

Table SKTI-14

## Value added of air and spacecraft and related machinery industry, by region, country, or economy: 2002–19

(Millions of current dollars)

Region, country, or economy	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
World	103,627	107,921	114,580	133,947	146,610	171,202	178,178	174,360	182,640	196,720	197,786	208,339	219,040	221,393	219,874	233,748	247,522	258,874
North America	61,920	61,542	64,005	76,633	83,323	99,400	98,491	102,078	106,707	111,143	111,299	117,382	125,099	133,892	129,723	137,795	144,087	152,239
Canada	3,665	4,438	4,653	4,978	5,570	6,400	7,284	6,143	6,592	6,801	7,553	8,359	8,848	8,064	6,814	7,228	7,666	8,365
Mexico	533	389	427	480	519	597	678	534	589	745	997	1,180	1,356	1,389	1,324	1,361	1,547	1,600
United States	57,722	56,715	58,925	71,176	77,234	92,402	90,529	95,402	99,527	103,597	102,750	107,842	114,895	124,439	121,585	129,207	134,874	142,274
Central and South America	1,780	1,494	1,924	1,559	1,824	1,953	2,315	1,524	2,165	2,451	2,518	3,084	2,706	2,199	2,020	2,825	1,910	1,744
Argentina	4	5	6	8	8	10	11	10	10	10	9	9	7	7	6	8	7	5
Brazil	1,587	1,288	1,757	1,445	1,705	1,790	2,143	1,300	1,917	2,239	2,215	2,807	2,445	2,006	1,859	2,649	1,722	1,541
Chile	7	13	22	12	10	10	8	8	9	11	12	16	17	9	12	14	14	12
Colombia	24	21	13	16	22	33	38	60	79	80	92	95	91	50	38	52	60	67
Peru	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Other Central and South America	158	167	125	79	79	110	115	146	149	111	190	158	146	128	103	101	107	120
Europe	28,710	32,254	34,774	40,497	43,697	48,598	54,529	47,010	47,646	55,709	57,948	62,107	64,368	57,584	56,990	60,868	63,251	61,594
EU	17,023	18,437	17,787	22,288	23,439	27,029	33,233	30,015	30,362	33,178	34,936	37,822	40,781	36,861	38,210	41,932	45,471	43,849
France	6,316	6,915	5,573	8,208	9,338	10,821	12,955	11,700	10,872	11,371	13,150	14,225	15,316	14,909	15,139	14,240	14,514	13,142
Germany	5,667	5,848	5,871	7,345	6,906	8,027	9,397	8,278	9,715	9,892	10,617	10,935	11,824	10,538	10,878	14,818	17,008	17,244
Italy	2,026	1,783	2,222	2,232	2,442	2,848	4,776	4,340	4,022	4,186	4,072	3,628	4,503	3,587	4,609	4,701	5,384	5,266
Spain	765	1,061	1,183	1,268	1,480	1,516	2,004	1,915	1,787	2,955	2,638	3,934	3,731	2,911	2,606	2,956	3,312	3,137
Other EU	2,250	2,830	2,937	3,235	3,273	3,817	4,102	3,782	3,967	4,775	4,458	5,099	5,407	4,915	4,979	5,217	5,253	5,060
Non-EU	11,687	13,817	16,987	18,210	20,258	21,569	21,296	16,995	17,284	22,531	23,013	24,285	23,587	20,723	18,780	18,935	17,780	17,745
United Kingdom	10,021	11,836	14,321	14,785	15,916	15,779	14,650	10,752	9,728	12,665	11,723	10,909	10,824	12,304	10,460	10,841	9,925	9,194
Russia	1,131	1,410	1,949	2,420	3,104	4,314	4,734	4,241	5,024	6,381	8,092	9,827	9,620	5,475	5,444	5,507	4,936	5,238
Switzerland	168	211	249	261	294	334	400	384	758	1,117	971	1,189	1,243	1,254	996	1,055	1,116	1,083
Other non-EU	368	361	468	743	944	1,142	1,512	1,617	1,773	2,368	2,227	2,360	1,901	1,690	1,880	1,532	1,803	2,230
Middle East	809	1,159	1,296	1,270	1,379	1,421	1,820	1,763	1,818	2,183	1,964	2,037	2,159	2,025	2,149	2,539	2,571	2,755
Iran	197	480	523	440	477	276	327	325	344	505	268	230	302	291	308	361	321	312
Israel	517	569	634	664	711	905	1,171	1,158	1,155	1,273	1,289	1,413	1,459	1,341	1,358	1,572	1,650	1,755
Saudi Arabia	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
United Arab Emirates	63	71	83	103	138	158	184	136	150	177	197	217	220	235	262	269	244	329
Other Middle East	33	39	56	63	53	82	138	143	169	227	210	177	178	158	220	336	357	359
Africa	366	458	492	541	583	434	481	488	527	555	562	581	606	539	704	890	956	986
Egypt	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nigeria	10	10	11	11	11	12	12	12	11	11	12	13	14	13	10	10	19	33
South Africa	91	121	141	144	150	163	158	187	198	193	183	165	156	161	169	165	164	152
Other Africa	265	327	340	386	422	259	312	289	318	351	366	402	437	364	525	714	773	800
Asia	9,252	10,024	10,906	12,129	14,370	17,836	19,291	20,208	21,989	22,460	21,207	21,255	22,139	23,288	26,468	27,105	31,992	37,092

