TABLE 66

Median annual salaries of U.S. residing full-time employed doctoral scientists and engineers, by occupation and citizenship status: 2021

(Dollars)

Occupation	All full-time employed		U.S. citizen						Non-U.S. citizen					
			Total		Native born		Naturalized		Total		Permanent resident		Temporary resident	
	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE
All occupations	122,000	1,500	125,000	500	120,000	500	142,000	3,000	115,000	1,500	120,000	2,000	97,000	4,000
Science occupations	110,000	1,000	112,000	2,000	108,000	1,000	130,000	2,500	107,000	3,500	118,000	4,000	90,000	3,000
Biological, agricultural, and other life scientists	105,000	500	110,000	500	106,000	2,000	120,000	4,500	79,000	3,500	97,000	3,500	60,000	1,000
Agricultural, food scientists	116,000	5,000	123,000	4,500	124,000	5,000	120,000	3,000	83,000	5,000	89,000	3,500	68,000	9,500
Biochemists, biophysicists	100,000	2,500	119,000	5,500	112,000	6,500	128,000	8,000	69,000	4,500	94,000	6,500	58,000	2,500
Biological scientists	97,000	4,000	102,000	3,500	100,000	2,000	110,000	3,500	62,000	4,000	81,000	7,500	56,000	2,500
Forestry, conservation scientists	93,000	5,500	97,000	5,500	95,000	5,500	111,000	23,500	54,000	3,000	50,000	9,000	S	S
Medical scientists	125,000	2,000	130,000	5,000	129,000	2,000	140,000	4,500	91,000	7,500	100,000	8,500	64,000	3,500
Postsecondary teachers, agricultural, other natural sciences	100,000	3,500	100,000	2,000	101,000	2,500	99,000	3,500	83,000	6,000	90,000	7,500	69,000	15,000
Postsecondary teachers, biological sciences	90,000	2,000	91,000	2,500	89,000	2,500	107,000	4,000	88,000	5,500	88,000	4,500	62,000	6,500
Other biological, agricultural, life scientists	115,000	4,500	120,000	4,500	115,000	4,500	135,000	5,000	88,000	5,000	119,000	6,500	63,000	4,500
Computer and information scientists	150,000	500	150,000	500	150,000	1,000	150,000	2,500	156,000	4,500	160,000	4,500	149,000	2,000
Computer and information scientists	160,000	500	157,000	3,000	155,000	2,500	159,000	2,500	165,000	5,500	174,000	6,000	150,000	3,000
Postsecondary teachers, computer science	101,000	3,500	110,000	2,000	101,000	5,000	118,000	7,500	94,000	3,500	93,000	4,500	98,000	5,000
Mathematical scientists	120,000	1,500	120,000	4,000	111,000	4,000	125,000	4,000	125,000	5,500	131,000	10,500	115,000	9,000
Mathematical scientists	150,000	1,000	150,000	1,500	149,000	5,500	154,000	9,000	150,000	2,500	156,000	4,500	132,000	8,500
Postsecondary teachers, mathematics, statistics	90,000	500	91,000	2,000	88,000	2,500	97,000	2,500	84,000	5,500	88,000	3,000	73,000	5,500
Physical scientists	108,000	2,500	110,000	1,000	108,000	2,000	121,000	5,500	94,000	4,000	100,000	6,500	74,000	4,000
Chemists, except biochemists	124,000	4,000	130,000	2,000	130,000	3,500	130,000	6,000	100,000	7,000	109,000	7,000	81,000	9,000

TABLE 66

Median annual salaries of U.S. residing full-time employed doctoral scientists and engineers, by occupation and citizenship status: 2021

(Dollars)

Occupation	All full-time employed		U.S. citizen						Non-U.S. citizen					
			Total		Native born		Naturalized		Total		Permanent resident		Temporary resident	
	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE
Earth, atmospheric, ocean scientists	116,000	4,500	120,000	2,500	116,000	5,000	128,000	9,000	95,000	10,500	122,000	11,000	63,000	4,000
Physicists, astronomers	138,000	5,000	144,000	5,500	143,000	5,500	149,000	7,000	90,000	14,000	108,000	10,000	65,000	4,500
Postsecondary teachers, chemistry	80,000	2,000	80,000	2,500	80,000	3,000	80,000	6,000	71,000	6,500	69,000	5,500	88,000	11,000
Postsecondary teachers, physics	96,000	3,500	95,000	3,500	91,000	3,000	107,000	4,000	99,000	3,500	100,000	6,000	76,000	9,500
Postsecondary teachers, other physical science	91,000	3,000	92,000	3,000	89,000	2,500	106,000	10,500	85,000	7,500	88,000	10,500	78,000	3,500
Other physical scientists	131,000	4,000	135,000	4,500	133,000	3,500	152,000	14,000	100,000	14,000	101,000	23,500	85,000	18,500
Psychologists	101,000	1,500	101,000	1,500	101,000	1,500	110,000	3,500	95,000	1,500	101,000	7,000	67,000	15,500
Psychologists	109,000	1,000	109,000	1,000	109,000	1,500	114,000	5,000	95,000	3,500	109,000	20,000	94,000	35,500
Postsecondary teachers, psychology	88,000	1,500	89,000	1,500	88,000	1,500	99,000	8,500	82,000	8,000	91,000	15,500	S	S
Social scientists	100,000	2,000	101,000	2,500	100,000	500	112,000	5,000	98,000	3,500	100,000	3,500	95,000	3,000
Economists	154,000	7,500	157,000	8,000	150,000	8,500	160,000	6,500	150,000	9,000	145,000	17,500	156,000	15,000
Political scientists	129,000	16,000	136,000	18,500	136,000	21,000	D	D	D	D	D	D	D	D
Postsecondary teachers, economics	118,000	2,500	120,000	3,500	121,000	3,500	117,000	7,500	109,000	6,000	117,000	6,000	92,000	9,500
Postsecondary teachers, political science	92,000	2,500	92,000	2,500	92,000	2,500	92,000	10,500	84,000	5,000	90,000	4,500	69,000	9,000
Postsecondary teachers, sociology	83,000	3,500	84,000	3,500	82,000	4,000	89,000	6,500	73,000	11,000	67,000	16,000	D	D
Postsecondary teachers, other social sciences	87,000	1,500	88,000	1,500	86,000	1,500	100,000	4,000	80,000	2,000	80,000	2,500	80,000	3,000
Sociologists, anthropologists	98,000	3,500	98,000	4,000	98,000	4,500	102,000	19,000	96,000	16,000	D	D	D	D
Other social scientists	110,000	3,000	111,000	3,000	110,000	2,500	113,000	9,000	96,000	17,000	111,000	20,500	67,000	21,000
Engineering occupations	137,000	2,500	144,000	2,000	140,000	1,000	149,000	1,000	120,000	500	124,000	2,500	104,000	3,500
Aerospace, aeronautical, astronautical engineers	155,000	5,500	159,000	3,500	158,000	6,000	160,000	4,500	112,000	23,000	134,000	16,500	74,000	19,000
Chemical engineers	139,000	4,500	149,000	4,000	143,000	9,500	150,000	5,500	120,000	4,000	129,000	8,500	103,000	10,500

