

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: 2017

(Number)

Field, sex, race, ethnicity, and disability status	Total	Full-time student	Employed in S&E or S&E-related occupation ^a	Employed in non-S&E occupation	Not Employed	Median salary for full-time employed ^b (\$)
All S&E and health fields	1,085,000	114,000	667,000	258,000	46,000	79,000
Female	618,000	67,000	361,000	160,000	30,000	70,000
Male	467,000	46,000	306,000	98,000	16,000	85,000
White	638,000	54,000	397,000	163,000	24,000	76,000
Asian	218,000	36,000	157,000	18,000	9,000	90,000
Underrepresented minority ^c	204,000	22,000	96,000	73,000	13,000	73,000
Without disability	1,015,000	108,000	634,000	235,000	38,000	80,000
With disability	70,000	6,000	33,000	22,000	8,000	70,000
Science	523,000	70,000	256,000	173,000	25,000	72,000
Female	257,000	42,000	97,000	102,000	16,000	55,000
Male	266,000	27,000	159,000	71,000	S	80,000
White	312,000	33,000	155,000	107,000	17,000	72,000
Asian	106,000	18,000	72,000	13,000	3,000	88,000
Underrepresented minority ^c	92,000	17,000	22,000	49,000	4,000	60,000
Without disability	481,000	64,000	238,000	155,000	23,000	73,000
With disability	42,000	5,000	18,000	18,000	S	65,000
Biological/life sciences	80,000	17,000	43,000	19,000	2,000	50,000
Female	47,000	8,000	29,000	9,000	1,000	49,000
Male	33,000	9,000	14,000	10,000	D	59,000
White	56,000	9,000	32,000	14,000	S	51,000
Asian	12,000	4,000	5,000	S	D	S
Underrepresented minority ^c	9,000	3,000	S	2,000	D	42,000
Without disability	76,000	15,000	42,000	18,000	S	50,000
With disability	4,000	S	1,000	D	D	69,000
Computer and information sciences	143,000	5,000	114,000	14,000	S	95,000
Female	37,000	S	28,000	3,000	S	89,000
Male	106,000	S	86,000	12,000	S	95,000
White	72,000	S	58,000	4,000	S	98,000
Asian	53,000	S	48,000	1,000	D	96,000
Underrepresented minority ^c	14,000	D	6,000	S	D	80,000
Without disability	132,000	5,000	104,000	13,000	S	96,000
With disability	11,000	D	10,000	S	D	74,000
Mathematical sciences	28,000	4,000	14,000	8,000	S	71,000
Female	12,000	2,000	3,000	6,000	D	50,000
Male	16,000	2,000	11,000	S	D	74,000
White	18,000	S	9,000	S	D	67,000
Asian	8,000	2,000	3,000	S	D	86,000
Underrepresented minority ^c	S	D	S	D	D	S
Without disability	26,000	3,000	12,000	8,000	S	73,000
With disability	S	D	S	D	D	S
Physical and related sciences	44,000	8,000	33,000	S	1,000	71,000
Female	14,000	2,000	11,000	D	1,000	45,000
Male	30,000	6,000	22,000	D	*	85,000
White	25,000	4,000	20,000	D	1,000	79,000
Asian	13,000	4,000	9,000	D	D	46,000
Underrepresented minority ^c	5,000	D	3,000	D	D	86,000
Without disability	41,000	7,000	31,000	S	1,000	70,000

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(Number)

Field, sex, race, ethnicity, and disability status	Total	Full-time student	Employed in S&E or S&E-related occupation ^a	Employed in non-S&E occupation	Not Employed	Median salary for full-time employed ^b (\$)
With disability	2,000	D	2,000	D	D	96,000
Psychology	124,000	19,000	25,000	73,000	6,000	49,000
Female	100,000	17,000	18,000	59,000	6,000	48,000
Male	24,000	3,000	7,000	14,000	D	50,000
White	77,000	8,000	16,000	49,000	4,000	55,000
Asian	7,000	S	3,000	S	D	47,000
Underrepresented minority ^c	37,000	10,000	5,000	21,000	S	47,000
Without disability	108,000	18,000	24,000	60,000	5,000	50,000
With disability	16,000	S	1,000	13,000	D	44,000
Social and related sciences	104,000	17,000	27,000	56,000	4,000	64,000
Female	47,000	13,000	7,000	24,000	3,000	53,000
Male	57,000	4,000	20,000	31,000	1,000	65,000
White	64,000	9,000	19,000	34,000	1,000	64,000
Asian	13,000	3,000	S	4,000	S	98,000
Underrepresented minority ^c	25,000	4,000	3,000	18,000	S	63,000
Without disability	97,000	15,000	25,000	53,000	4,000	64,000
With disability	7,000	S	S	S	D	S
Engineering	170,000	18,000	127,000	17,000	7,000	85,000
Female	42,000	S	27,000	4,000	2,000	86,000
Male	129,000	9,000	100,000	13,000	6,000	85,000
White	72,000	5,000	52,000	12,000	3,000	85,000
Asian	72,000	11,000	56,000	2,000	3,000	88,000
Underrepresented minority ^c	24,000	S	17,000	3,000	D	80,000
Without disability	164,000	18,000	123,000	16,000	7,000	85,000
With disability	6,000	S	4,000	D	D	83,000
Health	392,000	26,000	284,000	68,000	14,000	81,000
Female	320,000	16,000	237,000	54,000	12,000	80,000
Male	72,000	10,000	47,000	14,000	S	92,000
White	254,000	15,000	190,000	44,000	4,000	80,000
Asian	40,000	S	29,000	2,000	S	91,000
Underrepresented minority ^c	89,000	3,000	57,000	21,000	8,000	80,000
Without disability	371,000	26,000	274,000	64,000	8,000	84,000
With disability	21,000	D	11,000	S	D	78,000

* = estimated population < 500. 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 occupations.

^b 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.

^c Includes black or African American, Hispanic or Latino, and American Indian or Alaska Native. Hispanic or Latino may be any race.

Note(s)

Recent master's degree recipients include those who received a master's degree from a U.S. educational institution in 2012, 2013, 2014, or 2015. 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.

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Source(s)

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