

TABLE 64

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 tenure status: 2019

(Dollars)

Field of study, ethnicity, and race	All full-time employed		Tenured		Not tenured				Tenure not applicable	
					On tenure track		Not on tenure track			
	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE
All fields	95,000	500	111,000	1,500	85,000	500	75,000	1,500	75,000	500
Hispanic or Latino ^a	88,000	1,500	104,000	3,000	83,000	2,000	74,000	3,000	62,000	2,000
Not Hispanic or Latino ^b										
American Indian or Alaska Native	89,000	4,000	93,000	3,000	90,000	3,500	64,000	8,500	70,000	13,500
Asian	90,000	500	120,000	500	90,000	500	70,000	1,500	63,000	2,000
Black or African American	89,000	1,500	100,000	3,500	80,000	3,500	76,000	3,000	74,000	3,500
White	98,000	1,000	110,000	1,500	83,000	1,500	78,000	2,000	82,000	2,000
Other race ^c	88,000	2,000	109,000	4,500	80,000	3,000	85,000	5,000	70,000	4,000
Science	92,000	1,000	109,000	1,500	83,000	1,000	75,000	2,000	73,000	1,500
Hispanic or Latino ^a	86,000	2,500	104,000	3,000	82,000	2,000	73,000	3,000	62,000	2,000
Not Hispanic or Latino ^b										
American Indian or Alaska Native	83,000	8,000	92,000	5,000	84,000	10,500	D	D	62,000	11,000
Asian	88,000	2,500	113,000	4,000	89,000	1,000	68,000	3,500	60,000	1,500
Black or African American	87,000	2,000	100,000	3,500	78,000	2,500	74,000	4,000	72,000	4,500
White	95,000	500	110,000	2,000	81,000	1,500	75,000	1,500	80,000	1,500
Other race ^c	86,000	2,000	105,000	2,500	80,000	1,500	85,000	7,500	69,000	5,000
Biological, agricultural, and environmental life sciences	90,000	500	119,000	1,000	90,000	2,000	74,000	2,500	65,000	500
Hispanic or Latino ^a	81,000	3,000	112,000	8,500	89,000	4,000	72,000	5,000	58,000	2,000
Not Hispanic or Latino ^b										
American Indian or Alaska Native	91,000	5,000	S	S	S	S	D	D	D	D
Asian	80,000	2,000	129,000	7,500	97,000	3,000	66,000	4,500	58,000	2,500
Black or African American	86,000	3,000	105,000	12,000	90,000	6,000	83,000	2,500	60,000	4,500
White	93,000	2,000	119,000	2,500	89,000	2,000	74,000	2,000	70,000	1,500
Other race ^c	80,000	3,500	93,000	17,500	89,000	12,000	86,000	10,500	52,000	2,000
Computer and information sciences	109,000	3,500	120,000	3,500	100,000	2,000	95,000	4,500	100,000	5,000
Hispanic or Latino ^a	100,000	15,500	124,000	37,500	78,000	5,000	S	S	138,000	44,000
Not Hispanic or Latino ^b										
American Indian or Alaska Native	D	D	D	D	D	D	D	D	D	D
Asian	100,000	5,500	120,000	4,500	100,000	3,500	68,000	26,500	76,000	13,000
Black or African American	91,000	14,000	114,000	5,000	82,000	6,500	D	D	D	D
White	111,000	3,000	120,000	6,500	100,000	6,500	98,000	7,000	104,000	3,500
Other race ^c	141,000	44,000	D	D	D	D	D	D	D	D
Mathematics and statistics	90,000	1,000	100,000	1,500	76,000	3,500	65,000	3,500	71,000	3,500
Hispanic or Latino ^a	95,000	8,000	120,000	19,500	82,000	3,500	76,000	6,500	62,000	3,000
Not Hispanic or Latino ^b										
American Indian or Alaska Native	D	D	D	D	D	D	D	D	D	D
Asian	89,000	3,000	100,000	4,000	78,000	4,500	59,000	6,500	66,000	6,500
Black or African American	79,000	5,500	85,000	5,500	66,000	3,000	S	S	D	D
White	90,000	1,000	100,000	1,500	74,000	5,000	67,000	3,500	74,000	4,000
Other race ^c	101,000	16,500	S	S	D	D	S	S	D	D

