

TABLE 63

Median annual salaries of U.S. residing full-time employed doctoral scientists and engineers in 4-year educational institutions, by broad field of doctorate, sex, tenure status, and years since doctorate: 2019

(Dollars)

Field of study and sex	All full-time employed				Tenured				Not tenured								Tenure not applicable			
									On tenure track				Not on tenure track							
	< 10		≥ 10		< 10		≥ 10		< 10		≥ 10		< 10		≥ 10		< 10		≥ 10	
	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	72,000	500	108,000	1,000	83,000	2,000	115,000	1,000	82,000	1,000	93,000	2,500	65,000	500	90,000	1,000	60,000	500	96,000	2,000
Male	75,000	500	113,000	2,500	88,000	4,500	120,000	500	86,000	2,000	94,000	3,000	65,000	500	95,000	4,000	60,000	500	105,000	3,500
Female	70,000	500	99,000	1,500	80,000	2,000	105,000	1,500	79,000	2,000	91,000	4,000	65,000	1,500	86,000	2,500	60,000	500	87,000	2,500
Science	70,000	1,500	105,000	1,500	79,000	1,500	110,000	500	80,000	1,000	90,000	2,500	62,000	1,500	90,000	3,000	60,000	1,000	93,000	2,500
Male	71,000	2,000	110,000	500	81,000	2,000	116,000	2,000	84,000	2,000	92,000	3,000	62,000	2,500	95,000	5,500	60,000	1,000	100,000	2,500
Female	67,000	1,500	95,000	1,500	74,000	4,000	101,000	1,500	76,000	2,500	87,000	3,000	62,000	1,500	84,000	1,500	59,000	1,000	85,000	2,500
Biological, agricultural, and environmental life sciences	61,000	1,500	106,000	3,000	70,000	5,500	120,000	500	85,000	2,000	99,000	2,000	60,000	2,000	90,000	3,500	55,000	1,000	88,000	4,000
Male	63,000	2,000	115,000	2,000	68,000	4,500	125,000	3,500	87,000	2,500	100,000	4,500	63,000	3,000	96,000	6,000	55,000	1,500	100,000	3,500
Female	60,000	500	95,000	2,000	79,000	9,000	108,000	3,500	82,000	4,000	95,000	4,500	60,000	500	83,000	2,500	55,000	1,000	79,000	3,500
Computer and information sciences	96,000	4,000	120,000	4,500	95,000	6,000	124,000	5,000	99,000	2,500	99,000	7,000	85,000	7,000	112,000	12,000	88,000	10,500	115,000	20,500
Male	99,000	3,000	122,000	5,000	93,000	8,500	129,000	7,000	100,000	3,500	100,000	9,500	86,000	11,500	112,000	12,000	85,000	11,000	103,000	11,000
Female	91,000	3,000	119,000	6,500	98,000	9,000	115,000	6,000	91,000	3,500	D	D	85,000	7,000	S	S	91,000	21,000	166,000	41,000
Mathematics and statistics	68,000	2,000	100,000	1,000	71,000	9,500	102,000	2,500	78,000	4,000	72,000	4,500	60,000	3,500	80,000	8,500	64,000	2,500	80,000	6,500
Male	69,000	3,500	102,000	2,500	82,000	11,000	105,000	3,000	80,000	4,000	70,000	5,000	59,000	3,000	80,000	19,000	63,000	5,000	83,000	7,000
Female	67,000	2,000	90,000	2,000	65,000	3,500	95,000	3,500	71,000	8,000	73,000	4,500	61,000	5,500	76,000	18,500	66,000	5,000	74,000	6,000
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	65,000	1,000	101,000	3,000	77,000	7,000	110,000	2,000	78,000	3,000	84,000	3,500	58,000	2,500	89,000	4,500	58,000	1,500	90,000	2,500
Male	66,000	2,000	105,000	4,500	79,000	7,500	110,000	3,000	80,000	2,500	85,000	4,000	59,000	2,500	90,000	7,000	58,000	1,500	96,000	5,500
Female	63,000	2,000	96,000	4,500	70,000	10,500	107,000	4,000	72,000	3,000	75,000	3,000	57,000	2,500	82,000	13,000	58,000	3,000	78,000	7,500
Psychology	73,000	1,500	102,000	2,000	74,000	4,500	106,000	3,500	74,000	1,500	80,000	4,000	74,000	3,000	95,000	6,500	70,000	3,000	96,000	3,500
Male	75,000	2,500	111,000	4,500	82,000	5,500	115,000	6,000	75,000	3,000	78,000	6,000	64,000	9,000	123,000	22,500	70,000	5,500	110,000	10,000
Female	72,000	1,500	96,000	2,500	68,000	4,000	100,000	1,500	73,000	1,500	84,000	7,500	78,000	6,000	88,000	5,500	70,000	3,000	92,000	3,000
Social sciences	75,000	1,000	104,000	2,000	80,000	2,000	105,000	1,500	80,000	1,500	81,000	2,000	60,000	1,500	83,000	5,500	67,000	2,500	103,000	4,500
Male	79,000	1,500	108,000	2,000	81,000	4,500	110,000	3,500	84,000	4,500	76,000	7,500	60,000	4,000	84,000	7,500	74,000	4,000	110,000	4,000
Female	72,000	1,000	96,000	2,500	79,000	5,000	100,000	1,500	77,000	2,500	81,000	1,500	60,000	1,500	80,000	4,500	64,000	2,500	94,000	5,000
Engineering	84,000	1,500	125,000	3,000	108,000	2,000	130,000	2,000	90,000	500	101,000	2,500	72,000	3,000	92,000	7,000	64,000	1,500	117,000	4,500
Male	85,000	2,000	125,000	3,000	108,000	2,000	129,000	1,500	90,000	2,000	100,000	4,000	74,000	3,000	93,000	7,500	65,000	4,000	121,000	10,500
Female	76,000	4,500	120,000	6,500	105,000	6,000	135,000	7,500	85,000	2,000	102,000	19,500	62,000	6,500	91,000	9,000	63,000	2,500	95,000	5,500
Health	80,000	1,500	114,000	3,000	87,000	3,500	119,000	2,000	80,000	2,500	96,000	6,000	78,000	3,500	115,000	11,000	74,000	6,000	108,000	5,000
Male	79,000	3,500	121,000	10,500	90,000	10,000	135,000	8,000	81,000	4,500	100,000	7,500	67,000	10,000	117,000	16,000	74,000	9,000	107,000	12,000

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(Dollars)

Field of study and sex	All full-time employed				Tenured				Not tenured								Tenure not applicable			
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	< 10		≥ 10		< 10		≥ 10		< 10		≥ 10		< 10		≥ 10		< 10		≥ 10	
	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
Female	80,000	2,000	109,000	2,000	87,000	4,500	115,000	4,000	80,000	2,500	96,000	6,500	80,000	4,000	109,000	12,000	74,000	7,000	108,000	5,500

D = suppressed to avoid disclosure of confidential information. S = suppressed for reliability; coefficient of variation exceeds publication standards.

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. Four-year educational institutions include 4-year colleges or universities, medical schools (including university-affiliated hospitals or medical centers), and university-affiliated research institutes. 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.