

Table 9-9

Employment status of scientists and engineers, by age, sex, ethnicity, race, and disability status: 2019

(Number)

Age (years), sex, ethnicity, race, and disability status	Total	Employed		Not employed		
		Full time	Part time	Seeking employment	Not seeking employment	Retired ^a
75 and younger	35,540,000	23,961,000	4,666,000	775,000	2,133,000	4,005,000
Female	17,502,000	10,673,000	3,047,000	376,000	1,594,000	1,811,000
Male	18,038,000	13,288,000	1,618,000	399,000	539,000	2,193,000
Hispanic or Latino ^b	3,114,000	2,176,000	470,000	105,000	207,000	156,000
Not Hispanic or Latino						
American Indian or Alaska Native	115,000	75,000	14,000	2,000	16,000	8,000
Asian	4,669,000	3,296,000	574,000	132,000	419,000	249,000
Black or African American	2,452,000	1,786,000	280,000	102,000	124,000	161,000
Native Hawaiian or Other Pacific Islander	102,000	79,000	3,000	D	6,000	S
White	24,327,000	16,000,000	3,225,000	408,000	1,318,000	3,375,000
More than one race	760,000	550,000	100,000	25,000	42,000	42,000
Without disability	30,995,000	21,639,000	4,060,000	612,000	1,685,000	2,999,000
With disability	4,545,000	2,322,000	606,000	163,000	448,000	1,006,000
29 and younger	5,123,000	3,855,000	652,000	141,000	474,000	D
Female	2,842,000	2,036,000	444,000	71,000	292,000	D
Male	2,281,000	1,819,000	209,000	71,000	183,000	D
Hispanic or Latino ^b	597,000	410,000	101,000	25,000	61,000	D
Not Hispanic or Latino						
American Indian or Alaska Native	18,000	10,000	S	D	S	D
Asian	869,000	586,000	150,000	30,000	103,000	D
Black or African American	361,000	243,000	66,000	20,000	32,000	D
Native Hawaiian or Other Pacific Islander	10,000	8,000	S	D	D	D
White	3,078,000	2,473,000	305,000	44,000	256,000	D
More than one race	190,000	125,000	28,000	21,000	15,000	D
Without disability	4,707,000	3,576,000	590,000	125,000	415,000	D
With disability	417,000	279,000	62,000	16,000	59,000	D
30–39	8,595,000	6,881,000	967,000	192,000	550,000	S
Female	4,484,000	3,157,000	754,000	106,000	464,000	S
Male	4,112,000	3,724,000	213,000	86,000	86,000	S
Hispanic or Latino ^b	863,000	691,000	110,000	26,000	36,000	S
Not Hispanic or Latino						
American Indian or Alaska Native	34,000	24,000	S	D	S	D
Asian	1,347,000	1,027,000	119,000	36,000	165,000	D
Black or African American	610,000	499,000	60,000	25,000	26,000	D
Native Hawaiian or Other Pacific Islander	16,000	15,000	1,000	D	S	D
White	5,478,000	4,425,000	643,000	102,000	305,000	S
More than one race	247,000	200,000	27,000	2,000	16,000	D
Without disability	8,022,000	6,498,000	890,000	143,000	488,000	3,000
With disability	573,000	384,000	77,000	49,000	62,000	D
40–49	7,210,000	5,712,000	899,000	122,000	457,000	20,000
Female	3,606,000	2,517,000	660,000	57,000	363,000	S
Male	3,604,000	3,194,000	239,000	65,000	94,000	12,000
Hispanic or Latino ^b	682,000	505,000	122,000	18,000	34,000	D
Not Hispanic or Latino						
American Indian or Alaska Native	24,000	19,000	D	D	D	D
Asian	1,171,000	912,000	152,000	23,000	81,000	D
Black or African American	572,000	486,000	40,000	16,000	29,000	D
Native Hawaiian or Other Pacific Islander	36,000	36,000	D	D	D	D

Table 9-9**Employment status of scientists and engineers, by age, sex, ethnicity, race, and disability status: 2019**

(Number)

Age (years), sex, ethnicity, race, and disability status	Total	Employed		Not employed		
		Full time	Part time	Seeking employment	Not seeking employment	Retired ^a
White	4,578,000	3,631,000	564,000	64,000	307,000	12,000
More than one race	146,000	122,000	20,000	D	3,000	D
Without disability	6,478,000	5,195,000	815,000	103,000	352,000	14,000
With disability	732,000	517,000	85,000	19,000	106,000	7,000
50–75	14,612,000	7,514,000	2,147,000	320,000	652,000	3,979,000
Female	6,571,000	2,963,000	1,190,000	142,000	475,000	1,801,000
Male	8,040,000	4,551,000	957,000	178,000	176,000	2,178,000
Hispanic or Latino ^b	972,000	569,000	137,000	36,000	76,000	153,000
Not Hispanic or Latino						
American Indian or Alaska Native	40,000	23,000	4,000	D	D	8,000
Asian	1,282,000	771,000	153,000	43,000	70,000	245,000
Black or African American	910,000	558,000	114,000	40,000	37,000	160,000
Native Hawaiian or Other Pacific Islander	39,000	20,000	S	D	D	S
White	11,192,000	5,470,000	1,713,000	198,000	451,000	3,360,000
More than one race	177,000	103,000	25,000	S	7,000	41,000
Without disability	11,789,000	6,371,000	1,765,000	241,000	430,000	2,982,000
With disability	2,823,000	1,143,000	383,000	79,000	221,000	997,000

D = suppressed for data confidentiality reasons. S = suppressed for reliability; coefficient of variation exceeds publication standards.

S&E = science and engineering.

^a Includes those listing "retired" as a reason for not working and who are not looking for work.

^b Hispanic or Latino may be any race; race categories exclude Hispanic origin.

Note(s):

Numbers are rounded to nearest 1,000. Detail may not add to total because of rounding and suppression. 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. Respondents who answered "moderate," "severe," or "unable to do" for any activity were classified as having a disability. Scientists and engineers are individuals under the age of 76 who have a bachelor's or higher degree, are living in the United States, and have an S&E or S&E- related degree or occupation.

Source(s):

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