

Table SLBR-30

## Number and median salary of full-time workers with highest degree in S&amp;E field, by sex and occupation: 2019

(Thousands and dollars)

Occupation	Total		Female		Male	
	Thousands	Median salary (\$)	Thousands	Median salary (\$)	Thousands	Median salary (\$)
All occupations	13,130	80,000	4,822	63,000	8,308	94,000
S&E occupations	5,211	96,000	1,357	82,000	3,854	100,000
Computer and mathematical scientists	2,465	105,000	557	94,000	1,908	108,000
Computer and information scientists	2,251	105,000	470	95,000	1,781	109,000
Computer and information scientists, research	67	125,000	19	122,000	48	125,000
Computer network architect	27	101,000	s	s	24	112,000
Computer support specialists	144	61,000	41	60,000	103	70,000
Computer system analysts	232	90,000	91	84,000	141	90,000
Database administrators	88	104,000	23	100,000	65	104,000
Information security analysts	79	100,000	14	95,000	65	120,000
Network and computer systems administrators	121	84,000	8	86,000	113	80,000
Software developers—applications and systems software	512	109,000	82	97,000	431	110,000
Web developers	69	94,000	11	89,000	59	95,000
Other computer information science occupations	175	105,000	61	86,000	115	112,000
Computer engineers—software	737	119,000	118	110,000	619	120,000
Mathematical scientists	153	102,000	58	89,000	94	109,000
Mathematicians	5	91,000	2	56,000	4	104,000
Operations research analysts, including modeling	87	105,000	31	88,000	56	110,000
Statisticians	51	103,000	20	99,000	31	108,000
Other mathematical scientists	9	96,000	6	96,000	3	s
Postsecondary teachers—computer and mathematical sciences	61	71,000	28	62,000	33	82,000
Computer sciences	18	83,000	7	75,000	11	89,000
Mathematics and statistics	44	67,000	22	60,000	22	75,000
Biological, agricultural, and environmental life scientists	510	64,000	234	65,000	277	64,000
Agricultural and food scientists	50	57,000	18	60,000	32	55,000
Biological and medical scientists	367	62,000	177	63,000	189	60,000
Biochemists and biophysicists	80	55,000	34	64,000	45	50,000
Biological scientists (e.g., botanists, ecologists, zoologists)	114	62,000	51	62,000	63	63,000
Medical scientists (excluding practitioners)	97	69,000	51	62,000	46	84,000
Other biological and life scientists	76	64,000	41	69,000	34	53,000
Forestry and conservation scientists	28	57,000	5	59,000	23	56,000
Postsecondary teachers—life and related sciences	66	81,000	34	70,000	32	94,000
Agriculture	4	87,000	s	s	3	87,000
Biological sciences	59	78,000	32	70,000	26	95,000
Other natural sciences	2	99,000	s	s	2	100,000
Physical and related scientists	330	72,000	110	59,000	220	80,000
Chemists, except biochemists	113	65,000	43	59,000	70	68,000
Earth scientists, geologists, and oceanographers	71	79,000	22	56,000	49	90,000
Atmospheric and space scientists	18	97,000	6	61,000	12	99,000
Geologists, including earth scientists	53	75,000	16	56,000	36	79,000
Physicists and astronomers	39	70,000	7	42,000	32	78,000
Astronomers	54	60,000	23	58,000	31	69,000
Physicists, except biophysicists	39	70,000	7	42,000	32	78,000
Other physical and related scientists	54	60,000	23	58,000	31	69,000
Postsecondary teachers—physical and related sciences	53	80,000	14	68,000	39	93,000
Chemistry	19	71,000	6	67,000	14	73,000
Earth, environmental, and marine sciences	18	79,000	7	66,000	11	95,000

