

TABLE 65

## Median annual salary of U.S. residing full-time employed doctoral scientists and engineers, by occupation, ethnicity, race, and sex: 2023

(Dollars and SE)

Occupation	All full-time employed						Hispanic or Latino <sup>a</sup>						Not Hispanic or Latino <sup>b</sup>																															
	Total		Male		Female		Total		Male		Female		American Indian or Alaska Native				Asian				Black or African American				White				Other race <sup>c</sup>															
	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	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE								
All occupations	137,000	1,500	150,000	1,000	120,000	500	120,000	2,500	130,000	2,500	109,000	2,500	110,000	11,500	119,000	13,000	100,000	6,000	150,000	500	152,000	3,000	135,000	3,000	120,000	1,000	124,000	2,000	115,000	4,000	134,000	1,500	147,000	2,000	117,000	1,500	125,000	3,500	135,000	5,500	115,000	5,000		
Science occupations	125,000	1,500	135,000	1,000	112,000	2,000	112,000	3,500	123,000	4,000	102,000	3,000	95,000	7,000	97,000	20,000	88,000	6,500	140,000	1,000	150,000	3,500	128,000	2,500	110,000	3,000	116,000	5,000	105,000	4,000	121,000	2,000	130,000	2,500	108,000	1,500	119,000	3,500	121,000	8,000	111,000	8,500		
Biological, agricultural, and other life scientists	120,000	500	123,000	2,500	113,000	3,000	106,000	4,500	114,000	6,500	99,000	2,500	85,000	17,000	S	S	86,000	20,500	123,000	3,500	125,000	3,500	120,000	500	118,000	5,500	120,000	5,500	109,000	7,500	120,000	1,000	123,000	2,500	110,000	1,000	120,000	7,000	120,000	8,500	120,000	9,500		
Agricultural, food scientists	124,000	2,500	130,000	5,500	117,000	4,500	123,000	7,500	135,000	11,500	110,000	7,500	D	D	D	D	D	D	118,000	5,000	123,000	5,500	114,000	7,500	100,000	7,500	100,000	14,000	94,000	11,500	130,000	5,500	139,000	5,500	120,000	4,500	123,000	5,500	S	S	122,000	11,500		
Biochemists, biophysicists	122,000	4,500	128,000	4,500	115,000	5,500	128,000	9,500	130,000	9,000	98,000	17,500	D	D	D	D	D	D	116,000	6,500	116,000	7,000	106,000	15,000	83,000	24,000	96,000	31,500	79,000	24,000	129,000	2,500	131,000	7,000	117,000	6,000	150,000	17,500	148,000	26,500	158,000	13,000		
Biological scientists	116,000	3,500	120,000	1,500	109,000	2,500	97,000	9,000	101,000	11,000	96,000	12,500	S	S	D	D	D	D	120,000	2,500	118,000	5,500	120,000	2,000	119,000	9,000	139,000	25,000	107,000	8,500	115,000	4,000	120,000	1,500	114,000	5,000	112,000	10,500	112,000	20,000	103,000	20,000		
Forestry, conservation scientists	104,000	6,500	121,000	12,000	85,000	5,500	88,000	18,500	100,000	22,500	71,000	3,500	D	D	D	D	D	D	97,000	20,000	S	S	D	D	D	D	D	D	*	*	D	D	109,000	6,000	129,000	8,500	87,000	5,000	S	S	D	D	S	S
Medical scientists	143,000	3,500	149,000	4,000	138,000	3,000	125,000	9,000	130,000	15,000	120,000	9,000	D	D	D	D	D	D	138,000	4,500	140,000	3,000	130,000	8,500	135,000	11,500	172,000	32,000	124,000	6,500	149,000	2,500	150,000	5,000	144,000	5,000	137,000	11,000	142,000	18,500	133,000	12,000		
Postsecondary teachers, agricultural, other natural sciences	110,000	2,500	115,000	4,500	103,000	5,500	99,000	5,000	100,000	6,000	92,000	5,500	D	D	D	D	D	D	109,000	4,500	107,000	5,000	109,000	2,500	91,000	18,500	88,000	23,500	98,000	22,500	110,000	4,000	115,000	4,000	100,000	6,000	D	D	D	D	D	D		
Postsecondary teachers, biological sciences	95,000	1,500	100,000	2,000	87,000	2,500	85,000	2,500	90,000	5,500	80,000	2,500	D	D	D	D	D	D	117,000	5,000	120,000	6,500	112,000	11,000	86,000	6,500	89,000	4,500	79,000	13,000	90,000	1,500	98,000	3,000	85,000	1,500	95,000	7,500	89,000	20,000	101,000	13,500		
Other biological, agricultural, life scientists	129,000	4,000	132,000	6,000	124,000	2,500	104,000	8,500	109,000	12,000	98,000	10,500	D	D	D	D	D	D	129,000	3,500	129,000	10,500	128,000	4,500	138,000	9,500	130,000	11,500	139,000	15,500	129,000	2,500	137,000	7,500	122,000	4,000	119,000	7,000	134,000	15,500	101,000	7,500		
