

TABLE 6-B

Employment of the skilled technical workforce in U.S. medium-high R&D intensive industries: 2017

(Thousands of employees and percent share)

Industry	Total	STW	STW share (%)
Medium-high R&D intensive industries	5,832.5	1,084.6	18.6
Chemicals excluding pharmaceuticals	769.0	212.8	27.7
Electrical equipment	401.1	79.1	19.7
IT services	2,659.5	355.6	13.4
Machinery and equipment	622.9	149.1	23.9
Motor vehicles	1,277.6	265.8	20.8
Railroad and other transportation	62.4	11.9	19.1
Weapons	40.0	10.3	25.8

IT = information technology; STW = skilled technical workforce.

Note(s):

Skilled technical workers are in occupations that employ significant levels of S&E expertise and technical knowledge and whose educational attainment is less than a bachelor's degree. Employment figures are for those aged 25 and older and do not include those employed in military occupations. Medium-high R&D intensive industries are classified by the Organisation for Economic Co-operation and Development.

Source(s):

Census Bureau, American Community Survey (ACS) (2018), public use microdata.

Science and Engineering Indicators