

TABLE 4-3

Full-time employed scientists and engineers and their median annual salary, by major field of highest degree, employment sector, and primary work activity: 2023

(Number and dollars)

Field of highest degree and employment sector	Number	Salary	Primary work activity											
			Computer applications		Design ^a		Management and administration ^b		Research and development ^c		Teaching		Other ^d	
			Number	Salary	Number	Salary	Number	Salary	Number	Salary	Number	Salary	Number	Salary
All fields	8,086,000	110,000	2,324,000	125,000	864,000	115,000	1,872,000	114,000	1,865,000	100,000	325,000	79,000	836,000	94,000
Business or industry	6,148,000	120,000	2,089,000	130,000	778,000	115,000	1,485,000	115,000	1,136,000	115,000	35,000	73,000	624,000	97,000
4-year educational institution	869,000	74,000	66,000	87,000	14,000	76,000	93,000	87,000	438,000	56,000	212,000	80,000	45,000	72,000
2-year college or precollege educational institution	148,000	76,000	24,000	96,000	5,000	D	18,000	59,000	13,000	69,000	67,000	76,000	20,000	73,000
Government	921,000	100,000	145,000	103,000	66,000	103,000	275,000	107,000	278,000	91,000	11,000	62,000	146,000	90,000
S&E fields	6,077,000	113,000	1,854,000	129,000	668,000	110,000	1,249,000	118,000	1,469,000	104,000	239,000	77,000	598,000	93,000
Business or industry	4,617,000	120,000	1,690,000	132,000	606,000	112,000	971,000	120,000	872,000	120,000	28,000	71,000	450,000	95,000
4-year educational institution	679,000	74,000	47,000	87,000	10,000	80,000	60,000	93,000	372,000	56,000	162,000	81,000	27,000	70,000
2-year college or precollege educational institution	100,000	76,000	17,000	93,000	S	S	15,000	59,000	10,000	70,000	41,000	74,000	15,000	81,000
Government	681,000	100,000	100,000	103,000	48,000	106,000	203,000	110,000	216,000	91,000	7,000	51,000	106,000	92,000
Biological, agricultural, and environmental life sciences	689,000	82,000	46,000	95,000	15,000	95,000	151,000	92,000	335,000	75,000	52,000	79,000	91,000	73,000
Business or industry	359,000	93,000	36,000	109,000	12,000	96,000	92,000	98,000	145,000	99,000	5,000	102,000	68,000	67,000
4-year educational institution	199,000	60,000	S	S	D	D	16,000	83,000	136,000	56,000	36,000	80,000	4,000	75,000
2-year college or precollege educational institution	7,000	78,000	D	D	D	D	D	D	D	D	6,000	83,000	D	D
Government	125,000	78,000	3,000	73,000	S	S	42,000	81,000	54,000	78,000	S	S	20,000	88,000
Computer and mathematical sciences	2,016,000	123,000	1,155,000	128,000	104,000	130,000	312,000	124,000	272,000	114,000	46,000	78,000	127,000	99,000
Business or industry	1,705,000	130,000	1,045,000	132,000	95,000	130,000	263,000	129,000	190,000	125,000	S	S	110,000	99,000
4-year educational institution	109,000	92,000	25,000	94,000	D	D	12,000	110,000	38,000	93,000	30,000	78,000	S	S
2-year college or precollege educational institution	44,000	75,000	12,000	85,000	D	D	11,000	59,000	4,000	D	13,000	79,000	5,000	58,000
Government	158,000	100,000	73,000	103,000	6,000	99,000	27,000	128,000	40,000	61,000	D	D	11,000	112,000
Physical and related sciences	436,000	100,000	49,000	130,000	19,000	126,000	81,000	110,000	192,000	96,000	34,000	72,000	61,000	85,000
Business or industry	244,000	119,000	43,000	143,000	18,000	126,000	60,000	105,000	88,000	124,000	D	D	35,000	88,000
4-year educational institution	114,000	55,000	3,000	75,000	D	D	4,000	161,000	70,000	37,000	30,000	72,000	5,000	83,000
2-year college or precollege educational institution	4,000	63,000	D	D	D	D	D	D	D	D	4,000	59,000	D	D
Government	73,000	96,000	3,000	89,000	S	S	16,000	119,000	34,000	105,000	D	D	20,000	78,000
Social and related sciences	629,000	93,000	94,000	110,000	23,000	114,000	154,000	103,000	178,000	90,000	78,000	72,000	103,000	88,000
Business or industry	353,000	100,000	83,000	118,000	18,000	115,000	99,000	111,000	77,000	93,000	S	S	61,000	88,000
4-year educational institution	140,000	77,000	1,000	60,000	D	D	16,000	77,000	63,000	79,000	45,000	79,000	12,000	63,000
2-year college or precollege educational institution	37,000	72,000	S	S	D	D	S	S	5,000	S	17,000	51,000	9,000	91,000
Government	99,000	105,000	8,000	106,000	S	S	36,000	115,000	33,000	94,000	D	D	21,000	103,000
Engineering	2,307,000	120,000	510,000	134,000	507,000	110,000	552,000	120,000	492,000	120,000	30,000	105,000	215,000	105,000
Business or industry	1,957,000	120,000	482,000	135,000	463,000	110,000	457,000	120,000	372,000	129,000	S	S	176,000	107,000
4-year educational institution	116,000	82,000	12,000	70,000	5,000	S	12,000	116,000	65,000	58,000	21,000	100,000	3,000	67,000
2-year college or precollege educational institution	9,000	101,000	S	S	D	D	D	D	D	D	2,000	79,000	D	D

