

Table SKTI-9

## Value added of pharmaceuticals 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	256,875	285,989	308,882	323,212	355,289	389,752	415,141	435,708	439,928	471,393	465,123	482,080	502,961	530,653	568,998	593,700	642,580	657,966
North America	103,871	107,628	112,684	111,221	126,929	131,817	132,616	151,480	139,434	138,362	132,841	141,236	148,706	155,782	166,431	170,148	173,333	190,466
Canada	2,941	3,589	3,523	3,734	4,996	4,450	4,176	4,116	4,540	4,283	4,693	3,800	4,465	3,994	4,109	4,077	4,067	4,302
Mexico	3,497	3,467	3,475	3,730	4,076	4,281	4,390	3,613	3,744	3,577	4,158	4,321	4,278	4,152	3,876	3,935	3,779	3,781
United States	97,432	100,571	105,686	103,758	117,857	123,086	124,050	143,751	131,150	130,502	123,990	133,114	139,962	147,636	158,446	162,136	165,487	182,383
Central and South America	4,553	4,828	5,779	7,694	9,467	11,482	13,036	12,672	14,894	16,138	15,531	15,061	14,620	11,991	11,863	14,420	13,493	12,724
Argentina	188	264	329	417	506	623	830	893	1,078	1,196	1,253	1,251	1,047	1,059	1,127	1,232	1,254	1,296
Brazil	3,000	3,282	3,870	5,523	6,930	8,486	9,148	8,657	10,513	11,268	10,131	9,724	9,804	7,257	7,529	9,716	8,498	7,895
Chile	181	203	259	301	396	439	521	498	633	760	787	726	718	634	638	686	709	723
Colombia	549	511	702	719	806	961	1,183	1,149	1,369	1,489	1,659	1,680	1,599	1,406	1,365	1,450	1,538	1,471
Peru	225	189	177	210	245	297	383	401	422	446	482	434	389	283	292	286	292	277
Other Central and South America	409	379	442	524	583	677	971	1,074	880	979	1,219	1,247	1,062	1,352	911	1,050	1,202	1,063
Europe	95,799	113,846	125,475	133,499	142,372	160,137	174,131	167,671	166,818	175,907	165,317	171,553	175,577	185,095	197,510	194,683	215,599	211,355
EU	69,579	83,321	89,451	95,040	98,518	111,819	120,870	119,609	116,699	122,827	114,659	119,819	122,860	134,444	142,598	137,994	154,277	147,950
France	10,813	13,786	14,639	15,342	17,112	17,995	18,137	16,587	15,595	16,656	15,139	15,937	15,281	13,766	13,841	14,192	14,598	14,363
Germany	12,504	16,793	19,629	22,044	23,545	26,982	31,294	28,523	27,198	29,602	28,403	29,553	31,318	25,351	28,475	25,004	30,865	24,796
Italy	7,867	9,560	10,225	9,718	9,738	10,725	12,066	11,164	11,042	11,909	10,909	11,480	10,861	9,858	10,272	10,376	11,045	10,333
Spain	3,935	5,043	5,987	6,556	7,296	8,671	10,092	9,127	7,089	6,819	6,599	8,057	9,104	7,578	7,772	7,747	7,897	7,755
Other EU	34,461	38,139	38,972	41,381	40,827	47,446	49,280	54,208	55,774	57,841	53,609	54,793	56,296	77,891	82,238	80,675	89,871	90,704
Non-EU	26,220	30,525	36,024	38,459	43,854	48,318	53,261	48,062	50,119	53,080	50,658	51,734	52,717	50,651	54,912	56,689	61,323	63,405
United Kingdom	15,010	16,303	18,974	19,676	22,967	23,921	25,465	21,853	21,612	22,054	19,797	18,608	19,437	18,109	18,039	17,561	19,022	19,137
Russia	839	972	1,223	1,485	1,810	2,343	2,695	2,124	2,434	2,601	3,185	3,687	3,307	1,416	2,006	1,728	1,639	1,742
Switzerland	9,596	11,958	14,254	15,253	16,806	19,098	21,771	21,311	22,730	25,453	24,679	26,371	26,949	28,243	31,661	34,058	37,137	38,633
Other non-EU	776	1,292	1,573	2,045	2,272	2,956	3,331	2,774	3,343	2,972	2,997	3,069	3,024	2,882	3,206	3,341	3,524	3,893
Middle East	2,476	2,871	3,270	3,656	4,173	4,777	5,089	5,163	6,415	7,261	6,418	6,161	6,225	7,297	6,280	6,625	5,839	5,713
Iran	354	522	556	608	745	947	1,234	1,606	1,810	2,657	1,408	1,210	1,588	1,528	1,746	1,974	1,688	1,597
Israel	1,642	1,816	2,103	2,326	2,552	2,733	2,632	2,475	3,456	3,333	3,528	3,380	2,950	4,073	2,867	2,789	2,331	2,139
Saudi Arabia	52	57	66	76	88	137	159	163	196	209	250	272	289	310	308	374	418	385
United Arab Emirates	134	149	174	216	291	332	388	286	316	373	423	459	419	459	525	506	398	449
Other Middle East	294	326	371	431	496	628	676	632	636	689	810	841	979	928	834	982	1,003	1,144
Africa	787	867	1,094	1,228	1,303	1,505	1,719	1,813	2,158	2,114	2,184	2,298	2,213	2,346	2,477	2,640	2,929	3,592
Egypt	356	292	382	444	489	607	769	846	1,012	921	922	983	856	987	993	1,160	1,384	1,942
Nigeria	10	10	11	13	16	18	22	20	23	37	61	96	135	135	112	108	128	213
South Africa	236	342	465	509	533	581	596	635	775	778	826	831	817	856	961	948	955	941
Other Africa	185	223	235	262	266	298	331	312	347	378	374	388	406	368	411	423	462	496
Asia	47,757	53,871	58,226	63,555	68,490	77,420	86,109	94,418	106,954	127,769	139,055	142,036	152,247	165,341	181,747	202,049	228,223	231,394

