

Table 9-17

Median annual salary of scientists and engineers employed full time, by sex, broad occupation, age, ethnicity, and race: 2019

(Dollars)

Sex, occupation, and age (years)	Total	Hispanic or Latino ^a	Not Hispanic or Latino					
			American Indian or Alaska Native	Asian	Black or African American	Native Hawaiian or Other Pacific Islander	White	More than one race
Both sexes								
All occupations	80,000	72,000	62,000	98,000	65,000	96,000	82,000	72,000
29 and younger	55,000	48,000	S	67,000	50,000	55,000	55,000	55,000
30–39	79,000	72,000	50,000	97,000	62,000	105,000	78,000	72,000
40–49	95,000	88,000	60,000	114,000	70,000	98,000	95,000	95,000
50–75	98,000	93,000	108,000	110,000	75,000	106,000	100,000	81,000
S&E occupations ^b	95,000	80,000	S	104,000	84,000	80,000	95,000	90,000
29 and younger	67,000	55,000	S	78,000	64,000	S	65,000	70,000
30–39	90,000	80,000	S	100,000	73,000	122,000	90,000	99,000
40–49	105,000	95,000	S	120,000	84,000	113,000	105,000	91,000
50–75	110,000	103,000	S	119,000	100,000	S	110,000	120,000
Science occupations	92,000	72,000	S	105,000	82,000	63,000	91,000	86,000
29 and younger	62,000	47,000	S	80,000	63,000	S	60,000	68,000
30–39	88,000	75,000	S	100,000	70,000	S	85,000	94,000
40–49	103,000	89,000	57,000	118,000	84,000	S	100,000	86,000
50–75	106,000	96,000	S	118,000	98,000	S	105,000	122,000
Biological, agricultural, and other life scientist	66,000	48,000	59,000	70,000	59,000	D	69,000	57,000
29 and younger	40,000	31,000	D	40,000	49,000	D	41,000	49,000
30–39	61,000	57,000	D	55,000	59,000	D	62,000	79,000
40–49	91,000	69,000	D	104,000	77,000	D	90,000	119,000
50–75	98,000	93,000	D	99,000	115,000	D	98,000	D
Computer and information scientist	100,000	82,000	S	110,000	86,000	S	100,000	94,000
29 and younger	75,000	58,000	D	91,000	71,000	D	70,000	72,000
30–39	100,000	82,000	D	107,000	87,000	D	99,000	105,000
40–49	111,000	91,000	D	120,000	84,000	D	110,000	82,000
50–75	110,000	101,000	D	119,000	96,000	S	110,000	138,000
Mathematical scientist	83,000	90,000	D	94,000	S	D	78,000	92,000
29 and younger	67,000	S	D	68,000	D	D	63,000	D
30–39	78,000	S	D	97,000	S	D	82,000	S
40–49	92,000	103,000	D	88,000	S	D	79,000	S
50–75	102,000	74,000	D	110,000	117,000	D	102,000	S
Physical scientist	72,000	55,000	D	65,000	59,000	S	75,000	55,000
29 and younger	38,000	31,000	D	30,000	S	D	39,000	S
30–39	68,000	54,000	D	65,000	50,000	D	75,000	57,000
40–49	90,000	49,000	D	97,000	S	D	93,000	S
50–75	107,000	98,000	D	110,000	96,000	D	107,000	D
Psychologist	72,000	76,000	*	82,000	73,000	D	71,000	67,000
29 and younger	46,000	D	D	D	S	D	46,000	D
30–39	69,000	77,000	D	74,000	72,000	D	66,000	55,000
40–49	78,000	70,000	D	115,000	77,000	D	76,000	D
50–75	95,000	78,000	D	107,000	74,000	D	95,000	D
Social scientist	78,000	69,000	S	79,000	85,000	S	80,000	70,000
29 and younger	49,000	S	D	53,000	58,000	D	51,000	S
30–39	73,000	71,000	D	S	85,000	D	73,000	83,000
40–49	80,000	68,000	D	151,000	80,000	D	80,000	S
50–75	103,000	81,000	D	100,000	108,000	D	105,000	S

Table 9-17

Median annual salary of scientists and engineers employed full time, by sex, broad occupation, age, ethnicity, and race: 2019

(Dollars)

