

TABLE 61

Median annual salaries of U.S. residing full-time employed doctoral scientists and engineers in 4-year educational institutions, by broad field of doctorate, ethnicity, race, and faculty rank: 2019

(Dollars)

Field of study, ethnicity, and race	All full-time employed		Full professor		Associate professor		Assistant professor		Instructor or lecturer		All other faculty		Rank not applicable	
	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE
All fields	95,000	500	130,000	1,000	95,000	1,000	82,000	1,000	65,000	1,000	72,000	7,500	65,000	1,500
Hispanic or Latino ^a	88,000	1,500	119,000	3,500	91,000	2,500	82,000	1,500	60,000	5,000	S	S	60,000	1,500
Not Hispanic or Latino ^b														
American Indian or Alaska Native	89,000	4,000	120,000	22,500	92,000	7,000	88,000	7,000	D	D	D	D	D	D
Asian	90,000	500	140,000	5,500	101,000	3,000	87,000	2,500	64,000	3,000	50,000	4,500	60,000	1,500
Black or African American	89,000	1,500	117,000	5,500	92,000	2,000	78,000	2,000	60,000	4,000	D	D	70,000	6,500
White	98,000	1,000	130,000	1,000	94,000	1,500	82,000	1,000	64,000	1,000	72,000	3,000	72,000	1,500
Other race ^c	88,000	2,000	130,000	10,500	97,000	5,500	82,000	3,000	74,000	7,000	D	D	68,000	5,500
Science	92,000	1,000	128,000	2,500	92,000	1,000	80,000	1,500	63,000	1,500	67,000	10,000	65,000	500
Hispanic or Latino ^a	86,000	2,500	120,000	3,500	90,000	1,500	80,000	1,500	62,000	5,000	S	S	60,000	1,500
Not Hispanic or Latino ^b														
American Indian or Alaska Native	83,000	8,000	94,000	31,500	92,000	6,500	71,000	9,500	D	D	D	D	D	D
Asian	88,000	2,500	130,000	6,500	99,000	1,500	87,000	2,500	59,000	1,500	48,000	6,500	58,000	1,500
Black or African American	87,000	2,000	116,000	4,500	90,000	1,500	76,000	3,000	58,000	4,000	D	D	68,000	5,000
White	95,000	500	129,000	2,000	90,000	1,000	80,000	1,000	64,000	1,500	68,000	8,000	70,000	2,500
Other race ^c	86,000	2,000	123,000	8,000	97,000	7,500	81,000	2,500	71,000	5,000	D	D	63,000	6,000
Biological, agricultural, and environmental life sciences	90,000	500	140,000	3,500	101,000	2,000	85,000	1,000	65,000	1,500	75,000	6,000	60,000	500
Hispanic or Latino ^a	81,000	3,000	138,000	25,000	101,000	9,500	84,000	2,500	62,000	8,000	D	D	57,000	1,500
Not Hispanic or Latino ^b														
American Indian or Alaska Native	91,000	5,000	D	D	D	D	S	S	D	D	D	D	D	D
Asian	80,000	2,000	149,000	9,000	117,000	3,500	90,000	2,000	63,000	3,000	D	D	55,000	1,500
Black or African American	86,000	3,000	120,000	13,000	100,000	5,500	84,000	4,000	59,000	5,500	D	D	57,000	2,500
White	93,000	2,000	139,000	3,500	98,000	2,000	83,000	1,500	65,000	2,500	73,000	7,500	63,000	2,000
Other race ^c	80,000	3,500	141,000	13,500	97,000	17,000	87,000	11,500	85,000	35,000	D	D	53,000	2,500

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(Dollars)