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Physics	16	95,000	2	59,000	14	97,000
Social and related scientists	356	75,000	223	70,000	133	84,000
Economists	41	84,000	8	84,000	33	84,000
Political scientists	9	82,000	4	s	5	83,000
Psychologists, including clinical	128	74,000	103	68,000	25	98,000
Anthropologists	11	64,000	7	s	5	57,000
Sociologists	66	69,000	45	60,000	21	75,000
Other social and related scientists	66	69,000	45	60,000	21	75,000
Postsecondary teachers—social and related sciences	101	80,000	56	74,000	45	85,000
Economics	13	88,000	3	85,000	10	90,000
Political science	15	83,000	8	81,000	7	92,000
Psychology	30	74,000	18	63,000	12	92,000
Sociology	14	80,000	9	94,000	5	78,000
Other social sciences	30	74,000	18	65,000	12	84,000
Engineers	1,550	100,000	234	90,000	1,316	100,000
Aerospace, aeronautical, or astronautical engineers	109	112,000	18	105,000	90	115,000
Chemical engineers	67	110,000	12	108,000	55	110,000
Civil, architectural, or sanitary engineers	256	88,000	45	77,000	212	90,000
Electrical or computer hardware engineers	355	112,000	35	100,000	321	115,000
Computer engineer—hardware	74	121,000	4	104,000	70	124,000
Electrical and electronics engineers	281	110,000	30	100,000	251	111,000
Industrial engineers	56	82,000	14	77,000	42	86,000
Mechanical engineers	307	93,000	24	89,000	284	93,000
Other engineers	360	98,000	78	90,000	282	100,000
Bioengineers or biomedical engineers	37	80,000	16	82,000	22	76,000
Environmental engineers	45	85,000	18	72,000	28	89,000
Marine engineers and naval architects	6	99,000	1.0	s	6	99,000
Materials and metallurgical engineers	37	100,000	9	100,000	27	100,000
Nuclear engineers	10	95,000	1	s	9	95,000
Petroleum engineers	19	155,000	5	179,000	14	152,000
Sales engineers	66	110,000	4	91,000	62	110,000
Other engineers	139	94,000	25	92,000	114	95,000
Postsecondary teachers—engineering	39	99,000	8	88,000	31	110,000
S&E-related occupations	1,864	76,000	648	62,000	1,216	89,000
Health-related occupations	537	52,000	328	55,000	210	48,000
Diagnosing or treating practitioners (e.g., dentists, optometrists, physicians, psychiatrists, podiatrists, surgeons, veterinarians)	82	59,000	25	69,000	56	s
Registered nurses, pharmacists, dieticians, therapists, physician assistants, nurse practitioners	103	68,000	81	64,000	22	75,000
Health technologists and technicians (e.g., dental hygienists, health record technicians, licensed practical nurses, laboratory or radiology technicians)	154	44,000	93	55,000	61	42,000
Other health occupations	171	47,000	113	43,000	58	48,000
Postsecondary teachers—health and related sciences	27	84,000	15	49,000	12	118,000
S&E managers	509	130,000	106	100,000	403	135,000
Computer and information systems managers	139	145,000	21	114,000	117	150,000
Engineering managers	255	130,000	26	125,000	229	132,000
Medical and health services managers	58	81,000	38	71,000	21	111,000

