

Table LBR-1

Measures and size of U.S. S&E workforce with a bachelor's degree or higher: 2019

(Number)

Measure	Individuals
Scientists and engineers	
S&E or S&E-related occupation or degree	28,627,000
Occupation	
Employed in S&E occupations (NSCG)	7,466,000
Employed in S&E occupations (ACS)	6,559,000
Education	
At least one degree in S&E field	25,859,000
Highest degree in S&E field	19,662,000
Job requires S&E technical expertise at bachelor's level	
In one or more S&E fields	21,767,000
Engineering, computer science, mathematics, or natural sciences	16,000,000
Social sciences	5,767,000

ACS = American Community Survey; NSCG = National Survey of College Graduates.

Note(s):

The data source is NSCG unless otherwise noted. The NSCG estimate of the number of workers in S&E occupations includes postsecondary teachers of S&E fields, and the ACS estimate excludes them. The totals for at least one degree in S&E field and highest degree in S&E field include individuals who are employed and those who are unemployed and out of the labor force. Scientists and engineers are individuals under the age of 76 with a bachelor's degree or higher, 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, NSCG, 2019; U.S. Census Bureau, ACS, 2019, Public Use Microdata Sample (PUMS), data as of 25 October 2020.

Science and Engineering Indicators