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: 2021

(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	99,000	1,000	115,000	1,000	90,000	500	78,000	2,000	80,000	1,500
Hispanic or Latino[a]	91,000	1,500	109,000	2,500	91,000	4,500	73,000	3,500	70,000	2,000
Not Hispanic or Latino[b]										
American Indian or Alaska Native	92,000	6,000	120,000	18,000	88,000	5,500	65,000	27,000	72,000	28,000
Asian	100,000	2,000	120,000	2,500	98,000	2,500	69,000	1,500	68,000	3,000
Black or African American	91,000	2,000	105,000	3,000	85,000	2,000	82,000	2,500	82,000	4,000
White	100,000	1,000	115,000	2,000	86,000	1,500	80,000	2,000	84,000	2,000
Other race[c]	95,000	4,500	115,000	8,000	88,000	3,000	88,000	7,500	80,000	8,500
Science	95,000	1,000	110,000	1,500	88,000	1,500	75,000	500	77,000	1,500
Hispanic or Latino[a]	89,000	1,000	108,000	3,500	89,000	4,000	70,000	4,000	69,000	2,000
Not Hispanic or Latino[b]										
American Indian or Alaska Native	88,000	4,500	101,000	20,000	83,000	6,500	D	D	71,000	27,000
Asian	95,000	2,000	120,000	4,000	97,000	2,500	68,000	2,000	66,000	3,000
Black or African American	90,000	1,000	100,000	4,500	84,000	4,500	72,000	8,500	81,000	5,000
White	97,000	1,000	110,000	1,500	84,000	1,500	78,000	2,500	80,000	1,500
Other race[c]	93,000	4,500	109,000	4,000	86,000	3,500	88,000	7,000	75,000	9,500
Biological, agricultural, and environmental life sciences	94,000	2,000	120,000	2,500	95,000	1,500	72,000	3,500	70,000	500
Hispanic or Latino[a]	85,000	4,000	109,000	3,000	95,000	5,500	70,000	7,500	64,000	2,000
Not Hispanic or Latino[b]										
American Indian or Alaska Native	89,000	25,000	D	D	D	D	D	D	D	D
Asian	90,000	3,000	139,000	9,500	100,000	1,500	68,000	2,500	60,000	3,000
Black or African American	90,000	3,500	112,000	7,000	79,000	10,500	71,000	8,500	80,000	5,500
White	96,000	2,000	120,000	2,000	91,000	2,500	75,000	3,000	75,000	1,500
Other race[c]	89,000	8,500	109,000	7,500	106,000	10,500	92,000	11,000	59,000	1,000
Computer and information sciences	110,000	2,500	130,000	6,500	99,000	500	93,000	5,500	95,000	5,500
Hispanic or Latino[a]	104,000	16,000	116,000	22,500	130,000	31,500	D	D	78,000	9,500
Not Hispanic or Latino[b]										
American Indian or Alaska Native	D	D	D	D	D	D	D	D	D	D
Asian	100,000	6,500	120,000	10,000	97,000	4,500	85,000	6,500	97,000	4,500
Black or African American	95,000	5,000	90,000	10,500	97,000	4,000	D	D	D	D
White	113,000	4,500	134,000	6,000	104,000	4,500	96,000	12,000	91,000	4,500
Other race[c]	198,000	49,000	S	S	D	D	D	D	D	D
Mathematics and statistics	92,000	2,500	101,000	3,000	87,000	4,500	70,000	1,000	72,000	4,500
Hispanic or Latino[a]	86,000	3,500	100,000	4,500	83,000	5,500	71,000	3,500	75,000	6,000
Not Hispanic or Latino[b]										
American Indian or Alaska Native	D	D	D	D	D	D	D	D	D	D
Asian	92,000	5,000	99,000	1,500	87,000	5,000	67,000	5,500	66,000	9,500
Black or African American	80,000	9,000	88,000	3,500	84,000	25,500	49,000	7,500	71,000	23,000
White	94,000	2,500	104,000	2,500	84,000	8,000	70,000	2,500	73,000	5,000
Other race[c]	83,000	15,000	D	D	S	S	D	D	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: 2021