TABLE 64

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 tenure status: 2019

(Dollars)

Field of study, ethnicity, and race	All full-time employed		Tenured		Not tenured				Tenure not applicable	
					On tenure track		Not on tenure track			
	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	90,000	500	109,000	2,000	79,000	2,000	68,000	2,500	74,000	2,500
Hispanic or Latino ^a	80,000	2,500	90,000	5,000	81,000	5,000	60,000	11,500	64,000	8,000
Not Hispanic or Latino ^b										
American Indian or Alaska Native	D	D	D	D	D	D	D	D	D	D
Asian	80,000	3,000	119,000	8,500	80,000	5,000	65,000	7,000	62,000	4,000
Black or African American	80,000	6,500	94,000	5,000	74,000	6,000	60,000	6,500	56,000	5,000
White	93,000	2,000	108,000	2,000	78,000	3,000	70,000	3,500	80,000	3,500
Other race ^c	79,000	2,500	120,000	7,500	77,000	6,000	56,000	3,500	70,000	7,000
Psychology	92,000	2,000	103,000	2,500	75,000	1,000	85,000	3,500	86,000	3,000
Hispanic or Latino ^a	86,000	4,000	99,000	3,500	74,000	3,500	87,000	9,000	81,000	3,500
Not Hispanic or Latino ^b										
American Indian or Alaska Native	D	D	D	D	D	D	D	D	D	D
Asian	85,000	3,000	98,000	10,000	73,000	4,000	73,000	16,000	80,000	3,000
Black or African American	88,000	2,500	100,000	8,000	78,000	5,500	73,000	12,500	87,000	8,500
White	95,000	2,000	105,000	2,500	75,000	1,500	87,000	5,000	89,000	3,500
Other race ^c	88,000	4,000	107,000	5,500	73,000	9,000	S	S	78,000	9,500
Social sciences	95,000	500	105,000	1,500	80,000	1,000	70,000	3,000	84,000	3,000
Hispanic or Latino ^a	89,000	1,500	103,000	4,500	80,000	3,000	59,000	4,000	67,000	6,000
Not Hispanic or Latino ^b										
American Indian or Alaska Native	73,000	11,000	88,000	16,500	D	D	S	S	D	D
Asian	95,000	2,000	100,000	2,500	86,000	4,500	77,000	6,000	70,000	8,500
Black or African American	88,000	3,000	98,000	5,000	74,000	3,500	66,000	10,500	79,000	2,000
White	97,000	2,000	105,000	1,000	78,000	3,500	69,000	3,500	89,000	5,500
Other race ^c	91,000	7,500	105,000	4,000	81,000	3,000	70,000	7,500	84,000	6,000
Engineering	108,000	2,000	129,000	1,500	90,000	1,500	80,000	1,500	89,000	4,000
Hispanic or Latino ^a	95,000	4,000	110,000	7,500	95,000	5,000	74,000	9,500	79,000	8,500
Not Hispanic or Latino ^b										
American Indian or Alaska Native	D	D	S	S	D	D	D	D	D	D
Asian	100,000	3,500	129,000	1,500	90,000	2,000	70,000	2,000	70,000	3,500
Black or African American	100,000	4,500	126,000	12,000	89,000	7,000	87,000	7,500	78,000	13,500
White	111,000	2,500	129,000	2,500	90,000	1,500	88,000	3,500	101,000	6,500
Other race ^c	90,000	9,500	120,000	17,000	100,000	12,500	81,000	6,000	82,000	7,000
Health	97,000	3,000	114,000	4,000	85,000	3,000	88,000	3,000	90,000	2,500
Hispanic or Latino ^a	83,000	4,000	98,000	21,500	79,000	3,000	89,000	12,000	80,000	14,500
Not Hispanic or Latino ^b										
American Indian or Alaska Native	D	D	D	D	D	D	D	D	D	D
Asian	89,000	5,000	119,000	12,000	88,000	2,500	75,000	3,500	68,000	4,500
Black or African American	90,000	4,000	104,000	8,500	86,000	6,500	78,000	6,000	88,000	7,000
White	100,000	3,000	112,000	4,000	83,000	3,500	94,000	7,500	100,000	6,000
Other race ^c	92,000	9,500	154,000	41,000	69,000	8,000	80,000	5,500	S	S

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.