Computer and information scientists	176,000	3,000	180,000	500	159,000	5,500	155,000	8,500	171,000	9,000	135,000	3,500	S	S	D	D	D	D	184,000	6,000	189,000	4,000	166,000	9,500	159,000	13,000	167,000	17,000	148,000	11,500	171,000	3,000	175,000	2,000	150,000	5,500	176,000	18,500	180,000	25,000	166,000	26,500		
Computer and information scientists	185,000	2,500	164,000	1,500	170,000	4,000	164,000	10,000	179,000	7,000	136,000	1,500	S	S	D	D	D	D	194,000	7,500	198,000	2,500	179,000	6,000	177,000	12,000	153,000	10,000	179,000	1,000	182,000	3,500	168,000	6,500	172,000	11,500	171,000	10,500	177,000	26,000	166,000	26,500		
Postsecondary teachers, computer science	112,000	3,000	115,000	3,500	105,000	6,000	108,000	9,000	115,000	12,500	91,000	13,500	D	D	D	D	D	D	111,000	3,500	114,000	4,000	101,000	6,000	125,000	22,500	103,000	11,000	147,000	23,500	110,000	3,500	113,000	6,500	102,000	6,500	S	S	S	S	*	*		
Mathematical scientists	136,000	2,500	139,000	2,000	130,000	2,500	124,000	9,500	125,000	9,500	110,000	19,000	D	D	D	D	D	D	150,000	3,000	150,000	7,000	149,000	3,000	114,000	8,500	116,000	11,500	111,000	10,500	129,000	2,000	135,000	4,000	118,000	4,000	121,000	17,000	122,000	24,500	112,000	22,000		
Mathematical scientists	160,000	2,500	169,000	4,500	150,000	1,500	149,000	5,500	150,000	7,000	138,000	19,500	D	D	D	D	D	D	169,000	5,000	169,000	5,000	167,000	9,000	137,000	7,000	146,000	8,500	128,000	7,500	160,000	3,500	170,000	5,500	140,000	6,500	139,000	10,000	140,000	35,000	136,000	2,500		
Postsecondary teachers, mathematics, statistics	95,000	2,000	99,000	1,000	89,000	3,000	99,000	8,000	99,000	4,500	80,000	3,000	D	D	D	D	D	D	99,000	2,500	99,000	500	95,000	4,000	83,000	6,000	80,000	2,000	98,000	8,500	95,000	3,500	99,000	2,500	85,000	6,000	69,000	12,500	S	S	S	S	69,000	7,500
Physical scientists	120,000	500	125,000	3,000	102,000	3,000	112,000	6,000	120,000	8,000	94,000	5,000	129,000	10,000	122,000	12,500	D	D	120,000	1,500	125,000	6,000	109,000	2,000	102,000	5,000	98,000	7,500	106,000	6,500	120,000	1,000	130,000	2,500	100,000	1,000	110,000	7,500	109,000	11,500	110,000	8,500		
Chemists, except biochemists	130,000	2,000	137,000	4,000	120,000	4,500	128,000	4,000	130,000	14,000	123,000	3,500	D	D	D	D	D	D	128,000	2,500	129,000	5,000	115,000	7,500	117,000	6,000	118,000	13,500	115,000	10,000	137,000	3,500	143,000	3,500	119,000	5,500	111,000	15,000	100,000	29,000	D	D		
Earth, atmospheric, ocean scientists	125,000	4,500	132,000	4,500	110,000	3,000	112,000	8,000	117,000	12,000	107,000	12,500	D	D	D	D	D	D	110,000	8,000	115,000	16,000	108,000	6,500	114,000	9,000	113,000	9,000	112,000	22,000	130,000	3,000	139,000	6,000	108,000	4,500	102,000	11,500	106,000	14,000	90,000	9,500		
Physicists, astronomers	150,000	3,500	156,000	5,500	129,000	5,000	143,000	4,000	143,000	4,000	135,000	33,500	D	D	D	D	D	D	126,000	9,500	126,000	15,000	117,000	34,000	S	S	139,000	19,500	S	S	160,000	3,500	162,000	4,500	139,000	3,000	122,000	22,500	85,000	40,000	D	D		
Postsecondary teachers, chemistry	84,000	2,000	90,000	4,000	79,000	2,500	78,000	2,500	80,000	9,000	76,000	2,500	D	D	D	D	D	D	85,000	6,500	81,000	11,000	85,000	9,000	72,000	5,500	70,000	5,000	79,000	14,500	85,000	3,000	94,000	3,000	78,000	3,000	95,000	10,000	80,000	15,500	99,000	3,500		
Postsecondary teachers, physics	100,000	5,000	100,000	3,500	106,000	6,500	87,000	8,000	85,000	12,500	76,000	15,000	D	D	D	D	D	D	111,000	12,000	106,000	8,500	159,000	16,500	80,000	10,500	82,000	10,000	D	D	99,000	3,500	99,000	4,000	103,000	6,500	98,000	17,500	S	S	D	D		
Postsecondary teachers, other physical science	98,000	2,500	100,000	1,500	91,000	3,000	76,000	5,500	70,000	11,500	79,000	4,500	D	D	D	D	D	D	97,000	7,500	95,000	9,000	103,000	8,500	95,000	26,000	99,000	29,000	68,000	9,500	100,000	2,000	100,000	3,500	91,000	3,000	97,000	17,500	85,000	11,500	110,000	12,000		
Other physical scientists	148,000	4,500	150,000	5,500	143,000	8,500	134,000	6,000	133,000	7,000	131,000	9,500	D	D																														

