

Table 9-16

Median annual salary of scientists and engineers employed full time, by broad occupation, age, highest degree level, and sex: 2019

(Dollars)

Occupation and age (years)	All degrees ^a			Bachelor's			Master's			Doctorate		
	Both sexes	Female	Male	Both sexes	Female	Male	Both sexes	Female	Male	Both sexes	Female	Male
All occupations	80,000	70,000	95,000	72,000	60,000	83,000	88,000	75,000	102,000	104,000	90,000	110,000
29 and younger	55,000	50,000	62,000	51,000	47,000	58,000	60,000	52,000	75,000	68,000	75,000	67,000
30-39	79,000	70,000	85,000	70,000	61,000	78,000	83,000	72,000	95,000	85,000	80,000	87,000
40-49	95,000	80,000	107,000	85,000	70,000	100,000	100,000	84,000	112,000	110,000	95,000	125,000
50-75	98,000	80,000	110,000	85,000	70,000	100,000	100,000	83,000	120,000	120,000	101,000	130,000
S&E occupations ^b	95,000	80,000	100,000	90,000	78,000	95,000	100,000	85,000	108,000	101,000	89,000	110,000
29 and younger	67,000	57,000	71,000	65,000	54,000	68,000	75,000	66,000	78,000	75,000	75,000	68,000
30-39	90,000	80,000	95,000	89,000	81,000	90,000	95,000	80,000	102,000	86,000	80,000	92,000
40-49	105,000	92,000	111,000	102,000	88,000	107,000	114,000	100,000	120,000	105,000	90,000	120,000
50-75	110,000	96,000	118,000	105,000	90,000	110,000	120,000	100,000	124,000	120,000	104,000	130,000
Science occupations	92,000	80,000	100,000	87,000	75,000	93,000	100,000	82,000	108,000	100,000	88,000	107,000
29 and younger	62,000	53,000	66,000	58,000	50,000	65,000	72,000	63,000	78,000	69,000	75,000	60,000
30-39	88,000	79,000	93,000	87,000	80,000	89,000	92,000	75,000	104,000	82,000	76,000	85,000
40-49	103,000	90,000	111,000	100,000	85,000	108,000	110,000	100,000	119,000	100,000	90,000	110,000
50-75	106,000	92,000	112,000	100,000	85,000	107,000	113,000	97,000	120,000	115,000	100,000	122,000
Biological, agricultural, and other life scientist	66,000	68,000	65,000	53,000	55,000	50,000	65,000	69,000	63,000	89,000	82,000	94,000
29 and younger	40,000	45,000	38,000	36,000	36,000	36,000	46,000	49,000	41,000	71,000	75,000	50,000
30-39	61,000	62,000	60,000	55,000	54,000	55,000	60,000	62,000	52,000	70,000	68,000	74,000
40-49	91,000	95,000	88,000	80,000	88,000	69,000	84,000	80,000	86,000	102,000	102,000	99,000
50-75	98,000	81,000	101,000	73,000	67,000	84,000	82,000	80,000	84,000	115,000	99,000	120,000
Computer and information scientist	100,000	90,000	105,000	95,000	84,000	100,000	110,000	100,000	119,000	141,000	130,000	146,000
29 and younger	75,000	68,000	79,000	72,000	60,000	75,000	88,000	84,000	90,000	107,000	D	105,000
30-39	100,000	90,000	100,000	93,000	85,000	95,000	105,000	94,000	110,000	158,000	136,000	159,000
40-49	111,000	99,000	116,000	105,000	89,000	111,000	119,000	110,000	123,000	149,000	120,000	160,000
50-75	110,000	95,000	117,000	104,000	89,000	110,000	121,000	103,000	130,000	124,000	120,000	123,000
Mathematical scientist	83,000	73,000	88,000	73,000	78,000	72,000	85,000	67,000	100,000	85,000	72,000	100,000
29 and younger	67,000	68,000	63,000	55,000	55,000	55,000	71,000	75,000	70,000	96,000	S	D
30-39	78,000	71,000	83,000	80,000	88,000	68,000	73,000	52,000	100,000	76,000	72,000	77,000
40-49	92,000	65,000	109,000	88,000	S	105,000	103,000	86,000	126,000	89,000	59,000	135,000
50-75	102,000	94,000	104,000	102,000	S	104,000	88,000	67,000	99,000	112,000	121,000	103,000
Physical scientist	72,000	60,000	78,000	58,000	54,000	60,000	72,000	71,000	71,000	102,000	76,000	110,000
29 and younger	38,000	40,000	34,000	41,000	40,000	45,000	31,000	S	S	52,000	S	52,000
30-39	68,000	65,000	70,000	61,000	56,000	65,000	77,000	79,000	77,000	75,000	72,000	80,000
40-49	90,000	79,000	96,000	78,000	65,000	79,000	98,000	100,000	95,000	108,000	78,000	125,000
50-75	107,000	85,000	108,000	75,000	63,000	81,000	98,000	105,000	95,000	135,000	125,000	136,000
Psychologist	72,000	68,000	94,000	49,000	45,000	S	57,000	56,000	64,000	94,000	89,000	98,000
29 and younger	46,000	46,000	D	22,000	22,000	D	46,000	46,000	D	58,000	D	D
30-39	69,000	66,000	72,000	62,000	61,000	D	57,000	58,000	S	90,000	90,000	89,000
40-49	78,000	74,000	92,000	S	S	D	56,000	55,000	D	89,000	86,000	92,000
50-75	95,000	88,000	103,000	92,000	D	D	72,000	70,000	77,000	103,000	89,000	117,000
Social scientist	78,000	70,000	84,000	64,000	57,000	71,000	76,000	68,000	87,000	90,000	88,000	96,000
29 and younger	49,000	37,000	63,000	37,000	S	60,000	51,000	46,000	63,000	D	D	S

