

Table SKTI-18

Value added of software publishing 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	101,149	111,002	128,760	141,473	146,199	177,252	189,842	188,693	206,329	232,283	235,115	254,348	270,752	271,446	287,902	319,604	358,121	390,486
North America	59,813	64,487	73,824	82,903	83,300	103,844	108,640	109,781	120,675	134,227	141,926	154,871	163,723	170,310	182,355	201,799	223,045	246,929
Canada	1,895	2,152	2,680	3,207	3,816	4,430	4,643	4,159	4,835	5,438	5,738	6,066	6,238	5,348	5,360	5,871	6,281	6,702
Mexico	459	407	428	481	528	602	663	574	668	768	773	872	913	851	801	868	872	899
United States	57,460	61,927	70,716	79,215	78,956	98,812	103,334	105,048	115,173	128,020	135,414	147,933	156,572	164,111	176,194	195,060	215,892	239,328
Central and South America	1,073	1,195	1,541	1,975	2,311	2,951	3,843	3,856	4,449	5,288	4,757	4,437	4,362	3,637	2,943	3,467	3,470	3,335
Argentina	59	81	109	133	154	191	245	257	313	374	408	414	418	508	454	554	453	389
Brazil	639	744	972	1,277	1,496	1,931	2,554	2,553	3,031	3,550	2,965	2,655	2,695	1,750	1,580	1,802	1,735	1,803
Chile	106	110	150	127	147	170	174	175	198	237	227	237	196	147	151	165	155	148
Colombia	84	73	78	165	191	258	342	300	372	463	435	392	343	265	255	289	307	295
Peru	42	54	62	70	82	89	107	112	137	171	154	153	137	129	133	154	165	176
Other Central and South America	143	134	170	204	240	312	420	459	397	494	568	587	573	838	371	503	655	523
Europe	25,291	28,906	34,475	36,177	39,039	47,274	52,825	49,701	52,468	59,527	56,356	61,738	66,386	63,980	66,549	75,360	87,499	94,873
EU	17,798	20,654	24,594	25,801	28,185	34,127	39,719	38,420	40,133	45,533	42,199	46,454	49,743	48,294	51,528	59,615	70,451	75,629
France	4,067	4,737	5,509	5,753	6,362	7,332	8,294	7,957	8,199	9,321	8,849	9,762	10,581	9,187	9,843	11,165	12,070	12,159
Germany	4,231	4,845	5,671	5,899	6,382	8,008	9,920	9,256	9,563	11,608	10,865	11,891	12,253	10,419	10,977	11,901	12,469	12,323
Italy	1,934	2,082	2,393	2,509	2,674	3,097	3,365	3,115	3,384	3,259	2,466	2,526	2,613	2,097	2,338	2,518	2,779	2,498
Spain	1,432	1,679	1,901	2,133	2,222	2,451	2,736	2,643	2,504	2,577	2,094	1,992	2,024	1,895	1,903	2,099	2,291	2,453
Other EU	6,134	7,311	9,119	9,507	10,545	13,239	15,404	15,449	16,484	18,769	17,924	20,284	22,272	24,696	26,467	31,933	40,843	46,196
Non-EU	7,493	8,251	9,882	10,376	10,853	13,146	13,106	11,281	12,335	13,994	14,158	15,283	16,642	15,687	15,020	15,746	17,048	19,244
United Kingdom	5,805	6,265	7,562	7,751	7,947	9,657	9,214	7,842	8,399	9,288	9,386	10,090	11,687	11,227	10,499	10,649	11,527	13,037
Russia	270	396	472	571	739	897	1,052	679	812	1,124	1,354	1,459	1,225	1,184	1,260	1,577	1,740	1,945
Switzerland	519	592	657	687	696	742	845	856	955	1,133	1,021	1,092	1,171	1,184	1,228	1,299	1,390	1,459
Other non-EU	899	999	1,189	1,367	1,471	1,851	1,995	1,904	2,168	2,449	2,397	2,643	2,560	2,092	2,033	2,220	2,391	2,803
Middle East	401	381	416	468	530	621	730	686	764	872	868	951	995	1,073	1,145	1,244	1,292	1,371
Iran	57	35	21	35	41	40	48	55	64	92	51	48	64	69	80	89	57	46
Israel	211	204	222	246	263	298	348	306	327	340	333	375	351	400	429	473	518	562
Saudi Arabia	18	20	23	27	33	48	48	50	65	79	84	91	105	100	103	109	115	126
United Arab Emirates	39	40	47	54	65	73	91	83	93	114	126	138	153	168	184	203	214	227
Other Middle East	76	83	103	106	129	162	194	192	214	247	274	300	323	336	349	370	389	410
Africa	138	181	227	239	280	334	328	317	401	440	477	532	573	502	484	506	569	619
Egypt	8	8	10	12	16	24	32	39	47	57	74	77	119	93	85	63	79	103
Nigeria	7	7	9	12	16	22	28	27	32	46	53	69	86	87	82	76	85	95
South Africa	92	130	170	170	200	229	208	189	250	262	278	281	251	208	193	236	258	257
Other Africa	31	35	38	45	49	59	61	62	73	75	72	105	117	114	123	131	147	164
Asia	12,663	13,428	15,336	16,597	17,315	17,723	19,075	20,147	22,818	26,522	25,632	27,117	30,148	28,117	30,918	33,947	39,110	40,179

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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	1,455	1,640	2,034	2,283	2,472	2,873	3,305	3,532	3,854	4,928	5,742	6,798	8,806	8,806	9,048	10,512	12,552	12,280
India	274	332	314	484	581	770	870	818	1,070	1,378	1,300	1,361	1,328	1,368	1,466	1,663	1,671	1,793
Indonesia	163	167	195	204	284	266	319	360	471	496	461	459	447	403	443	514	532	609
Japan	7,085	7,567	8,598	8,557	8,043	7,372	8,377	9,055	9,607	10,320	9,039	7,632	7,228	6,500	7,396	7,150	7,406	7,309
Malaysia	153	176	200	178	264	228	270	245	505	665	578	523	584	505	521	566	664	662
Philippines	40	17	17	19	21	26	3	3	3	4	4	3	7	7	9	10	11	13
Singapore	96	93	97	161	177	80	81	84	108	141	137	134	128	102	97	107	119	126
South Korea	2,712	2,715	3,068	3,820	4,576	5,149	4,770	4,941	5,915	7,099	6,957	8,706	10,060	8,890	10,345	11,676	14,321	15,515
Taiwan	617	647	725	794	787	824	920	931	1,082	1,266	1,187	1,218	1,222	1,167	1,177	1,289	1,362	1,311
Thailand	19	23	30	32	40	48	58	57	69	78	76	85	85	87	88	99	85	127
Vietnam	6	7	8	9	10	12	13	14	9	8	7	7	8	8	9	10	11	13
Other Asia	41	45	51	56	61	76	88	106	125	139	145	190	245	275	318	351	376	421
Oceania	1,770	2,424	2,941	3,113	3,424	4,505	4,401	4,205	4,755	5,408	5,099	4,702	4,565	3,826	3,509	3,280	3,135	3,181
Australia	1,571	2,151	2,591	2,723	3,092	4,121	4,075	3,868	4,426	4,969	4,624	4,170	4,000	3,355	3,037	2,828	2,724	2,753
New Zealand	200	273	350	390	332	384	326	337	329	439	476	532	565	471	472	452	411	428

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