

Table SKTI-16

Value added of medical and dental instruments 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	74,973	81,650	86,167	90,381	97,685	108,264	121,790	129,166	134,222	138,186	138,540	143,866	146,180	143,140	148,885	159,254	172,677	175,126
North America	37,534	38,945	40,331	42,373	45,913	48,073	51,882	59,503	60,690	57,427	59,683	58,980	58,697	58,642	62,405	65,307	68,448	70,088
Canada	1,059	1,308	1,405	1,458	1,616	1,734	1,818	1,698	1,962	2,074	2,029	2,199	1,791	1,639	1,690	1,605	1,711	1,764
Mexico	1,547	1,455	1,309	1,426	1,558	1,665	1,927	1,686	1,762	1,857	1,938	2,006	2,048	2,000	1,965	2,125	2,461	2,606
United States	34,928	36,182	37,616	39,489	42,739	44,674	48,137	56,119	56,967	53,495	55,716	54,774	54,858	55,003	58,750	61,577	64,276	65,718
Central and South America	1,176	1,251	1,452	1,724	2,021	2,668	3,410	3,587	4,284	4,546	4,718	4,524	4,254	3,275	3,148	3,685	3,372	3,302
Argentina	12	15	18	20	21	23	29	28	31	32	32	32	23	21	20	24	21	20
Brazil	529	581	696	888	1,097	1,460	2,017	2,096	2,795	3,091	3,193	3,157	3,067	2,216	2,068	2,556	2,146	2,194
Chile	1	2	2	2	2	2	2	3	4	3	3	4	5	6	21	25	29	24
Colombia	175	181	220	244	273	341	380	325	349	342	328	198	193	278	337	308	328	273
Peru	289	296	327	372	411	583	666	792	767	750	926	896	743	542	522	576	633	583
Other Central and South America	170	177	189	197	216	258	316	343	338	328	235	235	223	211	180	196	215	208
Europe	20,710	25,257	27,538	27,948	30,213	34,562	38,779	36,416	36,852	40,289	35,921	38,568	38,964	37,463	37,868	40,910	45,345	43,715
EU	15,971	19,419	21,304	21,357	22,913	26,057	29,683	28,500	28,773	31,364	27,376	29,714	30,509	30,252	30,732	33,433	37,178	35,618
France	2,381	2,981	3,301	3,242	3,234	3,600	3,947	3,925	3,673	3,784	3,352	3,785	3,842	3,136	3,216	3,309	3,395	3,238
Germany	5,104	6,630	7,183	7,293	8,099	9,076	10,114	9,696	10,466	12,281	10,550	11,205	11,312	9,867	9,832	11,579	12,712	11,990
Italy	3,080	3,345	3,654	3,709	3,978	4,603	5,037	4,548	4,890	4,755	3,906	4,169	4,257	3,756	3,982	4,481	5,012	5,000
Spain	802	1,007	1,161	1,135	1,260	1,512	1,896	1,755	1,527	1,559	1,454	1,458	1,461	1,163	1,167	1,264	1,478	1,484
Other EU	4,604	5,455	6,005	5,977	6,342	7,265	8,689	8,576	8,217	8,985	8,115	9,096	9,637	12,329	12,534	12,800	14,581	13,905
Non-EU	4,739	5,838	6,234	6,591	7,300	8,505	9,096	7,916	8,079	8,925	8,546	8,855	8,455	7,210	7,136	7,477	8,167	8,097
United Kingdom	3,156	3,844	3,927	3,885	4,193	4,846	4,473	4,462	4,309	4,429	4,227	4,102	4,110	3,925	3,639	3,583	3,919	3,840
Russia	320	521	756	1,029	1,267	1,520	1,938	1,156	1,333	1,775	1,704	1,868	1,514	676	721	1,067	1,273	1,365
Switzerland	950	1,086	1,131	1,161	1,246	1,439	1,775	1,623	1,664	1,863	1,795	2,002	2,036	1,896	1,996	2,051	2,174	2,057
Other non-EU	313	387	420	516	594	699	910	676	773	857	820	882	795	714	779	776	801	835
Middle East	262	296	297	325	374	438	537	530	604	689	608	613	633	604	629	725	751	798
Iran	37	44	47	49	67	80	104	133	159	220	113	102	129	125	113	130	116	113
Israel	113	114	108	112	101	106	114	97	100	92	91	105	114	103	111	127	129	139
Saudi Arabia	16	22	27	30	35	36	45	47	55	66	76	95	98	96	86	119	138	128
United Arab Emirates	26	30	34	42	56	65	80	62	67	75	81	87	87	99	96	108	104	139
Other Middle East	70	87	81	94	115	151	195	191	223	236	246	224	205	181	223	242	265	279
Africa	1,241	1,661	1,940	2,147	2,328	2,651	2,786	2,607	2,849	3,030	2,786	2,862	2,829	2,716	2,381	2,376	2,735	3,179
Egypt	9	7	9	11	12	15	20	23	27	149	28	16	15	309	58	72	95	136
Nigeria	98	108	118	136	160	191	245	236	257	351	465	668	854	694	479	410	484	800
South Africa	736	1,063	1,287	1,389	1,439	1,602	1,612	1,538	1,663	1,526	1,394	1,200	1,152	966	1,028	1,051	1,191	1,239
Other Africa	398	483	525	611	718	843	910	809	902	1,003	899	977	807	747	816	843	964	1,004
Asia	13,900	14,048	14,392	15,642	16,679	19,654	24,160	26,162	28,509	31,746	34,265	37,754	40,268	39,928	41,928	45,681	51,439	53,508

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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	5,724	5,450	5,611	6,832	8,023	10,130	13,589	15,000	16,973	19,151	21,627	25,421	27,191	27,118	27,813	31,068	35,758	36,152
India	271	333	488	526	590	763	794	1,025	1,189	1,458	1,422	1,436	1,813	1,522	1,831	1,893	1,677	1,734
Indonesia	119	135	202	258	340	361	432	442	497	513	523	601	724	905	908	930	955	1,101
Japan	5,094	5,276	5,174	5,011	4,365	4,613	5,605	5,798	5,293	5,999	5,881	5,015	4,839	4,525	4,890	4,817	5,049	5,555
Malaysia	107	114	126	124	137	166	190	248	240	285	334	379	395	398	391	386	442	491
Philippines	24	29	28	32	45	44	26	38	41	43	35	12	10	10	14	13	15	11
Singapore	252	259	214	247	320	429	431	495	699	756	823	943	1,112	1,113	1,417	1,568	1,837	2,529
South Korea	992	1,045	1,056	1,178	1,329	1,492	1,295	1,098	1,306	1,395	1,397	1,507	1,580	1,628	1,753	1,841	2,174	2,083
Taiwan	640	677	699	668	672	689	731	717	811	872	922	1,016	1,077	1,123	1,238	1,310	1,475	1,614
Thailand	544	563	585	533	635	718	759	851	1,015	894	904	966	953	981	999	1,080	1,184	1,167
Vietnam	51	63	81	86	99	115	155	292	269	206	230	267	372	414	464	535	620	808
Other Asia	82	103	128	148	124	134	153	159	176	173	166	191	204	191	209	239	253	263
Oceania	150	191	217	222	158	218	237	361	433	460	558	566	535	513	525	570	587	535
Australia	124	155	176	177	122	172	196	320	396	420	517	521	490	472	477	521	538	487
New Zealand	26	36	40	45	35	45	41	41	38	40	41	45	45	41	48	48	49	48

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, October 2021.

Science and Engineering Indicators