

Table 9-15

Employment status and median salary of 2016 and 2017 science, engineering, and health doctorate holders, by broad field of doctorate, sex, race, ethnicity, and disability status: 2019

(Number)

Field, sex, race, ethnicity, and disability status	All recipients	Total	Employed			Unemployed		Median salary for full-time employed ^a (\$)
			Full time	Part time	Postdoc	Seeking work	Not seeking work	
All SEH fields	73,850	71,100	54,550	3,100	13,450	1,200	1,550	82,000
Female	32,200	30,500	23,050	2,000	5,450	650	1,100	76,000
Male	41,650	40,650	31,550	1,100	8,000	550	500	90,000
White	38,600	37,400	29,400	1,750	6,250	500	700	80,000
Asian ^b	25,000	24,050	17,700	800	5,550	400	550	90,000
Underrepresented minority ^c	8,600	8,100	6,200	550	1,400	250	250	78,000
Without disability	69,250	66,800	51,250	2,950	12,600	1,050	1,400	83,000
With disability	4,600	4,300	3,300	150	850	100	200	74,000
Science	51,700	49,750	36,650	2,350	10,750	800	1,150	76,000
Female	24,650	23,300	17,150	1,450	4,650	550	850	73,000
Male	27,050	26,450	19,500	850	6,050	300	300	80,000
White	28,550	27,750	21,150	1,300	5,300	300	450	75,000
Asian ^b	15,450	14,700	10,050	600	4,050	300	450	80,000
Underrepresented minority ^c	6,350	6,000	4,500	400	1,100	200	150	74,000
Without disability	48,400	46,650	34,450	2,200	10,000	750	1,000	77,000
With disability	3,300	3,050	2,200	150	750	50	150	68,000
Biological/ life sciences	18,100	17,300	10,550	600	6,150	250	550	63,000
Female	9,800	9,200	5,800	350	3,050	150	400	64,000
Male	8,300	8,100	4,750	250	3,100	50	150	62,000
White	9,750	9,450	6,150	300	3,050	100	150	65,000
Asian ^b	5,650	5,350	2,900	200	2,250	D	250	60,000
Underrepresented minority ^c	2,100	1,950	1,200	100	650	50	100	65,000
Without disability	16,850	16,150	9,950	550	5,700	200	500	64,000
With disability	1,250	1,100	600	D	450	D	S	59,000
Computer and information sciences	3,800	3,700	3,400	100	250	D	D	119,000
Female	650	600	600	D	*	D	D	115,000
Male	3,100	3,100	2,800	100	200	D	D	120,000
White	1,400	1,400	1,300	D	100	D	D	113,000
Asian ^b	2,050	2,000	1,800	D	S	D	D	129,000
Underrepresented minority ^c	250	200	200	D	D	D	D	107,000
Without disability	3,600	3,550	3,200	100	250	D	D	120,000
With disability	200	200	200	D	D	D	D	80,000
Mathematical sciences	3,200	3,100	2,450	100	550	D	D	80,000
Female	1,050	950	850	50	100	D	D	95,000
Male	2,150	2,150	1,600	S	500	D	D	79,000
White	1,450	1,400	1,100	100	200	D	D	73,000
Asian ^b	1,400	1,400	1,050	D	300	D	D	96,000
Underrepresented minority ^c	250	250	200	D	50	D	D	82,000
Without disability	3,000	2,900	2,250	100	550	D	D	80,000
With disability	200	200	150	D	D	D	D	80,000
Physical and related sciences	10,500	10,150	7,150	250	2,800	200	150	79,000
Female	3,300	3,050	2,150	100	800	150	100	75,000
Male	7,200	7,100	5,000	150	2,000	D	D	80,000
White	5,550	5,400	4,050	100	1,200	50	100	80,000
Asian ^b	3,850	3,700	2,400	D	1,250	100	D	79,000

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(Number)

Field, sex, race, ethnicity, and disability status	All recipients	Total	Employed			Unemployed		Median salary for full-time employed ^a (\$)
			Full time	Part time	Postdoc	Seeking work	Not seeking work	
Underrepresented minority ^c	900	850	550	S	250	D	D	70,000
Without disability	9,800	9,500	6,600	250	2,650	150	100	80,000
With disability	700	650	500	D	150	D	D	72,000
Psychology	7,650	7,450	6,100	750	600	50	150	81,000
Female	5,600	5,400	4,350	600	400	D	150	81,000
Male	2,100	2,000	1,700	150	200	D	D	80,000
White	5,150	5,050	4,200	400	400	D	S	80,000
Asian ^b	850	800	500	200	D	D	D	75,000
Underrepresented minority ^c	1,400	1,300	1,100	100	100	S	D	78,000
Without disability	7,200	6,950	5,700	700	550	S	150	82,000
With disability	500	450	350	D	100	D	D	65,000
Social and related sciences	8,450	8,050	7,050	550	400	300	150	78,000
Female	4,300	4,050	3,450	350	300	200	100	71,000
Male	4,150	4,000	3,650	200	100	100	50	90,000
White	5,250	5,050	4,400	350	300	100	100	75,000
Asian ^b	1,650	1,450	1,350	50	D	150	D	92,000
Underrepresented minority ^c	1,450	1,400	1,200	100	50	50	S	75,000
Without disability	8,050	7,600	6,700	550	400	250	150	79,000
With disability	450	400	350	50	D	D	D	69,000
Engineering	17,400	16,800	14,350	350	2,100	300	300	100,000
Female	4,300	4,100	3,450	150	500	S	150	94,000
Male	13,100	12,650	10,850	150	1,600	250	150	102,000
White	7,400	7,050	6,150	150	750	200	150	97,000
Asian ^b	8,350	8,150	6,900	100	1,150	S	100	103,000
Underrepresented minority ^c	1,400	1,300	1,050	50	200	D	S	99,000
Without disability	16,500	15,900	13,550	350	2,000	300	300	100,000
With disability	900	900	750	D	S	D	D	94,000
Health	4,750	4,600	3,550	450	600	50	100	80,000
Female	3,200	3,050	2,400	350	300	50	100	81,000
Male	1,550	1,550	1,150	100	300	D	D	75,000
White	2,650	2,550	2,100	250	200	D	50	83,000
Asian ^b	1,200	1,150	750	100	350	D	D	70,000
Underrepresented minority ^c	850	800	650	100	50	50	D	78,000
Without disability	4,350	4,200	3,200	400	600	50	100	80,000
With disability	400	350	350	D	D	D	D	76,000

* = value < 25. D = suppressed to avoid disclosure of confidential information. S = suppressed for reliability; coefficient of variation exceeds publication standards.

SEH = science, engineering, and health.

^a Salary data are for principal jobs only. Full-time employed are those working at least 35 hours per week at their principal jobs.

^b Excludes Native Hawaiian or Other Pacific Islander.

^c Underrepresented minority category 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):

Numbers rounded to nearest 50, and median salaries rounded to nearest \$1,000. Detail may not add to total because of rounding and suppression. Total includes Native Hawaiian or Other Pacific Islander and persons of more than one race who are not Hispanic or Latino. Survey of Doctorate Recipients 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. Respondents who answered "moderate," "severe," or "unable to do" for any activity were classified as having a disability. Field of study reporting for the 2019 Survey of Doctorate Recipients was updated to better align with the National Center for Science and Engineering Statistics's taxonomy of disciplines (ToD). The ToD is based on the Classification of Instructional Programs (CIP 2010) issued by the National Center for Education Statistics.

Source(s):

National Center for Science and Engineering Statistics, Survey of Doctorate Recipients, 2019.