

TABLE 60

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, faculty rank, and years since doctorate: 2019

(Dollars)

Field of study and sex	All full-time employed				Full professor				Associate professor				Assistant professor				Instructor or lecturer				All other faculty				Rank not applicable				
	< 10		≥ 10		< 10		≥ 10		< 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	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	
All fields	72,000	500	108,000	1,000	82,000	5,500	130,000	2,000	85,000	2,000	97,000	1,500	82,000	1,000	87,000	2,500	61,000	2,000	70,000	1,500	62,000	11,500	74,000	18,500	58,000	1,000	90,000	2,500	
Male	75,000	500	113,000	2,500	81,000	4,500	135,000	2,000	90,000	2,000	100,000	1,500	84,000	1,500	90,000	1,500	64,000	2,500	75,000	3,000	68,000	19,500	106,000	50,000	58,000	500	100,000	1,000	
Female	70,000	500	99,000	1,500	84,000	13,500	121,000	4,000	80,000	1,500	94,000	2,000	78,000	1,500	84,000	2,000	60,000	1,000	65,000	3,500	61,000	4,500	D	D	57,000	500	83,000	3,500	
Science	70,000	1,500	105,000	1,500	75,000	8,500	129,000	2,000	80,000	1,500	95,000	1,000	80,000	500	84,000	2,000	60,000	500	68,000	2,500	61,000	11,000	72,000	14,500	57,000	1,000	89,000	1,000	
Male	71,000	2,000	110,000	500	80,000	10,500	130,000	3,000	82,000	2,000	96,000	1,500	82,000	1,000	89,000	3,500	60,000	2,500	70,000	4,500	58,000	20,000	74,000	33,000	58,000	1,500	98,000	3,500	
Female	67,000	1,500	95,000	1,500	72,000	22,500	119,000	1,000	74,000	4,000	91,000	2,000	75,000	1,500	82,000	2,000	59,000	2,000	64,000	3,000	61,000	5,500	D	D	57,000	500	81,000	3,500	
Biological, agricultural, and environmental life sciences	61,000	1,500	106,000	3,000	70,000	3,500	140,000	4,000	81,000	9,500	103,000	2,500	83,000	2,000	89,000	2,000	60,000	2,500	70,000	4,000	74,000	5,500	66,000	31,000	55,000	1,000	75,000	2,500	
Male	63,000	2,000	115,000	2,000	63,000	8,000	148,000	3,500	76,000	16,500	108,000	3,000	85,000	2,500	91,000	4,500	64,000	2,500	74,000	4,500	D	D	D	D	55,000	1,000	80,000	6,000	
Female	60,000	500	95,000	2,000	71,000	2,000	125,000	5,000	83,000	7,500	97,000	3,000	78,000	3,000	84,000	2,500	57,000	2,000	68,000	6,000	D	D	D	D	55,000	1,500	74,000	2,000	
Computer and information sciences	96,000	4,000	120,000	4,500	S	S	139,000	6,500	95,000	6,500	106,000	5,000	98,000	4,500	100,000	6,000	95,000	13,500	68,000	7,500	D	D	D	D	78,000	13,000	129,000	25,500	
Male	99,000	3,000	122,000	5,000	D	D	143,000	5,000	98,000	9,000	107,000	6,000	99,000	3,000	100,000	6,500	97,000	21,000	70,000	15,500	D	D	D	D	76,000	14,000	114,000	15,500	
Female	91,000	3,000	119,000	6,500	S	S	117,000	4,500	92,000	8,500	96,000	6,500	91,000	3,000	D	D	D	D	D	D	D	D	D	D	D	D	D	S	S
Mathematics and statistics	68,000	2,000	100,000	1,000	D	D	110,000	3,500	73,000	7,500	87,000	4,000	72,000	4,000	70,000	4,500	56,000	3,500	63,000	4,000	D	D	D	D	64,000	4,500	98,000	11,000	
Male	69,000	3,500	102,000	2,500	D	D	114,000	3,500	75,000	9,500	87,000	3,500	74,000	4,500	72,000	6,500	57,000	2,500	64,000	3,500	D	D	D	D	64,000	7,000	100,000	20,500	