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(Dollars and SE)

Occupation	All full-time employed						Hispanic or Latino <sup>a</sup>						Not Hispanic or Latino <sup>b</sup>																															
	Total		Male		Female		Total		Male		Female		American Indian or Alaska Native						Asian						Black or African American						White						Other race <sup>c</sup>							
	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	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE						
Postsecondary teachers, sociology	89,000	2,500	89,000	5,500	89,000	3,500	100,000	5,000	103,000	19,000	100,000	5,500	D	D	D	D	D	D	97,000	13,500	83,000	8,500	102,000	6,000	91,000	8,000	99,000	5,000	85,000	7,500	85,000	3,000	88,000	6,500	83,000	3,500	86,000	8,000	D	D	86,000	9,000		
Postsecondary teachers, other social sciences	92,000	2,000	92,000	3,000	92,000	2,500	85,000	3,500	84,000	4,000	87,000	6,500	91,000	8,500	D	D	D	D	81,000	7,500	93,000	9,000	100,000	11,000	90,000	5,500	96,000	4,000	95,000	5,500	97,000	7,000	92,000	2,500	91,000	3,500	93,000	2,500	84,000	8,500	87,000	28,500	83,000	7,000
Sociologists, anthropologists	110,000	7,500	97,000	12,000	120,000	12,000	123,000	4,500	111,000	14,000	130,000	13,500	D	D	D	D	D	D	119,000	16,000	S	S	120,000	15,000	121,000	17,500	D	D	130,000	26,000	102,000	5,500	92,000	7,000	107,000	8,000	162,000	16,500	S	S	D	D		
Other social scientists	125,000	4,000	130,000	5,000	119,000	5,000	116,000	6,000	139,000	23,000	114,000	8,000	D	D	D	D	D	D	141,000	15,000	145,000	31,000	139,000	14,500	128,000	14,000	148,000	32,000	99,000	16,500	125,000	4,500	129,000	5,000	118,000	6,000	128,000	20,500	S	S	148,000	20,000		
Engineering occupations	150,000	500	153,000	2,500	140,000	2,000	130,000	3,500	128,000	5,500	130,000	4,500	176,000	7,500	178,000	6,000	D	D	150,000	500	151,000	3,000	140,000	4,000	130,000	7,000	137,000	8,500	129,000	2,000	153,000	2,500	157,000	2,500	139,000	2,500	147,000	16,000	157,000	13,000	134,000	5,500		
Aerospace, aeronautical, astronautical engineers	170,000	2,500	141,000	3,000	140,000	11,500	141,000	6,000	140,000	9,000	D	D	D	D	D	D	D	D	169,000	6,500	169,000	10,000	166,000	19,000	141,000	10,500	*	*	175,000	5,000	177,000	5,000	156,000	14,500	161,000	21,500	164,000	14,000	*	*				
Chemical engineers	149,000	3,500	150,000	4,500	140,000	7,000	147,000	16,500	153,000	14,500	120,000	12,500	D	D	D	D	D	D	145,000	3,500	146,000	3,500	138,000	9,500	146,000	20,000	146,000	18,500	D	D	155,000	5,500	155,000	6,500	144,000	17,000	D	D	D	D				
Civil, architectural, sanitary engineers	128,000	4,000	130,000	5,000	114,000	6,500	106,000	10,000	109,000	10,500	101,000	17,000	D	D	D	D	D	D	115,000	6,000	117,000	6,500	109,000	5,000	103,000	25,000	107,000	25,000	S	S	144,000	7,000	149,000	3,000	120,000	7,000	S	S	S	S				
