

Table KTI-3

## Global KTI industries, by value added and share of global GDP: 2019

(Billions of dollars and percent)

Industry	ISIC, Rev.4, industry code	Value added (\$billions)	Share of global KTI (%)	Share of global GDP (%)
All KTI industries		9,220.0	100.0	11.5
Manufacturing		6,407.5	69.5	8.0
Chemicals and chemical products	20	1,052.9	11.4	1.3
Pharmaceuticals	21	658.0	7.1	0.8
Computer, electronic, and optical products	26	1,255.0	13.6	1.6
Electrical equipment	27	666.2	7.2	0.8
Machinery and equipment nec	28	1,163.4	12.6	1.5
Motor vehicles, trailers, and semi-trailers	29	1,060.8	11.5	1.3
Air and spacecraft and related machinery	303	258.9	2.8	0.3
Railroad, military vehicles, and transport nec	302, 304, and 309	117.2	1.3	0.1
Medical and dental instruments	325	175.1	1.9	0.2
Services		2,812.6	30.5	3.5
IT and other information services	62 - 63	1,720.7	18.7	2.1
Software publishing	58	390.5	4.2	0.5
Scientific research and development	72	701.3	7.6	0.9

GDP = gross domestic product; ISIC, Rev.4 = International Standard Industrial Classification, Revision 4; IT = information technology; KTI = knowledge and technology intensive; nec = not elsewhere classified.

**Note(s):**

*Value added* is the amount contributed by a country, an industry, or other entity to the value of a good or service and excludes purchases of domestic and imported materials and inputs. 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. The global values above do not include all countries and economies due to limitations in data availability. See Table SKTI-4 for a list of countries and economies for which data are available and Table SKTI-5 through Table SKTI-19 for historical country-level data on these industries.

**Source(s):**

U.S. Bureau of Economic Analysis, Value Added by Industry, accessed 5 October 2021; IHS Markit, special tabulations (2021) of the Comparative Industry Service.

*Science and Engineering Indicators*