000	99,000	12,000	S	S	D	D	100,000	21,000	108,000	24,500	85,000	9,000	92,000	15,500	123,000	22,000	141,000	20,500
New Mexico	121,000	4,000	119,000	11,500	79,000	7,000	129,000	10,000	83,000	24,000	133,000	5,500	96,000	17,500	97,000	6,500	139,000	7,500	159,000	22,000	91,000	17,500
Utah	104,000	4,000	99,000	4,500	84,000	6,500	121,000	15,000	83,000	13,500	102,000	7,000	105,000	20,000	99,000	7,500	121,000	15,000	122,000	11,500	103,000	4,500
Wyoming	78,000	5,000	79,000	6,500	76,000	6,000	D	D	D	D	79,000	6,000	D	D	D	D	*	*	D	D	D	D
Pacific	140,000	1,000	125,000	1,500	110,000	1,500	170,000	4,500	144,000	7,500	119,000	2,500	105,000	2,500	103,000	2,500	149,000	5,000	150,000	1,500	159,000	8,500
Alaska	100,000	5,000	95,000	7,000	103,000	5,500	D	D	D	D	90,000	21,000	S	S	81,000	2,000	108,000	26,000	111,000	43,000	161,000	57,000
California	148,000	3,500	134,000	3,000	115,000	2,500	178,000	4,000	148,000	4,000	126,000	3,000	107,000	4,500	109,000	3,000	157,000	5,000	154,000	8,000	165,000	6,500

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			Total		Biological, agricultural, and other life scientist		Computer and information scientist		Mathematical scientist		Physical scientist		Psychologist		Social scientist							
	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
Hawaii	97,000	6,000	94,000	7,500	105,000	21,000	D	D	90,000	35,500	95,000	11,000	112,000	15,000	89,000	6,000	95,000	4,500	82,000	22,500	100,000	17,000
Oregon	119,000	1,000	101,000	2,000	90,000	5,500	149,000	5,000	100,000	10,000	89,000	5,000	99,000	4,500	96,000	7,500	127,000	3,500	128,000	13,500	125,000	8,500
Washington	125,000	3,500	118,000	3,500	96,000	4,500	160,000	2,500	126,000	14,000	85,000	7,000	105,000	4,500	91,000	5,500	139,000	6,000	148,000	15,000	140,000	15,000
Puerto Rico	77,000	5,000	72,000	7,000	70,000	9,000	S	S	81,000	5,000	70,000	4,000	62,000	11,500	S	S	85,000	12,500	81,000	13,000	78,000	17,500
U.S. territories and other areas	98,000	9,000	96,000	11,000	76,000	9,500	122,000	29,000	D	D	88,000	22,500	D	D	96,000	21,000	95,000	47,500	147,000	70,500	77,000	23,500

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

S&E = science and engineering; SE = standard error.

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. Because survey sample design does not include geography, reliability of estimates in some states may be poor due to small sample size. Residence location is based on reported living location on 1 February 2019.

Source(s):

National Center for Science and Engineering Statistics, Survey of Doctorate Recipients: 2019.