

TABLE S6-9

Value added of publishing industry (including software), by region, country, or economy: 2002–18

(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
World	237,838	261,470	293,306	310,900	305,854	351,381	360,681	334,316	348,201	367,978	366,341	373,055	381,912	376,778	398,177	430,968	461,559
North America	142,479	151,700	167,826	181,052	171,711	202,336	199,805	187,510	196,842	205,310	212,504	221,376	226,467	233,849	255,928	276,430	297,200
Canada	4,469	5,123	6,234	7,302	8,318	9,389	9,416	7,956	8,836	9,400	9,825	9,781	9,685	8,024	7,899	8,431	8,564
Mexico	1,079	982	1,003	1,100	1,162	1,275	1,344	1,098	1,220	1,328	1,324	1,406	1,418	1,282	1,156	1,140	1,250
United States	136,930	145,595	160,589	172,650	162,231	191,672	189,045	178,456	186,786	194,582	201,354	210,189	215,364	224,544	246,873	266,859	287,386
Central and South America	2,452	2,725	3,383	4,268	4,837	5,960	7,506	7,168	7,872	8,808	7,806	6,884	6,576	5,376	4,186	4,721	4,367
Argentina	139	196	254	304	340	405	497	491	573	647	698	667	649	765	650	757	595
Bolivia	18	16	17	19	23	25	30	32	35	41	44	48	49	55	61	65	69
Brazil	1,503	1,794	2,278	2,920	3,291	4,092	5,180	4,884	5,539	6,136	5,077	4,280	4,184	2,637	2,277	2,494	2,246
Chile	176	106	125	158	200	221	260	289	295	286	281	299	246	243	234	237	249
Colombia	198	176	183	260	297	391	500	411	487	590	515	444	395	310	285	300	308
Costa Rica	24	25	28	29	36	43	47	42	55	64	68	71	78	88	93	96	100
Ecuador	33	40	49	56	50	81	76	86	91	89	99	88	85	80	78	80	82
Honduras	23	26	28	28	30	30	34	39	34	41	43	41	42	43	42	42	38
Jamaica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Panama	36	36	43	43	46	61	69	78	79	81	90	97	98	106	108	113	120
Peru	99	130	145	159	181	189	217	215	251	296	263	247	213	195	192	220	231
Uruguay	39	28	31	41	52	60	77	74	87	100	104	107	103	97	92	101	93
Venezuela	164	151	201	249	292	362	518	527	344	438	525	496	435	757	74	216	236
Europe	62,987	73,663	84,477	86,965	91,137	105,160	112,742	99,873	100,686	107,037	101,006	103,207	105,898	98,506	97,758	108,276	117,093
EU	59,160	69,114	78,879	80,373	83,965	96,297	102,762	92,138	92,485	98,083	91,955	94,034	97,502	92,063	91,691	101,652	110,192
Austria	801	927	1,030	1,109	1,162	1,321	1,419	1,218	1,242	1,375	1,306	1,494	1,438	1,252	1,292	1,332	1,433
Belgium	869	1,112	1,275	1,296	1,344	1,559	1,706	1,736	1,631	1,648	1,418	1,463	1,564	1,290	1,272	1,251	1,375
Bulgaria	24	31	41	42	57	73	118	108	98	125	118	140	146	128	161	158	179
Czechia	310	341	406	538	621	716	867	796	738	758	818	844	936	874	871	1,136	1,292
Denmark	1,305	1,604	1,719	1,829	1,847	2,072	2,446	2,130	2,136	2,223	1,852	2,016	2,208	2,370	2,152	2,253	2,378
Finland	936	1,196	1,427	1,406	1,435	1,796	2,129	2,179	2,086	2,138	1,948	1,945	1,867	1,494	1,562	1,620	1,724
France	9,956	11,888	13,431	13,681	14,548	16,161	17,502	15,796	15,556	16,702	15,673	16,279	16,983	14,721	15,184	15,783	16,761
Germany	9,977	11,770	13,268	13,513	14,098	17,041	20,193	17,838	17,689	20,249	18,914	19,329	19,188	15,864	16,119	16,579	17,462
Greece	611	889	1,378	1,240	1,398	1,523	1,317	1,598	1,352	948	834	783	774	558	468	422	438
Hungary	316	343	447	502	569	707	736	548	537	580	514	586	526	428	478	578	649
Ireland	2,651	3,213	4,334	4,170	4,621	6,195	6,897	7,751	8,722	10,431	10,556	11,793	13,537	12,805	14,407	19,048	21,983
Italy	4,605	5,085	5,685	5,819	5,967	6,670	6,927	6,041	6,267	5,703	4,276	4,148	4,138	3,240	3,389	3,567	3,673
Netherlands	2,797	3,345	3,761	3,646	3,774	4,350	4,693	4,427	4,205	4,184	3,733	3,756	3,715	3,055	3,035	2,960	3,164
Poland	1,160	1,281	1,597	1,912	2,062	2,886	3,410	2,677	2,537	2,579	2,168	2,093	1,915	1,519	1,603	1,875	1,986
Portugal	361	449	541	556	613	685	741	718	666	595	471	480	455	362	362	381	400

