

Table 9-13

Employment status and median salary of recent science, engineering, and health bachelor's degree recipients from U.S. educational institutions, by field of bachelor'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	3,606,000	585,000	1,587,000	1,211,000	224,000	54,000
Female	1,993,000	360,000	781,000	728,000	124,000	50,000
Male	1,613,000	225,000	805,000	483,000	100,000	60,000
White	2,221,000	311,000	1,028,000	760,000	123,000	55,000
Asian	390,000	90,000	174,000	103,000	23,000	60,000
Underrepresented minority ^d	841,000	154,000	321,000	308,000	59,000	50,000
Without disability	3,269,000	537,000	1,469,000	1,094,000	169,000	54,000
With disability	338,000	48,000	118,000	117,000	56,000	51,000
Science	2,275,000	429,000	710,000	957,000	179,000	48,000
Female	1,222,000	256,000	280,000	585,000	100,000	42,000
Male	1,053,000	173,000	429,000	372,000	79,000	54,000
White	1,387,000	225,000	430,000	624,000	108,000	48,000
Asian	243,000	59,000	102,000	66,000	16,000	55,000
Underrepresented minority ^d	538,000	120,000	145,000	234,000	40,000	42,000
Without disability	2,025,000	393,000	644,000	853,000	135,000	48,000
With disability	250,000	35,000	66,000	105,000	44,000	49,000
Biological/ life sciences	659,000	175,000	200,000	226,000	58,000	43,000
Female	343,000	100,000	89,000	116,000	38,000	39,000
Male	316,000	75,000	111,000	110,000	20,000	47,000
White	413,000	90,000	113,000	178,000	31,000	43,000
Asian	81,000	28,000	34,000	12,000	7,000	42,000
Underrepresented minority ^d	126,000	44,000	44,000	27,000	S	38,000
Without disability	599,000	164,000	189,000	202,000	44,000	42,000
With disability	60,000	S	11,000	24,000	S	42,000
Computer and information sciences	325,000	13,000	237,000	52,000	23,000	68,000
Female	76,000	4,000	57,000	11,000	4,000	57,000
Male	250,000	S	181,000	41,000	19,000	70,000
White	185,000	S	128,000	33,000	16,000	67,000
Asian	49,000	4,000	42,000	2,000	D	78,000
Underrepresented minority ^d	75,000	D	55,000	13,000	S	50,000
Without disability	287,000	13,000	207,000	50,000	17,000	70,000
With disability	38,000	D	30,000	S	S	65,000
Mathematical sciences	93,000	12,000	45,000	30,000	S	55,000
Female	50,000	5,000	26,000	18,000	S	55,000
Male	43,000	S	19,000	S	S	55,000
White	59,000	5,000	32,000	S	D	55,000
Asian	17,000	S	5,000	5,000	S	75,000
Underrepresented minority ^d	15,000	S	6,000	6,000	D	52,000
Without disability	88,000	11,000	42,000	29,000	S	55,000
With disability	5,000	D	S	D	D	S
Physical and related sciences	162,000	37,000	88,000	33,000	4,000	41,000
Female	66,000	20,000	24,000	S	S	35,000
Male	96,000	17,000	63,000	15,000	1,000	43,000
White	100,000	15,000	65,000	S	D	35,000

Table 9-13**Employment status and median salary of recent science, engineering, and health bachelor's degree recipients from U.S. educational institutions, by field of bachelor'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	20,000	4,000	9,000	S	S	44,000
Underrepresented minority ^d	29,000	S	9,000	S	D	41,000
Without disability	149,000	35,000	79,000	32,000	4,000	40,000
With disability	S	S	S	1,000	D	S
Psychology	497,000	116,000	70,000	263,000	48,000	38,000
Female	403,000	88,000	64,000	213,000	37,000	38,000
Male	95,000	28,000	6,000	50,000	11,000	40,000
White	295,000	60,000	44,000	159,000	31,000	40,000
Asian	35,000	12,000	3,000	15,000	4,000	38,000
Underrepresented minority ^d	154,000	42,000	S	82,000	11,000	37,000
Without disability	413,000	98,000	65,000	224,000	26,000	39,000
With disability	85,000	S	S	39,000	S	25,000
Social and related sciences	539,000	75,000	70,000	354,000	40,000	50,000
Female	285,000	39,000	21,000	209,000	16,000	44,000
Male	254,000	36,000	49,000	145,000	S	54,000
White	337,000	48,000	48,000	217,000	S	51,000
Asian	43,000	5,000	9,000	27,000	S	54,000
Underrepresented minority ^d	140,000	20,000	11,000	98,000	11,000	42,000
Without disability	490,000	72,000	63,000	315,000	39,000	50,000
With disability	49,000	S	7,000	39,000	S	41,000
Engineering	422,000	34,000	321,000	54,000	12,000	72,000
Female	72,000	8,000	57,000	6,000	S	68,000
Male	349,000	26,000	265,000	48,000	11,000	72,000
White	260,000	13,000	211,000	30,000	6,000	73,000
Asian	60,000	11,000	37,000	8,000	4,000	74,000
Underrepresented minority ^d	87,000	9,000	62,000	15,000	S	67,000
Without disability	395,000	31,000	302,000	50,000	12,000	72,000
With disability	27,000	S	19,000	S	*	67,000
Health	910,000	122,000	555,000	199,000	33,000	55,000
Female	699,000	97,000	444,000	136,000	23,000	54,000
Male	210,000	25,000	112,000	63,000	S	57,000
White	574,000	73,000	386,000	106,000	10,000	55,000
Asian	87,000	S	34,000	S	4,000	58,000
Underrepresented minority ^d	215,000	25,000	114,000	59,000	17,000	53,000
Without disability	849,000	113,000	522,000	192,000	22,000	55,000
With disability	61,000	S	33,000	7,000	S	72,000

* = estimate < 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-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 bachelor's degree recipients include those who received a bachelor'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.