Table 9-16**Median annual salary of scientists and engineers employed full time, by broad occupation, age, highest degree level, and sex: 2019**

(Dollars)

Occupation and age (years)	All degrees ^a			Bachelor's			Master's			Doctorate		
	Both sexes	Female	Male	Both sexes	Female	Male	Both sexes	Female	Male	Both sexes	Female	Male
30–39	73,000	70,000	74,000	74,000	74,000	73,000	68,000	61,000	70,000	80,000	83,000	75,000
40–49	80,000	79,000	84,000	69,000	69,000	75,000	79,000	79,000	131,000	84,000	80,000	85,000
50–75	103,000	98,000	105,000	73,000	S	60,000	107,000	S	107,000	108,000	106,000	120,000
Engineering occupations	100,000	92,000	100,000	95,000	85,000	96,000	105,000	96,000	108,000	125,000	110,000	127,000
29 and younger	74,000	71,000	75,000	72,000	71,000	73,000	77,000	70,000	78,000	106,000	98,000	110,000
30–39	96,000	94,000	97,000	91,000	90,000	92,000	100,000	99,000	100,000	103,000	98,000	105,000
40–49	112,000	111,000	112,000	106,000	110,000	106,000	120,000	105,000	120,000	129,000	112,000	133,000
50–75	120,000	115,000	120,000	115,000	107,000	116,000	130,000	124,000	130,000	147,000	133,000	147,000
S&E-related occupations ^c	80,000	74,000	93,000	70,000	65,000	75,000	85,000	80,000	96,000	100,000	99,000	104,000
29 and younger	55,000	55,000	55,000	50,000	50,000	50,000	60,000	58,000	68,000	68,000	70,000	62,000
30–39	75,000	73,000	79,000	65,000	65,000	65,000	83,000	80,000	86,000	79,000	87,000	75,000
40–49	95,000	82,000	107,000	80,000	73,000	92,000	95,000	85,000	104,000	138,000	136,000	147,000
50–75	96,000	84,000	116,000	81,000	75,000	92,000	91,000	86,000	104,000	119,000	106,000	130,000
Non-S&E occupations ^d	72,000	60,000	88,000	60,000	50,000	75,000	80,000	69,000	100,000	109,000	89,000	124,000
29 and younger	45,000	45,000	51,000	43,000	40,000	48,000	50,000	48,000	68,000	59,000	D	S
30–39	68,000	62,000	80,000	59,000	51,000	68,000	74,000	67,000	88,000	86,000	84,000	98,000
40–49	85,000	72,000	100,000	75,000	59,000	95,000	90,000	80,000	109,000	109,000	85,000	124,000
50–75	85,000	70,000	100,000	75,000	60,000	85,000	93,000	79,000	115,000	120,000	99,000	126,000

D = suppressed for data confidentiality reasons. S = suppressed for reliability; coefficient of variation exceeds publication standards.

S&E = science and engineering.

^a All degrees includes professional degrees, which are not shown separately.

^b S&E occupations include S&E postsecondary teachers.

^c S&E-related occupations include health-related occupations (e.g., diagnosing practitioners, registered nurses, and postsecondary teachers in health and related sciences), S&E managers, S&E precollege teachers, S&E technicians and technologists, and other S&E-related occupations.

^d Non-S&E occupations do not include S&E-related occupations.

Note(s):

Salaries are rounded to nearest \$1,000. Scientists and engineers are individuals under the age of 76 who have a bachelor's or higher degree, are living in the United States, and have an S&E or S&E-related degree or occupation.

Source(s):

National Center for Science and Engineering Statistics, National Survey of College Graduates, 2019.