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Natural sciences managers	57	119,000	21	105,000	35	120,000
S&E precollege teachers	195	55,000	93	52,000	102	58,000
Secondary—computer, mathematics, or sciences	166	55,000	84	52,000	82	59,000
Secondary—social sciences	29	56,000	9	56,000	20	56,000
S&E technicians and technologists	579	76,000	108	65,000	471	79,000
Technologists and technicians in the biological and life sciences	88	51,000	44	50,000	43	55,000
Computer programmers (business, scientific, process control)	80	100,000	17	99,000	63	100,000
Electrical, electronic, industrial, and mechanical technicians	181	75,000	9	75,000	172	75,000
Drafting occupations, including computer drafting	16	59,000	s	s	13	62,000
Surveying and mapping technicians	19	55,000	s	s	18	54,000
Other engineering technologists and technicians	143	89,000	24	68,000	119	90,000
Surveyors, cartographers, photogrammetrists	16	52,000	1.0	61,000.0	15	52,000
Technologists and technicians in the mathematical sciences	36	64,000	7.0	60,000.0	29	64,000
Other S&E-related occupations	44	108,000	14	91,000	31	109,000
Architects	20	95,000	7	85,000	13	102,000
Actuaries	24	109,000	7	106,000	17	109,000
Non-S&E occupations	6,055	67,000	2,817	55,000	3,238	80,000
Non-S&E managers	1,119	119,000	272	100,000	847	122,000
Top-level managers, executives, administrators (e.g., chief executive officer, chief operating officer, chief financial officer; president; district manager, general manager, provost)	626	134,000	122	112,000	503	140,000
Education administrators (e.g., registrar, dean, principal)	31	94,000	21	92,000	10	105,000
Other mid-level managers	462	101,000	128	93,000	334	105,000
Management-related occupations	1,524	81,000	737	70,000	787	94,000
Accountants, auditors, and other financial specialists	450	79,000	207	68,000	243	87,000
Personnel, training, and labor relations specialists	169	65,000	109	61,000	60	71,000
Other management-related occupations	905	90,000	422	76,000	483	99,000
Non-S&E precollege teachers	304	45,000	249	46,000	54	45,000
Prekindergarten and kindergarten	61	28,000	60	28,000	s	s
Elementary	129	46,000	104	46,000	25	52,000
Secondary—other subjects	53	45,000	30	47,000	22	43,000
Teachers: Special education—primary and secondary	34	64,000	31	66,000	3	s
Other precollegiate area	27	49,000	23	51,000	s	s
Non-S&E postsecondary teachers	49	76,000	20	73,000	29	76,000
Arts, drama, and music	s	s	s	s	s	s
Business, commerce, and marketing	6	115,000	3	113,000	3	131,000
Education	10	71,000	7	72,000	3	70,000
English	5	86,000	s	s	s	s
Foreign language	3	69,000	2	s	2	s
History	3	64,000	s	s	3	s
Physical education	s	s	s	s	s	s
Other postsecondary fields	10	85,000	2	87,000	8	79,000
Social services and related occupations	475	45,000	333	45,000	141	45,000
Clergy and other religious workers	46	31,000	9	s	37	32,000
Counselors (e.g., educational, vocational, mental health, substance abuse)	194	49,000	142	49,000	52	51,000

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Social workers	235	42,000	183	42,000	52	42,000
Sales and marketing occupations	806	70,000	319	60,000	486	77,000
Insurance, securities, real estate, and business services	182	69,000	75	60,000	106	78,000
Sales—commodities except retail (e.g., industrial, medical, dental machinery, equipment, supplies)	146	99,000	36	84,000	110	103,000
Sales—retail (e.g., furnishings, clothing, motor vehicles, cosmetics)	173	44,000	56	33,000	118	48,000
Other marketing and sales occupations	304	75,000	152	66,000	152	80,000
Art, humanities, and related occupations	106	57,000	48	63,000	57	s
Writers, editors, public relations specialists, artists, entertainers, broadcasters	105	58,000	48	63,000	57	s
Historians	s	s	s	s	s	s
Other non-S&E occupations	1,674	47,000	838	42,000	836	55,000
Accounting clerks and bookkeepers	111	41,000	84	40,000	27	54,000
Secretaries, receptionists, typists	102	37,000	91	38,000	s	s
Other administrative (e.g., record clerks, telephone operators)	352	46,000	249	44,000	103	50,000
Farmers, foresters, and fishermen	81	45,000	14	40,000	67	45,000
Lawyers, judges	53	84,000	28	61,000	25	112,000
Librarians, archivists, curators	18	33,000	14	33,000	4	59,000
Food preparation and service (e.g., cooks, waitresses, bartenders)	89	30,000	40	28,000	49	38,000
Protective services (e.g., firefighters, police, guards, wardens, park rangers)	125	65,000	31	76,000	94	65,000
Other service occupations, except health (e.g., probation officer, human services work)	212	44,000	116	40,000	97	50,000
Other teachers and instructors (e.g., private tutors, dance, flying, martial arts)	67	54,000	34	42,000	33	74,000
Construction and extraction occupations	36	75,000	3	67,000	33	75,000
Installation, maintenance, and repair occupations	71	68,000	s	s	62	72,000
Precision or production occupations (e.g., metal or wood workers, butchers, bakers, assemblers, tailors)	99	35,000	s	s	59	51,000
Transportation and material moving occupations	135	56,000	13	50,000	122	59,000
Other occupations	122	52,000	73	54,000	49	51,000

s = suppressed for reasons of confidentiality and/or reliability.

STEM = science, technology, engineering, and mathematics.

**Note(s):**

Non-S&amp;E occupations include middle-skill and non-STEM occupations. Detail may not add to total because of rounding. Numbers are rounded to the nearest 1,000.

**Source(s):**

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

*Science and Engineering Indicators*