Sex, occupation, and age (years)	Total	Hispanic or Latino ^a	Not Hispanic or Latino					
			American Indian or Alaska Native	Asian	Black or African American	Native Hawaiian or Other Pacific Islander	White	More than one race
Engineering occupations	100,000	94,000	110,000	100,000	89,000	84,000	100,000	100,000
29 and younger	74,000	71,000	D	78,000	67,000	S	75,000	72,000
30–39	96,000	87,000	S	98,000	86,000	S	97,000	100,000
40–49	112,000	108,000	D	125,000	84,000	D	110,000	100,000
50–75	120,000	114,000	D	120,000	105,000	D	122,000	116,000
S&E-related occupations ^c	80,000	90,000	99,000	95,000	66,000	98,000	80,000	69,000
29 and younger	55,000	52,000	D	60,000	50,000	S	53,000	55,000
30–39	75,000	80,000	68,000	94,000	64,000	94,000	75,000	69,000
40–49	95,000	100,000	73,000	110,000	77,000	S	90,000	98,000
50–75	96,000	100,000	S	110,000	79,000	S	92,000	66,000
Non-S&E occupations ^d	72,000	59,000	61,000	83,000	58,000	94,000	75,000	65,000
29 and younger	45,000	41,000	S	49,000	42,000	S	46,000	48,000
30–39	68,000	60,000	87,000	88,000	53,000	89,000	70,000	71,000
40–49	85,000	74,000	50,000	104,000	64,000	S	90,000	74,000
50–75	85,000	63,000	64,000	80,000	64,000	107,000	90,000	78,000
Female								
All occupations	70,000	65,000	62,000	86,000	60,000	90,000	69,000	68,000
29 and younger	50,000	45,000	29,000	65,000	42,000	64,000	50,000	50,000
30–39	70,000	65,000	69,000	89,000	60,000	106,000	69,000	69,000
40–49	80,000	79,000	50,000	99,000	65,000	95,000	78,000	93,000
50–75	80,000	77,000	94,000	95,000	71,000	S	80,000	80,000
S&E occupations ^b	80,000	70,000	105,000	98,000	72,000	91,000	79,000	80,000
29 and younger	57,000	37,000	D	80,000	62,000	D	55,000	53,000
30–39	80,000	70,000	D	89,000	60,000	S	78,000	98,000
40–49	92,000	80,000	S	109,000	83,000	S	85,000	86,000
50–75	96,000	80,000	S	104,000	89,000	D	95,000	115,000
Science occupations	80,000	68,000	102,000	98,000	69,000	82,000	75,000	75,000
29 and younger	53,000	37,000	D	81,000	58,000	D	50,000	50,000
30–39	79,000	70,000	*	85,000	59,000	D	72,000	95,000
40–49	90,000	70,000	D	109,000	83,000	S	81,000	85,000
50–75	92,000	79,000	S	102,000	95,000	D	89,000	111,000
Biological, agricultural, and other life scientist	68,000	54,000	*	78,000	59,000	D	69,000	56,000
29 and younger	45,000	29,000	D	53,000	29,000	D	48,000	37,000
30–39	62,000	56,000	D	60,000	59,000	D	68,000	83,000
40–49	95,000	68,000	D	107,000	72,000	D	91,000	126,000
50–75	81,000	80,000	D	98,000	117,000	D	79,000	D
Computer and information scientist	90,000	80,000	D	103,000	72,000	D	83,000	86,000
29 and younger	68,000	56,000	D	92,000	64,000	D	56,000	50,000
30–39	90,000	91,000	D	98,000	S	D	81,000	97,000
40–49	99,000	82,000	D	110,000	83,000	D	93,000	S
50–75	95,000	74,000	D	106,000	64,000	D	93,000	S
Mathematical scientist	73,000	88,000	D	90,000	S	D	71,000	84,000
29 and younger	68,000	S	D	74,000	D	D	67,000	D
30–39	71,000	84,000	D	87,000	S	D	81,000	*
40–49	65,000	S	D	96,000	*	D	63,000	D

Table 9-17

Median annual salary of scientists and engineers employed full time, by sex, broad occupation, age, ethnicity, and race: 2019

(Dollars)

