

Table 9-14

Employment status and median salary of recent science, engineering, and health master's degree recipients from U.S. educational institutions, by field of master's degree, sex, race, ethnicity, and disability status: 2019

(Number)

Field, sex, race, ethnicity, and disability status	Total	Full-time student	Employed in S&E or S&E-related occupations ^a	Employed in non-S&E occupations ^b	Not employed	Median salary for full-time employed ^c (\$)
All S&E and health fields	1,235,000	112,000	781,000	297,000	45,000	78,000
Female	681,000	50,000	430,000	176,000	25,000	70,000
Male	553,000	62,000	351,000	121,000	19,000	84,000
White	730,000	52,000	469,000	183,000	25,000	74,000
Asian	249,000	36,000	178,000	24,000	11,000	86,000
Underrepresented minority ^d	216,000	21,000	107,000	82,000	7,000	69,000
Without disability	1,152,000	105,000	736,000	273,000	38,000	78,000
With disability	83,000	7,000	45,000	24,000	7,000	74,000
Science	562,000	78,000	271,000	190,000	23,000	70,000
Female	280,000	35,000	117,000	113,000	15,000	60,000
Male	282,000	42,000	154,000	78,000	8,000	80,000
White	321,000	38,000	152,000	122,000	9,000	64,000
Asian	120,000	21,000	74,000	16,000	8,000	92,000
Underrepresented minority ^d	105,000	16,000	36,000	48,000	6,000	63,000
Without disability	520,000	73,000	253,000	173,000	21,000	70,000
With disability	42,000	5,000	18,000	18,000	2,000	66,000
Biological/ life sciences	100,000	19,000	58,000	22,000	1,000	51,000
Female	64,000	10,000	40,000	14,000	1,000	53,000
Male	36,000	9,000	18,000	S	D	45,000
White	60,000	9,000	32,000	18,000	D	49,000
Asian	23,000	7,000	13,000	S	D	59,000
Underrepresented minority ^d	15,000	2,000	11,000	S	D	59,000
Without disability	96,000	19,000	56,000	20,000	1,000	51,000
With disability	4,000	D	2,000	S	D	49,000
Computer and information sciences	134,000	7,000	99,000	17,000	11,000	96,000
Female	34,000	S	20,000	5,000	8,000	86,000
Male	100,000	6,000	79,000	12,000	S	100,000
White	55,000	S	45,000	5,000	S	93,000
Asian	57,000	4,000	43,000	3,000	S	100,000
Underrepresented minority ^d	19,000	S	7,000	9,000	D	98,000
Without disability	125,000	7,000	92,000	15,000	11,000	96,000
With disability	10,000	D	7,000	D	D	106,000
Mathematical sciences	49,000	6,000	33,000	S	1,000	90,000
Female	16,000	S	12,000	2,000	D	63,000
Male	33,000	5,000	21,000	S	D	90,000
White	29,000	S	19,000	S	D	87,000
Asian	16,000	2,000	11,000	3,000	D	127,000
Underrepresented minority ^d	S	D	S	D	D	S
Without disability	47,000	6,000	32,000	S	1,000	90,000
With disability	S	D	S	D	D	S
Physical and related sciences	37,000	8,000	23,000	6,000	S	61,000
Female	10,000	2,000	8,000	1,000	D	49,000
Male	27,000	6,000	15,000	5,000	S	66,000
White	22,000	4,000	15,000	S	D	59,000

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Employment status and median salary of recent science, engineering, and health master's degree recipients from U.S. educational institutions, by field of master's degree, sex, race, ethnicity, and disability status: 2019

(Number)

Field, sex, race, ethnicity, and disability status	Total	Full-time student	Employed in S&E or S&E-related occupations ^a	Employed in non-S&E occupations ^b	Not employed	Median salary for full-time employed ^c (\$)
Asian	8,000	3,000	5,000	D	D	S
Underrepresented minority ^d	7,000	D	3,000	D	D	62,000
Without disability	34,000	7,000	21,000	4,000	S	64,000
With disability	4,000	D	D	D	D	S
Psychology	141,000	21,000	38,000	79,000	3,000	54,000
Female	113,000	12,000	31,000	66,000	3,000	51,000
Male	28,000	9,000	7,000	13,000	D	60,000
White	92,000	12,000	26,000	53,000	S	55,000
Asian	4,000	S	1,000	3,000	D	40,000
Underrepresented minority ^d	38,000	S	9,000	21,000	2,000	54,000
Without disability	123,000	20,000	33,000	69,000	2,000	54,000
With disability	18,000	D	S	11,000	S	55,000
Social and related sciences	101,000	17,000	21,000	57,000	S	65,000
Female	43,000	9,000	7,000	25,000	2,000	73,000
Male	58,000	8,000	14,000	32,000	S	64,000
White	63,000	7,000	14,000	38,000	S	65,000
Asian	12,000	4,000	1,000	6,000	D	89,000
Underrepresented minority ^d	24,000	5,000	4,000	13,000	S	64,000
Without disability	96,000	15,000	20,000	56,000	S	65,000
With disability	5,000	2,000	D	2,000	D	65,000
Engineering	211,000	17,000	162,000	24,000	S	88,000
Female	43,000	4,000	34,000	2,000	2,000	85,000
Male	168,000	13,000	128,000	21,000	S	89,000
White	105,000	7,000	75,000	17,000	S	92,000
Asian	77,000	8,000	64,000	4,000	1,000	85,000
Underrepresented minority ^d	25,000	2,000	20,000	S	D	76,000
Without disability	197,000	16,000	152,000	21,000	S	88,000
With disability	14,000	D	10,000	S	D	89,000
Health	462,000	18,000	348,000	83,000	13,000	78,000
Female	359,000	11,000	279,000	60,000	8,000	80,000
Male	103,000	6,000	69,000	22,000	D	73,000
White	304,000	6,000	243,000	44,000	10,000	74,000
Asian	52,000	7,000	40,000	4,000	S	84,000
Underrepresented minority ^d	86,000	3,000	51,000	31,000	D	81,000
Without disability	435,000	16,000	331,000	79,000	8,000	79,000
With disability	27,000	D	17,000	S	D	73,000

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

S&E = science and engineering.

^a S&E occupations include S&E postsecondary teachers. 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.^b Non-S&E occupations do not include S&E-related occupations.

^c Salary data are for principal jobs only. Full-time employed are those working at least 35 hours per week at their principal jobs. Full-time students and individuals self-employed in a non-incorporated business, professional practice, or farm are excluded from salary data.

^d Includes Black or African American, Hispanic or Latino, and American Indian or Alaska Native. Hispanic or Latino may be any race; race categories exclude Hispanic origin.

Note(s):

Recent master's degree recipients include those who received a master's degree from a U.S. educational institution in 2014, 2015, 2016, or 2017. Numbers and median salaries are rounded to nearest 1,000. Detail may not add to total because of rounding and suppression. Part-time students are included within the employment categories. Totals include Native Hawaiian or Other Pacific Islander and more than one race, which are not shown separately. The National Survey of College Graduates asks the degree of difficulty—none, slight, moderate, severe, or unable to do—an individual has in seeing (with glasses), hearing (with hearing aid), walking without assistance, lifting 10 pounds, or concentrating, remembering, or making decisions. Those respondents who answered "moderate," "severe," or "unable to do" for any activity were classified as having a disability.

Source(s):

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