

Table SKTI-2

Employment in KTI industries, by workforce and education: 2019

(Thousands)

Industry	ISIC, Rev.4, industry code	Total	STEM without bachelor's degree (STW)	STEM with bachelor's degree or above	Non-STEM
All industries (including KTI industries)		155,423	19,853	16,241	119,329
All KTI industries		11,667	2,243	3,427	5,997
Manufacturing		7,062	1,568	1,432	4,062
Chemicals and chemical products	20	852	266	136	451
Pharmaceuticals	21	536	85	167	284
Computer, electronic, and optical products	26	1,169	214	357	598
Electrical equipment	27	435	89	60	286
Machinery and equipment nec	28	1,122	289	146	686
Motor vehicles, trailers, and semi-trailers	29	1,428	314	185	929
Air and spacecraft and related machinery	303	820	190	250	380
Railroad, military vehicles, and transport nec	302, 304, and 309	66	12	8	45
Medical and dental instruments	325	634	109	122	402
Services		4,605	675	1,995	1,935
IT and other information services	62 - 63	3,767	593	1,586	1,588
Software publishing	582	131	11	54	65
Scientific research and development	72	708	71	355	282

ISIC, Rev.4 = International Standard Industry Classification, Revision 4; IT = information technology; KTI = knowledge and technology intensive; nec = not elsewhere classified; STEM = science, technology, engineering, and mathematics; STW = skilled technical workforce.

Note(s):

KTI industries include high R&D intensive and medium-high R&D intensive industries based on a classification by the Organisation for Economic Co-operation and Development. Data include workers ages 16–75 and exclude those in military occupations or currently enrolled in primary or secondary school. Values are rounded to the nearest thousand.

Source(s):

U.S. Census Bureau, American Community Survey (ACS), 2019, Public Use Microdata Sample (PUMS), accessed 12 December 2020.

Science and Engineering Indicators