Sex, occupation, and age (years)	Total	Hispanic or Latino ^a	Not Hispanic or Latino					
			American Indian or Alaska Native	Asian	Black or African American	Native Hawaiian or Other Pacific Islander	White	More than one race
50–75	94,000	D	D	101,000	S	D	85,000	D
Physical scientist	60,000	42,000	D	63,000	60,000	D	61,000	53,000
29 and younger	40,000	32,000	D	34,000	D	D	40,000	S
30–39	65,000	61,000	D	58,000	60,000	D	69,000	S
40–49	79,000	S	D	74,000	D	D	80,000	D
50–75	85,000	64,000	D	98,000	96,000	D	81,000	D
Psychologist	68,000	77,000	D	76,000	73,000	D	65,000	56,000
29 and younger	46,000	S	D	D	S	D	46,000	D
30–39	66,000	77,000	D	62,000	78,000	D	63,000	55,000
40–49	74,000	70,000	D	116,000	77,000	D	74,000	D
50–75	88,000	84,000	D	109,000	74,000	D	88,000	D
Social scientist	70,000	S	D	64,000	97,000	D	78,000	61,000
29 and younger	37,000	S	D	52,000	S	D	50,000	S
30–39	70,000	70,000	D	S	98,000	D	74,000	*
40–49	79,000	66,000	D	143,000	64,000	D	79,000	S
50–75	98,000	*	D	85,000	109,000	D	98,000	S
Engineering occupations	92,000	84,000	S	95,000	77,000	D	91,000	99,000
29 and younger	71,000	71,000	D	78,000	70,000	D	70,000	72,000
30–39	94,000	87,000	D	94,000	89,000	D	93,000	98,000
40–49	111,000	113,000	D	101,000	87,000	D	112,000	D
50–75	115,000	111,000	D	117,000	S	D	110,000	D
S&E-related occupations ^c	74,000	89,000	69,000	85,000	74,000	98,000	70,000	69,000
29 and younger	55,000	53,000	S	62,000	50,000	D	51,000	54,000
30–39	73,000	86,000	54,000	91,000	66,000	S	71,000	68,000
40–49	82,000	99,000	D	96,000	80,000	D	78,000	95,000
50–75	84,000	99,000	S	99,000	80,000	S	80,000	S
Non-S&E occupations ^d	60,000	50,000	59,000	73,000	53,000	64,000	63,000	57,000
29 and younger	45,000	42,000	S	48,000	38,000	S	45,000	48,000
30–39	62,000	58,000	S	77,000	50,000	97,000	64,000	54,000
40–49	72,000	62,000	S	90,000	58,000	S	76,000	70,000
50–75	70,000	50,000	72,000	70,000	62,000	D	75,000	82,000
Male								
All occupations	95,000	80,000	60,000	105,000	70,000	98,000	97,000	82,000
29 and younger	62,000	50,000	S	71,000	55,000	S	63,000	68,000
30–39	85,000	75,000	S	101,000	70,000	94,000	85,000	85,000
40–49	107,000	97,000	79,000	129,000	75,000	98,000	108,000	99,000
50–75	110,000	100,000	S	119,000	80,000	106,000	114,000	84,000
S&E occupations ^b	100,000	84,000	S	108,000	86,000	S	100,000	98,000
29 and younger	71,000	62,000	S	78,000	66,000	S	70,000	75,000
30–39	95,000	82,000	S	104,000	77,000	S	93,000	98,000
40–49	111,000	100,000	D	125,000	84,000	D	110,000	99,000
50–75	118,000	105,000	D	120,000	102,000	S	119,000	131,000
Science occupations	100,000	82,000	S	110,000	85,000	S	100,000	91,000
29 and younger	66,000	50,000	D	78,000	68,000	D	65,000	81,000
30–39	93,000	78,000	S	105,000	77,000	S	90,000	90,000
40–49	111,000	96,000	S	123,000	84,000	D	110,000	S

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Median annual salary of scientists and engineers employed full time, by sex, broad occupation, age, ethnicity, and race: 2019

(Dollars)