TABLE 66

Median annual salaries of U.S. residing full-time employed doctoral scientists and engineers, by occupation and citizenship status: 2021

(Dollars)

Occupation	All full-time employed		U.S. citizen						Non-U.S. citizen					
			Total		Native born		Naturalized		Total		Permanent resident		Temporary resident	
	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE
Civil, architectural, sanitary engineers	115,000	6,000	127,000	5,000	117,000	8,500	129,000	8,000	92,000	3,000	95,000	4,000	83,000	6,000
Electrical engineers	159,000	2,000	165,000	3,500	160,000	3,500	169,000	4,000	149,000	500	150,000	1,500	131,000	4,500
Industrial engineers	125,000	11,000	132,000	12,000	140,000	15,000	123,000	11,000	120,000	13,000	123,000	33,000	119,000	7,500
Mechanical engineers	132,000	5,000	141,000	4,000	145,000	8,000	140,000	3,500	115,000	6,500	120,000	1,500	100,000	5,000
Postsecondary teachers, engineering	110,000	2,000	119,000	2,500	113,000	2,500	124,000	4,500	96,000	2,500	98,000	2,500	88,000	5,500
Other engineers	135,000	3,000	142,000	3,000	139,000	4,000	150,000	5,000	115,000	6,500	124,000	5,000	109,000	8,500
S&E-related occupations	140,000	1,000	140,000	3,500	132,000	4,000	169,000	4,500	129,000	1,000	136,000	8,000	110,000	16,000
Health occupations, except postsecondary teachers and managers	140,000	4,000	142,000	5,500	136,000	5,000	195,000	15,000	124,000	8,000	129,000	7,500	82,000	21,500
Postsecondary teachers, health and related science	109,000	2,000	109,000	1,500	108,000	2,500	120,000	4,500	93,000	6,000	102,000	10,000	79,000	6,500
S&E managers, including health	175,000	4,000	175,000	5,000	171,000	2,000	190,000	8,000	159,000	15,000	164,000	20,000	148,000	28,000
S&E precollege teachers	69,000	1,500	69,000	1,500	69,000	2,000	72,000	9,000	58,000	10,000	D	D	D	D
S&E technicians/ technologists	140,000	3,000	145,000	5,500	145,000	7,000	147,000	7,500	120,000	9,500	129,000	7,000	111,000	33,500
Other S&E-related occupations	139,000	18,500	137,000	25,500	171,000	28,500	125,000	12,000	140,000	32,500	131,000	37,500	D	D
Non-S&E occupations	150,000	500	150,000	500	145,000	3,000	170,000	5,500	132,000	10,000	140,000	10,500	105,000	13,000
Arts, humanities-related occupations	100,000	5,000	103,000	4,000	100,000	4,500	111,000	14,500	76,000	11,000	81,000	9,000	S	S
Management-related occupations	147,000	4,000	146,000	4,000	140,000	3,500	151,000	8,500	159,000	19,000	162,000	15,000	115,000	39,000
Non-S&E managers	190,000	3,500	190,000	4,000	180,000	2,500	205,000	3,500	168,000	16,000	165,000	17,000	179,000	18,000
Non-S&E postsecondary teachers	100,000	1,500	98,000	3,500	94,000	3,500	108,000	6,500	118,000	6,500	128,000	10,500	95,000	14,000
Non-S&E precollege/ other teachers	69,000	7,000	70,000	6,500	70,000	7,000	62,000	13,500	D	D	D	D	D	D
Sales, marketing occupations	144,000	4,000	145,000	5,000	143,000	6,000	156,000	19,500	96,000	14,500	95,000	15,500	D	D

TABLE 66

Median annual salaries of U.S. residing full-time employed doctoral scientists and engineers, by occupation and citizenship status: 2021

(Dollars)

Occupation	All full-time employed		U.S. citizen						Non-U.S. citizen					
			Total		Native born		Naturalized		Total		Permanent resident		Temporary resident	
	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE	Median salary	SE
Social service-related occupations	71,000	4,500	73,000	4,500	71,000	4,500	77,000	14,000	D	D	D	D	D	D
Other non-S&E occupations	137,000	10,500	139,000	8,500	134,000	12,500	142,000	11,000	97,000	14,000	98,000	14,000	D	D

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.

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. 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.