

TABLE 64

Median annual salary 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: 2023

(Dollars and SE)

Field of study, ethnicity, and race	All full-time employed		Tenured		Not tenured				Tenure not applicable	
	Median salary	SE	Median salary	SE	On tenure track		Not on tenure track		Median salary	SE
					Median salary	SE	Median salary	SE		
All fields	105,000	1,000	121,000	2,000	98,000	1,000	90,000	500	85,000	1,000
Hispanic or Latino ^a	97,000	2,500	114,000	3,500	96,000	5,000	87,000	4,000	74,000	3,000
Not Hispanic or Latino ^b										
American Indian or Alaska Native	96,000	4,000	127,000	44,000	90,000	8,000	83,000	18,500	58,000	6,000
Asian	104,000	3,000	127,000	3,500	104,000	4,000	91,000	4,000	73,000	2,000
Black or African American	100,000	1,500	114,000	4,000	90,000	5,000	84,000	5,500	93,000	5,500
White	106,000	1,500	121,000	2,000	95,000	2,000	90,000	1,500	90,000	1,500
Other race ^c	98,000	3,000	119,000	5,500	91,000	7,000	92,000	5,500	81,000	3,500
Science	100,000	1,500	120,000	500	96,000	1,500	87,000	2,000	82,000	2,000
Hispanic or Latino ^a	95,000	2,500	111,000	4,000	91,000	4,000	83,000	4,000	71,000	2,000
Not Hispanic or Latino ^b										
American Indian or Alaska Native	85,000	8,000	96,000	6,500	85,000	9,000	D	D	56,000	2,500
Asian	100,000	2,000	120,000	4,000	107,000	3,500	90,000	4,000	72,000	2,500
Black or African American	99,000	2,500	114,000	4,500	89,000	3,500	76,000	7,500	88,000	5,000
White	103,000	1,500	120,000	500	92,000	1,000	87,000	2,000	86,000	2,000
Other race ^c	97,000	3,500	117,000	6,000	91,000	6,000	89,000	4,500	80,000	3,500
Biological, agricultural, and environmental life sciences	100,000	1,000	130,000	2,500	108,000	2,500	88,000	2,500	75,000	1,000
Hispanic or Latino ^a	89,000	2,500	112,000	6,000	101,000	7,500	85,000	4,000	65,000	3,500
Not Hispanic or Latino ^b										
American Indian or Alaska Native	85,000	12,500	D	D	S	S	D	D	S	S
Asian	100,000	5,000	140,000	7,000	114,000	5,000	100,000	9,000	70,000	2,000
Black or African American	93,000	7,500	130,000	7,500	110,000	11,000	76,000	8,500	75,000	6,000
White	103,000	2,000	130,000	3,000	102,000	4,000	87,000	2,500	80,000	2,500
Other race ^c	89,000	4,000	104,000	15,500	110,000	20,000	99,000	8,000	68,000	2,500
Computer and information sciences	119,000	2,500	145,000	10,000	105,000	3,000	100,000	6,500	100,000	6,000
Hispanic or Latino ^a	102,000	15,500	134,000	45,000	107,000	16,000	88,000	24,500	71,000	9,000
Not Hispanic or Latino ^b										
American Indian or Alaska Native	D	D	D	D	D	D	D	D	D	D
Asian	112,000	5,000	122,000	13,000	104,000	5,500	98,000	10,000	97,000	5,000
Black or African American	128,000	29,500	147,000	10,500	98,000	3,000	D	D	D	D
White	122,000	3,500	146,000	8,000	105,000	6,000	109,000	12,000	101,000	12,500
Other race ^c	S	S	S	S	D	D	D	D	D	D

TABLE 64

Median annual salary 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: 2023

(Dollars and SE)