Field of study, ethnicity, and race	All full-time employed		Full professor		Associate professor		Assistant professor		Instructor or lecturer		All other faculty		Rank not applicable	
	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE
American Indian or Alaska Native	D	D	D	D	D	D	D	D	D	D	D	D	D	D
Asian	80,000	3,000	139,000	9,500	97,000	9,500	81,000	4,000	56,000	2,500	D	D	60,000	1,500
Black or African American	80,000	6,500	104,000	19,000	85,000	6,500	66,000	3,000	52,000	7,000	D	D	58,000	6,000
White	93,000	2,000	125,000	3,000	86,000	3,000	75,000	1,500	62,000	2,500	70,000	5,000	84,000	5,000
Other race ^c	79,000	2,500	122,000	7,000	98,000	18,500	77,000	4,500	D	D	D	D	62,000	7,000
Psychology	92,000	2,000	125,000	2,500	89,000	1,500	76,000	2,500	64,000	4,500	D	D	81,000	2,000
Hispanic or Latino ^a	86,000	4,000	108,000	4,500	85,000	5,000	76,000	6,000	79,000	7,000	D	D	75,000	11,000
Not Hispanic or Latino ^b														
American Indian or Alaska Native	D	D	D	D	D	D	D	D	D	D	D	D	D	D
Asian	85,000	3,000	138,000	34,500	83,000	4,000	77,000	7,000	49,000	5,500	D	D	75,000	7,500
Black or African American	88,000	2,500	123,000	11,500	89,000	6,000	76,000	3,500	S	S	D	D	87,000	15,000
White	95,000	2,000	125,000	3,500	90,000	2,000	75,000	2,500	64,000	4,500	D	D	81,000	3,500
Other race ^c	88,000	4,000	109,000	7,000	94,000	10,000	85,000	17,500	D	D	D	D	80,000	10,000
Social sciences	95,000	500	124,000	4,500	90,000	2,000	78,000	2,000	60,000	1,500	D	D	79,000	3,000
Hispanic or Latino ^a	89,000	1,500	119,000	7,500	90,000	3,000	79,000	2,000	54,000	3,500	D	D	67,000	4,500
Not Hispanic or Latino ^b														
American Indian or Alaska Native	73,000	11,000	S	S	87,000	20,000	68,000	3,500	D	D	D	D	D	D
Asian	95,000	2,000	114,000	10,500	94,000	5,000	83,000	3,000	69,000	9,500	D	D	82,000	13,000
Black or African American	88,000	3,000	108,000	10,000	92,000	3,500	73,000	3,000	59,000	5,500	D	D	79,000	1,000
White	97,000	2,000	127,000	3,500	88,000	2,500	75,000	2,500	60,000	2,000	D	D	80,000	5,000
Other race ^c	91,000	7,500	120,000	25,000	86,000	7,000	83,000	2,500	D	D	D	D	81,000	19,000
Engineering	108,000	2,000	144,000	3,500	107,000	2,000	89,000	500	76,000	3,500	S	S	71,000	4,500
Hispanic or Latino ^a	95,000	4,000	108,000	9,000	102,000	6,500	87,000	3,000	47,000	13,000	D	D	75,000	9,500

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Field of study, ethnicity, and race	All full-time employed		Full professor		Associate professor		Assistant professor		Instructor or lecturer		All other faculty		Rank not applicable	
	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE
Not Hispanic or Latino ^b														
American Indian or Alaska Native	D	D	S	S	D	D	D	D	D	D	D	D	D	D
Asian	100,000	3,500	140,000	3,500	107,000	3,500	88,000	3,500	73,000	7,000	D	D	62,000	3,500
Black or African American	100,000	4,500	139,000	15,500	109,000	6,500	88,000	3,500	72,000	13,000	D	D	60,000	12,500
White	111,000	2,500	150,000	3,000	106,000	2,000	90,000	1,000	78,000	4,500	S	S	95,000	7,500
Other race ^c	90,000	9,500	130,000	21,000	115,000	21,000	89,000	3,500	D	D	D	D	79,000	5,000
Health	97,000	3,000	139,000	4,500	99,000	1,500	84,000	2,500	59,000	9,500	S	S	70,000	2,000
Hispanic or Latino ^a	83,000	4,000	112,000	19,000	97,000	14,500	80,000	2,000	D	D	D	D	50,000	1,500
Not Hispanic or Latino ^b														
American Indian or Alaska Native	D	D	D	D	D	D	D	D	D	D	D	D	D	D
Asian	89,000	5,000	163,000	33,000	100,000	3,000	85,000	5,000	D	D	D	D	61,000	9,500
Black or African American	90,000	4,000	125,000	9,000	97,000	8,000	76,000	11,500	D	D	D	D	79,000	9,500
White	100,000	3,000	138,000	6,000	100,000	5,000	84,000	2,500	55,000	8,500	S	S	82,000	9,000
Other race ^c	92,000	9,500	S	S	92,000	18,000	76,000	5,500	D	D	D	D	S	S

* = 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. 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.