Electrical engineers	180,000	500	180,000	3,500	165,000	4,000	168,000	9,000	168,000	11,000	155,000	33,000	D	D	D	D	D	D	180,000	1,000	181,000	5,000	164,000	3,500	161,000	4,500	164,000	6,500	148,000	11,000	182,000	4,000	183,000	3,500	174,000	5,000	159,000	25,000	159,000	26,500	D	D		
Industrial engineers	129,000	14,500	120,000	18,000	116,000	12,500	120,000	15,000	118,000	9,000	12,500	D	D	D	D	D	D	D	120,000	12,000	D	D	110,000	16,500	D	D	D	D	137,000	19,000	129,000	19,000	121,000	21,000	D	D	D	D	D	D				
Mechanical engineers	150,000	1,000	150,000	3,000	137,000	5,000	125,000	7,000	125,000	7,000	D	D	D	D	D	D	D	D	149,000	5,000	150,000	3,500	131,000	8,500	127,000	4,000	126,000	10,500	D	D	155,000	3,000	155,000	2,500	142,000	10,000	136,000	25,500	D	D	S	S		
Postsecondary teachers, engineering	120,000	500	120,000	500	116,000	5,500	110,000	4,000	109,000	6,500	111,000	12,500	D	D	D	D	D	D	119,000	1,500	119,000	1,500	109,000	14,500	106,000	5,500	101,000	6,500	126,000	9,000	120,000	1,000	120,000	3,000	117,000	6,500	125,000	9,000	120,000	6,000	S	S		
Other engineers	150,000	1,000	155,000	3,000	140,000	3,000	138,000	5,500	138,000	6,500	133,000	7,500	*	*	*	*	D	D	150,000	1,000	152,000	4,500	144,000	6,000	134,000	13,000	166,000	36,000	126,000	6,000	152,000	3,500	157,000	3,500	137,000	5,000	134,000	14,000	169,000	38,000	134,000	3,500		
S&E-related occupations	145,000	2,500	171,000	4,500	125,000	3,500	118,000	5,000	139,000	9,000	104,000	6,000	140,000	8,500	113,000	40,000	141,000	8,500	169,000	4,000	183,000	7,500	149,000	6,500	124,000	3,000	144,000	9,500	116,000	6,500	143,000	3,500	174,000	4,000	123,000	4,000	123,000	8,000	129,000	24,000	115,000	7,500		
Health occupations, except postsecondary teachers and managers	130,000	1,000	149,000	4,500	120,000	1,000	101,000	6,000	109,000	8,500	99,000	2,500	123,000	25,500	D	D	D	D	159,000	12,000	187,000	23,000	130,000	10,000	123,000	5,500	125,000	13,000	121,000	7,500	130,000	2,500	149,000	3,500	120,000	3,500	112,000	9,000	144,000	22,500	109,000	5,000		
Postsecondary teachers, health and related science	120,000	3,000	136,000	8,500	109,000	3,000	118,000	10,000	138,000	39,000	106,000	5,500	D	D	D	D	D	D	121,000	6,500	125,000	9,000	119,000	7,000	103,000	7,000	109,000	11,500	99,000	8,500	120,000	4,000	139,000	8,500	107,000	3,500	119,000	9,500	151,000	56,500	94,000	21,500		
S&E managers, including health	194,000	5,000	200,000	2,000	172,000	4,500	151,000	9,000	186,000	18,000	125,000	10,500	D	D	D	D	D	D	199,000	6,000	200,000	5,000	179,000	13,000	152,000	5,000	151,000	5,000	156,000	15,500	195,000	4,000	204,000	7,000	174,000	5,000	171,000	17,000	155,000	41,500	171,000	16,500		