Sex, occupation, and age (years)	Total	Hispanic or Latino ^a	Not Hispanic or Latino						
			American Indian or Alaska Native	Asian	Black or African American	Native Hawaiian or Other Pacific Islander	White	More than one race	
50-75	112,000	102,000	*	123,000	100,000		S	110,000	139,000
Biological, agricultural, and other life scientist	65,000	41,000	S	65,000	55,000		D	67,000	S
29 and younger	38,000	S	D	30,000	S		D	40,000	S
30-39	60,000	60,000	D	52,000	59,000		D	60,000	54,000
40-49	88,000	99,000	D	87,000	74,000		D	88,000	D
50-75	101,000	99,000	D	100,000	104,000		D	101,000	S
Computer and information scientist	105,000	82,000	S	118,000	95,000		S	105,000	95,000
29 and younger	79,000	57,000	D	90,000	75,000		D	75,000	83,000
30-39	100,000	82,000	D	112,000	97,000		D	100,000	92,000
40-49	116,000	95,000	D	129,000	84,000		D	115,000	S
50-75	117,000	103,000	D	129,000	105,000		S	115,000	139,000
Mathematical scientist	88,000	101,000	D	100,000	70,000		D	85,000	124,000
29 and younger	63,000	S	D	64,000	S		D	62,000	*
30-39	83,000	S	D	113,000	S		D	80,000	S
40-49	109,000	104,000	D	S	S		D	113,000	D
50-75	104,000	94,000	D	114,000	S		D	106,000	D
Physical scientist	78,000	55,000	*	69,000	57,000		D	82,000	71,000
29 and younger	34,000	27,000	D	29,000	D		D	S	S
30-39	70,000	54,000	D	70,000	49,000		D	75,000	73,000
40-49	96,000	51,000	D	98,000	S		D	98,000	*
50-75	108,000	105,000	D	118,000	92,000		D	108,000	*
Psychologist	94,000	69,000	D	83,000	S		D	95,000	D
29 and younger	D	D	D	D	D		D	D	D
30-39	72,000	D	D	D	D		D	72,000	D
40-49	92,000	D	D	D	D		D	92,000	D
50-75	103,000	D	D	D	D		D	104,000	D
Social scientist	84,000	85,000	D	119,000	78,000		D	81,000	102,000
29 and younger	63,000	59,000	D	D	S		D	60,000	D
30-39	74,000	86,000	D	89,000	S		D	72,000	D
40-49	84,000	160,000	D	156,000	S		D	83,000	D
50-75	105,000	82,000	D	119,000	74,000		D	106,000	D
Engineering occupations	100,000	95,000	S	100,000	91,000		81,000	103,000	105,000
29 and younger	75,000	72,000	D	75,000	62,000		D	75,000	72,000
30-39	97,000	87,000	S	98,000	85,000		S	97,000	107,000
40-49	112,000	107,000	D	131,000	82,000		S	110,000	100,000
50-75	120,000	114,000	D	120,000	106,000		D	123,000	114,000
S&E-related occupations ^c	93,000	94,000	S	109,000	58,000		S	94,000	74,000
29 and younger	55,000	51,000	D	60,000	54,000		D	55,000	58,000
30-39	79,000	78,000	82,000	98,000	S		S	79,000	68,000
40-49	107,000	104,000	D	145,000	60,000		S	107,000	98,000
50-75	116,000	109,000	S	129,000	62,000		S	119,000	S
Non-S&E occupations ^d	88,000	69,000	S	95,000	68,000		107,000	94,000	74,000
29 and younger	51,000	40,000	S	50,000	51,000		*	54,000	52,000
30-39	80,000	65,000	S	100,000	68,000		79,000	80,000	91,000
40-49	100,000	79,000	81,000	126,000	75,000		S	104,000	97,000

Table 9-17**Median annual salary of scientists and engineers employed full time, by sex, broad occupation, age, ethnicity, and race: 2019**

(Dollars)

Sex, occupation, and age (years)	Total	Hispanic or Latino ^a	Not Hispanic or Latino					
			American Indian or Alaska Native	Asian	Black or African American	Native Hawaiian or Other Pacific Islander	White	More than one race
50–75	100,000	79,000	63,000	94,000	67,000	107,000	107,000	60,000

* = estimate < 500. D = suppressed for data confidentiality reasons. S = suppressed for reliability; coefficient of variation exceeds publication standards.

S&E = science and engineering.

^a Hispanic or Latino may be any race; race categories exclude Hispanic origin.

^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.