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(Millions of current dollars)

Region, country, or economy	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
China	2,903	3,310	3,382	4,165	5,058	7,425	8,523	8,811	9,349	8,702	9,036	9,529	10,405	11,052	12,186	14,321	18,098	20,811
India	34	49	71	62	73	85	87	27	43	44	153	166	254	203	248	273	329	337
Indonesia	59	76	93	118	97	101	149	156	208	278	249	100	100	74	83	92	93	96
Japan	4,532	4,861	5,363	5,464	6,290	6,945	6,993	7,785	8,257	8,971	7,201	6,337	6,177	7,087	8,487	7,369	7,677	9,299
Malaysia	28	31	33	82	212	206	312	237	337	463	579	691	755	368	406	456	556	627
Philippines	47	49	55	65	69	55	85	76	60	61	73	9	88	176	150	157	165	148
Singapore	884	886	1,089	1,294	1,505	1,774	1,907	1,857	1,998	2,139	2,184	2,263	2,105	1,974	1,851	1,865	2,001	2,485
South Korea	283	281	345	396	570	679	572	577	920	834	946	1,272	1,318	1,348	1,942	1,377	1,842	1,953
Taiwan	211	178	141	110	67	102	134	118	138	167	188	203	230	256	265	270	292	316
Thailand	9	11	12	14	17	20	20	17	25	27	10	8	6	5	12	14	15	17
Vietnam	3	4	4	6	1	1	1	2	1	1	2	7	1	2	2	14	16	21
Other Asia	259	290	319	354	411	443	509	544	653	773	586	670	698	743	835	898	909	982
Oceania	790	991	1,182	1,317	1,435	1,561	1,250	1,288	1,789	2,220	2,287	1,893	1,962	1,866	1,819	1,727	2,754	2,464
Australia	582	723	866	980	1,128	1,191	928	962	1,413	1,818	1,927	1,534	1,587	1,526	1,482	1,330	2,342	2,079
New Zealand	207	269	316	337	307	370	322	326	376	402	361	359	375	340	337	397	412	385

\* = amount &lt; \$500,000.

EU = European Union.

**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. Detail may not add to total because of rounding. The world total and regional totals do not include all countries and economies due to limitations in data availability. See Table SKTI-4 for a full list of countries and economies in each region for which data are available. China includes Hong Kong. The EU total excludes the United Kingdom (UK) to reflect the new EU country composition following the UK's withdrawal on 1 February 2020. In order to maintain consistency over time, the EU aggregate excludes the UK for the entire time series.

**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*