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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	14,497	16,186	16,141	19,658	22,349	28,052	37,488	41,334	47,335	58,692	73,290	84,314	95,166	106,325	116,085	133,259	153,450	158,924
India	3,039	3,438	4,306	5,075	5,614	7,365	8,063	7,915	9,534	13,722	11,486	12,344	13,292	14,276	14,517	19,495	21,806	23,995
Indonesia	1,840	2,137	1,682	2,008	2,026	2,796	3,603	3,427	4,184	3,533	1,468	1,141	1,300	1,091	1,260	1,418	1,415	1,588
Japan	21,473	24,174	25,367	25,351	23,636	22,512	23,366	27,720	31,431	33,576	32,475	27,061	24,127	24,919	29,719	27,432	26,896	27,004
Malaysia	87	99	108	142	180	178	223	212	275	299	323	376	429	374	359	344	380	410
Philippines	151	185	210	236	331	285	236	386	471	430	392	706	556	338	442	546	414	408
Singapore	2,719	3,274	5,228	4,777	7,462	8,506	5,714	6,237	6,205	9,298	11,391	7,218	7,503	7,577	8,000	6,838	9,689	4,534
South Korea	2,647	2,839	3,331	4,206	4,690	5,201	4,611	4,258	4,127	4,666	4,470	4,794	5,440	5,923	6,374	7,177	7,820	7,390
Taiwan	556	649	688	770	875	951	953	1,026	1,177	1,278	1,331	1,381	1,325	1,336	1,447	1,439	1,463	1,662
Thailand	91	109	123	138	170	202	226	260	340	366	436	501	565	629	688	795	983	1,074
Vietnam	208	201	269	273	290	375	480	526	621	430	500	598	735	676	731	709	913	962
Other Asia	449	579	773	922	869	997	1,146	1,118	1,255	1,480	1,493	1,604	1,809	1,879	2,127	2,599	2,994	3,443
Oceania	1,632	2,080	2,353	2,358	2,555	2,613	2,442	2,491	3,254	3,842	3,777	3,736	3,373	2,800	2,692	3,135	3,165	2,723
Australia	1,557	2,010	2,277	2,266	2,477	2,495	2,379	2,404	3,122	3,709	3,584	3,522	3,156	2,594	2,467	2,915	2,953	2,525
New Zealand	75	71	76	92	77	118	63	87	133	134	194	214	217	206	225	220	212	198

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*