(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	91,000	2,000	110,000	2,000	82,000	2,500	74,000	3,000	75,000	3,500
Hispanic or Latino[a]	84,000	2,500	99,000	9,500	81,000	6,500	59,000	3,500	65,000	1,500
Not Hispanic or Latino[b]										
American Indian or Alaska Native	D	D	D	D	D	D	D	D	D	D
Asian	88,000	5,000	114,000	8,500	91,000	6,000	67,000	4,500	65,000	3,500
Black or African American	73,000	7,500	93,000	4,000	69,000	6,500	63,000	2,500	56,000	13,500
White	93,000	2,000	108,000	3,500	78,000	3,000	78,000	2,500	79,000	3,000
Other race[c]	95,000	12,000	109,000	13,000	89,000	7,500	75,000	24,500	S	S
Psychology	95,000	2,000	105,000	3,000	76,000	3,500	84,000	4,500	90,000	3,000
Hispanic or Latino[a]	89,000	3,500	100,000	4,500	85,000	4,500	73,000	8,000	80,000	7,500
Not Hispanic or Latino[b]										
American Indian or Alaska Native	D	D	D	D	D	D	D	D	D	D
Asian	95,000	4,000	111,000	5,000	83,000	9,500	73,000	21,000	84,000	5,500
Black or African American	92,000	6,000	107,000	7,500	72,000	8,000	82,000	2,500	90,000	7,500
White	97,000	2,000	103,000	4,000	75,000	3,500	89,000	6,000	92,000	4,000
Other race[c]	92,000	5,500	115,000	19,000	73,000	4,500	D	D	88,000	2,500
Social sciences	98,000	2,000	110,000	500	84,000	2,500	74,000	2,500	84,000	3,000
Hispanic or Latino[a]	95,000	1,500	110,000	4,500	92,000	6,500	59,000	5,000	72,000	4,500
Not Hispanic or Latino[b]										
American Indian or Alaska Native	84,000	10,500	95,000	14,000	D	D	D	D	S	S
Asian	100,000	2,000	114,000	8,000	97,000	3,000	76,000	9,500	81,000	9,000
Black or African American	92,000	3,000	100,000	4,500	90,000	4,500	71,000	12,500	79,000	12,000
White	99,000	2,000	110,000	1,500	79,000	2,500	75,000	3,500	88,000	6,500
Other race[c]	86,000	5,000	98,000	4,000	82,000	4,500	71,000	13,500	81,000	11,500
Engineering	109,000	1,500	133,000	4,500	97,000	2,000	87,000	4,500	88,000	5,000
Hispanic or Latino[a]	99,000	2,500	114,000	4,500	100,000	3,000	93,000	4,000	72,000	5,000
Not Hispanic or Latino[b]										
American Indian or Alaska Native	D	D	S	S	D	D	D	D	D	D
Asian	105,000	3,500	135,000	6,500	100,000	1,000	69,000	5,000	75,000	5,000
Black or African American	103,000	4,000	120,000	12,500	97,000	7,500	84,000	19,000	82,000	14,000
White	112,000	3,000	133,000	5,500	95,000	1,500	96,000	7,000	98,000	3,500
Other race[c]	114,000	13,000	165,000	40,000	105,000	16,500	91,000	18,500	73,000	11,500
Health	100,000	1,000	116,000	3,500	82,000	1,000	99,000	3,500	89,000	5,000
Hispanic or Latino[a]	86,000	5,000	102,000	15,500	77,000	5,500	100,000	9,000	67,000	4,000
Not Hispanic or Latino[b]										
American Indian or Alaska Native	D	D	D	D	D	D	D	D	D	D
Asian	98,000	9,000	123,000	18,000	82,000	8,000	75,000	11,500	55,000	6,000
Black or African American	90,000	4,000	99,000	4,500	84,000	2,000	100,000	10,500	80,000	8,500
White	100,000	3,000	113,000	4,000	82,000	1,000	100,000	3,000	96,000	6,000
Other race[c]	101,000	18,000	133,000	28,000	73,000	15,500	D	D	93,000	17,000

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 2021.

Source(s):
National Center for Science and Engineering Statistics, Survey of Doctorate Recipients, 2021.