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Full-time employed scientists and engineers and their median annual salary, by major field of highest degree, employment sector, and primary work activity: 2023

(Number and dollars)

Field of highest degree and employment sector	Number	Salary	Primary work activity											
			Computer applications		Design ^a		Management and administration ^b		Research and development ^c		Teaching		Other ^d	
			Number	Salary	Number	Salary	Number	Salary	Number	Salary	Number	Salary	Number	Salary
Government	225,000	110,000	14,000	105,000	38,000	106,000	83,000	119,000	55,000	114,000	D	D	35,000	96,000
S&E-related fields	494,000	96,000	125,000	103,000	43,000	95,000	121,000	96,000	133,000	85,000	18,000	81,000	53,000	113,000
Business or industry	358,000	101,000	109,000	108,000	38,000	98,000	99,000	96,000	75,000	100,000	2,000	D	35,000	96,000
4-year educational institution	71,000	71,000	4,000	78,000	D	D	5,000	80,000	42,000	S	9,000	87,000	S	S
2-year college or precollege educational institution	7,000	73,000	D	D	D	D	D	D	D	D	6,000	80,000	D	D
Government	58,000	84,000	11,000	79,000	3,000	72,000	17,000	85,000	16,000	81,000	D	D	10,000	94,000
Non-S&E fields	1,515,000	108,000	345,000	120,000	153,000	128,000	501,000	108,000	263,000	89,000	68,000	80,000	185,000	98,000
Business or industry	1,173,000	114,000	290,000	120,000	134,000	130,000	415,000	109,000	190,000	92,000	5,000	75,000	139,000	100,000
4-year educational institution	119,000	77,000	15,000	87,000	D	D	28,000	83,000	24,000	73,000	40,000	75,000	10,000	51,000
2-year college or precollege educational institution	41,000	80,000	D	D	D	D	3,000	53,000	4,000	64,000	20,000	81,000	5,000	47,000
Government	182,000	99,000	33,000	104,000	14,000	86,000	54,000	103,000	46,000	95,000	D	D	30,000	71,000

D = suppressed to avoid disclosure of confidential information. S = suppressed for reliability; coefficient of variation exceeds publication standards.

S&E = science and engineering.

^a "Design" is no longer included in the definition of "Other" and is now its own category.

^b Management and administration includes respondents who reported the following work activities: accounting, finance, or contracts; human resources; quality or productivity management; sales and marketing; or managing and supervising.

^c Research and development includes basic research, applied research, and development.

^d Other work activity includes production, operations, and maintenance; professional services; and other activities not broken out separately.

Note(s):

Population counts are rounded to the nearest 1,000. Detail may not add to total because of rounding. Median salaries are rounded to the nearest \$1,000. Scientists and engineers are bachelor's and higher degreed individuals living in the United States employed in an S&E occupation. Four-year educational institution includes medical schools and university-affiliated research institutes. Government includes federal (civilian and military), state, and local employers.

Source(s):

National Center for Science and Engineering Statistics, National Survey of College Graduates, 2023.