TABLE 68

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

(Dollars)

Occupation	All full-time employed		≤ 5		6–10		11–15		16–20		21–25		> 25	
	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	93,000	1,000	110,000	500	123,000	3,000	133,000	3,500	145,000	3,000	150,000	500
Science occupations	110,000	1,000	89,000	2,000	101,000	1,500	112,000	2,500	120,000	500	125,000	2,000	135,000	2,000
Biological, agricultural, and other life scientists	105,000	500	67,000	2,000	94,000	2,000	109,000	1,500	120,000	4,000	130,000	5,000	142,000	5,500
Agricultural, food scientists	116,000	5,000	79,000	4,500	100,000	3,000	111,000	4,000	127,000	6,000	132,000	6,000	142,000	7,500
Biochemists, biophysicists	100,000	2,500	68,000	4,500	100,000	7,500	124,000	13,500	133,000	7,500	150,000	12,000	177,000	10,000
Biological scientists	97,000	4,000	61,000	2,000	88,000	4,500	106,000	5,000	120,000	5,500	139,000	10,000	138,000	10,500
Forestry, conservation scientists	93,000	5,500	65,000	5,500	89,000	4,500	105,000	12,000	95,000	29,500	108,000	25,000	121,000	6,000
Medical scientists	125,000	2,000	73,000	6,000	109,000	5,000	133,000	6,500	146,000	7,500	160,000	3,500	178,000	7,000
Postsecondary teachers, agricultural, other natural sciences	100,000	3,500	79,000	11,500	79,000	2,000	92,000	4,500	100,000	6,500	107,000	7,500	119,000	4,000
Postsecondary teachers, biological sciences	90,000	2,000	61,000	2,000	75,000	2,500	87,000	3,500	99,000	2,500	97,000	4,000	117,000	5,500
Other biological, agricultural, life scientists	115,000	4,500	72,000	5,000	110,000	7,000	126,000	6,000	143,000	6,500	148,000	13,500	150,000	13,000
Computer and information scientists	150,000	500	140,000	3,000	158,000	3,000	160,000	6,000	150,000	5,000	157,000	6,500	149,000	1,000
Computer and information scientists	160,000	500	150,000	4,000	169,000	4,000	170,000	9,500	159,000	3,500	164,000	7,500	157,000	7,000
Postsecondary teachers, computer science	101,000	3,500	93,000	2,500	91,000	3,500	105,000	8,000	110,000	8,000	130,000	14,000	127,000	10,000
Mathematical scientists	120,000	1,500	107,000	4,000	129,000	2,000	120,000	6,500	117,000	7,000	124,000	6,500	122,000	4,000
Mathematical scientists	150,000	1,000	125,000	4,000	151,000	5,000	156,000	8,500	170,000	11,500	173,000	5,500	171,000	9,500
Postsecondary teachers, mathematics, statistics	90,000	500	67,000	2,000	80,000	4,000	90,000	4,500	90,000	2,500	99,000	2,000	104,000	3,000
Physical scientists	108,000	2,500	80,000	2,500	98,000	3,000	103,000	3,500	122,000	4,500	125,000	3,500	138,000	5,000
Chemists, except biochemists	124,000	4,000	95,000	3,500	114,000	3,500	125,000	6,500	147,000	7,000	148,000	7,500	150,000	2,500

TABLE 68

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

(Dollars)

Occupation	All full-time employed		≤ 5		6–10		11–15		16–20		21–25		> 25	
	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	76,000	2,500	102,000	4,000	119,000	7,500	139,000	8,000	145,000	6,000	153,000	6,000
Physicists, astronomers	138,000	5,000	80,000	7,500	124,000	6,000	140,000	5,000	148,000	6,000	159,000	12,500	166,000	3,000
Postsecondary teachers, chemistry	80,000	2,000	62,000	5,000	69,000	1,500	74,000	3,000	84,000	3,000	89,000	7,500	96,000	5,500
Postsecondary teachers, physics	96,000	3,500	65,000	5,500	85,000	3,000	84,000	6,000	102,000	8,000	108,000	9,000	110,000	10,000
Postsecondary teachers, other physical science	91,000	3,000	68,000	2,000	79,000	3,000	85,000	3,000	98,000	4,000	102,000	6,500	112,000	7,500
Other physical scientists	131,000	4,000	85,000	11,000	118,000	11,500	133,000	8,000	146,000	26,000	145,000	11,000	166,000	4,500
Psychologists	101,000	1,500	90,000	2,000	96,000	2,500	102,000	4,000	105,000	2,500	105,000	4,000	118,000	4,500
Psychologists	109,000	1,000	95,000	2,500	104,000	3,000	114,000	4,500	118,000	5,500	115,000	6,000	119,000	2,500
Postsecondary teachers, psychology	88,000	1,500	68,000	2,500	77,000	5,000	83,000	3,500	94,000	5,000	94,000	3,500	110,000	4,500
Social scientists	100,000	2,000	87,000	2,500	90,000	2,500	99,000	1,500	110,000	2,500	112,000	5,500	130,000	3,500
Economists	154,000	7,500	139,000	7,500	139,000	5,000	180,000	15,000	159,000	9,500	173,000	14,000	179,000	16,000
Political scientists	129,000	16,000	90,000	9,000	154,000	52,000	128,000	19,000	D	D	S	S	176,000	18,000
Postsecondary teachers, economics	118,000	2,500	98,000	3,000	113,000	14,000	110,000	4,000	120,000	9,000	122,000	10,500	140,000	6,500
Postsecondary teachers, political science	92,000	2,500	75,000	5,000	86,000	6,000	75,000	2,000	103,000	11,500	122,000	18,000	119,000	8,500
Postsecondary teachers, sociology	83,000	3,500	67,000	6,500	71,000	1,500	82,000	6,500	93,000	5,500	86,000	3,500	116,000	8,500
Postsecondary teachers, other social sciences	87,000	1,500	72,000	3,000	74,000	2,000	89,000	2,000	96,000	5,000	98,000	4,500	115,000	5,500
Sociologists, anthropologists	98,000	3,500	75,000	9,000	89,000	5,500	118,000	11,000	101,000	36,000	107,000	11,000	134,000	32,500
Other social scientists	110,000	3,000	90,000	4,000	104,000	7,500	119,000	8,500	124,000	10,500	125,000	7,500	130,000	14,500
Engineering occupations	137,000	2,500	107,000	2,000	125,000	1,500	140,000	1,000	155,000	4,500	165,000	4,500	160,000	3,500
Aerospace, aeronautical, astronautical engineers	155,000	5,500	113,000	5,500	130,000	9,000	157,000	10,500	178,000	13,500	172,000	5,000	174,000	7,000
Chemical engineers	139,000	4,500	111,000	9,500	124,000	3,000	140,000	7,000	154,000	5,500	166,000	14,000	179,000	7,500