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Romania	69	123	160	196	183	198	290	268	223	227	178	211	223	175	192	213	246
Slovakia	101	148	172	206	256	296	432	403	383	363	403	295	275	245	256	256	275
Spain	3,480	4,256	4,764	5,311	5,421	5,848	6,334	5,888	5,420	5,375	4,417	4,019	3,999	3,519	3,597	3,715	3,909
Sweden	2,211	2,764	3,297	3,315	3,521	3,961	4,265	3,309	3,818	4,311	4,339	4,575	4,434	9,840	8,764	9,102	9,771
United Kingdom	16,621	18,349	20,145	20,086	20,468	22,238	20,338	16,709	17,179	17,569	18,020	17,786	19,182	18,322	16,528	19,424	21,097
Other Europe	3,827	4,550	5,598	6,593	7,172	8,863	9,980	7,735	8,201	8,954	9,051	9,173	8,396	6,443	6,067	6,624	6,900
Norway	1,809	2,235	2,567	2,850	2,977	3,584	3,639	3,378	3,647	3,866	3,695	3,816	3,562	2,818	2,622	2,740	2,885
Russia	411	621	1,168	1,795	2,300	3,261	4,092	2,333	2,362	2,614	3,067	3,024	2,470	1,367	1,265	1,531	1,569
Switzerland	1,302	1,519	1,643	1,671	1,634	1,681	1,843	1,759	1,876	2,106	1,880	1,888	1,951	1,925	1,827	1,916	1,981
Turkey	231	74	123	160	117	150	169	97	124	141	154	165	175	159	164	190	177
Ukraine	74	101	97	116	144	188	238	167	192	226	255	281	237	174	190	247	289
Middle East	866	834	789	919	1,000	1,164	1,323	1,213	1,236	1,393	1,403	1,380	1,504	1,557	1,625	1,708	1,735
Bahrain	35	38	41	55	74	95	121	96	112	129	137	144	149	154	156	157	167
Iran	134	84	50	79	90	84	98	106	116	166	128	94	106	111	122	130	93
Israel	461	446	378	449	441	507	577	520	466	486	469	443	503	541	581	632	641
Jordan	37	40	46	49	70	90	112	107	132	132	138	130	118	125	132	138	144
Kuwait	57	73	95	80	87	85	101	80	79	77	89	103	128	126	126	132	157
Qatar	8	8	17	20	22	47	31	49	42	70	83	97	101	96	94	90	99
Saudi Arabia	43	48	53	63	72	101	98	96	119	137	144	147	162	150	149	150	153
United Arab Emirates	91	96	109	124	143	154	185	159	171	197	215	222	238	254	265	279	282
Africa	341	451	570	599	694	793	775	711	856	858	898	973	1,048	884	785	769	798
Cameroon	6	2	3	4	4	4	7	7	7	8	8	8	9	7	8	8	9
Egypt	19	21	23	28	35	51	64	74	85	99	126	125	185	141	123	86	96
Kenya	19	23	21	23	28	35	24	29	29	20	20	19	16	20	22	23	24
Morocco	17	23	25	30	24	29	30	30	34	33	23	65	82	73	74	76	84
Nigeria	45	48	76	101	138	158	191	174	206	203	204	260	324	291	241	210	239
Senegal	2	2	3	3	3	3	4	3	4	4	4	4	4	3	3	3	4
South Africa	218	314	399	389	440	486	421	362	456	453	475	453	389	313	280	329	309
Tunisia	17	19	20	21	23	26	33	31	36	38	37	39	39	35	34	33	33
Zimbabwe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asia	24,591	26,912	30,002	30,682	30,076	28,242	29,898	29,982	32,152	35,313	34,011	31,812	33,447	30,998	32,531	33,526	34,762
Bangladesh	92	103	113	122	127	152	166	195	219	229	235	295	368	402	445	472	511
China	2,580	3,096	3,909	4,241	4,392	4,675	5,347	5,982	6,188	7,469	8,708	9,808	12,550	12,144	11,800	13,095	14,563
India	583	723	700	1,053	1,226	1,573	1,724	1,537	1,932	2,381	2,680	2,667	2,524	2,616	2,612	2,896	2,973
Indonesia	384	402	457	467	628	566	647	687	860	857	789	740	694	607	639	715	728
Japan	16,700	18,211	20,016	19,270	17,698	15,396	16,560	16,650	17,071	17,849	15,477	12,301	11,298	9,647	11,563	10,784	10,213

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Malaysia	349	415	464	407	576	478	545	465	924	1,149	989	843	907	758	751	756	840
Pakistan	4	5	6	7	8	9	11	7	9	11	13	12	12	12	13	14	13
Philippines	95	40	39	43	46	55	7	6	6	7	7	6	11	11	14	14	4
Singapore	225	222	225	367	385	169	164	159	192	243	231	214	198	153	137	140	142
South Korea	1,764	1,707	1,869	2,307	2,650	2,827	2,246	1,961	2,210	2,356	2,273	2,358	2,364	2,263	2,224	2,231	2,384
Sri Lanka	*	*	*	*	*	*	1	1	*	*	*	*	*	*	*	*	*
Taiwan	1,744	1,907	2,112	2,295	2,232	2,217	2,336	2,193	2,397	2,613	2,466	2,419	2,378	2,241	2,194	2,253	2,222
Thailand	57	63	73	83	87	101	117	110	125	135	129	138	132	131	128	143	154
Vietnam	14	18	20	19	22	25	27	28	17	13	12	11	12	12	13	14	14
Oceania	4,122	5,184	6,259	6,415	6,399	7,725	8,631	7,859	8,557	9,260	8,714	7,424	6,971	5,606	5,365	5,539	5,604
Australia	3,805	4,750	5,718	5,826	5,878	7,099	8,140	7,446	8,060	8,739	8,174	6,860	6,328	5,099	4,880	5,057	5,123
New Zealand	317	434	542	589	521	626	491	413	496	521	540	564	644	508	485	482	481

EU = European Union.

* = amount < \$500,000.

Note(s):

Value added is the amount contributed by a country, firm, 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 or minor discrepancies. World total does not include all countries and economies due to limitations in data availability. See Table S6-1 for a full list of countries and economies in each region.

Source(s):

IHS Markit, special tabulations (2019) of Comparative Industry Service.

Science and Engineering Indicators