

TABLE 4-3

**Full-time employed scientists and engineers and their median salary, by major field of highest degree, employment sector, and primary work activity: 2017**

(Number and dollars)

Field of highest degree and employment sector	Number	Salary	Primary work activity									
			Computer applications		Management and administration <sup>a</sup>		Research and development <sup>b</sup>		Teaching		Other <sup>c</sup>	
			Number	Salary	Number	Salary	Number	Salary	Number	Salary	Number	Salary
All fields	6,169,000	90,000	1,688,000	100,000	1,357,000	96,000	2,074,000	86,000	276,000	66,000	774,000	80,000
Business or industry	4,570,000	95,000	1,499,000	100,000	1,029,000	96,000	1,443,000	95,000	43,000	62,000	557,000	85,000
4-year educational institution	696,000	63,000	62,000	75,000	59,000	80,000	357,000	50,000	177,000	71,000	40,000	54,000
2-year college or precollege educational institution	142,000	65,000	14,000	61,000	18,000	65,000	13,000	63,000	45,000	59,000	53,000	70,000
Government	761,000	87,000	113,000	80,000	251,000	98,000	262,000	81,000	11,000	108,000	124,000	80,000
S&E fields	4,643,000	93,000	1,296,000	100,000	906,000	100,000	1,666,000	89,000	200,000	71,000	576,000	83,000
Business or industry	3,412,000	100,000	1,172,000	103,000	666,000	102,000	1,140,000	96,000	17,000	50,000	418,000	85,000
4-year educational institution	568,000	62,000	47,000	78,000	40,000	97,000	310,000	47,000	141,000	72,000	30,000	51,000
2-year college or precollege educational institution	99,000	65,000	5,000	60,000	13,000	63,000	9,000	62,000	32,000	61,000	41,000	70,000
Government	564,000	90,000	73,000	89,000	187,000	98,000	208,000	82,000	S	S	87,000	87,000
Biological, agricultural, and environmental life sciences	558,000	65,000	39,000	86,000	95,000	75,000	319,000	60,000	36,000	56,000	70,000	59,000
Business or industry	275,000	75,000	35,000	94,000	60,000	70,000	136,000	77,000	S	S	42,000	59,000
4-year educational institution	170,000	50,000	S	S	9,000	79,000	123,000	47,000	24,000	61,000	11,000	43,000
2-year college or precollege educational institution	10,000	54,000	D	D	D	D	D	D	9,000	54,000	D	D
Government	103,000	66,000	1,000	78,000	25,000	78,000	60,000	62,000	1,000	D	16,000	65,000
Computer and mathematical sciences	1,353,000	100,000	736,000	100,000	207,000	110,000	260,000	100,000	48,000	71,000	102,000	84,000
Business or industry	1,120,000	101,000	664,000	100,000	156,000	114,000	214,000	104,000	6,000	D	80,000	85,000
4-year educational institution	87,000	73,000	29,000	78,000	7,000	108,000	21,000	68,000	25,000	70,000	5,000	D
2-year college or precollege educational institution	25,000	64,000	2,000	52,000	6,000	71,000	S	S	10,000	61,000	S	S
Government	121,000	98,000	41,000	90,000	37,000	109,000	23,000	93,000	D	D	14,000	95,000

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			Computer applications		Management and administration <sup>a</sup>		Research and development <sup>b</sup>		Teaching		Other <sup>c</sup>	
			Number	Salary	Number	Salary	Number	Salary	Number	Salary	Number	Salary
Physical and related sciences	324,000	85,000	29,000	90,000	54,000	95,000	179,000	85,000	23,000	77,000	41,000	70,000
Business or industry	186,000	100,000	24,000	92,000	41,000	96,000	90,000	107,000	D	D	31,000	60,000
4-year educational institution	90,000	51,000	2,000	45,000	4,000	90,000	63,000	34,000	19,000	79,000	2,000	D
2-year college or precollege educational institution	3,000	66,000	D	D	D	D	D	D	3,000	55,000	D	D
Government	44,000	89,000	3,000	89,000	8,000	105,000	25,000	84,000	D	D	8,000	88,000
Social and related sciences	555,000	80,000	73,000	85,000	98,000	89,000	172,000	78,000	63,000	70,000	149,000	79,000
Business or industry	299,000	85,000	62,000	84,000	62,000	84,000	91,000	90,000	4,000	D	79,000	83,000
4-year educational institution	117,000	71,000	S	S	10,000	78,000	44,000	65,000	52,000	71,000	10,000	65,000
2-year college or precollege educational institution	53,000	70,000	D	D	6,000	44,000	4,000	53,000	7,000	63,000	36,000	70,000
Government	86,000	82,000	10,000	88,000	20,000	100,000	33,000	62,000	D	D	23,000	83,000
Engineering	1,853,000	100,000	420,000	105,000	453,000	104,000	737,000	94,000	30,000	92,000	214,000	95,000
Business or industry	1,532,000	100,000	386,000	107,000	346,000	105,000	608,000	97,000	5,000	S	186,000	95,000
4-year educational institution	103,000	76,000	13,000	76,000	9,000	111,000	59,000	42,000	20,000	90,000	2,000	67,000
2-year college or precollege educational institution	8,000	60,000	D	D	D	D	S	S	2,000	47,000	D	D
Government	210,000	97,000	18,000	91,000	97,000	98,000	68,000	92,000	D	D	25,000	95,000
S&E-related fields	338,000	90,000	88,000	100,000	71,000	90,000	124,000	84,000	13,000	59,000	42,000	75,000
Business or industry	260,000	94,000	84,000	100,000	59,000	90,000	83,000	89,000	S	S	33,000	80,000
4-year educational institution	32,000	63,000	2,000	94,000	2,000	D	20,000	61,000	5,000	71,000	S	S
2-year college or precollege educational institution	11,000	50,000	D	D	D	D	D	D	7,000	S	S	S
Government	36,000	80,000	2,000	69,000	9,000	84,000	19,000	78,000	D	D	6,000	81,000

TABLE 4-3

**Full-time employed scientists and engineers and their median salary, by major field of highest degree, employment sector, and primary work activity: 2017**

(Number and dollars)

Field of highest degree and employment sector	Number	Salary	Primary work activity									
			Computer applications		Management and administration <sup>a</sup>		Research and development <sup>b</sup>		Teaching		Other <sup>c</sup>	
			Number	Salary	Number	Salary	Number	Salary	Number	Salary	Number	Salary
Non-S&E fields	1,189,000	80,000	304,000	90,000	381,000	82,000	284,000	80,000	63,000	63,000	156,000	70,000
Business or industry	898,000	82,000	243,000	94,000	304,000	80,000	219,000	81,000	25,000	61,000	106,000	79,000
4-year educational institution	96,000	64,000	13,000	60,000	17,000	74,000	27,000	58,000	30,000	66,000	8,000	54,000
2-year college or precollege educational institution	33,000	65,000	10,000	55,000	D	D	S	S	7,000	57,000	10,000	62,000
Government	161,000	79,000	39,000	71,000	55,000	98,000	34,000	80,000	S	S	32,000	58,000

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

S&amp;E = science and engineering.

<sup>a</sup> 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.<sup>b</sup> Research and development includes basic research, applied research, development, and design.<sup>c</sup> Other work activities includes production, operations, 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. Persons are considered to be employed full time if they are working 35 or more hours per week on their principal job. Four-year educational institution includes medical schools and university-affiliated research institutes. Government includes federal (civilian), military, state, and local employers.

**Source(s):**

National Center for Science and Engineering Statistics, National Survey of College Graduates, 2017.