Female	67,000	2,000	90,000	2,000	D	D	100,000	1,500	67,000	5,000	85,000	6,500	70,000	3,500	65,000	8,000	54,000	7,000	60,000	12,000	D	D	D	D	63,000	10,000	93,000	14,000	
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	65,000	1,000	101,000	3,000	D	D	126,000	3,000	72,000	4,000	90,000	3,000	75,000	1,500	80,000	5,000	55,000	3,000	65,000	4,000	S	S	D	D	58,000	1,000	100,000	3,500	
Male	66,000	2,000	105,000	4,500	D	D	127,000	3,500	75,000	5,000	88,000	3,000	78,000	3,000	83,000	5,500	55,000	5,500	72,000	7,500	D	D	D	D	58,000	1,500	106,000	6,000	
Female	63,000	2,000	96,000	4,500	D	D	124,000	5,500	69,000	5,500	90,000	5,000	70,000	3,000	74,000	5,500	55,000	2,500	58,000	3,500	S	S	D	D	57,000	2,500	84,000	3,000	
Psychology	73,000	1,500	102,000	2,000	110,000	25,500	125,000	2,500	71,000	4,500	92,000	3,000	75,000	2,000	80,000	6,500	63,000	4,000	62,000	6,000	D	D	D	D	65,000	3,500	96,000	4,000	
Male	75,000	2,500	111,000	4,500	D	D	129,000	3,000	82,000	6,000	92,000	3,500	75,000	1,500	88,000	11,500	59,000	5,500	61,000	13,500	D	D	D	D	59,000	4,000	109,000	14,500	
Female	72,000	1,500	96,000	2,500	D	D	119,000	6,500	67,000	2,500	90,000	3,000	75,000	3,000	74,000	8,000	66,000	9,000	60,000	9,000	D	D	D	D	68,000	4,000	91,000	3,500	
Social sciences	75,000	1,000	104,000	2,000	79,000	8,500	124,000	4,500	80,000	2,500	90,000	1,000	78,000	1,500	80,000	1,500	59,000	2,000	65,000	5,500	D	D	D	D	65,000	3,000	98,000	4,500	
Male	79,000	1,500	108,000	2,000	D	D	129,000	3,000	82,000	5,500	92,000	3,000	81,000	2,000	70,000	6,000	54,000	4,500	60,000	6,500	D	D	D	D	69,000	4,000	100,000	8,000	
Female	72,000	1,000	96,000	2,500	71,000	26,000	115,000	5,000	79,000	2,500	90,000	2,500	74,000	1,500	81,000	3,000	59,000	1,500	69,000	4,000	D	D	D	D	61,000	1,500	94,000	5,000	
Engineering	84,000	1,500	125,000	3,000	106,000	12,500	145,000	3,000	107,000	4,000	107,000	2,000	89,000	1,000	92,000	5,500	69,000	3,500	88,000	6,500	S	S	D	D	60,000	1,500	116,000	7,000	
Male	85,000	2,000	125,000	3,000	*	*	144,000	3,500	108,000	4,000	106,000	2,000	90,000	500	90,000	7,500	68,000	5,000	88,000	7,000	D	D	D	D	62,000	3,000	121,000	9,000	
Female	76,000	4,500	120,000	6,500	S	S	148,000	7,500	102,000	4,500	108,000	3,500	85,000	2,000	94,000	6,000	66,000	4,500	80,000	25,000	D	D	D	D	57,000	5,000	94,000	7,000	
Health	80,000	1,500	114,000	3,000	91,000	11,000	142,000	5,500	89,000	4,000	105,000	4,500	82,000	2,500	91,000	6,500	67,000	12,000	57,000	12,500	D	D	D	D	56,000	5,000	83,000	11,000	
Male	79,000	3,500	121,000	10,500	D	D	155,000	11,000	99,000	5,500	106,000	8,000	81,000	3,500	98,000	6,500	55,000	26,500	S	S	D	D	D	D	51,000	6,000	70,000	17,500	
Female	80,000	2,000	109,000	2,000	82,000	13,000	129,000	5,500	85,000	4,500	105,000	4,000	82,000	3,000	90,000	6,500	69,000	8,000	51,000	10,000	*	*	D	D	59,000	8,000	89,000	14,500	

* = 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.

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.