TABLE 68

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

(Dollars)

Occupation	All full-time employed		≤ 5		6–10		11–15		16–20		21–25		> 25	
	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	83,000	3,500	100,000	500	114,000	11,000	118,000	14,000	175,000	19,000	147,000	13,500
Electrical engineers	159,000	2,000	130,000	2,500	154,000	4,500	160,000	7,500	169,000	7,000	180,000	11,500	177,000	7,500
Industrial engineers	125,000	11,000	109,000	9,000	115,000	33,500	119,000	8,000	S	S	137,000	12,500	137,000	8,500
Mechanical engineers	132,000	5,000	107,000	5,500	118,000	1,000	145,000	8,500	155,000	14,000	169,000	15,000	150,000	8,500
Postsecondary teachers, engineering	110,000	2,000	90,000	1,500	96,000	2,000	110,000	2,000	119,000	5,500	122,000	6,000	145,000	7,000
Other engineers	135,000	3,000	109,000	3,000	130,000	4,000	140,000	5,500	159,000	4,500	167,000	5,000	160,000	8,000
S&E-related occupations	140,000	1,000	90,000	4,000	120,000	3,000	147,000	4,500	165,000	5,000	170,000	8,000	174,000	6,000
Health occupations, except postsecondary teachers and managers	140,000	4,000	75,000	3,500	120,000	6,000	150,000	11,000	196,000	10,500	196,000	14,000	174,000	18,000
Postsecondary teachers, health and related science	109,000	2,000	80,000	3,500	94,000	3,000	115,000	6,000	120,000	8,500	118,000	2,500	149,000	7,000
S&E managers, including health	175,000	4,000	113,000	5,000	149,000	9,500	172,000	5,000	184,000	9,000	185,000	8,500	200,000	2,000
S&E precollege teachers	69,000	1,500	59,000	5,000	61,000	4,000	65,000	4,500	74,000	3,000	74,000	6,500	73,000	7,000
S&E technicians/ technologists	140,000	3,000	115,000	5,000	139,000	10,000	168,000	13,000	170,000	23,000	166,000	17,000	152,000	15,500
Other S&E-related occupations	139,000	18,500	S	S	163,000	36,500	124,000	12,500	D	D	D	D	168,000	17,500
Non-S&E occupations	150,000	500	95,000	3,500	117,000	5,500	135,000	4,500	149,000	4,000	179,000	5,000	180,000	3,000
Arts, humanities-related occupations	100,000	5,000	84,000	4,500	108,000	5,500	105,000	12,500	120,000	24,000	111,000	10,000	98,000	9,500
Management-related occupations	147,000	4,000	105,000	5,500	129,000	8,500	149,000	7,000	144,000	7,500	169,000	5,000	161,000	12,500
Non-S&E managers	190,000	3,500	109,000	2,500	150,000	7,000	164,000	4,500	175,000	6,500	206,000	6,500	208,000	5,000
Non-S&E postsecondary teachers	100,000	1,500	75,000	3,000	90,000	4,000	90,000	2,500	99,000	4,000	107,000	7,000	124,000	9,000
Non-S&E precollege/ other teachers	69,000	7,000	61,000	11,500	75,000	36,500	77,000	17,500	65,000	12,500	75,000	6,500	58,000	10,500
Sales, marketing occupations	144,000	4,000	93,000	3,500	119,000	4,500	144,000	6,000	157,000	13,500	158,000	28,500	158,000	12,500

TABLE 68

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

(Dollars)

Occupation	All full-time employed		≤ 5		6–10		11–15		16–20		21–25		> 25	
	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	60,000	7,500	74,000	5,500	77,000	8,000	73,000	3,500	59,000	2,500	83,000	17,000
Other non-S&E occupations	137,000	10,500	90,000	6,000	101,000	11,500	139,000	20,500	140,000	15,500	150,000	32,500	151,000	15,500

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.