S&E precollege teachers	74,000	3,000	75,000	3,000	70,000	5,000	76,000	3,500	82,000	6,500	73,000	6,000	D	D	D	D	D	D	73,000	4,000	76,000	4,000	S	S	62,000	3,500	D	D	62,000	4,000	74,000	2,500	75,000	2,500	71,000	5,000	S	S	S	S	D	D		
S&E technicians and technologists	159,000	3,000	159,000	4,000	140,000	19,500	177,000	6,500	177,000	6,000	D	D	D	D	D	D	D	D	155,000	9,000	155,000	7,500	118,000	13,000	D	D	D	D	159,000	4,500	159,000	7,500	156,000	16,500	196,000	15,500	199,000	20,000	D	D	D	D		
Other S&E-related occupations	166,000	23,500	177,000	31,000	150,000	19,500	D	D	D	D	D	D	D	D	D	D	D	D	157,000	19,000	157,000	27,500	150,000	22,000	D	D	D	D	181,000	46,000	182,000	40,500	D	D	D	D	D	D	D	D	D			
Non-S&E occupations	154,000	3,500	175,000	4,000	133,000	4,000	133,000	6,000	158,000	7,000	115,000	5,500	114,000	11,000	116,000	21,000	103,000	18,500	175,000	5,500	183,000	7,500	165,000	12,000	130,000	7,500	132,000	15,500	130,000	7,500	150,000	4,500	176,000	4,500	130,000	2,000	140,000	9,000	164,000	18,000	113,000	6,000		
Arts, humanities-related occupations	99,000	2,000	97,000	6,000	100,000	2,000	99,000	8,500	114,000	11,500	91,000	5,500	D	D	D	D	D	D	92,000	7,500	96,000	37,000	90,000	10,000	84,000	10,500	73,000	31,500	85,000	9,500	100,000	2,500	91,000	9,500	100,000	5,500	102,000	9,000	D	D	103,000	14,000		
Management-related occupations	160,000	4,000	179,000	2,500	144,000	3,500	134,000	8,500	141,000	9,000	130,000	13,000	D	D	D	D	D	D	179,000	4,000	188,000	10,500	174,000	7,500	148,000	5,500	136,000	30,500	148,000	4,000	154,000	4,500	179,000	3,500	130,000	5,500	124,000	22,500	163,000	78,500	109,000	11,000		
Non-S&E managers	200,000	500	220,000	4,500	183,000	4,500	199,000	12,500	199,000	14,000	170,000	24,500	127,000	39,000	D	D	D	D	224,000	14,000	240,000	25,500	211,000	10,500	169,000	7,000	180,000	12,000	164,000	9,500	200,000	500	219,000	7,000	180,000	2,500	191,000	14,500	222,000	44,500	170,000	10,500		
Non-S&E postsecondary teachers	101,000	3,000	113,000	4,500	90,000	2,500	99,000	6,000	110,000	10,500	89,000	5,500	S	S	D	D	D	D	100,000	5,500	113,000	8,000	89,000	3,500	101,000	12,000	99,000	18,500	103,000	17,500	104,000	5,000	114,000	5,500	93,000	4,000	91,000	7,000	92,000	5,000	87,000	10,500		
Non-S&E precollege																																												

\* = suppressed when population estimate < 25. D = suppressed to avoid disclosure of confidential information. S = suppressed for reliability; coefficient of variation exceeds publication standards.

S&E = science and engineering; SE = standard error.

<sup>a</sup> Hispanic or Latino may be of any race.

<sup>b</sup> American Indian or Alaska Native, Asian, Black or African American, and White are single race.

<sup>c</sup> 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. 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.