Field of study, ethnicity, and race	All full-time employed		Tenured		Not tenured				Tenure not applicable	
	Median salary	SE	Median salary	SE	On tenure track		Not on tenure track		Median salary	SE
					Median salary	SE	Median salary	SE		
Mathematics and statistics	99,000	1,000	109,000	3,000	91,000	3,500	78,000	3,000	73,000	4,000
Hispanic or Latino ^a	98,000	4,000	114,000	9,500	102,000	18,500	75,000	5,500	76,000	10,000
Not Hispanic or Latino ^b										
American Indian or Alaska Native	D	D	D	D	D	D	D	D	D	D
Asian	99,000	500	100,000	10,500	107,000	8,500	96,000	5,500	65,000	4,500
Black or African American	88,000	6,500	89,000	5,500	74,000	8,500	60,000	4,500	90,000	20,000
White	99,000	2,000	113,000	4,000	87,000	3,000	77,000	3,500	74,000	5,500
Other race ^c	74,000	10,000	S	S	73,000	11,000	D	D	D	D
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	100,000	1,500	119,000	3,500	90,000	2,000	84,000	5,000	80,000	3,000
Hispanic or Latino ^a	82,000	4,000	99,000	7,500	78,000	8,500	77,000	10,500	67,000	4,500
Not Hispanic or Latino ^b										
American Indian or Alaska Native	*	*	D	D	D	D	D	D	D	D
Asian	92,000	4,000	129,000	11,500	97,000	6,500	83,000	4,000	69,000	1,500
Black or African American	82,000	9,000	94,000	8,500	75,000	17,000	64,000	4,500	65,000	5,500
White	101,000	2,500	119,000	3,000	89,000	3,000	87,000	6,500	91,000	4,000
Other race ^c	99,000	6,500	110,000	11,000	98,000	4,000	71,000	6,000	82,000	14,500
Psychology	100,000	1,500	109,000	1,000	83,000	3,000	97,000	6,000	96,000	3,000
Hispanic or Latino ^a	99,000	5,000	104,000	5,000	91,000	7,000	97,000	12,500	93,000	7,500
Not Hispanic or Latino ^b										
American Indian or Alaska Native	82,000	17,000	D	D	D	D	D	D	D	D
Asian	97,000	6,500	105,000	6,500	91,000	5,500	69,000	15,000	83,000	8,000
Black or African American	106,000	5,500	130,000	13,500	80,000	6,000	98,000	10,000	105,000	7,500
White	100,000	2,500	110,000	1,500	82,000	3,000	98,000	5,500	97,000	4,000
Other race ^c	95,000	8,000	107,000	15,000	85,000	7,500	S	S	89,000	13,500
Social sciences	102,000	2,000	117,000	3,500	90,000	2,000	79,000	1,500	87,000	4,000
Hispanic or Latino ^a	103,000	4,000	118,000	9,500	88,000	7,000	67,000	3,500	76,000	13,000
Not Hispanic or Latino ^b										
American Indian or Alaska Native	85,000	15,000	94,000	7,000	D	D	D	D	D	D
Asian	107,000	3,500	117,000	4,500	102,000	7,000	85,000	6,000	89,000	7,000
Black or African American	100,000	2,000	113,000	7,500	87,000	6,500	73,000	4,000	90,000	5,000
White	101,000	2,000	117,000	4,500	86,000	3,500	79,000	2,500	85,000	5,000
Other race ^c	99,000	10,500	116,000	5,000	86,000	5,500	84,000	6,500	94,000	8,500

TABLE 64

Median annual salary 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: 2023

(Dollars and SE)

Field of study, ethnicity, and race	All full-time employed		Tenured		Not tenured				Tenure not applicable	
	Median salary	SE	Median salary	SE	On tenure track		Not on tenure track		Median salary	SE
					Median salary	SE	Median salary	SE		
Engineering	120,000	500	143,000	4,500	103,000	2,500	99,000	2,500	92,000	4,000
Hispanic or Latino ^a	109,000	2,500	119,000	5,000	108,000	3,000	92,000	6,500	90,000	13,500
Not Hispanic or Latino ^b										
American Indian or Alaska Native	S	S	D	D	D	D	D	D	D	D
Asian	110,000	3,000	136,000	6,000	100,000	1,000	93,000	9,000	74,000	3,500
Black or African American	111,000	7,500	122,000	28,500	107,000	5,500	79,000	12,500	96,000	10,500
White	127,000	4,000	150,000	5,500	104,000	2,500	109,000	6,500	114,000	10,000
Other race ^c	120,000	10,000	160,000	29,000	126,000	13,500	101,000	11,000	93,000	13,500
Health	107,000	2,500	120,000	3,000	89,000	1,500	104,000	4,500	102,000	4,000
Hispanic or Latino ^a	106,000	5,000	117,000	25,500	102,000	5,500	113,000	12,500	103,000	13,000
Not Hispanic or Latino ^b										
American Indian or Alaska Native	S	S	D	D	D	D	D	D	D	D
Asian	107,000	8,000	130,000	7,500	99,000	4,500	100,000	4,000	74,000	8,000
Black or African American	98,000	4,000	96,000	11,000	90,000	8,000	105,000	11,500	99,000	9,000
White	108,000	3,000	120,000	5,000	85,000	3,000	104,000	6,500	106,000	4,000
Other race ^c	86,000	12,500	S	S	82,000	9,000	S	S	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 individuals who reported being Native Hawaiian or Other Pacific Islander, single race, and those who reported being more than one race.**Note(s):**

Median annual salary 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 2023.

Source(s):

National Center for Science and Engineering Statistics, Survey of Doctorate Recipients, 2023.